Baseline Water Quality Data

Inventory and Analysis

Great Basin National Park



Water Resources Division and Servicewide Inventory and Monitoring Program

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

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BASELINE WATER QUALITY DATA

INVENTORY AND ANALYSIS

GREAT BASIN 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 Great Basin National Park (GRBA) from six of the United States Environmental Protection Agency's (EPA) national databases: (1) Storage and Retrieval (STORET) water quality database management system; (2) River Reach File (RF3); (3) Industrial Facilities Discharge (IFD); (4) Drinking Water Supplies (DRINKS); (5) Water Gages (GAGES); and (6) Water Impoundments (DAMS). This document is one product resulting from a cooperative contractual endeavor between the National Park Service's (NPS) Servicewide Inventory and Monitoring Program, the National Park Service's Water Resources Division (WRD), and Horizon Systems Corporation to retrieve, format, and analyze surface 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 period of record, annual, and seasonal central tendencies and trends; (3) a comparison of the park's water quality data to relevant EPA and WRD water quality screening criteria; and (4) an Inventory Data Evaluation and Analysis (IDEA) to determine what Servicewide Inventory and Monitoring Program "Level I" water quality parameters have been measured within the study area. Accompanying the report are disks containing digital copies of all data used in the report, as well as all components of the report (tables, figures, etc.).

The results of the retrievals for the study area from the IFD, DRINKS, GAGES, and DAMS databases located no industrial/municipal dischargers; no drinking water intakes; three inactive U.S. Geological Survey stream gages; and one water impoundment. The results of the STORET retrieval for the study area yielded 10,093 observations for 184 separate parameters collected by the NPS, USGS, EPA, Nevada Department of Conservation and Natural Resources, and Utah Department of Environmental Quality at 428 monitoring stations from 1966 through 1998. Approximately 92 percent of the 10,093 observations within the study area were entered by the NPS from data collected from 1968 through 1998. Of the 428 monitoring stations, 293 stations were located within the park boundary (see Station Period of Record Tabulation). Two stations within the study area (both within the park boundary) were established but contained no data.

Most of the monitoring stations represent either one-time or intensive single-year sampling efforts by the collecting agencies. Three stations within the study area (one within the park boundary) yielded longer-term records consisting of multiple observations for several important water quality parameters (see Station Period of Record Tabulation). The station yielding the longer-term record within the park boundary is Lehman Creek near Baker (GRBA 0322). The stations yielding the longer-term records within the study area, but outside of the park boundary, are Snake Creek at the Utah-Nevada state line near Garrison (GRBA 0078) and Snake Creek above the state fish hatchery (GRBA 0055)[†].

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 GRBA water quality criteria screen found eight groups of parameters that exceeded screening criteria at least once within the study area. The pH, copper, lead, and zinc exceeded their respective EPA criteria for the protection of freshwater aquatic life. Barium and lead exceeded their respective EPA drinking water criteria. Fecal-indicator bacteria concentrations (total coliform and fecal coliform) and turbidity exceeded the WRD screening limit for freshwater bathing and aquatic life, respectively.

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

The pH was measured 1,087 times at 256 monitoring stations from 1966 through 1997. One-hundred-fourteen concentrations at 11 stations within the park were outside the pH range of 6.5 to 9.0 standard units (SU) (EPA chronic criteria for freshwater aquatic life) from 1989 through 1996. One-hundred-nine observations were less than or equal to pH 6.5 and five observations were greater than or equal to pH 9.0. Approximately 85 percent of the observations less than or equal to pH 6.5 were reported at two stations at Cave Springs (GRBA 0312, GRBA 0315) during 1990 and 1995, including the lowest pH of 3.7 SU (GRBA 0315) in January 1990. The highest pH of 9.21 SU was reported in the east bay of Baker Lake (GRBA 0129) in October 1994.

Turbidity was measured 273 times at 14 monitoring stations from 1969 through 1995. One concentration of 70 Nephelometric Turbidity Units in Snake Creek approximately 1.5 miles east of the park boundary (GRBA 0052) exceeded the WRD screening criterion of 50 Jackson Candle/Formazin/Nephelometric Turbidity Units in May 1979.

Total coliform concentrations were measured 40 times at five monitoring stations (GRBA 0052, GRBA 0055, GRBA 0075, GRBA 0078, GRBA 0315) from 1966 through 1990. Two concentrations at two stations in Snake Creek east of the park boundary, 1,000 Colony Forming Units per 100 milliliters (CFU/100 ml) above the state fish hatchery (GRBA 0055) and 1,400 CFU/100 ml approximately 1.5 miles east of the park boundary (GRBA 0052), equaled or exceeded the WRD bathing water screening criterion of 1,000 Colony Forming Units/Most Probable Number per 100 milliliters (CFU/MPN/100 ml) in September 1974 and May 1979, respectively. Fecal coliform concentrations were measured 547 times at 11 monitoring stations from 1969 through 1997. Two concentrations, 400 CFU/100 ml in Snake Creek above the state fish hatchery (GRBA 0055) and 222 MPN/100 ml within the park in Lehman Creek above the treatment ponds (GRBA 0357), exceeded the WRD bathing water screening criterion of 200 CFU/MPN/100 ml in August 1969 and September 1996, respectively.

Barium concentrations (including dissolved and total) were measured 120 times at 107 monitoring stations from 1980 through 1990. One dissolved concentration of 2,652 micrograms per liter (µg/L) at a spring north of Shoshone Ponds (GRBA 0097) exceeded the drinking water criterion of 2,000 µg/L in July 1980.

Copper concentrations (including dissolved and total) were measured 144 times at 130 monitoring stations from 1980 through 1992. Sixteen concentrations at 16 stations equaled or exceeded the acute freshwater criterion of 18 µg/L from 1980 through 1992. The highest concentration of 386 µg/L was reported at a spring north of the park (GRBA 0403) in July 1980.

Lead concentrations (including dissolved and total) were measured 110 times at 96 monitoring stations from 1980 through 1992. Thirty-two concentrations at 32 stations equaled or exceeded the drinking water criterion of 15 µg/L from 1980 through 1986. Three of these 32 concentrations also exceeded the acute freshwater criterion of 82 µg/L in July 1980. The highest concentration of 154 µg/L was reported at a spring north of the park (GRBA 0411) in July 1980.

Zinc concentrations were measured 143 times at 129 monitoring stations from 1980 through 1992. Seventeen concentrations at 17 stations equaled or exceeded the acute freshwater criterion of 120 µg/L from 1980 through 1992. Sixteen of these 17 concentrations were reported at 16 stations within the park boundary from 1988 through 1992, including the highest concentration of 440 µg/L at the source spring for the Lehman Creek Campgrounds water system (GRBA 0323) in July 1988.

The IDEA conducted for GRBA indicates that STORET data exist for 12 of the 13 Level I parameter groups in the study area. No STORET data exist for the parameter group Chlorophyll. Overall, approximately 81 percent of the observations for Level I parameter groups were recorded since 1985. Data for nine groups (Alkalinity, Dissolved Oxygen, Flow, Clarity/Turbidity, Nitrate/Nitrogen, Phosphate/Phosphorus, Sulfates/Total Dissolved Solids/Hardness, Bacteria, and Toxic Elements) were recorded at less than half of the 426 monitoring stations with data. Relative to other parameter groups with observations, data were limited for Dissolved Oxygen, Flow, and Sulfates/Total Dissolved Solids/Hardness. Results for 12 of the 126 EPA priority toxic pollutants (consisting of metals only) were retrieved from STORET.

Surface water resources in the GRBA study area include Lehman, Baker, Snake, Big Wash, and many other intermittent and perennial creeks; Osceola and other ditches, aqueducts, and diversions; Baker, Stella, Brown, Johnson, and several other lakes and ponds; Silver Creek, Baker, and other reservoirs; and Cave, Want, Mustang, and numerous other springs. The data inventories and analyses contained in this report indicate a lack of longer-term records from stations throughout the study area. Of the 428 monitoring stations in the study area, only three stations yielded longer-term records, and none of these three stations contain data collected since 1990. Without adequate data it is difficult to make definitive statements regarding water quality within the study area; however, from the available data, water quality has generally been good with some impacts from human activities. Potential anthropogenic sources of contaminants include mining and quarrying activities; ranching operations; wastewater discharge; recreational use; stormwater runoff; and atmospheric deposition.

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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.

Mike Matz coordinated and managed the team which prepared all components of the report.

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.

Clint Bassett and Amy Benton helped prepare reports and write the Executive Summaries.

Elizabeth Eisenhauer, Bill Folsom, Scott Ratchford, Jeff Ketcham, and Valdete Celaj provided digital cartographic support, both in determining retrieval/query areas and producing maps and graphics.

Kelli O'Connor, J. Chris Echohawk, Adam Henson, Ryan Shy, Lisa Dummer, Eric Lord, Adriane Petersen, Ronda Burns, Aria Brissette, Nancy O'Keeffe, Brett Atkinson, Paul Sorek, and Cara Ellis uploaded water quality data to STORET prior to report preparation.

Jacquie Nolan designed the cover.

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.

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.

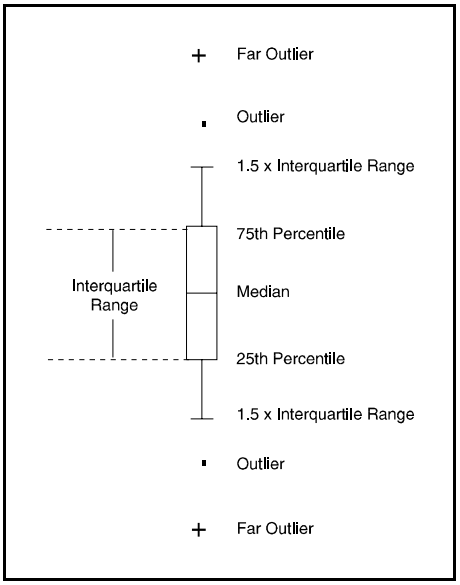
Table H. Definition of Descriptive Statistics Contained in Inventory, Annual, and Seasonal Tables

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 GRBA

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:	297662	77052
# STORET Stations:	428	293
# Stations With No Data:	2	2
# Stations With No Stat. Analysis:	0	0
# Longer Term Stations:	3	1
Date of STORET Retrieval:	04/19/99	04/19/99
Period of Record:	08/23/66-10/28/98	12/05/68-10/28/98
# Parameters Measured:	184	137
# Water Quality Observations:	10093	6423
# Industrial/Municipal Facilities:	0	0
# Drinking Water Intakes:	0	0
# Water Gages:	3	2
# Water Impoundments:	1	0
# Total Plots:	49	37
# Time Series:	29	25
# Annual:	10	6
# Seasonal:	10	6

Hydrologic Definition of Seasons:

1. September 15 - April 14
2. April 15 - June 14
3. June 15 - September 14

Time Series Plot Criteria:

To be included in the time series plots, a station/parameter combination must have at least 4 years and at least 16 observations.

Annual Analysis Criteria:

To be included in the annual box-and-whisker plots, a station/parameter combination must have at least 9 observations in each of at least 4 years.

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

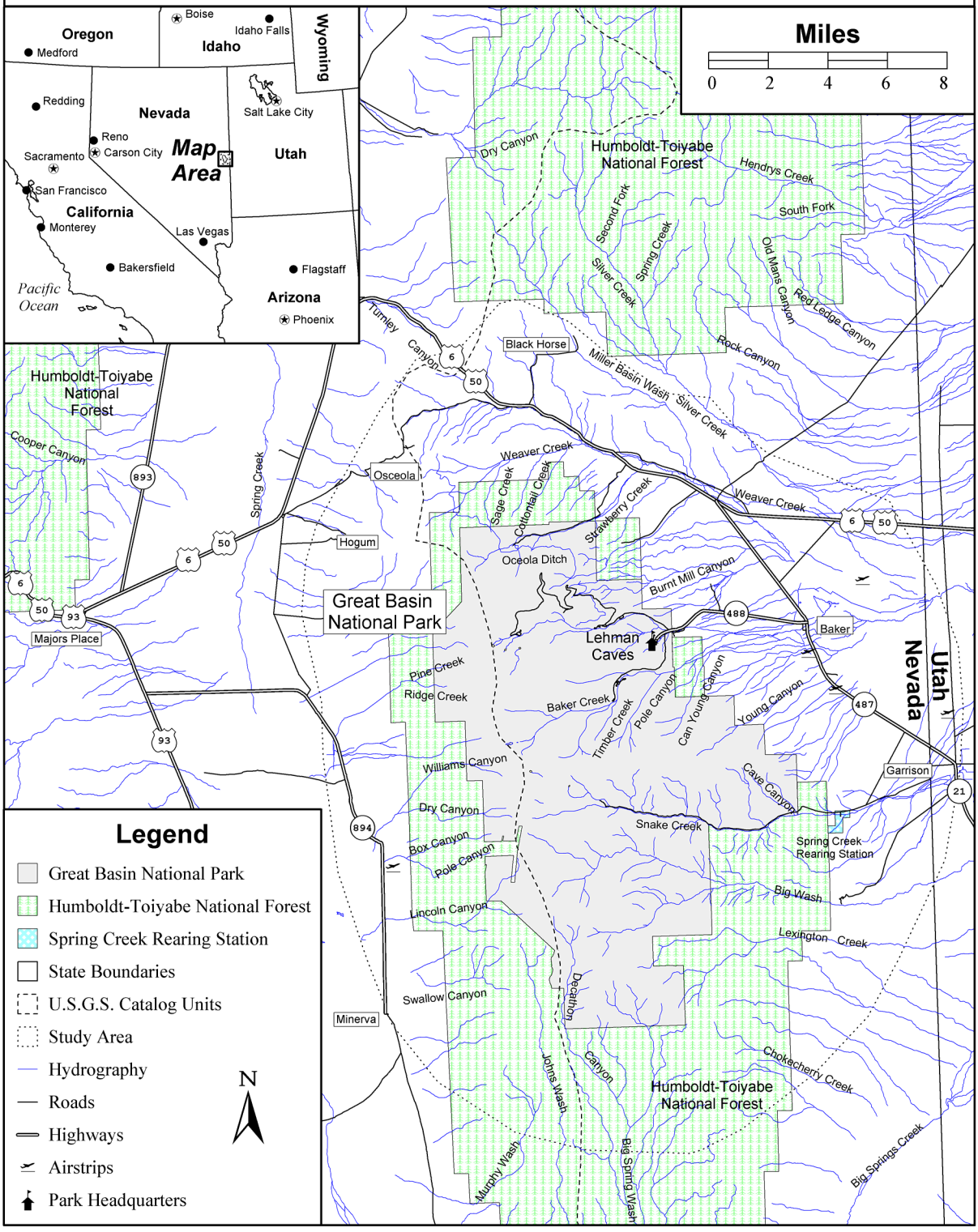
Seasonal Analysis Criteria:

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

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

Great Basin National Park

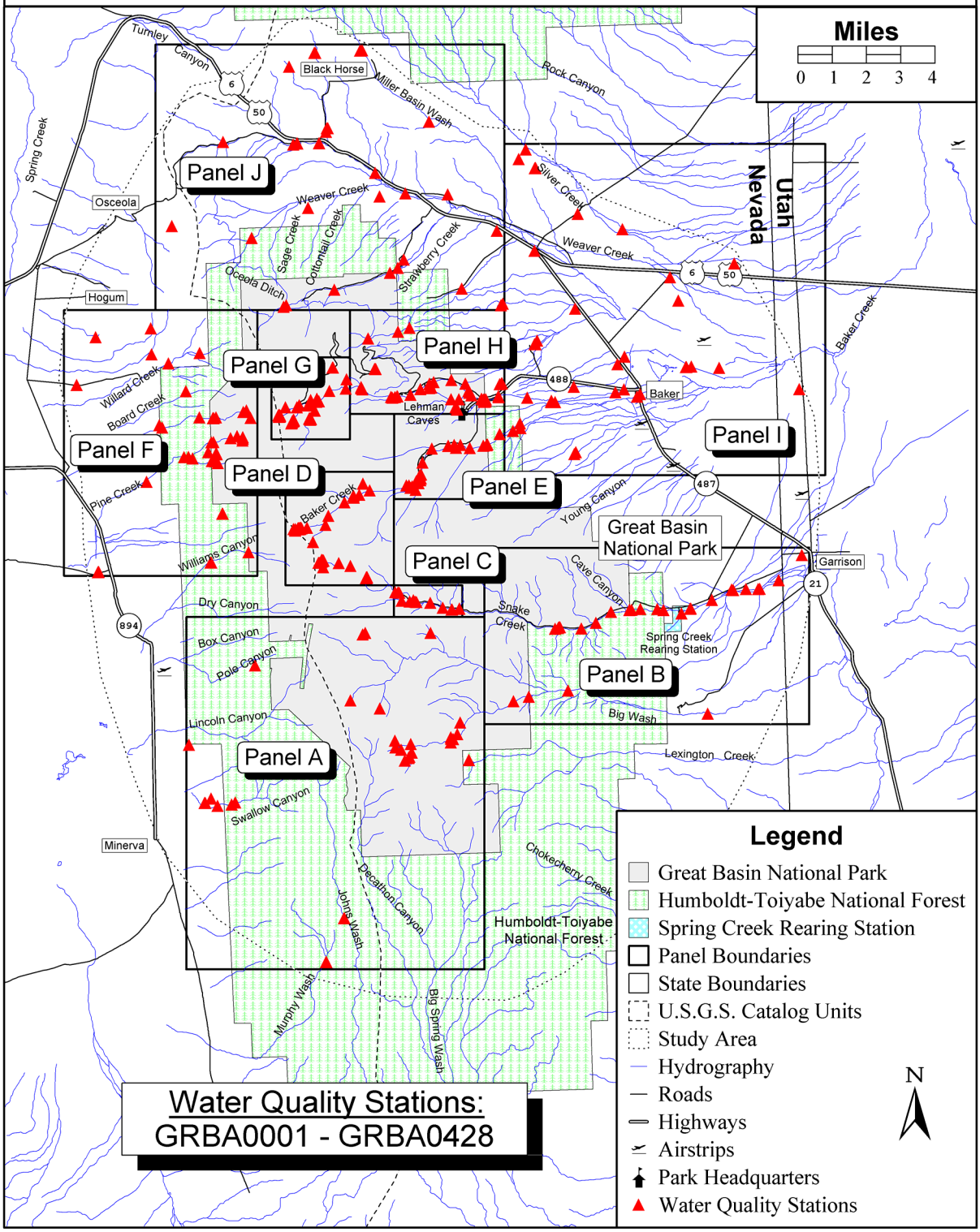
Regional Location Map



Great Basin National Park

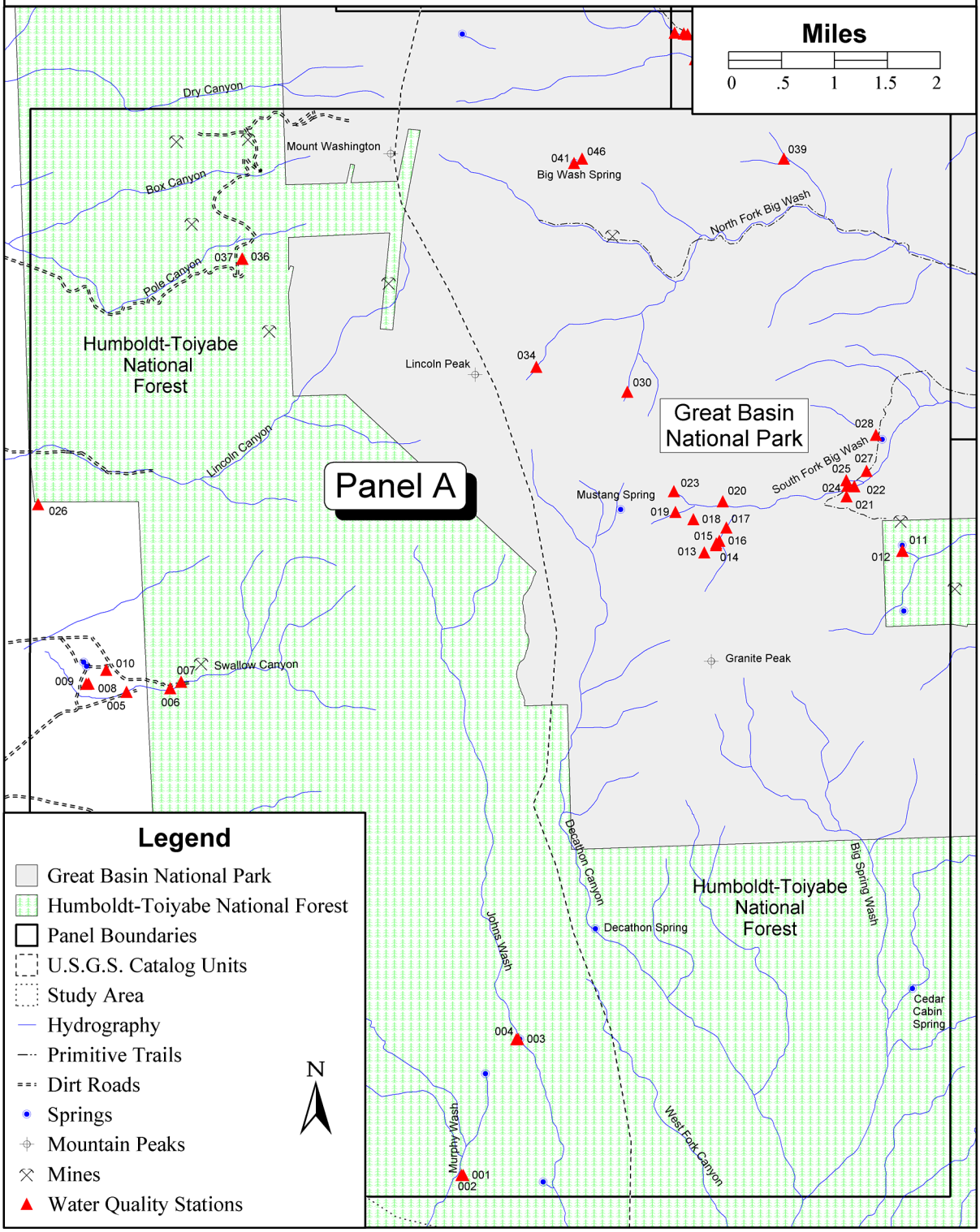
Water Quality Monitoring Locations

Graphic Panel Index



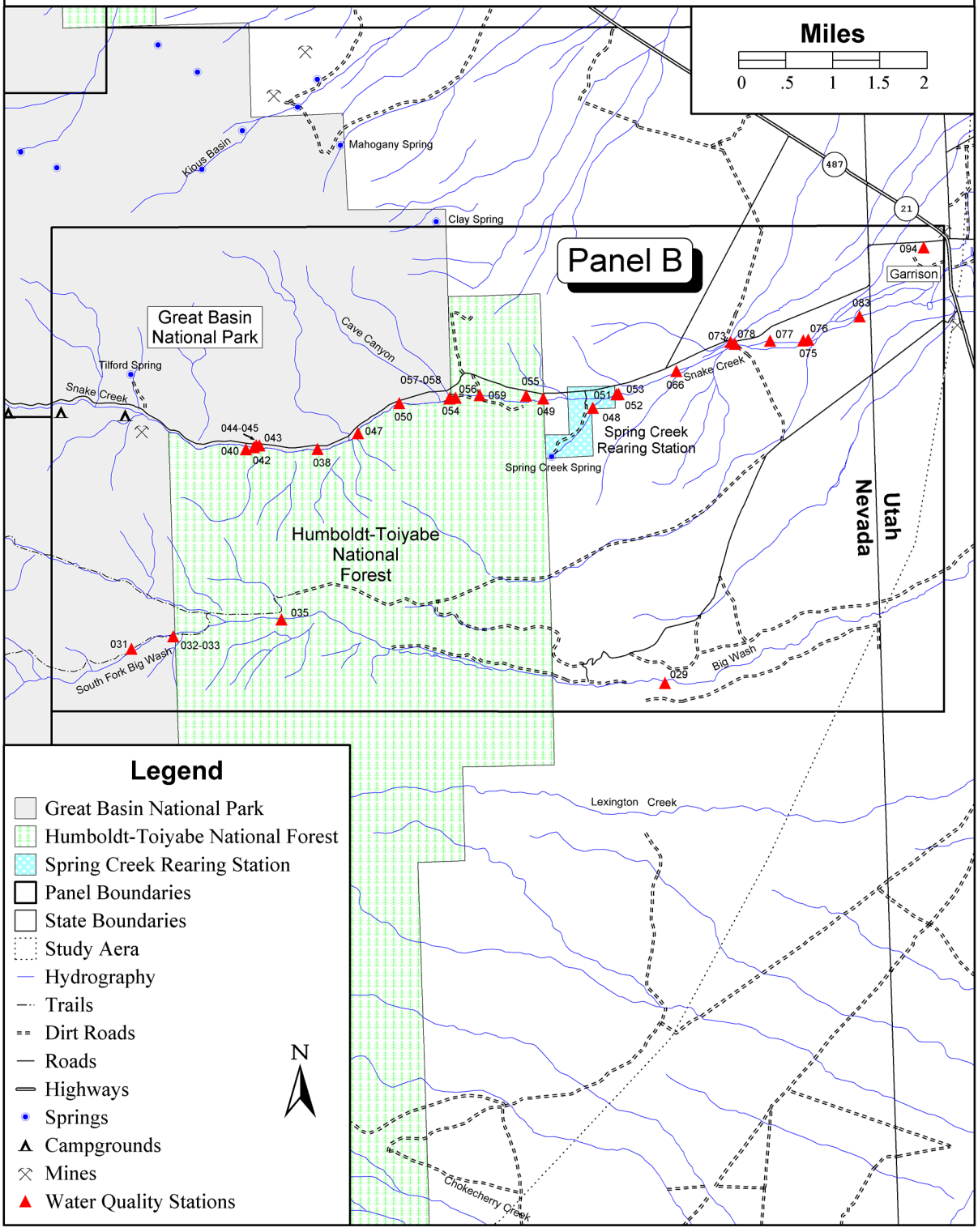
Great Basin National Park

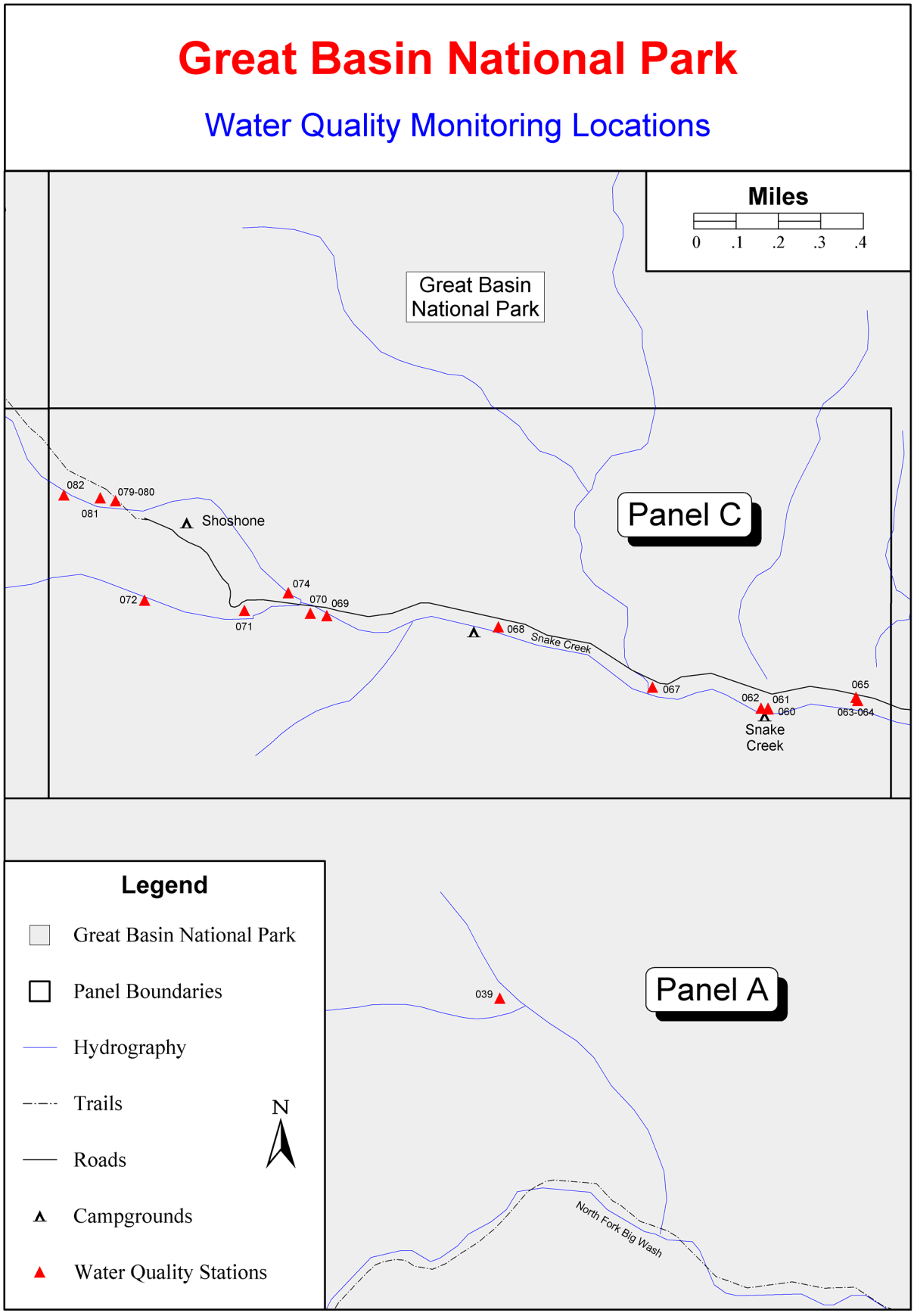
Water Quality Monitoring Locations

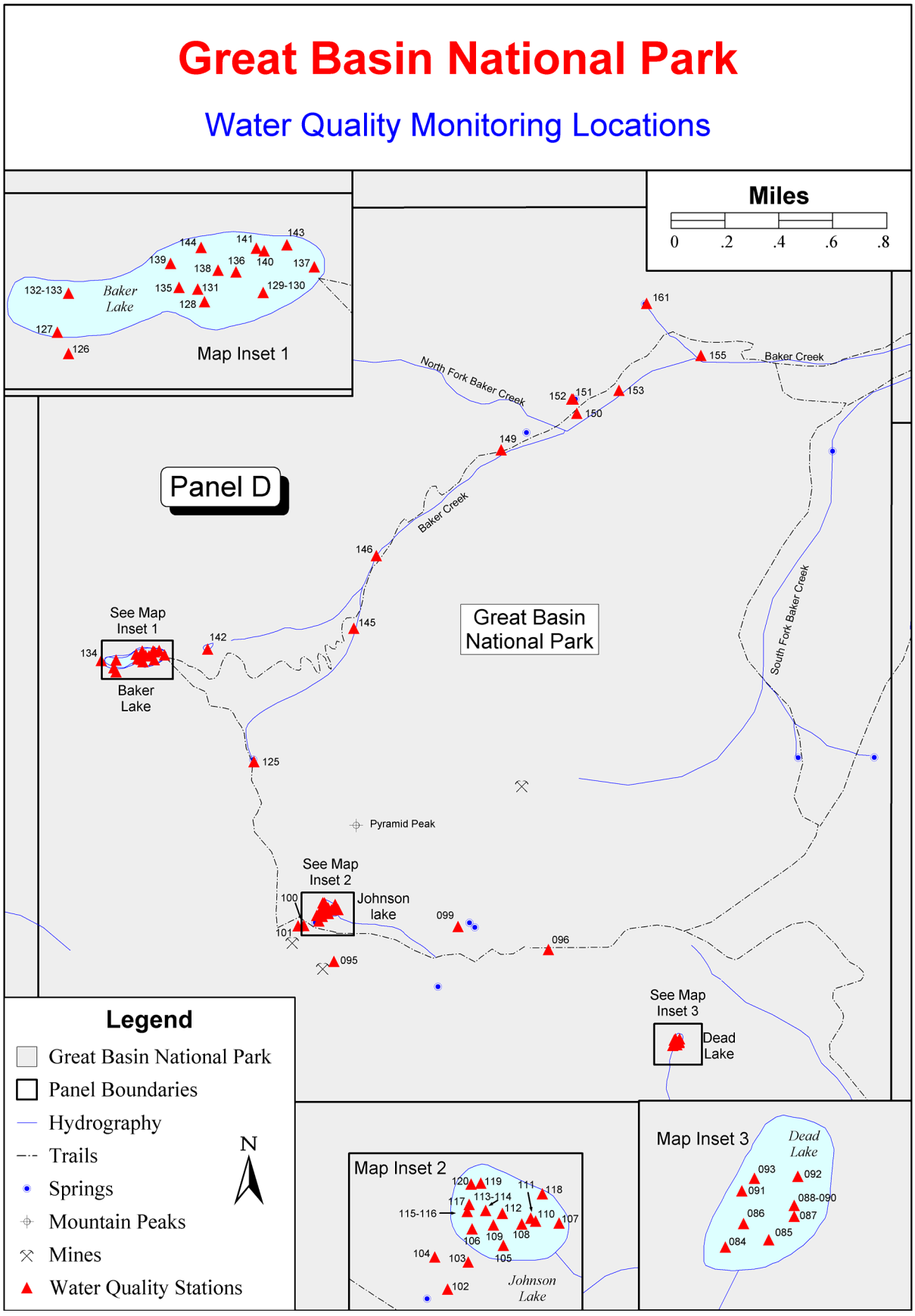


Great Basin National Park

Water Quality Monitoring Locations

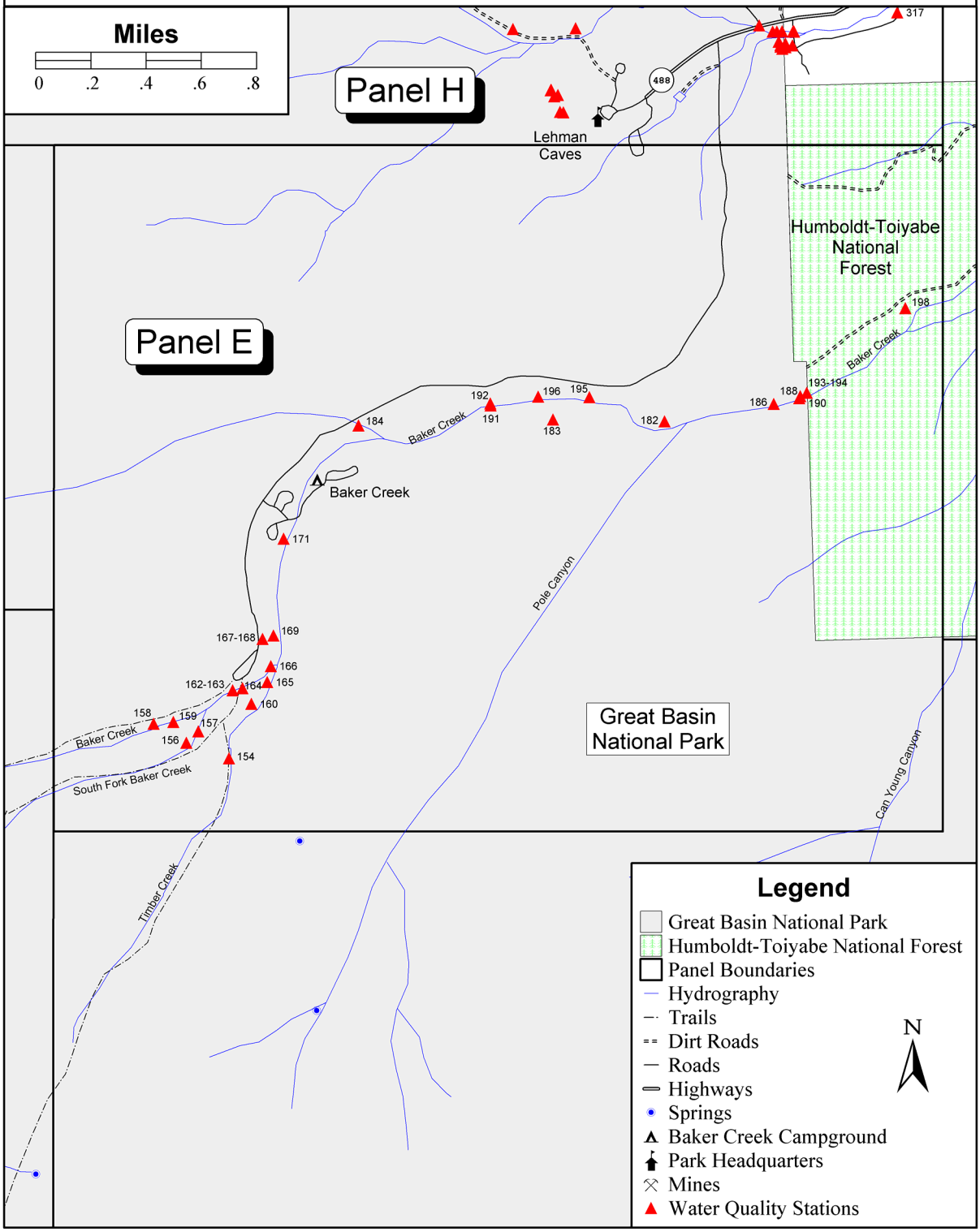



Great Basin National Park
Water Quality Monitoring Locations
Miles
0 .1 .2 .3 .4
Great Basin National Park
Panel C
Panel A
Shoshone
Snake Creek
Snake Creek
North Fork Big Wash
082
081
079-080
072
071
074
070
069
068
067
062
061
060
065
063-064
039
Legend
Great Basin National Park
Panel Boundaries
Hydrography
Trails
Roads
Campgrounds
Water Quality Stations
N


Great Basin National Park
Water Quality Monitoring Locations
Miles
0 .2 .4 .6 .8
Map Inset 1
Baker Lake
132-133
127
126
135
131
128
129-130
139
138
144
141
140
136
143
137
Panel D
North Fork Baker Creek
Baker Creek
South Fork Baker Creek
161
155
152
151
153
150
149
146
145
142
134
See Map Inset 1
Baker Lake
Great Basin National Park
125
Pyramid Peak
See Map Inset 2
100
101
Johnson lake
099
096
095
See Map Inset 3
Dead Lake
Legend
Great Basin National Park
Panel Boundaries
Hydrography
Trails
Springs
Mountain Peaks
Mines
Water Quality Stations
N
Map Inset 2
120
119
111
118
117
113-114
112
115-116
110
107
106
109
108
104
103
105
102
Johnson Lake
Map Inset 3
Dead Lake
093
092
091
088-090
086
087
085
084

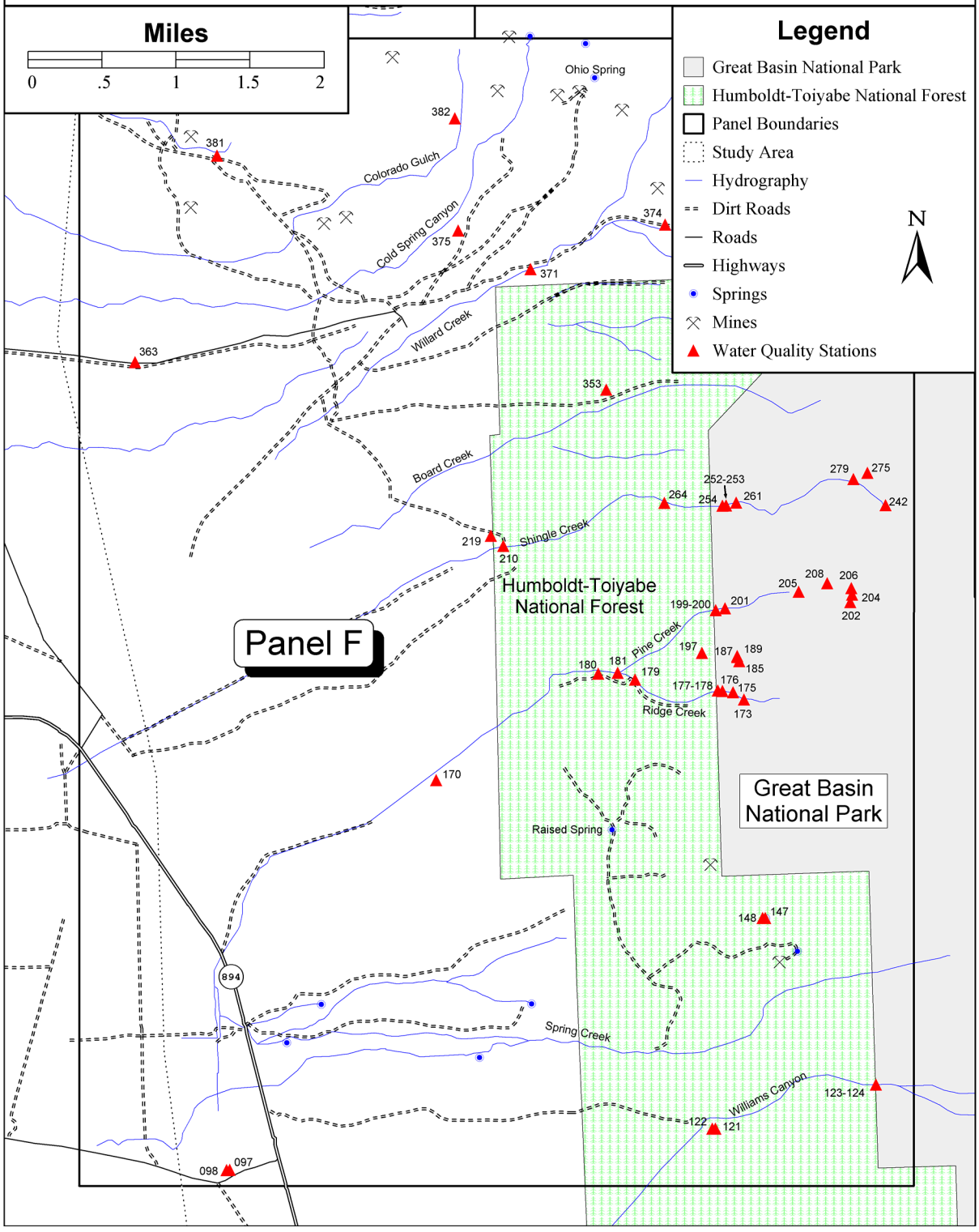
Great Basin National Park

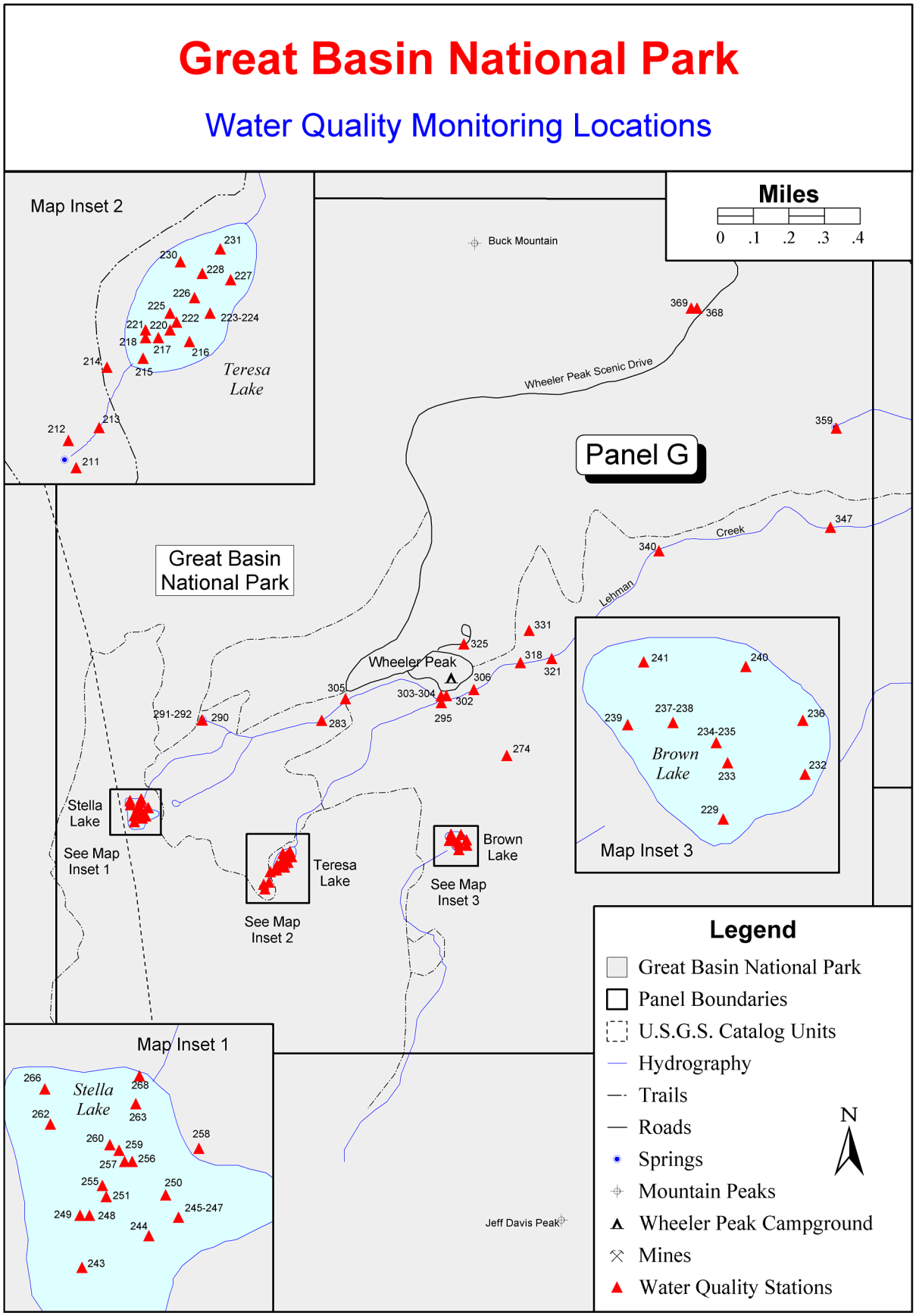
Water Quality Monitoring Locations



Great Basin National Park

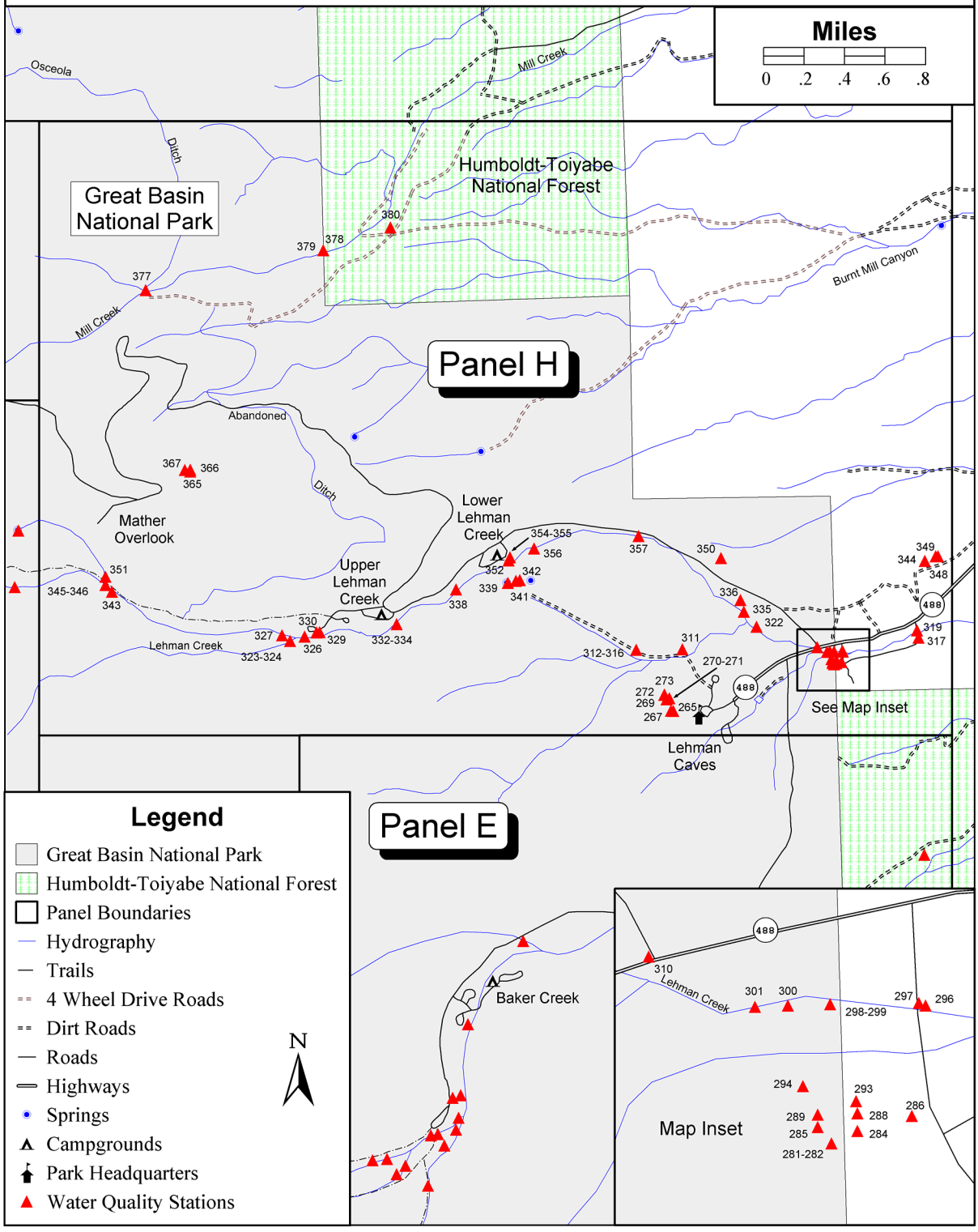
Water Quality Monitoring Locations




Great Basin National Park
Water Quality Monitoring Locations
Map Inset 2
Miles
0 .1 .2 .3 .4
Buck Mountain
Wheeler Peak Scenic Drive
Panel G
Great Basin National Park
Teresa Lake
Creek
Lehman
Wheeler Peak
Stella Lake
See Map Inset 1
Teresa Lake
See Map Inset 2
Brown Lake
See Map Inset 3
Map Inset 3
Brown Lake
Map Inset 1
Stella Lake
Jeff Davis Peak
Legend
Great Basin National Park
Panel Boundaries
U.S.G.S. Catalog Units
Hydrography
Trails
Roads
Springs
Mountain Peaks
Wheeler Peak Campground
Mines
Water Quality Stations
N

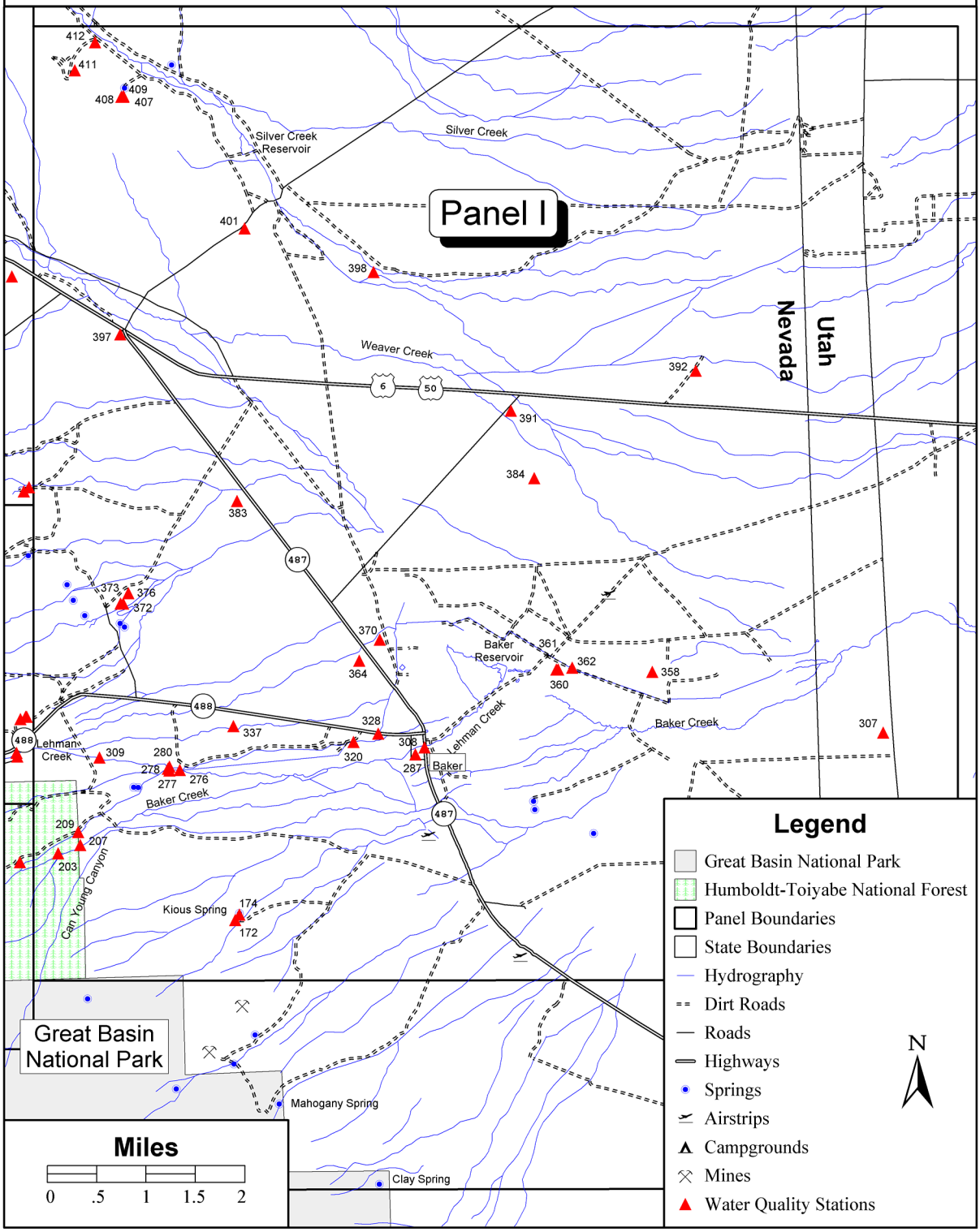
Great Basin National Park

Water Quality Monitoring Locations



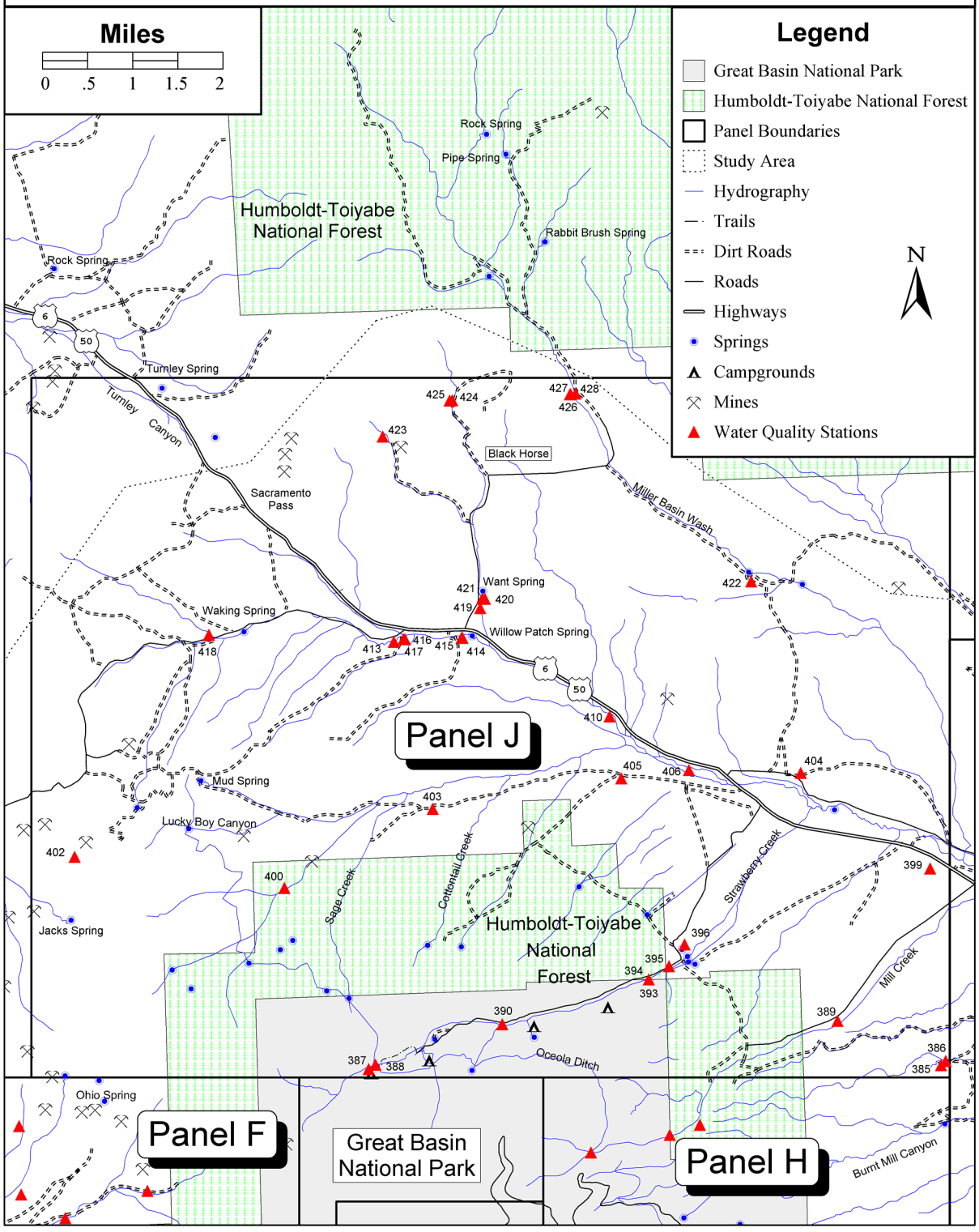
Great Basin National Park

Water Quality Monitoring Locations



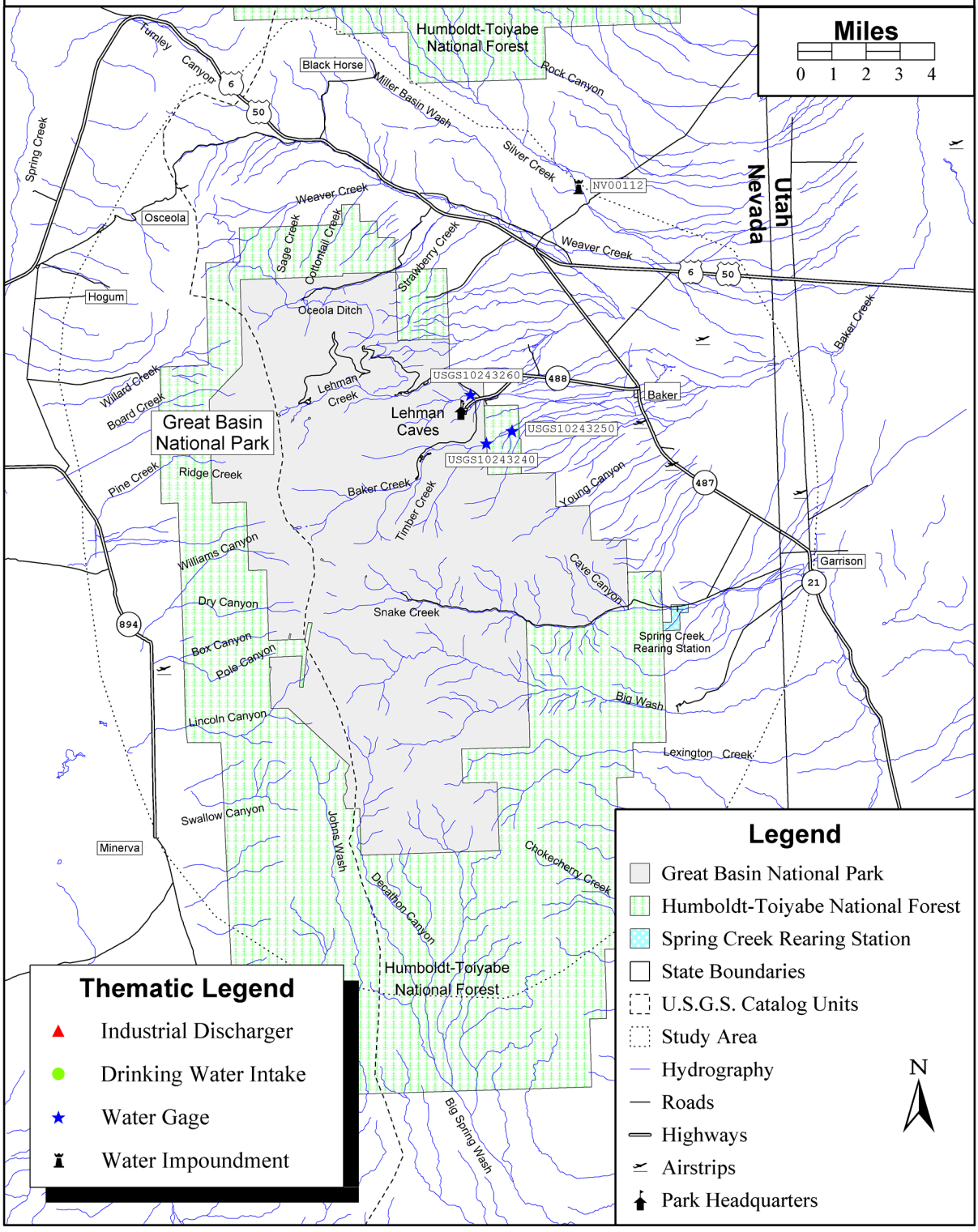
Great Basin National Park

Water Quality Monitoring Locations



Great Basin National Park

Dischargers, Drinking Intakes, Water Gages, & Water Impoundments



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

Industrial Facility Discharges

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

No IFD sites available for this study area.

Drinking Water Intakes

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

No drinking water intakes available for this study area.

Water Gages

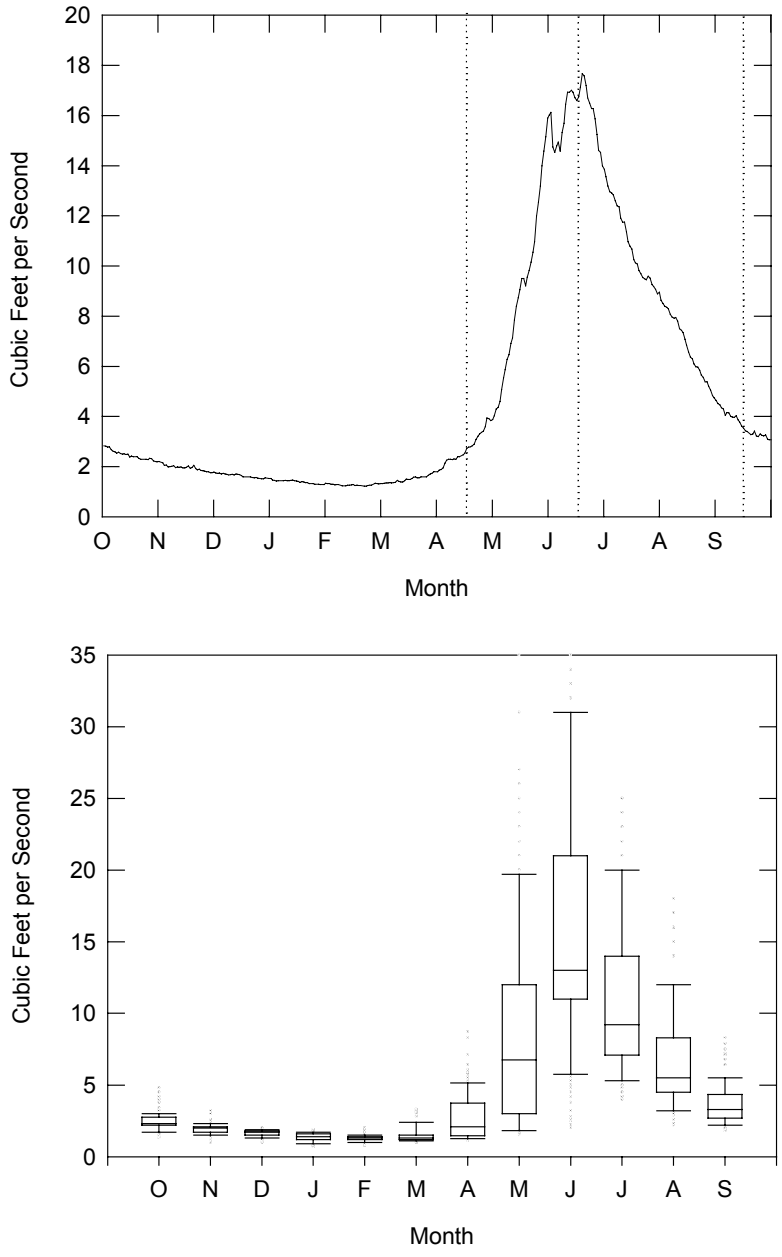
Site ID	Station Name	Site Type	Drainage Area (Square Miles)	Begin Year	End Year
USGS10243240	BAKER C AT NARROWS, NR BAKER, NV		16.40	1948	1997
USGS10243260	LEHMAN CREEK NEAR BAKER, NV		11.00	1948	1997
USGS10243250	BAKER C NR BAKER NV	Stream	10.00	1913	1916

Water Impoundments

Site ID	Impoundment Name	Owner	Primary Purpose	Type of Dam	Downstream Hazard	Year Completed
NV00112	SILVER CREEK DAM	FREDERICK BAKER	Irrig.	Earth	Low	1956

REPRESENTATIVE MEAN ANNUAL HYDROGRAPH FOR SEASONAL ANALYSIS

GREAT BASIN NATIONAL PARK
Lehman Creek near Baker, NV
10243260, 8 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 Great Basin National Park are: Sep. 15 to Apr. 14, Apr. 15 to Jun. 14, and Jun. 15 to Sep. 14.

CONTACTS FOR AGENCY CODES RETRIEVED FOR GRBA

AGENCY	PRIMARY CONTACT NAME	ORGANIZATION	PHONE NUMBER(S)	
11NPSWRD	TUCKER, DEAN	NATIONAL PARK SERVICE	(970)225-3516	(970)225-3518
112WRD	BRIGGS, JOHN	US GEOLOGICAL SURVEY	(703)648-5624	
21NEV-1	GENTRY, GLEN	NEV DEPT CONSV & NAT RES	(775)687-4670	
21UTAH	DENTON, RICHARD	DEPT ENF QUALITY	(801)538-6146	
11TOX09	WILSON, ERIC	USEPA REGION 9 WTR-2	(415)744-1964	

QUANTITY OF DATA RETRIEVED FOR GRBA 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
11NPSWRD	NATIONAL PARK SERVICE	12/05/68-10/28/98	12/05/68-10/28/98	418	289	0	0	0	0	9278	6271	149	122
112WRD	US GEOLOGICAL SURVEY	08/03/77-10/25/89	07/23/81-10/25/89	7	3	1	1	1	1	181	152	57	55
21NEV-1	NEV DEPT CONSV & NAT RES	08/23/66-07/09/75	No Data in Park	1	0	1	0	0	0	250	0	28	0
21UTAH	DEPT ENF QUALITY	03/25/82-11/16/88	No Data in Park	1	0	1	0	0	0	384	0	54	0
11TOX09	USEPA REGION 9 WTR-2	No Data in S.A.	No Data in Park	1	1	0	0	1	1	0	0	0	0
Totals		08/23/66-10/28/98	12/05/68-10/28/98	428	293	3	1	2	2	10093	6423	184	137

[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 08/23/66 To 10/28/98

Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 10/28/98	01/01/75 to 12/31/84	Before 01/01/75
GRBA0001	LUAG512	No	30	0	30	0
GRBA0002	LUAG512R	No	12	0	12	0
GRBA0003	LUAG513R	No	10	0	10	0
GRBA0004	LUAG513	No	30	0	30	0
GRBA0005	SWALLOW CANYON CK APPROX. 3.5 MILES W OF PARK	No	5	0	5	0
GRBA0006	184 N11 E68 0 SWALLOW CANYON, BELOW	No	7	0	7	0
GRBA0007	184 N11 E68 0 SWALLOW CANYON, ABOVE	No	7	0	7	0
GRBA0008	LUAG517	No	30	0	30	0
GRBA0009	LUAG517R	No	12	0	12	0
GRBA0010	184 N11 E68 5DBAB1 LITTLE SWALLOW SPRING	No	7	0	7	0
GRBA0011	LUAH507R	No	11	0	11	0
GRBA0012	LUAH507	No	30	0	30	0
GRBA0013	SOUTH FORK BIG WASH SPRING 1000 FEET UP CANYON	Yes	3	3	0	0
GRBA0014	SOUTH FORK BIG WASH SPRING	Yes	2	2	0	0
GRBA0015	SOUTH FORK BIG WASH SPRING	Yes	4	4	0	0
GRBA0016	SOUTH FORK BIG WASH SPRING	Yes	4	4	0	0
GRBA0017	SOUTH FORK BIG WASH SPRING	Yes	4	4	0	0
GRBA0018	SOUTH FORK BIG WASH SPRING OFF MAIN DRAINAGE	Yes	2	2	0	0
GRBA0019	SOUTH FORK BIG WASH SPRING	Yes	3	3	0	0
GRBA0020	SOUTH FORK BIG WASH SPRING	Yes	3	3	0	0
GRBA0021	S FORK BIG WASH SPRING 100 METERS S OF STREAM	Yes	4	4	0	0
GRBA0022	S FORK OF BIG WASH 50 METERS BELOW MILL SITE	Yes	18	18	0	0
GRBA0023	SOUTH FORK BIG WASH SPRING	Yes	3	3	0	0
GRBA0024	SOUTH FORK BIG WASH SPRING	Yes	4	4	0	0
GRBA0025	SOUTH FORK BIG WASH SPRING	Yes	4	4	0	0
GRBA0026	S FORK BIG WASH BELOW UPPER OSBORNE PASTURE	No	2	2	0	0
GRBA0027	S FORK BIG WASH SPRING 100 FT UP CANYON WALL	Yes	4	4	0	0
GRBA0028	SOUTH FORK BIG WASH SPRING BELOW SHALE CLIFF	Yes	4	4	0	0
GRBA0029	BIG WASH CK APPROX. 5 MILES E OF GREAT BASIN NP	No	5	0	5	0
GRBA0030	NORTH FORK BIG WASH BOTTOM OF SOUTH BRANCH	Yes	4	4	0	0
GRBA0031	SOUTH FORK BIG WASH SPRING	Yes	4	4	0	0
GRBA0032	S FK BIG WASH ABOVE CROSSING OF GRBA BOUNDARY	Yes	46	46	0	0
GRBA0033	SOUTH FORK BIG WASH AT GRBA BOUNDARY	Yes	26	26	0	0
GRBA0034	NORTH FORK BIG WASH 1/4 MI FROM LOGGING TRACK	Yes	4	4	0	0
GRBA0035	SOUTH FORK BIG WASH AT 9000 FEET ELEVATION	No	2	2	0	0
GRBA0036	LUAG516R	No	12	0	12	0
GRBA0037	LUAG516	No	30	0	30	0
GRBA0038	SNAKE CREEK #10	Yes	3	3	0	0
GRBA0039	NORTH FORK BIG WASH SPRING	Yes	4	4	0	0
GRBA0040	SNAKE CREEK 30 METERS W-SW OF SNA4 SITE	No	3	3	0	0
GRBA0041	BIG WASH SPRING RIGHT OF MAIN DRAINAGE CHANNEL	Yes	4	4	0	0
GRBA0042	SNAKE CREEK #8	No	3	3	0	0
GRBA0043	SNAKE CREEK #9	Yes	3	3	0	0
GRBA0044	SNAKE CREEK 10 METERS BELOW DIVERSION OUTLET	Yes	28	28	0	0
GRBA0045	SNAKE CREEK AT BYPASS PIPE OUTLET	Yes	30	30	0	0
GRBA0046	NORTH FORK OF BIG WASH SPRING	Yes	4	4	0	0
GRBA0047	SNAKE CREEK #11	Yes	3	3	0	0
GRBA0048	SNAKE CREEK #16	No	3	3	0	0
GRBA0049	SNAKE CREEK #15	No	3	3	0	0
GRBA0050	SNAKE CREEK #12	Yes	3	3	0	0
GRBA0051	SNAKE CREEK #17	No	3	3	0	0
GRBA0052	SNAKE CK APPROX. 1.5 MILES EAST OF PARK BDRY.	No	47	0	47	0
GRBA0053	SNAKE CK APPROX. 1.5 MILES E OF GREAT BASIN NP	No	5	0	5	0
GRBA0054	SNAKE CREEK AT PARK BOUNDARY	Yes	30	30	0	0
GRBA0055[1]	SNAKE R AB FISH HATCHERY	No	250	0	24	226
GRBA0056	SNAKE CREEK #13	No	3	3	0	0
GRBA0057	SNAKE CREEK AT INTERSECTION WITH GRBA BOUNDARY	Yes	59	59	0	0
GRBA0058	SNAKE CREEK INTERSECTION WITH GRBA BOUNDARY	Yes	33	33	0	0
GRBA0059	SNAKE CREEK #14	No	3	3	0	0
GRBA0060	SNAKE CREEK AT SNAKE CREEK CAMPGROUND	Yes	2	2	0	0
GRBA0061	SNAKE CREEK AT SNAKE CREEK CAMPGROUND	Yes	30	30	0	0
GRBA0062	SNAKE CREEK #6	Yes	3	3	0	0
GRBA0063	SNAKE CREEK 8 METERS ABOVE DIVERSION INTAKE	Yes	33	33	0	0
GRBA0064	SNAKE CREEK AT BYPASS PIPE INLET	Yes	30	30	0	0
GRBA0065	SNAKE CREEK #7	Yes	3	3	0	0
GRBA0066	SNAKE CREEK #18 AND #19	No	4	4	0	0
GRBA0067	SNAKE CREEK #5	Yes	3	3	0	0
GRBA0068	SNAKE CREEK #4	Yes	3	3	0	0
GRBA0069	SNAKE CREEK #3	Yes	3	3	0	0
GRBA0070	SNAKE CREEK; NORTH FORK-SOUTH FORK CONFLUENCE	Yes	30	30	0	0
GRBA0071	SNAKE CREEK #2	Yes	3	3	0	0

Station Period of Record Tabulation
From 08/23/66 To 10/28/98

Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 10/28/98	01/01/75 to 12/31/84	Before 01/01/75
GRBA0072	S FORK SNAKE CREEK 20 M ABOVE FORD TO CAMPSITE	Yes	23	23	0	0
GRBA0073	SNAKE CREEK #20	No	3	3	0	0
GRBA0074	SNAKE CREEK #1	Yes	3	3	0	0
GRBA0075	SNAKE CK APPROX. 3.5 MILES EAST OF PARK BDRY	No	48	0	48	0
GRBA0076	SNAKE CREEK #22	No	3	3	0	0
GRBA0077	SNAKE CREEK #21	No	3	3	0	0
GRBA0078[1]	SNAKE CK AT UTAH-NEVADA STATE LINE NEAR GARRISON	No	384	168	216	0
GRBA0079	SNAKE CREEK ABOVE SHOSHONE CAMPGROUND	Yes	2	2	0	0
GRBA0080	SNAKE CREEK ABOVE SHOSHONE CAMPGROUND	Yes	30	30	0	0
GRBA0081	SNAKE CK ABOVE TRAIL BRIDGE ON JOHNSON MINE RD	Yes	25	25	0	0
GRBA0082	LOWER SNAKE CK DRAINAGE ABOVE CAMPGROUND	Yes	4	4	0	0
GRBA0083	SNAKE CREEK #23	No	3	3	0	0
GRBA0084	DEAD LAKE OFF WEST SHORE	Yes	7	7	0	0
GRBA0085	SOUTH END OF DEAD LAKE	Yes	7	7	0	0
GRBA0086	WEST END OF DEAD LAKE	Yes	7	7	0	0
GRBA0087	EAST END OF DEAD LAKE	Yes	7	7	0	0
GRBA0088	MIDWAY ALONG EAST SHORE OF DEAD LAKE	Yes	40	40	0	0
GRBA0089	MIDWAY ALONG EAST SHORE OF DEAD LAKE	Yes	35	35	0	0
GRBA0090	DEAD LAKE NEAR EAST SHORE	Yes	30	30	0	0
GRBA0091	NORTH END OF DEAD LAKE	Yes	7	7	0	0
GRBA0092	NORTHEAST END OF DEAD LAKE	Yes	6	6	0	0
GRBA0093	DEAD LAKE OFF NORTHERN SHORE	Yes	7	7	0	0
GRBA0094	(C-22-20) 1ABA- 1	No	8	0	8	0
GRBA0095	EAST END OF JOHNSON LAKE	Yes	2	2	0	0
GRBA0096	SNAKE CREEK JOHNSON MILL SITE	Yes	30	30	0	0
GRBA0097	LUAG505	No	30	0	30	0
GRBA0098	LUAG505R	No	12	0	12	0
GRBA0099	LUAG521	Yes	40	0	40	0
GRBA0100	LUAG520R	Yes	10	0	10	0
GRBA0101	LUAG520	Yes	30	0	30	0
GRBA0102	JOHNSON LAKE SPRING 1	Yes	4	4	0	0
GRBA0103	BELOW JOHNSON LAKE SPRINGS 1 & 2	Yes	20	20	0	0
GRBA0104	JOHNSON LAKE SPRING 2	Yes	4	4	0	0
GRBA0105	NEAR THE SOUTH SHORE OF JOHNSON LAKE	Yes	6	6	0	0
GRBA0106	NEAR THE WEST SHORE OF JOHNSON LAKE	Yes	21	21	0	0
GRBA0107	WEST SHORE OF JOHNSON LAKE	Yes	7	7	0	0
GRBA0108	NEAR THE CENTER OF JOHNSON LAKE	Yes	7	7	0	0
GRBA0109	NEAR THE WEST SHORE OF JOHNSON LAKE	Yes	11	11	0	0
GRBA0110	CENTER OF SHALLOWS IN EAST END OF JOHNSON LAKE	Yes	33	33	0	0
GRBA0111	JOHNSON LAKE	Yes	25	25	0	0
GRBA0112	CENTER OF JOHNSON LAKE	Yes	17	17	0	0
GRBA0113	WEST END OF JOHNSON LAKE	Yes	2	2	0	0
GRBA0114	JOHNSON LAKE WEST END	Yes	30	30	0	0
GRBA0115	WEST END OF JOHNSON LAKE NEAR BEDROCK OUTCROP	Yes	41	41	0	0
GRBA0116	WEST END OF JOHNSON LAKE NEAR BEDROCK OUTCROP	Yes	32	32	0	0
GRBA0117	WEST END OF JOHNSON LAKE	Yes	17	17	0	0
GRBA0118	EAST END OF JOHNSON LAKE	Yes	7	7	0	0
GRBA0119	NORTH END OF JOHNSON LAKE	Yes	18	18	0	0
GRBA0120	NORTHWEST SHORE OF JOHNSON LAKE	Yes	11	11	0	0
GRBA0121	LUAG514	No	30	0	30	0
GRBA0122	LUAG514R	No	11	0	11	0
GRBA0123	WILLIAMS CK AT INTERSECTION WITH GRBA BOUNDARY	Yes	43	43	0	0
GRBA0124	WILLIAMS CREEK INTERSECTION WITH GRBA BOUNDARY	Yes	20	20	0	0
GRBA0125	BAKER CREEK SPRING 4	Yes	28	28	0	0
GRBA0126	SNOW MELT NEAR BAKER LAKE	Yes	4	4	0	0
GRBA0127	BAKER LAKE SITE 3	Yes	16	16	0	0
GRBA0128	NEAR THE CENTER OF BAKER LAKE	Yes	6	6	0	0
GRBA0129	WEST END OF ISLAND IN EAST BAY OF BAKER LAKE	Yes	38	38	0	0
GRBA0130	BAKER LAKE WEST OF SPRUCE ISLAND	Yes	30	30	0	0
GRBA0131	BAKER LAKE	Yes	16	16	0	0
GRBA0132	WEST BAY OF BAKER LAKE	Yes	39	39	0	0
GRBA0133	WEST BAY OF BAKER LAKE	Yes	52	52	0	0
GRBA0134	LUAG519	Yes	39	0	39	0
GRBA0135	NEAR THE CENTER OF BAKER LAKE	Yes	11	11	0	0
GRBA0136	BAKER LAKE SITE 2	Yes	19	19	0	0
GRBA0137	EAST SHORE OF BAKER LAKE	Yes	7	7	0	0
GRBA0138	WEST END OF BAKER LAKE	Yes	12	12	0	0
GRBA0139	NEAR THE CENTER OF BAKER LAKE	Yes	11	11	0	0
GRBA0140	EAST END OF BAKER LAKE	Yes	20	20	0	0
GRBA0141	NORTHWEST SHORE OF BAKER LAKE	Yes	11	11	0	0
GRBA0142	BAKER LAKE SITE 1	Yes	20	20	0	0

Station Period of Record Tabulation
From 08/23/66 To 10/28/98

Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 10/28/98	01/01/75 to 12/31/84	Before 01/01/75
GRBA0143	NORTHWEST SHORE OF BAKER LAKE	Yes	7	7	0	0
GRBA0144	NORTHWEST END OF BAKER LAKE	Yes	5	5	0	0
GRBA0145	BAKER CREEK NEAR DIESHMANN CABIN	Yes	2	2	0	0
GRBA0146	BAKER CREEK 1	Yes	28	28	0	0
GRBA0147	LUAG504	No	30	0	30	0
GRBA0148	LUAG504R	No	10	0	10	0
GRBA0149	BAKER CREEK SPRING 3	Yes	28	28	0	0
GRBA0150	BAKER CREEK SPRING 2	Yes	23	23	0	0
GRBA0151	LUAG518	Yes	30	0	30	0
GRBA0152	LUAG518R	Yes	11	0	11	0
GRBA0153	BAKER CK S OF MARKER FOR BAKER 2 SNOW COURSE	Yes	30	30	0	0
GRBA0154	TIMBER CREEK ABOVE UPPER BAKER DRIFT FENCE	Yes	42	42	0	0
GRBA0155	BAKER CREEK NEAR 9000 FEET ELEVATION	Yes	2	2	0	0
GRBA0156	BAKER CREEK #2	Yes	3	3	0	0
GRBA0157	S FORK BAKER CK ABOVE UPPER BAKER DRIFT FENCE	Yes	42	42	0	0
GRBA0158	BAKER CREEK 2	Yes	24	24	0	0
GRBA0159	BAKER CREEK #1	Yes	3	3	0	0
GRBA0160	BAKER CREEK #4	Yes	3	3	0	0
GRBA0161	BAKER CREEK SPRING 1	Yes	32	32	0	0
GRBA0162	BAKER CREEK NEAR BAKER TRAILHEAD	Yes	2	2	0	0
GRBA0163	BAKER CREEK ABOVE BAKER TRAILHEAD	Yes	30	30	0	0
GRBA0164	BAKER CREEK #3	Yes	1	1	0	0
GRBA0165	BAKER CREEK #5	Yes	3	3	0	0
GRBA0166	BAKER CREEK #6	Yes	3	3	0	0
GRBA0167	SOURCE SPRING FOR BAKER CREEK CAMPGROUND	Yes	25	25	0	0
GRBA0168	BAKER CREEK CAMPGROUND	Yes	17	17	0	0
GRBA0169	BAKER CREEK EAST OF BAKER CG SPRING ENCLOSURE	Yes	26	26	0	0
GRBA0170	CONFLUENCE OF PINE AND RIDGE CREEKS W OF PARK	No	17	0	17	0
GRBA0171	BAKER CREEK #7	Yes	3	3	0	0
GRBA0172	KIOUS SPRING	No	29	29	0	0
GRBA0173	RIDGE CK SPRING 500 METERS FROM PARK BDRY	Yes	4	4	0	0
GRBA0174	LUAH501	No	41	0	41	0
GRBA0175	RIDGE CK SPRING 100 METERS UP FACE OF CANYON	Yes	4	4	0	0
GRBA0176	RIDGE CREEK NEAR PARK BOUNDARY	Yes	2	2	0	0
GRBA0177	RIDGE CREEK AT INTERSECTION WITH GRBA BOUNDARY	Yes	44	44	0	0
GRBA0178	RIDGE CREEK INTERSECTION WITH GRBA BOUNDARY	Yes	30	30	0	0
GRBA0179	RIDGE CREEK ABOVE JUNCTION WITH PINE CREEK	No	2	2	0	0
GRBA0180	CAMPSITE BELOW JCT OF PINE AND RIDGE CREEKS	No	27	27	0	0
GRBA0181	PINE CREEK ABOVE JUNCTION WITH RIDGE CREEK	No	2	2	0	0
GRBA0182	BAKER CREEK #12	Yes	3	3	0	0
GRBA0183	BAKER CREEK #10	Yes	3	3	0	0
GRBA0184	BAKER CREEK #8	Yes	3	3	0	0
GRBA0185	SPRING ON RIDGE BETWEEN RIDGE CK AND PINE CK	Yes	4	4	0	0
GRBA0186	BAKER CREEK BELOW BAKER NARROWS	Yes	2	2	0	0
GRBA0187	SMALL SPRING BETWEEN RIDGE AND PINE CREEKS	Yes	4	4	0	0
GRBA0188	BAKER CREEK 3	Yes	35	35	0	0
GRBA0189	NORTH SPRING BETWEEN RIDGE AND PINE CREEKS	Yes	3	3	0	0
GRBA0190	BAKER CREEK #13	Yes	3	3	0	0
GRBA0191	BAKER CREEK #9	Yes	3	3	0	0
GRBA0192	BAKER CREEK ABOVE GREY CLIFFS CAMPGROUND	Yes	2	2	0	0
GRBA0193	BAKER CREEK AT INTERSECTION WITH GRBA BOUNDARY	Yes	85	85	0	0
GRBA0194	BAKER CREEK INTERSECTION WITH GRBA BOUNDARY	Yes	32	32	0	0
GRBA0195	BAKER CREEK #11	Yes	3	3	0	0
GRBA0196	BAKER CREEK UPPER CULVERT IN GREY CLIFFS CG	Yes	26	26	0	0
GRBA0197	PINE CREEK SPRING 200 METERS OUTSIDE PARK BDRY	No	4	4	0	0
GRBA0198	BAKER CREEK #15	No	3	3	0	0
GRBA0199	PINE CREEK AT INTERSECTION WITH GRBA BOUNDARY	Yes	43	43	0	0
GRBA0200	PINE CREEK INTERSECTION WITH GRBA BOUNDARY	Yes	30	30	0	0
GRBA0201	PINE CREEK NEAR PARK BOUNDARY	Yes	2	2	0	0
GRBA0202	PINE CREEK SPRING 1500 METERS FROM PARK BDRY	Yes	4	4	0	0
GRBA0203	BAKER CREEK #14	No	3	3	0	0
GRBA0204	PINE CREEK SPRING NEAR MEADOW	Yes	4	4	0	0
GRBA0205	PINE CK SPG 950 METERS UPSTREAM OF PARK BDRY	Yes	4	4	0	0
GRBA0206	PINE CREEK SPRING 1500 METERS FROM PARK BDRY	Yes	4	4	0	0
GRBA0207	BAKER CREEK #17	No	3	3	0	0
GRBA0208	SPRING ON PINE CREEK UPSTREAM OF PARK BOUNDARY	Yes	4	4	0	0
GRBA0209	BAKER CREEK #16	No	3	3	0	0
GRBA0210	SHINGLE CREEK DIVERSION INLET	No	30	30	0	0
GRBA0211	TERESA LAKE SPRING	Yes	28	28	0	0
GRBA0212	SPRING ABOVE TERESA LAKE	Yes	30	30	0	0
GRBA0213	TERESA LAKE NEAR TERESA SPRING	Yes	6	6	0	0

Station Period of Record Tabulation
From 08/23/66 To 10/28/98

Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 10/28/98	01/01/75 to 12/31/84	Before 01/01/75
GRBA0214	184 N13 E68 11CAC THERESA LAKE FEEDER	Yes	5	0	5	0
GRBA0215	SOUTHWEST END OF TERESA LAKE	Yes	5	5	0	0
GRBA0216	SOUTHERN END OF TERESA LAKE	Yes	6	6	0	0
GRBA0217	TERESA LAKE SOUTH HALF	Yes	26	26	0	0
GRBA0218	SOUTH END OF TERESA LAKE	Yes	2	2	0	0
GRBA0219	EYDG021	No	31	0	31	0
GRBA0220	TERESA LAKE	Yes	31	31	0	0
GRBA0221	SOUTHWEST END OF TERESA LAKE	Yes	11	11	0	0
GRBA0222	CENTRAL TERESA LAKE	Yes	11	11	0	0
GRBA0223	SOUTH END OF TERESA LAKE	Yes	39	39	0	0
GRBA0224	MIDWAY ALONG EAST SHORE OF TERESA LAKE	Yes	33	33	0	0
GRBA0225	TERESA LAKE SOUTH HALF	Yes	60	60	0	0
GRBA0226	CENTRAL TERESA LAKE	Yes	11	11	0	0
GRBA0227	TERESA LAKE OFF EAST SHORE	Yes	6	6	0	0
GRBA0228	NORTHEAST END OF TERESA LAKE	Yes	6	6	0	0
GRBA0229	BROWN LAKE OFF SOUTH SHORE	Yes	5	5	0	0
GRBA0230	NORTHERN END OF TERESA LAKE	Yes	7	7	0	0
GRBA0231	TERESA LAKE NORTH END	Yes	2	2	0	0
GRBA0232	BROWN LAKE OFF EAST SHORE	Yes	6	6	0	0
GRBA0233	BROWN LAKE	Yes	32	32	0	0
GRBA0234	WEST-CENTRAL BROWN LAKE	Yes	2	2	0	0
GRBA0235	CENTRAL BROWN LAKE	Yes	30	30	0	0
GRBA0236	BROWN LAKE OFF WEST SHORE	Yes	5	5	0	0
GRBA0237	APPROXIMATE CENTER OF BROWN LAKE	Yes	39	39	0	0
GRBA0238	APPROXIMATE CENTER OF BROWN LAKE	Yes	34	34	0	0
GRBA0239	BROWN LAKE OFF WEST SHORE	Yes	5	5	0	0
GRBA0240	BROWN LAKE OFF NORTHEAST SHORE	Yes	5	5	0	0
GRBA0241	BROWN LAKE OFF NORTHWEST SHORE	Yes	5	5	0	0
GRBA0242	SHINGLE CK SPRING 1900 METERS FROM PARK BDRY	Yes	4	4	0	0
GRBA0243	NEAR SOUTHWEST SHORE OF STELLA LAKE	Yes	6	6	0	0
GRBA0244	SOUTH END OF STELLA LAKE	Yes	12	12	0	0
GRBA0245	MIDWAY ALONG SOUTHEAST SHORE OF STELLA LAKE	Yes	40	40	0	0
GRBA0246	MIDWAY ALONG SOUTHEAST SHORE OF STELLA LAKE	Yes	33	33	0	0
GRBA0247	STELLA LAKE EAST SIDE	Yes	2	2	0	0
GRBA0248	STELLA LAKE OFF SOUTHERN SHORE	Yes	26	26	0	0
GRBA0249	STELLA LAKE OFF SOUTHWEST SHORE	Yes	11	11	0	0
GRBA0250	STELLA LAKE CENTRAL	Yes	11	11	0	0
GRBA0251	CENTRAL STELLA LAKE	Yes	30	30	0	0
GRBA0252	SHINGLE CK AT SHEEP TRAIL ABOVE GRBA BOUNDARY	Yes	83	83	0	0
GRBA0253	SHINGLE CREEK 150 METERS ABOVE GRBA BOUNDARY	Yes	31	31	0	0
GRBA0254	SHINGLE CREEK ABOVE PARK BOUNDARY	Yes	30	30	0	0
GRBA0255	WEST END OF STELLA LAKE	Yes	13	13	0	0
GRBA0256	STELLA LAKE CENTRAL	Yes	6	6	0	0
GRBA0257	STELLA LAKE CENTRAL	Yes	52	52	0	0
GRBA0258	STELLA LAKE OFF NORTHEAST SHORE	Yes	6	6	0	0
GRBA0259	STELLA LAKE	Yes	32	32	0	0
GRBA0260	NEAR THE CENTER OF STELLA LAKE	Yes	11	11	0	0
GRBA0261	SHINGLE CREEK 250 METERS ABOVE PARK BOUNDARY	Yes	2	2	0	0
GRBA0262	WEST SIDE OF STELLA LAKE	Yes	2	2	0	0
GRBA0263	STELLA LAKE OFF NORTHERN SHORE	Yes	11	11	0	0
GRBA0264	SHINGLE CREEK NEAR END OF 4WD ROAD AT CAMP	No	24	24	0	0
GRBA0265	PASSAGE NORTHWEST OF LODGE ROOM	Yes	10	0	0	10
GRBA0266	STELLA LAKE OFF NORTHWEST SHORE	Yes	12	12	0	0
GRBA0267	PASSAGE NORTHEAST OF INSCRIPTION ROOM	Yes	4	0	0	4
GRBA0268	STELLA LAKE OFF NORTHERN SHORE	Yes	11	11	0	0
GRBA0269	GRAND PALACE POOL	Yes	13	0	0	13
GRBA0270	PASSAGE EAST OF GRAND PALACE	Yes	4	0	0	4
GRBA0271	PASSAGE EAST OF GRAND PALACE	Yes	12	0	0	12
GRBA0272	TALUS ROOM POOL 2	Yes	11	0	0	11
GRBA0273	TALUS ROOM POOL 1	Yes	26	0	0	26
GRBA0274	LEHMAN CREEK #4A	Yes	2	2	0	0
GRBA0275	SHINGLE CREEK SPRING UPSTREAM OF PARK BOUNDARY	Yes	4	4	0	0
GRBA0276	LEHMAN CREEK #20	No	3	3	0	0
GRBA0277	LEHMAN CREEK #17	No	3	3	0	0
GRBA0278	LEHMAN CREEK #18	No	3	3	0	0
GRBA0279	SHINGLE CK SPRING 1700 METERS FROM PARK BDRY	Yes	4	4	0	0
GRBA0280	LEHMAN CREEK #19	No	3	3	0	0
GRBA0281	ROWLAND SPRING UPPERMOST POOL	Yes	26	26	0	0
GRBA0282	ROWLAND SPRING UPPERMOST POOL	Yes	40	40	0	0
GRBA0283	LEHMAN CREEK 1	Yes	32	32	0	0
GRBA0284	SOUTHERN OUTLET STREAM FROM ROWLAND SPRING	No	2	2	0	0

Station Period of Record Tabulation
From 08/23/66 To 10/28/98

Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 10/28/98	01/01/75 to 12/31/84	Before 01/01/75
GRBA0285	ROWLAND SPRING; MAIN POOL	Yes	2	2	0	0
GRBA0286	OUTLET STREAM FROM SM. SPRING; 80 M DOWNSTREAM	No	2	2	0	0
GRBA0287	EYDH070	No	31	0	31	0
GRBA0288	NORTHERN OUTLET STREAM FROM ROWLAND SPRING	No	2	2	0	0
GRBA0289	ROWLAND SPRING SOURCE ABOVE PARK VIEW ESTATES	Yes	227	227	0	0
GRBA0290	LEHMAN CREEK SPRING 4	Yes	20	20	0	0
GRBA0291	SOURCE SPRING FOR WHEELER PEAK CAMPGROUND	Yes	25	25	0	0
GRBA0292	WHEELER PEAK CAMPGROUND	Yes	16	16	0	0
GRBA0293	OUTLET STREAM FROM SM. SPRING; 40 M DOWNSTREAM	No	2	2	0	0
GRBA0294	SMALL SPRING NNW OF ROWLAND SPRING	Yes	2	2	0	0
GRBA0295	184 N13 E68 11AAC LEHMAN CREEK	Yes	0	0	0	0
GRBA0296	LEHMAN CK ABOVE ESTATES; BELOW TREATMENT PONDS	No	66	66	0	0
GRBA0297	LEHMAN CREEK #14	No	3	3	0	0
GRBA0298	LEHMAN CK 20 M W OF GRBA BOUNDARY E OF FENCE	Yes	99	99	0	0
GRBA0299	LEHMAN CREEK WEST OF GRBA BOUNDARY; E OF FENCE	Yes	35	35	0	0
GRBA0300	LEHMAN CREEK #13	Yes	3	3	0	0
GRBA0301	LEHMAN CREEK #15	Yes	3	3	0	0
GRBA0302	LEHMAN CREEK #3	Yes	2	2	0	0
GRBA0303	LEHMAN CREEK #1	Yes	2	2	0	0
GRBA0304	LEHMAN CREEK #2	Yes	2	2	0	0
GRBA0305	LEHMAN CREEK ABOVE WHEELER PEAK CAMPGROUND	Yes	30	30	0	0
GRBA0306	LEHMAN CREEK BELOW WHEELER PEAK CAMPGROUND	Yes	26	26	0	0
GRBA0307	EYDH068	No	31	0	31	0
GRBA0308	LEHMAN CREEK #23	No	2	2	0	0
GRBA0309	LEHMAN CREEK #16	No	3	3	0	0
GRBA0310	LEHMAN CREEK 3	Yes	34	34	0	0
GRBA0311	CAVE SPRINGS CREEK	Yes	34	34	0	0
GRBA0312	WATER FROM CAVE SPRINGS PRIOR TO TREATMENT	Yes	106	106	0	0
GRBA0313	WATER FROM CAVE SPRINGS PRIOR TO TREATMENT	Yes	31	31	0	0
GRBA0314	WATER FROM CAVE SPRINGS PRIOR TO TREATMENT	Yes	17	17	0	0
GRBA0315	WATER FROM CAVE SPRINGS PRIOR TO TREATMENT	Yes	678	678	0	0
GRBA0316	WATER FROM CAVE SPRINGS PRIOR TO TREATMENT	Yes	22	22	0	0
GRBA0317	ROWLAND SPRING BELOW PARK VIEW ESTATES	No	224	224	0	0
GRBA0318	LEHMAN CREEK BELOW WHEELER CG AND BELOW FENCE	Yes	31	31	0	0
GRBA0319	LEHMAN CREEK BELOW PARK VIEW ESTATES	No	227	227	0	0
GRBA0320	LEHMAN CREEK #21	No	3	3	0	0
GRBA0321	LEHMAN CREEK #4	Yes	2	2	0	0
GRBA0322[1]	LEHMAN CREEK NEAR BAKER, NV	Yes	147	147	0	0
GRBA0323	SOURCE SPRING FOR LEHMAN CREEK CAMPGROUNDS	Yes	25	25	0	0
GRBA0324	LEHMAN CREEK CAMPGROUND	Yes	16	16	0	0
GRBA0325	LEHMAN CREEK SPRING 3	Yes	24	24	0	0
GRBA0326	LEHMAN CREEK ABOVE LEHMAN CAMPGROUND	Yes	206	206	0	0
GRBA0327	LEHMAN CREEK ABOVE LEHMAN CG SPRING ENCLOSURE	Yes	26	26	0	0
GRBA0328	LEHMAN CREEK #22	No	3	3	0	0
GRBA0329	LEHMAN CREEK #9	Yes	2	2	0	0
GRBA0330	LEHMAN CREEK #8	Yes	2	2	0	0
GRBA0331	LEHMAN CREEK SPRING 2	Yes	28	28	0	0
GRBA0332	LEHMAN CREEK BELOW UPPER LEHMAN CAMPGROUND	Yes	2	2	0	0
GRBA0333	LEHMAN CREEK BELOW UPPER LEHMAN CAMPGROUND	Yes	30	30	0	0
GRBA0334	LEHMAN CREEK BELOW UPPER LEHMAN CAMPGROUND	Yes	60	60	0	0
GRBA0335	LEHMAN CREEK #11	Yes	2	2	0	0
GRBA0336	LEHMAN CREEK #12	Yes	2	2	0	0
GRBA0337	EYDH012	No	31	0	31	0
GRBA0338	EYDH014	Yes	31	0	31	0
GRBA0339	CAVE SPRING 1	Yes	36	36	0	0
GRBA0340	LEHMAN CREEK 2	Yes	32	32	0	0
GRBA0341	CAVE SPRING 2	Yes	16	16	0	0
GRBA0342	CAVE SPRING 3	Yes	8	8	0	0
GRBA0343	LEHMAN CREEK #7	Yes	2	2	0	0
GRBA0344	EYDH013	No	31	0	31	0
GRBA0345	LEHMAN CK 2 KM ABOVE UPPER LEHMAN CAMPGROUND	Yes	2	2	0	0
GRBA0346	LEHMAN CREEK NEAR 8700 FEET ELEVATION	Yes	30	30	0	0
GRBA0347	LEHMAN CREEK #5	Yes	2	2	0	0
GRBA0348	EYDH505R	No	13	0	13	0
GRBA0349	EYDH505	No	30	0	30	0
GRBA0350	LEHMAN C NR BAKER, NV	Yes	0	0	0	0
GRBA0351	LEHMAN CREEK #6	Yes	2	2	0	0
GRBA0352	LEHMAN CREEK #10	Yes	2	2	0	0
GRBA0353	EYDG020	No	31	0	31	0
GRBA0354	LEHMAN CREEK BELOW LOWER LEHMAN CAMPGROUND	Yes	2	2	0	0
GRBA0355	LEHMAN CREEK BELOW LOWER LEHMAN CAMPGROUND	Yes	30	30	0	0

Station Period of Record Tabulation
From 08/23/66 To 10/28/98

Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 10/28/98	01/01/75 to 12/31/84	Before 01/01/75
GRBA0356	LEHMAN CREEK BELOW EAST END OF LOWER LEHMAN CG	Yes	26	26	0	0
GRBA0357	LEHMAN CREEK ABOVE TREATMENT PONDS	Yes	224	224	0	0
GRBA0358	EYDH067	No	31	0	31	0
GRBA0359	LEHMAN CREEK SPRING 1	Yes	36	36	0	0
GRBA0360	EYDH517R	No	10	0	10	0
GRBA0361	EYDH517	No	30	0	30	0
GRBA0362	EYDH069	No	31	0	31	0
GRBA0363	EYDG024	No	31	0	31	0
GRBA0364	EYDH011	No	31	0	31	0
GRBA0365	EYDG078	Yes	31	0	31	0
GRBA0366	EYDG078	Yes	27	0	27	0
GRBA0367	EYDG078R	Yes	8	0	8	0
GRBA0368	EYDG517	Yes	30	0	30	0
GRBA0369	EYDG517R	Yes	10	0	10	0
GRBA0370	EYDH061	No	31	0	31	0
GRBA0371	WILLARD CK APPROX. 2 MILES W OF GREAT BASIN NP	No	5	0	5	0
GRBA0372	EYDH504	No	30	0	30	0
GRBA0373	EYDH504R	No	11	0	11	0
GRBA0374	EYDG019	No	31	0	31	0
GRBA0375	EYDG018	No	31	0	31	0
GRBA0376	EYDH009	No	31	0	31	0
GRBA0377	10 M BELOW JCT OF MILL CREEK AND OSCEOLA DITCH	Yes	20	20	0	0
GRBA0378	MILL CREEK AT INTERSECTION WITH GRBA BOUNDARY	Yes	47	47	0	0
GRBA0379	MILL CREEK INTERSECTION WITH GRBA BOUNDARY	Yes	23	23	0	0
GRBA0380	EYDH006	No	31	0	31	0
GRBA0381	EYDG016	No	31	0	31	0
GRBA0382	EYDG017	No	31	0	31	0
GRBA0383	EYDH010	No	31	0	31	0
GRBA0384	EYDH059	No	31	0	31	0
GRBA0385	EYDH502	No	41	0	41	0
GRBA0386	EYDH007	No	31	0	31	0
GRBA0387	STRAWBERRY CREEK ABOVE OSCEOLA DITCH	Yes	2	2	0	0
GRBA0388	STRAWBERRY CK NEAR DIVERSION TO OSCEOLA DITCH	Yes	30	30	0	0
GRBA0389	EYDH005	No	31	0	31	0
GRBA0390	2 METERS ABOVE UPPER/LOWER STRAWBERRY FENCE	Yes	28	28	0	0
GRBA0391	EYDH058	No	31	0	31	0
GRBA0392	EYDH062	No	31	0	31	0
GRBA0393	STRAWBERRY CK INTERSECTION WITH GRBA BOUNDARY	Yes	32	32	0	0
GRBA0394	STRAWBERRY CK AT INTERSECTION OF GRBA BOUNDARY	Yes	56	56	0	0
GRBA0395	STRAWBERRY CK APPROX. 0.2 MI NE GREAT BASIN NP	No	5	0	5	0
GRBA0396	EYDH003	No	31	0	31	0
GRBA0397	EYDH008	No	31	0	31	0
GRBA0398	EYDH057	No	31	0	31	0
GRBA0399	EYDH004	No	31	0	31	0
GRBA0400	EYDG073	No	31	0	31	0
GRBA0401	EYDH015	No	31	0	31	0
GRBA0402	EYDG069	No	31	0	31	0
GRBA0403	EYDG072	No	31	0	31	0
GRBA0404	EYDH002	No	31	0	31	0
GRBA0405	EYDG070	No	31	0	31	0
GRBA0406	EYDH001	No	31	0	31	0
GRBA0407	EYDH507	No	30	0	30	0
GRBA0408	EYDH507R	No	11	0	11	0
GRBA0409	EYDH025	No	31	0	31	0
GRBA0410	EYDG057	No	31	0	31	0
GRBA0411	EYDH018	No	31	0	31	0
GRBA0412	EYDH017	No	31	0	31	0
GRBA0413	EYDG055	No	31	0	31	0
GRBA0414	EYDG511R	No	12	0	12	0
GRBA0415	EYDG511	No	30	0	30	0
GRBA0416	EYDG510R	No	12	0	12	0
GRBA0417	EYDG510	No	30	0	30	0
GRBA0418	EYDG067	No	31	0	31	0
GRBA0419	EYDG058	No	31	0	31	0
GRBA0420	EYDG512	No	30	0	30	0
GRBA0421	EYDG512R	No	11	0	11	0
GRBA0422	EYDH019	No	31	0	31	0
GRBA0423	EYDG060	No	31	0	31	0
GRBA0424	EYDG513R	No	11	0	11	0
GRBA0425	EYDG513	No	30	0	30	0
GRBA0426	EYDG515	No	30	0	30	0

Station Period of Record Tabulation
From 08/23/66 To 10/28/98

Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 10/28/98	01/01/75 to 12/31/84	Before 01/01/75
GRBA0427	EYDG515R	No	11	0	11	0
GRBA0428	EYDG065	No	31	0	31	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 08/23/66 To 10/28/98

Parameter Code	Name	Total Obs	01/01/85 to 10/28/98	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	5	0	5	0	1	0
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	977	888	68	21	316	233
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	2	2	0	0	1	1
00025	BAROMETRIC PRESSURE (MM OF HG)	3	3	0	0	1	1
00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	6	3	3	0	4	1
00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	7	3	4	0	5	2
00058	FLOW, RATE GALLONS/MIN	57	57	0	0	35	34
00061	FLOW, STREAM, INSTANTANEOUS CFS	102	98	4	0	84	58
00064	DEPTH OF STREAM, MEAN (FT)	18	18	0	0	12	12
00065	STAGE, STREAM (FEET)	2	2	0	0	1	1
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	12	6	6	0	3	1
00080	COLOR (PLATINUM-COBALT UNITS)	16	6	1	9	7	5
00086	ODOR (THRESHOLD NUMBER AT 60 DEG C)	1	1	0	0	1	1
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	23	23	0	0	21	21
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	412	407	5	0	155	144
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	303	295	8	0	118	92
00111	RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI	92	92	0	0	5	3
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	89	72	7	10	56	49
00300	OXYGEN, DISSOLVED MG/L	11	7	4	0	2	1
00310	BOD, 5 DAY, 20 DEG C MG/L	11	0	1	10	1	0
00335	COD, .025N K2CR2O7 MG/L	8	4	4	0	1	0
00400	PH (STANDARD UNITS)	393	330	53	10	126	87
00403	PH, LAB, STANDARD UNITS SU	54	48	0	6	31	29
00405	CARBON DIOXIDE (MG/L AS CO2)	15	4	11	0	7	0
00406	PH, FIELD, STANDARD UNITS SU	640	618	12	10	105	89
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	116	51	55	10	76	36
00419	ALKALINITY,CARBONATE,INCREMENTAL TITR FIELD MG/L	2	2	0	0	1	1
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	11	0	1	10	1	0
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	7	0	0	7	1	0
00440	BICARBONATE ION (MG/L AS HCO3)	40	10	13	17	18	12
00442	PHOSPHOROUS, TOTAL ELEMENTAL MG/L	6	0	6	0	6	0
00445	CARBONATE ION (MG/L AS CO3)	30	10	11	9	10	5
00450	BICARBONATE,INCREMENTAL TITRATION,(HCO3) FIELDMG/L	2	2	0	0	1	1
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	5	0	5	0	1	0
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	8	3	5	0	1	0
00560	OIL & GREASE (FREON EXTR.-IR METHOD) TOT,REC,MG/L	1	0	1	0	1	0
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	2	0	0	2	1	0
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	29	29	0	0	19	19
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	23	6	11	6	9	1
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	8	7	1	0	2	1
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	2	1	1	0	1	0
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	15	4	2	9	2	0
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	49	31	9	9	33	27
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	37	32	5	0	20	19
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	28	24	4	0	19	18
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	3	3	0	0	1	1
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	6	0	1	5	1	0
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10	0	1	9	1	0
00665	PHOSPHORUS, TOTAL (MG/L AS P)	101	31	70	0	85	27
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	26	21	0	5	24	24
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	51	33	9	9	24	19
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	9	4	5	0	1	0
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	30	30	0	0	27	26
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	30	30	0	0	27	26
00900	HARDNESS, TOTAL (MG/L AS CACO3)	20	14	6	0	12	9
00915	CALCIUM, DISSOLVED (MG/L AS CA)	137	62	70	5	118	58
00916	CALCIUM, TOTAL (MG/L AS CA)	22	10	12	0	18	10
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	152	62	85	5	132	60
00927	MAGNESIUM, TOTAL (MG/L AS MG)	15	9	6	0	11	9
00929	SODIUM, TOTAL (MG/L AS NA)	22	10	12	0	18	10
00930	SODIUM, DISSOLVED (MG/L AS NA)	162	62	95	5	139	62
00935	POTASSIUM, DISSOLVED (MG/L AS K)	137	62	70	5	118	58
00937	POTASSIUM, TOTAL MG/L AS K)	17	5	12	0	13	5
00940	CHLORIDE,TOTAL IN WATER MG/L	65	39	16	10	37	29
00941	CHLORIDE, DISSOLVED IN WATER MG/L	47	25	6	16	31	27
00945	SULFATE, TOTAL (MG/L AS SO4)	20	13	7	0	14	11
00946	SULFATE, DISSOLVED (MG/L AS SO4)	62	51	5	6	48	45
00950	FLUORIDE, DISSOLVED (MG/L AS F)	4	4	0	0	2	1
00951	FLUORIDE, TOTAL (MG/L AS F)	6	6	0	0	6	6
00955	SILICA, DISSOLVED (MG/L AS SI02)	23	23	0	0	20	19
00956	SILICA, TOTAL (MG/L AS SI02)	5	5	0	0	5	5

Parameter Period of Record Tabulation
From 08/23/66 To 10/28/98

Parameter Code	Name	Total Obs	01/01/85 to 10/28/98	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
01000	ARSENIC, DISSOLVED (UG/L AS AS)	53	53	0	0	47	45
01002	ARSENIC, TOTAL (UG/L AS AS)	15	10	5	0	7	6
01005	BARIUM, DISSOLVED (UG/L AS BA)	99	34	65	0	94	35
01007	BARIUM, TOTAL (UG/L AS BA)	21	10	11	0	13	6
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	98	33	65	0	93	35
01012	BERYLLIUM, TOTAL (UG/L AS BE)	6	0	6	0	6	0
01020	BORON, DISSOLVED (UG/L AS B)	85	20	65	0	84	26
01022	BORON, TOTAL (UG/L AS B)	6	0	6	0	6	0
01025	CADMIUM, DISSOLVED (UG/L AS CD)	52	52	0	0	46	45
01027	CADMIUM, TOTAL (UG/L AS CD)	12	7	5	0	4	3
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	117	52	65	0	111	53
01034	CHROMIUM, TOTAL (UG/L AS CR)	18	7	11	0	10	3
01035	COBALT, DISSOLVED (UG/L AS CO)	98	33	65	0	93	35
01037	COBALT, TOTAL (UG/L AS CO)	6	0	6	0	6	0
01040	COPPER, DISSOLVED (UG/L AS CU)	118	53	65	0	112	53
01042	COPPER, TOTAL (UG/L AS CU)	26	14	12	0	18	10
01045	IRON, TOTAL (UG/L AS FE)	17	10	7	0	17	10
01046	IRON, DISSOLVED (UG/L AS FE)	118	53	65	0	112	53
01049	LEAD, DISSOLVED (UG/L AS PB)	92	52	40	0	86	47
01051	LEAD, TOTAL (UG/L AS PB)	18	7	11	0	10	3
01055	MANGANESE, TOTAL (UG/L AS MN)	26	14	12	0	18	10
01056	MANGANESE, DISSOLVED (UG/L AS MN)	125	53	72	0	119	54
01057	THALLIUM, DISSOLVED (UG/L AS TL)	30	30	0	0	27	26
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	87	22	65	0	84	27
01062	MOLYBDENUM, TOTAL (UG/L AS MO)	6	0	6	0	6	0
01065	NICKEL, DISSOLVED (UG/L AS NI)	117	52	65	0	111	53
01067	NICKEL, TOTAL (UG/L AS NI)	9	0	9	0	7	0
01075	SILVER, DISSOLVED (UG/L AS AG)	98	33	65	0	93	35
01077	SILVER, TOTAL (UG/L AS AG)	18	7	11	0	10	3
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	87	22	65	0	84	27
01082	STRONTIUM, TOTAL (UG/L AS SR)	6	0	6	0	6	0
01085	VANADIUM, DISSOLVED (UG/L AS V)	123	33	90	0	114	39
01087	VANADIUM, TOTAL (UG/L AS V)	6	0	6	0	6	0
01090	ZINC, DISSOLVED (UG/L AS ZN)	118	53	65	0	112	53
01092	ZINC, TOTAL (UG/L AS ZN)	25	14	11	0	17	10
01095	ANTIMONY, DISSOLVED (UG/L AS SB)	49	49	0	0	45	44
01100	TIN, DISSOLVED (UG/L AS SN)	19	19	0	0	18	18
01105	ALUMINUM, TOTAL (UG/L AS AL)	6	0	6	0	6	0
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	142	52	90	0	132	57
01110	CERIUM, DISSOLVED (UG/L AS CE)	65	0	65	0	65	8
01112	CERIUM, TOTAL (UG/L AS CE)	6	0	6	0	6	0
01130	LITHIUM, DISSOLVED (UG/L AS LI)	68	3	65	0	66	9
01132	LITHIUM, TOTAL (UG/L AS LI)	6	0	6	0	6	0
01140	SILICON, DISSOLVED (UG/L AS SI)	25	0	25	0	25	6
01145	SELENIUM, DISSOLVED (UG/L AS SE)	33	33	0	0	28	27
01147	SELENIUM, TOTAL (UG/L AS SE)	12	7	5	0	4	3
01150	TITANIUM, DISSOLVED (UG/L AS TI)	84	19	65	0	83	26
01152	TITANIUM, TOTAL (UG/L AS TI)	6	0	6	0	6	0
01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	65	0	65	0	65	8
01162	ZIRCONIUM, TOTAL (UG/L AS ZR)	6	0	6	0	6	0
01180	LANTHANUM, DISSOLVED (UG/L AS LA)	40	0	40	0	40	2
01182	LANTHANUM, TOTAL (UG/L AS LA)	6	0	6	0	6	0
01187	SCANDIUM, DISSOLVED (UG/L AS SC)	65	0	65	0	65	8
01189	SCANDIUM, TOTAL (UG/L AS SC)	6	0	6	0	6	0
01201	YTTRIUM, DISSOLVED (UG/L AS Y)	65	0	65	0	65	8
01203	YTTRIUM, TOTAL (UG/L AS Y)	6	0	6	0	6	0
01239	NIOBIUM, TOTAL UG/L	6	0	6	0	6	0
01243	HAFNIUM,TOTAL UG/L	6	0	6	0	6	0
01519	RADIATION, GROSS ALPHA, WHOLE WATER PC/L	1	1	0	0	1	1
04208	ANIONS, SUM, TOTAL, WATER MEQ/L	7	7	0	0	7	6
04226	CATIONS, SUM, TOTAL, WATER MEQ/L	7	7	0	0	7	6
11503	RADIUM 226 + RADIUM 228,TOTAL PC/L	1	1	0	0	1	1
11504	RADIUM 226 + RADIUM 228,TOTAL,COUNTING ERROR PC/L	1	1	0	0	1	1
22703	URANIUM, NATURAL, DISSOLVED	25	0	25	0	25	6
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	40	24	8	8	5	1
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	6	5	1	0	2	1
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	534	534	0	0	6	3
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	7	0	6	1	3	0
31651	PCB 1242/1248/1260 MISC MATRIX UG/G	3	0	1	2	1	0
31672	FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C48	537	536	1	0	7	3
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	4	4	0	0	4	4

Parameter Period of Record Tabulation
From 08/23/66 To 10/28/98

Parameter Code	Name	Total Obs	01/01/85 to 10/28/98	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
39036	ALKALINITY,FILTERED SAMPLE AS CACO3 MG/L	11	0	1	10	1	0
50098	CALCIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	19	19	0	0	18	18
50104	POTASSIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	19	19	0	0	18	18
50105	MAGNESIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	19	19	0	0	18	18
50108	SODIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	19	19	0	0	18	18
50576	HAFNIUM, DISSOLVED UG/L	40	0	40	0	40	2
50580	NIOBIUM, DISSOLVED UG/L	40	0	40	0	40	2
50700	FLUORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	19	0	19	0	19	4
50760	CHLORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	24	0	24	0	24	5
50761	BROMINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	10	0	10	0	10	1
50932	SULFUR, DISSOLVED AS S MG/L	19	19	0	0	18	18
50938	ANION - CATION RATIO	19	19	0	0	18	17
61027	ANIONS, SUM, TOTAL IN WATER MG/L	8	0	0	8	4	4
61206	E.COLI, WATER, MMO-MUG, MPN MPN/100ML	11	11	0	0	6	3
61278	BETA, GROSS, COUNTING ERROR, WHOLE WATER PCI/L	1	1	0	0	1	1
61279	ALPHA, GROSS, COUNTING ERROR, WHOLE WATER PCI/L	1	1	0	0	1	1
70295	RESIDUE,TOTAL FILTRABLE (DRIED AT ANY TEMP),MG/L	11	0	1	10	1	0
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	51	40	11	0	32	28
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	12	12	0	0	12	12
70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	5	5	0	0	5	4
71830	HYDROXIDE ION (MG/L AS OH)	9	4	5	0	1	0
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	10	0	1	9	1	0
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	11	1	1	9	2	0
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	1	0	1	0	1	0
71890	MERCURY, DISSOLVED (UG/L AS HG)	3	3	0	0	1	1
71900	MERCURY, TOTAL (UG/L AS HG)	12	7	5	0	4	3
72009	ELEVATION OF LAND SURFACE IN FEET (BM)	108	108	0	0	78	77
74010	IRON, TOTAL (MG/L AS FE)	9	4	5	0	1	0
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	43	43	0	0	43	43
82033	MAGNESIUM - TOTAL UG/L(AS MG)	6	0	6	0	6	0
82078	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	34	28	6	0	3	1
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	227	222	1	4	8	6
82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	189	185	4	0	34	31
82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	193	189	4	0	34	31
82331	DYSPROSIUM, DISSOLVED AS DY IN WATER UG/L	25	0	25	0	25	6
82364	THORIUM, TOTAL IN WATER UG/L	6	0	6	0	6	0
82365	THORIUM, DISSOLVED IN WATER UG/L	40	0	40	0	40	2
82398	SAMPLING METHOD (CODES)	14	3	1	10	2	1
84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	5	0	5	0	4	0
84001	AQUIFER NAME CODE (SEE USGS CATALOG)	5	0	5	0	4	0
84384	FECAL STREPTOCOCCI, YES=PRESENCE, NO=ABSENCE CODE	1	1	0	0	1	0
85817	BETA, GROSS, WATER, WHOLE, PC/L	1	1	0	0	1	1

Station/Parameter Period of Record Tabulation
From 08/23/66 To 10/28/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GRBA0078	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	03/25/82-10/30/84	2	5	
GRBA0001	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/08/80-07/08/80	0	1	
GRBA0002	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/08/80-07/08/80	0	1	
GRBA0003	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/08/80-07/08/80	0	1	
GRBA0004	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/08/80-07/08/80	0	1	
GRBA0005	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/08/81-07/08/81	0	1	
GRBA0008	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/09/80-07/09/80	0	1	
GRBA0009	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/09/80-07/09/80	0	1	
GRBA0011	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/15/80-07/15/80	0	1	
GRBA0012	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/15/80-07/15/80	0	1	
GRBA0013	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/17/94-08/17/94	0	1	
GRBA0014	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/17/94-08/17/94	0	1	
GRBA0015	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/17/94-08/17/94	0	1	
GRBA0016	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/17/94-08/17/94	0	1	
GRBA0017	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/17/94-08/17/94	0	1	
GRBA0018	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/17/94-08/17/94	0	1	
GRBA0019	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/17/94-08/17/94	0	1	
GRBA0020	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/17/94-08/17/94	0	1	
GRBA0021	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/16/94-08/16/94	0	1	
GRBA0022	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/93-11/02/95	2	3	
GRBA0023	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/17/94-08/17/94	0	1	
GRBA0024	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/16/94-08/16/94	0	1	
GRBA0025	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/16/94-08/16/94	0	1	
GRBA0026	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/09/90-07/09/90	0	1	
GRBA0027	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/16/94-08/16/94	0	1	
GRBA0028	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/18/94-08/18/94	0	1	
GRBA0029	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/01/81-07/01/81	0	1	
GRBA0030	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/31/94-08/31/94	0	1	
GRBA0031	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/23/94-08/23/94	0	1	
GRBA0032	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/19/92-08/19/92	0	1	
GRBA0033	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/93-06/12/96	2	5	
GRBA0034	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/31/94-08/31/94	0	1	
GRBA0035	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/09/90-07/09/90	0	1	
GRBA0036	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/09/80-07/09/80	0	1	
GRBA0037	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/09/80-07/09/80	0	1	
GRBA0038	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/03/92-09/03/92	0	1	
GRBA0039	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/24/94-08/24/94	0	1	
GRBA0040	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/09/95-06/09/95	0	1	
GRBA0041	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/01/94-09/01/94	0	1	
GRBA0042	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/03/92-09/03/92	0	1	
GRBA0043	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/03/92-09/03/92	0	1	
GRBA0044	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/03/90-10/20/95	5	6	
GRBA0046	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/01/94-09/01/94	0	1	
GRBA0047	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/03/92-09/03/92	0	1	
GRBA0048	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/03/92-09/03/92	0	1	
GRBA0049	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/03/92-09/03/92	0	1	
GRBA0050	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/03/92-09/03/92	0	1	
GRBA0051	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/03/92-09/03/92	0	1	
GRBA0052	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/24/79-09/27/79	0	3	
GRBA0053	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/30/81-06/30/81	0	1	
GRBA0055	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/23/66-07/09/75	8	10	
GRBA0056	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/03/92-09/03/92	0	1	
GRBA0057	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/30/92-08/30/92	0	2	
GRBA0058	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/03/90-06/12/96	5	7	
GRBA0059	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/03/92-09/03/92	0	1	
GRBA0060	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/03/90-07/03/90	0	1	
GRBA0062	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/03/92-09/03/92	0	1	
GRBA0063	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/03/90-06/12/96	5	7	
GRBA0065	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/03/92-09/03/92	0	1	
GRBA0066	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/03/92-09/03/92	0	1	
GRBA0067	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/03/92-09/03/92	0	1	
GRBA0068	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/03/92-09/03/92	0	1	
GRBA0069	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/03/92-09/03/92	0	1	
GRBA0071	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/03/92-09/03/92	0	1	
GRBA0072	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/13/93-10/20/95	2	5	
GRBA0073	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/03/92-09/03/92	0	1	
GRBA0074	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/03/92-09/03/92	0	1	
GRBA0075	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/24/79-09/27/79	0	3	
GRBA0076	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/03/92-09/03/92	0	1	
GRBA0077	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/03/92-09/03/92	0	1	
GRBA0078	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/21/82-11/16/88	6	8	
GRBA0079	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/03/90-07/03/90	0	1	

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

Station/Parameter Period of Record Tabulation
From 08/23/66 To 10/28/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GRBA0081	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/13/93-10/20/95	2	5	
GRBA0082	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/94-09/02/94	0	1	
GRBA0083	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/03/92-09/03/92	0	1	
GRBA0084	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/26/89-05/26/89	0	1	
GRBA0085	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/26/89-05/26/89	0	1	
GRBA0086	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/26/89-05/26/89	0	1	
GRBA0087	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/26/89-05/26/89	0	1	
GRBA0088	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/27/92-08/27/92	0	1	
GRBA0089	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/03/90-06/12/97	6	8	
GRBA0091	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/26/89-05/26/89	0	1	
GRBA0092	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/26/89-05/26/89	0	1	
GRBA0093	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/26/89-05/26/89	0	1	
GRBA0094	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/03/77-08/20/80	3	2	
GRBA0095	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/03/90-07/03/90	0	1	
GRBA0097	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/07/80-07/07/80	0	1	
GRBA0098	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/07/80-07/07/80	0	1	
GRBA0099	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/20/80-07/20/80	0	2	
GRBA0100	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/20/80-07/20/80	0	1	
GRBA0101	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/20/80-07/20/80	0	1	
GRBA0102	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/15/90-09/15/90	0	1	
GRBA0103	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/15/90-09/15/91	0	5	
GRBA0104	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/15/90-09/15/90	0	1	
GRBA0105	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/27/89-05/27/89	0	1	
GRBA0106	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/27/89-05/27/89	0	4	
GRBA0107	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/27/89-05/27/89	0	1	
GRBA0108	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/27/89-05/27/89	0	1	
GRBA0109	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/27/89-05/27/89	0	2	
GRBA0110	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/13/93-06/12/97	3	7	
GRBA0111	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/15/90-09/15/91	1	6	
GRBA0112	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/27/89-05/27/89	0	3	
GRBA0113	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/03/90-07/03/90	0	1	
GRBA0115	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/27/92-08/27/92	0	1	
GRBA0116	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/13/93-06/12/97	3	7	
GRBA0117	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/27/89-05/27/89	0	3	
GRBA0118	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/27/89-05/27/89	0	1	
GRBA0119	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/27/89-05/27/89	0	4	
GRBA0120	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/27/89-05/27/89	0	2	
GRBA0121	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/09/80-07/09/80	0	1	
GRBA0122	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/09/80-07/09/80	0	1	
GRBA0123	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/21/92-08/21/92	0	1	
GRBA0124	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/29/93-06/14/96	2	5	
GRBA0125	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/15/90-09/15/91	1	7	
GRBA0126	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/06/95-07/06/95	0	1	
GRBA0127	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/15/90-08/15/91	1	4	
GRBA0128	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/29/89-05/29/89	0	1	
GRBA0129	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/09/93-06/19/97	3	8	
GRBA0131	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/15/91-07/15/91	0	4	
GRBA0132	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/26/92-08/26/92	0	1	
GRBA0133	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/26/90-06/19/97	6	17	
GRBA0134	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/19/80-07/19/80	0	2	
GRBA0135	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/29/89-05/29/89	0	2	
GRBA0136	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/15/90-09/15/91	1	5	
GRBA0137	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/29/89-05/29/89	0	1	
GRBA0138	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/29/89-05/29/89	0	2	
GRBA0139	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/29/89-05/29/89	0	2	
GRBA0140	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/26/90-06/27/90	0	10	
GRBA0141	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/29/89-05/29/89	0	2	
GRBA0142	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/15/90-09/15/91	1	5	
GRBA0143	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/29/89-05/29/89	0	1	
GRBA0144	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/29/89-05/29/89	0	1	
GRBA0145	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/27/90-06/27/90	0	1	
GRBA0146	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/15/90-09/15/91	1	7	
GRBA0147	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/07/80-07/07/80	0	1	
GRBA0148	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/07/80-07/07/80	0	1	
GRBA0149	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/15/90-09/15/91	1	7	
GRBA0150	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/15/90-09/15/91	1	6	
GRBA0151	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/19/80-07/19/80	0	1	
GRBA0152	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/19/80-07/19/80	0	1	
GRBA0153	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/09/93-06/19/97	3	6	
GRBA0154	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/18/92-08/18/92	0	1	
GRBA0155	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/27/90-06/27/90	0	1	
GRBA0156	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/01/92-09/01/92	0	1	

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

Station/Parameter Period of Record Tabulation
From 08/23/66 To 10/28/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GRBA0157	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/18/92-08/18/92	0	1	
GRBA0158	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/15/90-09/15/91	1	6	
GRBA0159	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/01/92-09/01/92	0	1	
GRBA0160	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/01/92-09/01/92	0	1	
GRBA0161	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/15/90-09/15/91	1	8	
GRBA0162	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/27/90-06/27/90	0	1	
GRBA0165	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/01/92-09/01/92	0	1	
GRBA0166	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/01/92-09/01/92	0	1	
GRBA0169	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/21/93-10/26/95	2	5	
GRBA0170	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/08/81-07/08/81	0	1	
GRBA0171	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/01/92-09/01/92	0	1	
GRBA0173	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/11/94-08/11/94	0	1	
GRBA0174	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/13/80-07/13/80	0	2	
GRBA0175	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/11/94-08/11/94	0	1	
GRBA0176	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/12/90-07/12/90	0	1	
GRBA0177	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/29/92-08/29/92	0	1	
GRBA0178	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/93-06/14/96	2	6	
GRBA0179	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/12/90-07/12/90	0	1	
GRBA0180	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/93-10/23/95	2	5	
GRBA0181	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/12/90-07/12/90	0	1	
GRBA0182	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/01/92-09/01/92	0	1	
GRBA0183	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/92-09/02/92	0	1	
GRBA0184	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/01/92-09/01/92	0	1	
GRBA0185	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/11/94-08/11/94	0	1	
GRBA0186	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/27/90-06/27/90	0	1	
GRBA0187	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/11/94-08/11/94	0	1	
GRBA0188	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/15/90-09/15/91	1	8	
GRBA0189	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/11/94-08/11/94	0	1	
GRBA0190	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/01/92-09/01/92	0	1	
GRBA0191	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/01/92-09/01/92	0	1	
GRBA0192	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/27/90-06/27/90	0	1	
GRBA0193	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/15/92-10/16/92	0	8	
GRBA0194	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/21/93-06/12/96	2	6	
GRBA0195	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/92-09/02/92	0	1	
GRBA0196	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/21/93-10/26/95	2	5	
GRBA0197	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/11/94-08/11/94	0	1	
GRBA0198	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/92-09/02/92	0	1	
GRBA0199	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/29/92-08/29/92	0	1	
GRBA0200	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/93-06/14/96	2	6	
GRBA0201	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/12/90-07/12/90	0	1	
GRBA0202	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/94-08/10/94	0	1	
GRBA0203	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/92-09/02/92	0	1	
GRBA0204	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/94-08/10/94	0	1	
GRBA0205	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/94-08/10/94	0	1	
GRBA0206	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/94-08/10/94	0	1	
GRBA0207	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/92-09/02/92	0	1	
GRBA0208	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/94-08/10/94	0	1	
GRBA0209	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/92-09/02/92	0	1	
GRBA0211	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/15/90-09/15/91	1	7	
GRBA0213	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/89-05/23/89	0	1	
GRBA0214	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/23/81-07/23/81	0	1	
GRBA0215	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/89-05/23/89	0	1	
GRBA0216	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/89-05/23/89	0	1	
GRBA0218	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/21/90-06/21/90	0	1	
GRBA0220	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/15/90-09/15/91	1	8	
GRBA0221	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/89-05/23/89	0	2	
GRBA0222	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/89-05/23/89	0	2	
GRBA0223	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/23/92-08/23/92	0	1	
GRBA0224	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/06/93-06/05/97	3	7	
GRBA0226	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/89-05/23/89	0	2	
GRBA0227	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/89-05/23/89	0	1	
GRBA0228	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/89-05/23/89	0	1	
GRBA0229	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/89-05/23/89	0	1	
GRBA0230	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/89-05/23/89	0	1	
GRBA0231	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/21/90-06/21/90	0	1	
GRBA0232	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/89-05/23/89	0	1	
GRBA0233	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/15/90-09/15/91	1	8	
GRBA0234	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/21/90-06/21/90	0	1	
GRBA0236	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/89-05/23/89	0	1	
GRBA0237	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/23/92-08/23/92	0	1	
GRBA0238	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/06/93-06/05/97	3	7	
GRBA0239	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/89-05/23/89	0	1	

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

Station/Parameter Period of Record Tabulation
From 08/23/66 To 10/28/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GRBA0240	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/89-05/23/89	0	1	
GRBA0241	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/89-05/23/89	0	1	
GRBA0242	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/09/94-08/09/94	0	1	
GRBA0243	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/24/89-05/24/89	0	1	
GRBA0244	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/24/89-05/24/89	0	2	
GRBA0245	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/23/92-08/23/92	0	1	
GRBA0246	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/06/93-06/05/97	3	7	
GRBA0247	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/21/90-06/21/90	0	1	
GRBA0249	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/24/89-05/24/89	0	2	
GRBA0250	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/24/89-05/24/89	0	2	
GRBA0252	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/20/92-08/20/92	0	2	
GRBA0253	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/93-06/14/96	2	6	
GRBA0255	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/24/89-05/24/89	0	2	
GRBA0256	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/02/89-03/02/89	0	1	
GRBA0258	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/24/89-05/24/89	0	1	
GRBA0259	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/15/90-09/15/91	1	8	
GRBA0260	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/24/89-05/24/89	0	2	
GRBA0261	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/12/90-07/12/90	0	1	
GRBA0262	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/21/90-06/21/90	0	1	
GRBA0263	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/24/89-05/24/89	0	2	
GRBA0264	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/12/90-06/14/95	4	5	
GRBA0265	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/11/72-01/11/72	0	1	
GRBA0266	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/24/89-05/24/89	0	2	
GRBA0268	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/24/89-05/24/89	0	2	
GRBA0269	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/07/68-01/11/72	3	2	
GRBA0270	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/06/68-12/06/68	0	1	
GRBA0271	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/07/68-12/07/68	0	1	
GRBA0272	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/11/72-01/11/72	0	1	
GRBA0273	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/05/68-01/11/72	3	6	
GRBA0275	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/09/94-08/09/94	0	1	
GRBA0276	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/92-09/02/92	0	1	
GRBA0277	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/92-09/02/92	0	1	
GRBA0278	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/92-09/02/92	0	1	
GRBA0279	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/09/94-08/09/94	0	1	
GRBA0280	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/92-09/02/92	0	1	
GRBA0283	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/15/90-09/15/91	1	8	
GRBA0284	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/28/98-10/28/98	0	1	
GRBA0285	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/28/98-10/28/98	0	1	
GRBA0286	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/28/98-10/28/98	0	1	
GRBA0288	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/28/98-10/28/98	0	1	
GRBA0290	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/15/90-07/15/91	0	5	
GRBA0293	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/28/98-10/28/98	0	1	
GRBA0294	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/28/98-10/28/98	0	1	
GRBA0297	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/92-09/02/92	0	1	
GRBA0298	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/15/92-10/16/92	0	5	
GRBA0299	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/21/90-10/28/98	8	8	
GRBA0300	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/92-09/02/92	0	1	
GRBA0301	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/92-09/02/92	0	1	
GRBA0308	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/92-09/02/92	0	1	
GRBA0309	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/92-09/02/92	0	1	
GRBA0310	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/15/90-09/15/91	1	8	
GRBA0311	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/15/90-09/15/91	1	8	
GRBA0312	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/01/95-08/28/95	0	27	
GRBA0315	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/03/90-11/30/90	0	216	
GRBA0318	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/21/90-06/07/96	5	7	
GRBA0320	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/92-09/02/92	0	1	
GRBA0322	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/27/87-10/25/89	2	3	
GRBA0325	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/15/90-09/15/91	1	6	
GRBA0327	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/06/93-10/27/95	2	5	
GRBA0328	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/92-09/02/92	0	1	
GRBA0331	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/15/90-09/15/91	1	7	
GRBA0332	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/21/90-06/21/90	0	1	
GRBA0339	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/15/90-09/15/91	1	9	
GRBA0340	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/15/90-09/15/91	1	8	
GRBA0341	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/15/90-05/15/91	0	4	
GRBA0342	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/15/91-09/15/91	0	2	
GRBA0345	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/21/90-06/21/90	0	1	
GRBA0348	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/10/80-07/10/80	0	1	
GRBA0349	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/10/80-07/10/80	0	1	
GRBA0354	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/21/90-06/21/90	0	1	
GRBA0356	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/21/93-10/27/95	2	5	
GRBA0359	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/15/90-09/15/91	1	9	

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

Station/Parameter Period of Record Tabulation
From 08/23/66 To 10/28/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GRBA0360	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/12/80-07/12/80	0	1	
GRBA0361	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/12/80-07/12/80	0	1	
GRBA0368	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/10/80-07/10/80	0	1	
GRBA0369	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/10/80-07/10/80	0	1	
GRBA0371	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/06/81-07/06/81	0	1	
GRBA0372	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/10/80-07/10/80	0	1	
GRBA0373	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/10/80-07/10/80	0	1	
GRBA0377	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/29/93-11/02/95	2	5	
GRBA0378	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/28/92-08/28/92	0	1	
GRBA0379	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/29/93-06/12/96	2	6	
GRBA0385	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/10/80-07/10/80	0	2	
GRBA0387	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/06/90-07/06/90	0	1	
GRBA0388	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/29/93-05/29/96	2	6	
GRBA0390	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/06/90-10/25/95	5	6	
GRBA0393	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/06/90-05/29/96	5	7	
GRBA0394	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/22/92-08/22/92	0	2	
GRBA0395	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/30/81-06/30/81	0	1	
GRBA0407	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/11/80-07/11/80	0	1	
GRBA0408	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/11/80-07/11/80	0	1	
GRBA0414	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/04/80-07/04/80	0	1	
GRBA0415	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/04/80-07/04/80	0	1	
GRBA0416	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/08/80-07/08/80	0	1	
GRBA0417	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/08/80-07/08/80	0	1	
GRBA0420	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/04/80-07/04/80	0	1	
GRBA0421	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/04/80-07/04/80	0	1	
GRBA0424	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/08/80-07/08/80	0	1	
GRBA0425	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/08/80-07/08/80	0	1	
GRBA0426	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/04/80-07/04/80	0	1	
GRBA0427	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/04/80-07/04/80	0	1	
GRBA0322	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/21/88-10/25/89	1	2	
GRBA0322	Yes	00025	BAROMETRIC PRESSURE (MM OF HG)	08/27/87-10/25/89	2	3	
GRBA0006	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	06/14/83-06/14/83	0	1	
GRBA0007	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	06/14/83-06/14/83	0	1	
GRBA0010	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	06/14/83-06/14/83	0	1	
GRBA0322	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	08/27/87-10/25/89	2	3	
GRBA0006	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	06/14/83-06/14/83	0	1	
GRBA0007	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	06/14/83-06/14/83	0	1	
GRBA0010	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	06/14/83-06/14/83	0	1	
GRBA0214	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	07/23/81-07/23/81	0	1	
GRBA0322	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	08/27/87-10/25/89	2	3	
GRBA0013	Yes	00058	FLOW, RATE GALLONS/MIN	08/17/94-08/17/94	0	1	
GRBA0014	Yes	00058	FLOW, RATE GALLONS/MIN	08/17/94-08/17/94	0	1	
GRBA0015	Yes	00058	FLOW, RATE GALLONS/MIN	08/17/94-08/17/94	0	1	
GRBA0016	Yes	00058	FLOW, RATE GALLONS/MIN	08/17/94-08/17/94	0	1	
GRBA0017	Yes	00058	FLOW, RATE GALLONS/MIN	08/17/94-08/17/94	0	1	
GRBA0018	Yes	00058	FLOW, RATE GALLONS/MIN	08/17/94-08/17/94	0	1	
GRBA0019	Yes	00058	FLOW, RATE GALLONS/MIN	08/17/94-08/17/94	0	1	
GRBA0020	Yes	00058	FLOW, RATE GALLONS/MIN	08/17/94-08/17/94	0	1	
GRBA0021	Yes	00058	FLOW, RATE GALLONS/MIN	08/16/94-08/16/94	0	1	
GRBA0023	Yes	00058	FLOW, RATE GALLONS/MIN	08/17/94-08/17/94	0	1	
GRBA0024	Yes	00058	FLOW, RATE GALLONS/MIN	08/16/94-08/16/94	0	1	
GRBA0025	Yes	00058	FLOW, RATE GALLONS/MIN	08/16/94-08/16/94	0	1	
GRBA0027	Yes	00058	FLOW, RATE GALLONS/MIN	08/16/94-08/16/94	0	1	
GRBA0028	Yes	00058	FLOW, RATE GALLONS/MIN	08/18/94-08/18/94	0	1	
GRBA0030	Yes	00058	FLOW, RATE GALLONS/MIN	08/31/94-08/31/94	0	1	
GRBA0031	Yes	00058	FLOW, RATE GALLONS/MIN	08/23/94-08/23/94	0	1	
GRBA0034	Yes	00058	FLOW, RATE GALLONS/MIN	08/31/94-08/31/94	0	1	
GRBA0039	Yes	00058	FLOW, RATE GALLONS/MIN	08/24/94-08/24/94	0	1	
GRBA0041	Yes	00058	FLOW, RATE GALLONS/MIN	09/01/94-09/01/94	0	1	
GRBA0046	Yes	00058	FLOW, RATE GALLONS/MIN	09/01/94-09/01/94	0	1	
GRBA0082	Yes	00058	FLOW, RATE GALLONS/MIN	09/02/94-09/02/94	0	1	
GRBA0173	Yes	00058	FLOW, RATE GALLONS/MIN	08/11/94-08/11/94	0	1	
GRBA0175	Yes	00058	FLOW, RATE GALLONS/MIN	08/11/94-08/11/94	0	1	
GRBA0185	Yes	00058	FLOW, RATE GALLONS/MIN	08/11/94-08/11/94	0	1	
GRBA0187	Yes	00058	FLOW, RATE GALLONS/MIN	08/11/94-08/11/94	0	1	
GRBA0197	No	00058	FLOW, RATE GALLONS/MIN	08/11/94-08/11/94	0	1	
GRBA0202	Yes	00058	FLOW, RATE GALLONS/MIN	08/10/94-08/10/94	0	1	
GRBA0204	Yes	00058	FLOW, RATE GALLONS/MIN	08/10/94-08/10/94	0	1	
GRBA0205	Yes	00058	FLOW, RATE GALLONS/MIN	08/10/94-08/10/94	0	1	
GRBA0206	Yes	00058	FLOW, RATE GALLONS/MIN	08/10/94-08/10/94	0	1	
GRBA0208	Yes	00058	FLOW, RATE GALLONS/MIN	08/10/94-08/10/94	0	1	
GRBA0242	Yes	00058	FLOW, RATE GALLONS/MIN	08/09/94-08/09/94	0	1	

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Station/Parameter Period of Record Tabulation
From 08/23/66 To 10/28/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GRBA0275	Yes	00058	FLOW, RATE GALLONS/MIN	08/09/94-08/09/94	0	1	
GRBA0279	Yes	00058	FLOW, RATE GALLONS/MIN	08/09/94-08/09/94	0	1	
GRBA0312	Yes	00058	FLOW, RATE GALLONS/MIN	08/01/95-08/27/95	0	23	
GRBA0032	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/19/92-08/19/92	0	1	
GRBA0038	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/03/92-09/03/92	0	1	
GRBA0042	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/03/92-09/03/92	0	1	
GRBA0043	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/03/92-09/03/92	0	1	
GRBA0044	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	10/20/95-10/20/95	0	1	
GRBA0047	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/03/92-09/03/92	0	1	
GRBA0048	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/03/92-09/03/92	0	1	
GRBA0049	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/03/92-09/03/92	0	1	
GRBA0050	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/03/92-09/03/92	0	1	
GRBA0051	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/03/92-09/03/92	0	1	
GRBA0056	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/03/92-09/03/92	0	1	
GRBA0057	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/30/92-08/30/92	0	1	
GRBA0058	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	10/20/95-10/20/95	0	1	
GRBA0059	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/03/92-09/03/92	0	1	
GRBA0062	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/03/92-09/03/92	0	1	
GRBA0063	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	10/20/95-10/20/95	0	1	
GRBA0065	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/03/92-09/03/92	0	1	
GRBA0066	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/03/92-09/03/92	0	2	
GRBA0067	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/03/92-09/03/92	0	1	
GRBA0068	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/03/92-09/03/92	0	1	
GRBA0069	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/03/92-09/03/92	0	1	
GRBA0071	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/03/92-09/03/92	0	1	
GRBA0073	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/03/92-09/03/92	0	1	
GRBA0074	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/03/92-09/03/92	0	1	
GRBA0076	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/03/92-09/03/92	0	1	
GRBA0077	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/03/92-09/03/92	0	1	
GRBA0078	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	03/25/82-11/16/88	6	8	
GRBA0083	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/03/92-09/03/92	0	1	
GRBA0123	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/21/92-08/21/92	0	1	
GRBA0156	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/01/92-09/01/92	0	1	
GRBA0157	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/18/92-08/18/92	0	1	
GRBA0159	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/01/92-09/01/92	0	1	
GRBA0160	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/01/92-09/01/92	0	1	
GRBA0164	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/01/92-09/01/92	0	1	
GRBA0165	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/01/92-09/01/92	0	1	
GRBA0166	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/01/92-09/01/92	0	1	
GRBA0171	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/01/92-09/01/92	0	1	
GRBA0177	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/29/92-08/29/92	0	1	
GRBA0180	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	10/23/95-10/23/95	0	1	
GRBA0182	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/01/92-09/01/92	0	1	
GRBA0183	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/02/92-09/02/92	0	1	
GRBA0184	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/01/92-09/01/92	0	1	
GRBA0190	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/01/92-09/01/92	0	1	
GRBA0191	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/01/92-09/01/92	0	1	
GRBA0193	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	07/15/92-10/16/92	0	4	
GRBA0194	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	06/07/95-10/26/95	0	2	
GRBA0195	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/02/92-09/02/92	0	1	
GRBA0198	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/02/92-09/02/92	0	1	
GRBA0199	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/29/92-08/29/92	0	1	
GRBA0203	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/02/92-09/02/92	0	1	
GRBA0207	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/02/92-09/02/92	0	1	
GRBA0209	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/02/92-09/02/92	0	1	
GRBA0252	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/20/92-08/20/92	0	1	
GRBA0253	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	10/23/95-10/23/95	0	1	
GRBA0274	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/01/92-09/01/92	0	1	
GRBA0276	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/02/92-09/02/92	0	1	
GRBA0277	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/02/92-09/02/92	0	1	
GRBA0278	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/02/92-09/02/92	0	1	
GRBA0280	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/02/92-09/02/92	0	1	
GRBA0297	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/02/92-09/02/92	0	1	
GRBA0298	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	07/15/92-10/16/92	0	4	
GRBA0299	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	06/08/95-10/27/95	0	2	
GRBA0300	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/02/92-09/02/92	0	1	
GRBA0301	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/02/92-09/02/92	0	1	
GRBA0302	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/01/92-09/01/92	0	1	
GRBA0303	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/01/92-09/01/92	0	1	
GRBA0304	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/01/92-09/01/92	0	1	
GRBA0308	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/02/92-09/02/92	0	1	
GRBA0309	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/02/92-09/02/92	0	1	

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Station/Parameter Period of Record Tabulation
From 08/23/66 To 10/28/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GRBA0320	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/02/92-09/02/92	0	1	
GRBA0321	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/01/92-09/01/92	0	1	
GRBA0322	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/27/87-10/25/89	2	3	
GRBA0328	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/02/92-09/02/92	0	1	
GRBA0329	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/01/92-09/01/92	0	1	
GRBA0330	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/01/92-09/01/92	0	1	
GRBA0335	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/01/92-09/01/92	0	1	
GRBA0336	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/01/92-09/01/92	0	1	
GRBA0343	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/01/92-09/01/92	0	1	
GRBA0347	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/01/92-09/01/92	0	1	
GRBA0351	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/01/92-09/01/92	0	1	
GRBA0352	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/01/92-09/01/92	0	1	
GRBA0378	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/28/92-08/28/92	0	1	
GRBA0390	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	10/25/95-10/25/95	0	1	
GRBA0394	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/22/92-08/22/92	0	1	
GRBA0032	Yes	00064	DEPTH OF STREAM, MEAN (FT)	08/19/92-08/19/92	0	1	
GRBA0057	Yes	00064	DEPTH OF STREAM, MEAN (FT)	08/30/92-08/30/92	0	1	
GRBA0123	Yes	00064	DEPTH OF STREAM, MEAN (FT)	08/21/92-08/21/92	0	1	
GRBA0154	Yes	00064	DEPTH OF STREAM, MEAN (FT)	08/18/92-08/18/92	0	1	
GRBA0157	Yes	00064	DEPTH OF STREAM, MEAN (FT)	08/18/92-08/18/92	0	1	
GRBA0177	Yes	00064	DEPTH OF STREAM, MEAN (FT)	08/29/92-08/29/92	0	1	
GRBA0193	Yes	00064	DEPTH OF STREAM, MEAN (FT)	07/15/92-10/16/92	0	4	
GRBA0199	Yes	00064	DEPTH OF STREAM, MEAN (FT)	08/29/92-08/29/92	0	1	
GRBA0252	Yes	00064	DEPTH OF STREAM, MEAN (FT)	08/20/92-08/20/92	0	1	
GRBA0298	Yes	00064	DEPTH OF STREAM, MEAN (FT)	07/15/92-10/16/92	0	4	
GRBA0378	Yes	00064	DEPTH OF STREAM, MEAN (FT)	08/28/92-08/28/92	0	1	
GRBA0394	Yes	00064	DEPTH OF STREAM, MEAN (FT)	08/22/92-08/22/92	0	1	
GRBA0322	Yes	00065	STAGE, STREAM (FEET)	09/21/88-10/25/89	1	2	
GRBA0078	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/25/82-11/16/88	6	9	
GRBA0170	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/08/81-07/08/81	0	1	
GRBA0322	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/27/87-09/21/88	1	2	
GRBA0055	No	00080	COLOR (PLATINUM-COBALT UNITS)	08/23/66-07/09/75	8	10	
GRBA0167	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	07/22/88-07/22/88	0	1	
GRBA0172	No	00080	COLOR (PLATINUM-COBALT UNITS)	04/15/88-04/15/88	0	1	
GRBA0282	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	01/22/90-01/22/90	0	1	
GRBA0291	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	07/22/88-07/22/88	0	1	
GRBA0313	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	07/22/87-07/22/87	0	1	
GRBA0323	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	07/22/88-07/22/88	0	1	
GRBA0282	Yes	00086	ODOR (THRESHOLD NUMBER AT 60 DEG C)	01/22/90-01/22/90	0	1	
GRBA0084	Yes	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	05/26/89-05/26/89	0	1	
GRBA0085	Yes	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	05/26/89-05/26/89	0	1	
GRBA0086	Yes	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	05/26/89-05/26/89	0	1	
GRBA0087	Yes	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	05/26/89-05/26/89	0	1	
GRBA0091	Yes	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	05/26/89-05/26/89	0	1	
GRBA0093	Yes	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	05/26/89-05/26/89	0	1	
GRBA0107	Yes	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	05/27/89-05/27/89	0	1	
GRBA0108	Yes	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	05/27/89-05/27/89	0	1	
GRBA0112	Yes	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	05/27/89-05/27/89	0	2	
GRBA0117	Yes	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	05/27/89-05/27/89	0	1	
GRBA0118	Yes	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	05/27/89-05/27/89	0	1	
GRBA0119	Yes	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	05/27/89-05/27/89	0	1	
GRBA0137	Yes	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	05/29/89-05/29/89	0	1	
GRBA0138	Yes	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	05/29/89-05/29/89	0	1	
GRBA0143	Yes	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	05/29/89-05/29/89	0	1	
GRBA0213	Yes	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	05/23/89-05/23/89	0	1	
GRBA0230	Yes	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	05/23/89-05/23/89	0	1	
GRBA0232	Yes	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	05/23/89-05/23/89	0	1	
GRBA0244	Yes	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	05/24/89-05/24/89	0	1	
GRBA0255	Yes	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	05/24/89-05/24/89	0	2	
GRBA0266	Yes	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	05/24/89-05/24/89	0	1	
GRBA0013	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/17/94-08/17/94	0	1	
GRBA0015	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/17/94-08/17/94	0	1	
GRBA0016	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/17/94-08/17/94	0	1	
GRBA0017	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/17/94-08/17/94	0	1	
GRBA0019	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/17/94-08/17/94	0	1	
GRBA0020	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/17/94-08/17/94	0	1	
GRBA0021	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/16/94-08/16/94	0	1	
GRBA0022	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/22/91-11/02/95	4	5	
GRBA0023	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/17/94-08/17/94	0	1	
GRBA0024	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/16/94-08/16/94	0	1	
GRBA0025	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/16/94-08/16/94	0	1	
GRBA0027	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM 25C)	08/16/94-08/16/94	0	1	

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

Station/Parameter Period of Record Tabulation
From 08/23/66 To 10/28/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GRBA0028	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/18/94-08/18/94	0	1	
GRBA0030	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/31/94-08/31/94	0	1	
GRBA0031	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/23/94-08/23/94	0	1	
GRBA0033	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/22/91-06/12/96	4	7	
GRBA0034	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/31/94-08/31/94	0	1	
GRBA0039	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/24/94-08/24/94	0	1	
GRBA0040	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/09/95-06/09/95	0	1	
GRBA0041	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/01/94-09/01/94	0	1	
GRBA0044	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/15/91-10/20/95	4	7	
GRBA0045	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/28/89-05/28/89	0	1	
GRBA0046	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/01/94-09/01/94	0	1	
GRBA0054	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/28/89-05/28/89	0	1	
GRBA0058	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/15/91-06/12/96	4	8	
GRBA0061	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/28/89-05/28/89	0	1	
GRBA0063	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/15/91-06/12/96	4	8	
GRBA0064	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/28/89-05/28/89	0	1	
GRBA0070	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/28/89-05/28/89	0	1	
GRBA0072	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/21/92-10/20/95	2	6	
GRBA0078	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/21/82-11/16/88	6	8	
GRBA0080	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/27/89-05/27/89	0	1	
GRBA0081	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/15/91-10/20/95	4	7	
GRBA0082	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/02/94-09/02/94	0	1	
GRBA0084	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/26/89-05/26/89	0	1	
GRBA0085	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/26/89-05/26/89	0	1	
GRBA0086	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/26/89-05/26/89	0	1	
GRBA0087	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/26/89-05/26/89	0	1	
GRBA0089	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/17/91-06/09/96	4	8	
GRBA0090	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/26/89-05/26/89	0	1	
GRBA0091	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/26/89-05/26/89	0	1	
GRBA0092	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/26/89-05/26/89	0	1	
GRBA0093	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/26/89-05/26/89	0	1	
GRBA0096	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/27/89-05/27/89	0	1	
GRBA0105	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/27/89-05/27/89	0	1	
GRBA0106	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/27/89-05/27/89	0	4	
GRBA0107	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/27/89-05/27/89	0	1	
GRBA0108	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/27/89-05/27/89	0	1	
GRBA0109	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/27/89-05/27/89	0	2	
GRBA0110	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/17/91-06/09/96	4	8	
GRBA0112	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/27/89-05/27/89	0	3	
GRBA0114	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/27/89-05/27/89	0	1	
GRBA0116	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/17/91-06/09/96	4	8	
GRBA0117	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/27/89-05/27/89	0	3	
GRBA0118	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/27/89-05/27/89	0	1	
GRBA0119	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/27/89-05/27/89	0	4	
GRBA0120	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/27/89-05/27/89	0	2	
GRBA0124	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/29/93-06/14/96	2	5	
GRBA0126	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/06/95-07/06/95	0	1	
GRBA0128	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/29/89-05/29/89	0	1	
GRBA0129	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/09/91-06/19/97	5	10	
GRBA0130	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/29/89-05/29/89	0	1	
GRBA0133	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/09/91-06/19/97	5	8	
GRBA0135	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/29/89-05/29/89	0	2	
GRBA0137	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/29/89-05/29/89	0	1	
GRBA0138	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/29/89-05/29/89	0	2	
GRBA0139	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/29/89-05/29/89	0	2	
GRBA0141	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/29/89-05/29/89	0	2	
GRBA0143	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/29/89-05/29/89	0	1	
GRBA0144	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/29/89-05/29/89	0	1	
GRBA0153	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/09/91-06/19/97	5	8	
GRBA0163	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/30/89-05/30/89	0	1	
GRBA0169	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/15/91-10/26/95	4	7	
GRBA0170	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/08/81-07/08/81	0	1	
GRBA0173	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/11/94-08/11/94	0	1	
GRBA0175	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/11/94-08/11/94	0	1	
GRBA0178	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/24/91-06/14/96	4	8	
GRBA0180	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/24/91-10/23/95	3	7	
GRBA0185	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/11/94-08/11/94	0	1	
GRBA0187	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/11/94-08/11/94	0	1	
GRBA0189	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/11/94-08/11/94	0	1	
GRBA0194	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/15/91-06/12/96	4	8	
GRBA0196	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/15/91-10/26/95	4	7	
GRBA0197	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM 25C)	08/11/94-08/11/94	0	1	

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

Station/Parameter Period of Record Tabulation
From 08/23/66 To 10/28/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GRBA0200	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/24/91-06/14/96	4	8	
GRBA0202	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/10/94-08/10/94	0	1	
GRBA0204	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/10/94-08/10/94	0	1	
GRBA0205	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/10/94-08/10/94	0	1	
GRBA0206	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/10/94-08/10/94	0	1	
GRBA0208	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/10/94-08/10/94	0	1	
GRBA0210	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/31/89-05/31/89	0	1	
GRBA0212	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/23/89-05/23/89	0	1	
GRBA0213	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/23/89-05/23/89	0	1	
GRBA0215	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/23/89-05/23/89	0	1	
GRBA0216	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/23/89-05/23/89	0	1	
GRBA0217	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/28/89-02/28/89	0	1	
GRBA0221	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/23/89-05/23/89	0	2	
GRBA0222	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/23/89-05/23/89	0	2	
GRBA0224	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/07/91-06/05/97	5	9	
GRBA0225	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/23/89-05/23/89	0	2	
GRBA0226	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/23/89-05/23/89	0	2	
GRBA0227	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/23/89-05/23/89	0	1	
GRBA0228	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/23/89-05/23/89	0	1	
GRBA0229	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/23/89-05/23/89	0	1	
GRBA0230	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/23/89-05/23/89	0	1	
GRBA0232	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/23/89-05/23/89	0	1	
GRBA0235	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/23/89-05/23/89	0	1	
GRBA0236	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/23/89-05/23/89	0	1	
GRBA0238	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/07/91-06/05/97	5	9	
GRBA0239	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/23/89-05/23/89	0	1	
GRBA0240	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/23/89-05/23/89	0	1	
GRBA0241	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/23/89-05/23/89	0	1	
GRBA0242	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/09/94-08/09/94	0	1	
GRBA0243	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/24/89-05/24/89	0	1	
GRBA0244	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/24/89-05/24/89	0	2	
GRBA0246	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/07/91-06/05/97	5	9	
GRBA0248	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/01/89-03/01/89	0	1	
GRBA0249	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/24/89-05/24/89	0	2	
GRBA0250	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/24/89-05/24/89	0	2	
GRBA0251	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/24/89-05/24/89	0	1	
GRBA0253	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/24/91-06/14/96	4	8	
GRBA0254	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/31/89-05/31/89	0	1	
GRBA0255	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/24/89-05/24/89	0	2	
GRBA0256	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/02/89-03/02/89	0	1	
GRBA0257	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/01/89-03/01/89	0	2	
GRBA0258	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/24/89-05/24/89	0	1	
GRBA0260	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/24/89-05/24/89	0	2	
GRBA0263	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/24/89-05/24/89	0	2	
GRBA0264	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/24/91-06/14/95	3	6	
GRBA0266	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/24/89-05/24/89	0	2	
GRBA0268	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/24/89-05/24/89	0	2	
GRBA0275	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/09/94-08/09/94	0	1	
GRBA0279	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/09/94-08/09/94	0	1	
GRBA0281	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/05/89-03/05/89	0	1	
GRBA0284	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/28/98-10/28/98	0	1	
GRBA0285	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/28/98-10/28/98	0	1	
GRBA0286	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/28/98-10/28/98	0	1	
GRBA0288	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/28/98-10/28/98	0	1	
GRBA0293	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/28/98-10/28/98	0	1	
GRBA0294	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/28/98-10/28/98	0	1	
GRBA0299	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/07/91-10/28/98	7	9	
GRBA0305	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/24/89-05/24/89	0	1	
GRBA0306	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/03/89-03/03/89	0	1	
GRBA0318	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/07/91-06/07/96	4	8	
GRBA0327	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/07/91-10/27/95	4	7	
GRBA0333	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/28/89-05/28/89	0	1	
GRBA0334	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/31/89-05/31/89	0	2	
GRBA0346	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/28/89-05/28/89	0	1	
GRBA0355	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/28/89-05/28/89	0	1	
GRBA0356	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/07/91-10/27/95	4	7	
GRBA0377	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/29/93-11/02/95	2	5	
GRBA0379	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/29/93-06/12/96	2	6	
GRBA0388	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/30/91-05/29/96	4	8	
GRBA0390	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/30/91-10/25/95	4	7	
GRBA0393	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/30/91-05/29/96	4	8	
GRBA0032	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM 25C)	08/19/92-08/19/92	0	1	

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

Station/Parameter Period of Record Tabulation
From 08/23/66 To 10/28/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GRBA0038	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/03/92-09/03/92	0	1	
GRBA0042	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/03/92-09/03/92	0	1	
GRBA0043	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/03/92-09/03/92	0	1	
GRBA0047	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/03/92-09/03/92	0	1	
GRBA0048	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/03/92-09/03/92	0	1	
GRBA0049	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/03/92-09/03/92	0	1	
GRBA0050	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/03/92-09/03/92	0	1	
GRBA0051	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/03/92-09/03/92	0	1	
GRBA0056	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/03/92-09/03/92	0	1	
GRBA0057	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/30/92-08/30/92	0	2	
GRBA0059	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/03/92-09/03/92	0	1	
GRBA0062	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/03/92-09/03/92	0	1	
GRBA0065	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/03/92-09/03/92	0	1	
GRBA0066	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/03/92-09/03/92	0	1	
GRBA0067	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/03/92-09/03/92	0	1	
GRBA0068	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/03/92-09/03/92	0	1	
GRBA0069	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/03/92-09/03/92	0	1	
GRBA0071	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/03/92-09/03/92	0	1	
GRBA0073	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/03/92-09/03/92	0	1	
GRBA0074	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/03/92-09/03/92	0	1	
GRBA0076	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/03/92-09/03/92	0	1	
GRBA0077	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/03/92-09/03/92	0	1	
GRBA0078	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/25/82-11/16/88	6	9	
GRBA0083	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/03/92-09/03/92	0	1	
GRBA0088	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/27/92-08/27/92	0	1	
GRBA0094	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/03/77-08/20/80	3	2	
GRBA0102	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/15/90-09/15/90	0	1	
GRBA0103	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/15/90-09/15/91	0	5	
GRBA0104	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/15/90-09/15/90	0	1	
GRBA0111	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/15/90-09/15/91	1	6	
GRBA0115	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/27/92-08/27/92	0	1	
GRBA0123	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/21/92-08/21/92	0	1	
GRBA0125	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/15/90-09/15/91	1	7	
GRBA0127	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/15/90-08/15/91	1	4	
GRBA0131	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/15/91-07/15/91	0	4	
GRBA0132	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/26/92-08/26/92	0	1	
GRBA0136	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/15/90-09/15/91	1	5	
GRBA0142	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/15/90-09/15/91	1	5	
GRBA0146	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/15/90-09/15/91	1	7	
GRBA0149	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/15/90-09/15/91	1	7	
GRBA0150	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/15/90-09/15/91	1	6	
GRBA0154	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/18/92-08/18/92	0	1	
GRBA0156	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/01/92-09/01/92	0	1	
GRBA0157	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/18/92-08/18/92	0	1	
GRBA0158	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/15/90-09/15/91	1	6	
GRBA0159	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/01/92-09/01/92	0	1	
GRBA0160	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/01/92-09/01/92	0	1	
GRBA0161	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/15/90-09/15/91	1	8	
GRBA0165	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/01/92-09/01/92	0	1	
GRBA0166	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/01/92-09/01/92	0	1	
GRBA0167	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/22/88-07/22/88	0	1	
GRBA0171	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/01/92-09/01/92	0	1	
GRBA0172	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/15/88-04/15/88	0	1	
GRBA0177	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/29/92-08/29/92	0	1	
GRBA0182	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/01/92-09/01/92	0	1	
GRBA0183	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/92-09/02/92	0	1	
GRBA0184	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/01/92-09/01/92	0	1	
GRBA0188	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/15/90-09/15/91	1	9	
GRBA0190	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/01/92-09/01/92	0	1	
GRBA0191	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/01/92-09/01/92	0	1	
GRBA0193	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/15/92-10/16/92	0	9	
GRBA0195	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/92-09/02/92	0	1	
GRBA0198	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/92-09/02/92	0	1	
GRBA0199	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/29/92-08/29/92	0	1	
GRBA0203	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/92-09/02/92	0	1	
GRBA0207	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/92-09/02/92	0	1	
GRBA0209	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/92-09/02/92	0	1	
GRBA0211	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/15/90-09/15/91	1	7	
GRBA0214	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/23/81-07/23/81	0	1	
GRBA0220	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/15/90-09/15/91	1	8	
GRBA0223	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/23/92-08/23/92	0	1	
GRBA0233	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM 25C)	08/15/90-09/15/91	1	8	

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Station/Parameter Period of Record Tabulation
From 08/23/66 To 10/28/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GRBA0237	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/23/92-08/23/92	0	1	
GRBA0245	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/23/92-08/23/92	0	1	
GRBA0252	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/20/92-08/20/92	0	2	
GRBA0259	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/15/90-09/15/91	1	8	
GRBA0274	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/01/92-09/01/92	0	1	
GRBA0276	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/92-09/02/92	0	1	
GRBA0277	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/92-09/02/92	0	1	
GRBA0278	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/92-09/02/92	0	1	
GRBA0280	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/92-09/02/92	0	1	
GRBA0283	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/15/90-09/15/91	1	8	
GRBA0290	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/15/90-07/15/91	0	5	
GRBA0291	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/22/88-07/22/88	0	1	
GRBA0297	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/92-09/02/92	0	1	
GRBA0298	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/15/92-10/16/92	0	8	
GRBA0300	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/92-09/02/92	0	1	
GRBA0301	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/92-09/02/92	0	1	
GRBA0302	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/01/92-09/01/92	0	1	
GRBA0303	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/01/92-09/01/92	0	1	
GRBA0304	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/01/92-09/01/92	0	1	
GRBA0309	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/92-09/02/92	0	1	
GRBA0310	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/15/90-09/15/91	1	8	
GRBA0311	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/15/90-09/15/91	1	8	
GRBA0313	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/22/87-07/22/87	0	1	
GRBA0320	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/92-09/02/92	0	1	
GRBA0321	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/01/92-09/01/92	0	1	
GRBA0322	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/27/87-10/25/89	2	3	
GRBA0323	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/22/88-07/22/88	0	1	
GRBA0325	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/15/90-09/15/91	1	6	
GRBA0328	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/92-09/02/92	0	1	
GRBA0329	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/01/92-09/01/92	0	1	
GRBA0330	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/01/92-09/01/92	0	1	
GRBA0331	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/15/90-09/15/91	1	7	
GRBA0335	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/01/92-09/01/92	0	1	
GRBA0336	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/01/92-09/01/92	0	1	
GRBA0339	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/15/90-09/15/91	1	9	
GRBA0340	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/15/90-09/15/91	1	8	
GRBA0341	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/15/90-05/15/91	0	4	
GRBA0342	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/15/91-09/15/91	0	2	
GRBA0343	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/01/92-09/01/92	0	1	
GRBA0347	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/01/92-09/01/92	0	1	
GRBA0351	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/01/92-09/01/92	0	1	
GRBA0352	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/01/92-09/01/92	0	1	
GRBA0359	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/15/90-09/15/91	1	9	
GRBA0378	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/28/92-08/28/92	0	1	
GRBA0394	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/22/92-08/22/92	0	2	
GRBA0289	Yes	00111	RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI	03/07/89-11/05/90	1	20	
GRBA0317	No	00111	RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI	03/07/89-11/05/90	1	19	
GRBA0319	No	00111	RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI	03/07/89-11/05/90	1	20	
GRBA0326	Yes	00111	RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI	09/05/89-11/05/90	1	14	
GRBA0357	Yes	00111	RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI	04/03/89-11/05/90	1	19	
GRBA0005	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/08/81-07/08/81	0	1	
GRBA0029	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/01/81-07/01/81	0	1	
GRBA0053	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/30/81-06/30/81	0	1	
GRBA0055	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/23/66-07/09/75	8	11	
GRBA0084	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/26/89-05/26/89	0	1	
GRBA0085	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/26/89-05/26/89	0	1	
GRBA0086	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/26/89-05/26/89	0	1	
GRBA0087	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/26/89-05/26/89	0	1	
GRBA0091	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/26/89-05/26/89	0	1	
GRBA0092	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/26/89-05/26/89	0	1	
GRBA0093	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/26/89-05/26/89	0	1	
GRBA0105	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/27/89-05/27/89	0	1	
GRBA0106	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/27/89-05/27/89	0	4	
GRBA0107	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/27/89-05/27/89	0	1	
GRBA0108	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/27/89-05/27/89	0	1	
GRBA0109	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/27/89-05/27/89	0	2	
GRBA0112	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/27/89-05/27/89	0	2	
GRBA0117	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/27/89-05/27/89	0	3	
GRBA0118	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/27/89-05/27/89	0	1	
GRBA0120	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/27/89-05/27/89	0	2	
GRBA0128	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/29/89-05/29/89	0	1	
GRBA0135	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/29/89-05/29/89	0	2	

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

Station/Parameter Period of Record Tabulation
From 08/23/66 To 10/28/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GRBA0137	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/29/89-05/29/89	0	1	
GRBA0138	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/29/89-05/29/89	0	2	
GRBA0139	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/29/89-05/29/89	0	2	
GRBA0141	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/29/89-05/29/89	0	2	
GRBA0143	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/29/89-05/29/89	0	1	
GRBA0170	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/08/81-07/08/81	0	1	
GRBA0213	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/23/89-05/23/89	0	1	
GRBA0215	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/23/89-05/23/89	0	1	
GRBA0216	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/23/89-05/23/89	0	1	
GRBA0221	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/23/89-05/23/89	0	2	
GRBA0222	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/23/89-05/23/89	0	2	
GRBA0226	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/23/89-05/23/89	0	2	
GRBA0227	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/23/89-05/23/89	0	1	
GRBA0228	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/23/89-05/23/89	0	1	
GRBA0229	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/23/89-05/23/89	0	1	
GRBA0230	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/23/89-05/23/89	0	1	
GRBA0232	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/23/89-05/23/89	0	1	
GRBA0236	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/23/89-05/23/89	0	1	
GRBA0239	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/23/89-05/23/89	0	1	
GRBA0240	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/23/89-05/23/89	0	1	
GRBA0241	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/23/89-05/23/89	0	1	
GRBA0243	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/24/89-05/24/89	0	1	
GRBA0244	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/24/89-05/24/89	0	2	
GRBA0249	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/24/89-05/24/89	0	2	
GRBA0250	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/24/89-05/24/89	0	2	
GRBA0255	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/24/89-05/24/89	0	2	
GRBA0256	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	03/02/89-03/02/89	0	1	
GRBA0258	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/24/89-05/24/89	0	1	
GRBA0260	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/24/89-05/24/89	0	2	
GRBA0263	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/24/89-05/24/89	0	2	
GRBA0266	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/24/89-05/24/89	0	2	
GRBA0268	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/24/89-05/24/89	0	2	
GRBA0371	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/06/81-07/06/81	0	1	
GRBA0395	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/30/81-06/30/81	0	1	
GRBA0078	No	00300	OXYGEN, DISSOLVED MG/L	10/21/82-11/16/88	6	8	
GRBA0322	Yes	00300	OXYGEN, DISSOLVED MG/L	08/27/87-10/25/89	2	3	
GRBA0055	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/23/66-07/09/75	8	11	
GRBA0078	No	00335	COD, .025N K2CR2O7 MG/L	03/25/82-11/16/88	6	8	
GRBA0001	No	00400	PH (STANDARD UNITS)	07/08/80-07/08/80	0	1	
GRBA0002	No	00400	PH (STANDARD UNITS)	07/08/80-07/08/80	0	1	
GRBA0003	No	00400	PH (STANDARD UNITS)	07/08/80-07/08/80	0	1	
GRBA0004	No	00400	PH (STANDARD UNITS)	07/08/80-07/08/80	0	1	
GRBA0008	No	00400	PH (STANDARD UNITS)	07/09/80-07/09/80	0	1	
GRBA0009	No	00400	PH (STANDARD UNITS)	07/09/80-07/09/80	0	1	
GRBA0011	No	00400	PH (STANDARD UNITS)	07/15/80-07/15/80	0	1	
GRBA0012	No	00400	PH (STANDARD UNITS)	07/15/80-07/15/80	0	1	
GRBA0036	No	00400	PH (STANDARD UNITS)	07/09/80-07/09/80	0	1	
GRBA0037	No	00400	PH (STANDARD UNITS)	07/09/80-07/09/80	0	1	
GRBA0045	Yes	00400	PH (STANDARD UNITS)	05/28/89-05/28/89	0	1	
GRBA0054	Yes	00400	PH (STANDARD UNITS)	05/28/89-05/28/89	0	1	
GRBA0055	No	00400	PH (STANDARD UNITS)	08/23/66-07/09/75	8	11	
GRBA0061	Yes	00400	PH (STANDARD UNITS)	05/28/89-05/28/89	0	1	
GRBA0064	Yes	00400	PH (STANDARD UNITS)	05/28/89-05/28/89	0	1	
GRBA0070	Yes	00400	PH (STANDARD UNITS)	05/28/89-05/28/89	0	1	
GRBA0078	No	00400	PH (STANDARD UNITS)	10/21/82-11/16/88	6	8	
GRBA0080	Yes	00400	PH (STANDARD UNITS)	05/27/89-05/27/89	0	1	
GRBA0084	Yes	00400	PH (STANDARD UNITS)	05/26/89-05/26/89	0	1	
GRBA0085	Yes	00400	PH (STANDARD UNITS)	05/26/89-05/26/89	0	1	
GRBA0086	Yes	00400	PH (STANDARD UNITS)	05/26/89-05/26/89	0	1	
GRBA0087	Yes	00400	PH (STANDARD UNITS)	05/26/89-05/26/89	0	1	
GRBA0090	Yes	00400	PH (STANDARD UNITS)	05/26/89-05/26/89	0	1	
GRBA0091	Yes	00400	PH (STANDARD UNITS)	05/26/89-05/26/89	0	1	
GRBA0092	Yes	00400	PH (STANDARD UNITS)	05/26/89-05/26/89	0	1	
GRBA0093	Yes	00400	PH (STANDARD UNITS)	05/26/89-05/26/89	0	1	
GRBA0096	Yes	00400	PH (STANDARD UNITS)	05/27/89-05/27/89	0	1	
GRBA0097	No	00400	PH (STANDARD UNITS)	07/07/80-07/07/80	0	1	
GRBA0098	No	00400	PH (STANDARD UNITS)	07/07/80-07/07/80	0	1	
GRBA0099	Yes	00400	PH (STANDARD UNITS)	07/20/80-07/20/80	0	2	
GRBA0100	Yes	00400	PH (STANDARD UNITS)	07/20/80-07/20/80	0	1	
GRBA0101	Yes	00400	PH (STANDARD UNITS)	07/20/80-07/20/80	0	1	
GRBA0105	Yes	00400	PH (STANDARD UNITS)	05/27/89-05/27/89	0	1	
GRBA0106	Yes	00400	PH (STANDARD UNITS)	05/27/89-05/27/89	0	4	

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

Station/Parameter Period of Record Tabulation
From 08/23/66 To 10/28/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GRBA0107	Yes	00400	PH (STANDARD UNITS)	05/27/89-05/27/89	0	1	
GRBA0108	Yes	00400	PH (STANDARD UNITS)	05/27/89-05/27/89	0	1	
GRBA0109	Yes	00400	PH (STANDARD UNITS)	05/27/89-05/27/89	0	2	
GRBA0112	Yes	00400	PH (STANDARD UNITS)	05/27/89-05/27/89	0	3	
GRBA0114	Yes	00400	PH (STANDARD UNITS)	05/27/89-05/27/89	0	1	
GRBA0117	Yes	00400	PH (STANDARD UNITS)	05/27/89-05/27/89	0	3	
GRBA0118	Yes	00400	PH (STANDARD UNITS)	05/27/89-05/27/89	0	1	
GRBA0119	Yes	00400	PH (STANDARD UNITS)	05/27/89-05/27/89	0	4	
GRBA0120	Yes	00400	PH (STANDARD UNITS)	05/27/89-05/27/89	0	2	
GRBA0121	No	00400	PH (STANDARD UNITS)	07/09/80-07/09/80	0	1	
GRBA0122	No	00400	PH (STANDARD UNITS)	07/09/80-07/09/80	0	1	
GRBA0128	Yes	00400	PH (STANDARD UNITS)	05/29/89-05/29/89	0	1	
GRBA0130	Yes	00400	PH (STANDARD UNITS)	05/29/89-05/29/89	0	1	
GRBA0134	Yes	00400	PH (STANDARD UNITS)	07/19/80-07/19/80	0	2	
GRBA0135	Yes	00400	PH (STANDARD UNITS)	05/29/89-05/29/89	0	2	
GRBA0137	Yes	00400	PH (STANDARD UNITS)	05/29/89-05/29/89	0	1	
GRBA0138	Yes	00400	PH (STANDARD UNITS)	05/29/89-05/29/89	0	2	
GRBA0139	Yes	00400	PH (STANDARD UNITS)	05/29/89-05/29/89	0	2	
GRBA0141	Yes	00400	PH (STANDARD UNITS)	05/29/89-05/29/89	0	2	
GRBA0143	Yes	00400	PH (STANDARD UNITS)	05/29/89-05/29/89	0	1	
GRBA0144	Yes	00400	PH (STANDARD UNITS)	05/29/89-05/29/89	0	1	
GRBA0147	No	00400	PH (STANDARD UNITS)	07/07/80-07/07/80	0	1	
GRBA0148	No	00400	PH (STANDARD UNITS)	07/07/80-07/07/80	0	1	
GRBA0151	Yes	00400	PH (STANDARD UNITS)	07/19/80-07/19/80	0	1	
GRBA0152	Yes	00400	PH (STANDARD UNITS)	07/19/80-07/19/80	0	1	
GRBA0163	Yes	00400	PH (STANDARD UNITS)	05/30/89-05/30/89	0	1	
GRBA0168	Yes	00400	PH (STANDARD UNITS)	06/30/89-06/30/89	0	1	
GRBA0174	No	00400	PH (STANDARD UNITS)	07/13/80-07/13/80	0	2	
GRBA0210	No	00400	PH (STANDARD UNITS)	05/31/89-05/31/89	0	1	
GRBA0212	Yes	00400	PH (STANDARD UNITS)	05/23/89-05/23/89	0	1	
GRBA0213	Yes	00400	PH (STANDARD UNITS)	05/23/89-05/23/89	0	1	
GRBA0215	Yes	00400	PH (STANDARD UNITS)	05/23/89-05/23/89	0	1	
GRBA0216	Yes	00400	PH (STANDARD UNITS)	05/23/89-05/23/89	0	1	
GRBA0221	Yes	00400	PH (STANDARD UNITS)	05/23/89-05/23/89	0	2	
GRBA0222	Yes	00400	PH (STANDARD UNITS)	05/23/89-05/23/89	0	2	
GRBA0225	Yes	00400	PH (STANDARD UNITS)	05/23/89-05/23/89	0	2	
GRBA0226	Yes	00400	PH (STANDARD UNITS)	05/23/89-05/23/89	0	2	
GRBA0227	Yes	00400	PH (STANDARD UNITS)	05/23/89-05/23/89	0	1	
GRBA0228	Yes	00400	PH (STANDARD UNITS)	05/23/89-05/23/89	0	1	
GRBA0229	Yes	00400	PH (STANDARD UNITS)	05/23/89-05/23/89	0	1	
GRBA0230	Yes	00400	PH (STANDARD UNITS)	05/23/89-05/23/89	0	1	
GRBA0232	Yes	00400	PH (STANDARD UNITS)	05/23/89-05/23/89	0	1	
GRBA0235	Yes	00400	PH (STANDARD UNITS)	05/23/89-05/23/89	0	1	
GRBA0236	Yes	00400	PH (STANDARD UNITS)	05/23/89-05/23/89	0	1	
GRBA0239	Yes	00400	PH (STANDARD UNITS)	05/23/89-05/23/89	0	1	
GRBA0240	Yes	00400	PH (STANDARD UNITS)	05/23/89-05/23/89	0	1	
GRBA0241	Yes	00400	PH (STANDARD UNITS)	05/23/89-05/23/89	0	1	
GRBA0243	Yes	00400	PH (STANDARD UNITS)	05/24/89-05/24/89	0	1	
GRBA0244	Yes	00400	PH (STANDARD UNITS)	05/24/89-05/24/89	0	2	
GRBA0249	Yes	00400	PH (STANDARD UNITS)	05/24/89-05/24/89	0	2	
GRBA0250	Yes	00400	PH (STANDARD UNITS)	05/24/89-05/24/89	0	2	
GRBA0251	Yes	00400	PH (STANDARD UNITS)	05/24/89-05/24/89	0	1	
GRBA0254	Yes	00400	PH (STANDARD UNITS)	05/31/89-05/31/89	0	1	
GRBA0255	Yes	00400	PH (STANDARD UNITS)	05/24/89-05/24/89	0	2	
GRBA0256	Yes	00400	PH (STANDARD UNITS)	03/02/89-03/02/89	0	1	
GRBA0258	Yes	00400	PH (STANDARD UNITS)	05/24/89-05/24/89	0	1	
GRBA0260	Yes	00400	PH (STANDARD UNITS)	05/24/89-05/24/89	0	2	
GRBA0263	Yes	00400	PH (STANDARD UNITS)	05/24/89-05/24/89	0	2	
GRBA0266	Yes	00400	PH (STANDARD UNITS)	05/24/89-05/24/89	0	2	
GRBA0268	Yes	00400	PH (STANDARD UNITS)	05/24/89-05/24/89	0	2	
GRBA0282	Yes	00400	PH (STANDARD UNITS)	01/22/90-01/22/90	0	1	
GRBA0292	Yes	00400	PH (STANDARD UNITS)	06/30/89-06/30/89	0	1	
GRBA0305	Yes	00400	PH (STANDARD UNITS)	05/24/89-05/24/89	0	1	
GRBA0314	Yes	00400	PH (STANDARD UNITS)	06/30/89-06/30/89	0	1	
GRBA0315	Yes	00400	PH (STANDARD UNITS)	01/03/90-11/30/90	0	217	
GRBA0322	Yes	00400	PH (STANDARD UNITS)	08/27/87-10/25/89	2	2	
GRBA0324	Yes	00400	PH (STANDARD UNITS)	06/30/89-06/30/89	0	1	
GRBA0333	Yes	00400	PH (STANDARD UNITS)	05/28/89-05/28/89	0	1	
GRBA0334	Yes	00400	PH (STANDARD UNITS)	05/31/89-05/31/89	0	2	
GRBA0346	Yes	00400	PH (STANDARD UNITS)	05/28/89-05/28/89	0	1	
GRBA0348	No	00400	PH (STANDARD UNITS)	07/10/80-07/10/80	0	1	
GRBA0349	No	00400	PH (STANDARD UNITS)	07/10/80-07/10/80	0	1	

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

Station/Parameter Period of Record Tabulation
From 08/23/66 To 10/28/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GRBA0355	Yes	00400	PH (STANDARD UNITS)	05/28/89-05/28/89	0	1	
GRBA0360	No	00400	PH (STANDARD UNITS)	07/12/80-07/12/80	0	1	
GRBA0361	No	00400	PH (STANDARD UNITS)	07/12/80-07/12/80	0	1	
GRBA0368	Yes	00400	PH (STANDARD UNITS)	07/10/80-07/10/80	0	1	
GRBA0369	Yes	00400	PH (STANDARD UNITS)	07/10/80-07/10/80	0	1	
GRBA0372	No	00400	PH (STANDARD UNITS)	07/10/80-07/10/80	0	1	
GRBA0373	No	00400	PH (STANDARD UNITS)	07/10/80-07/10/80	0	1	
GRBA0385	No	00400	PH (STANDARD UNITS)	07/10/80-07/10/80	0	2	
GRBA0407	No	00400	PH (STANDARD UNITS)	07/11/80-07/11/80	0	1	
GRBA0408	No	00400	PH (STANDARD UNITS)	07/11/80-07/11/80	0	1	
GRBA0414	No	00400	PH (STANDARD UNITS)	07/04/80-07/04/80	0	1	
GRBA0415	No	00400	PH (STANDARD UNITS)	07/04/80-07/04/80	0	1	
GRBA0416	No	00400	PH (STANDARD UNITS)	07/08/80-07/08/80	0	1	
GRBA0417	No	00400	PH (STANDARD UNITS)	07/08/80-07/08/80	0	1	
GRBA0420	No	00400	PH (STANDARD UNITS)	07/04/80-07/04/80	0	1	
GRBA0421	No	00400	PH (STANDARD UNITS)	07/04/80-07/04/80	0	1	
GRBA0424	No	00400	PH (STANDARD UNITS)	07/08/80-07/08/80	0	1	
GRBA0425	No	00400	PH (STANDARD UNITS)	07/08/80-07/08/80	0	1	
GRBA0426	No	00400	PH (STANDARD UNITS)	07/04/80-07/04/80	0	1	
GRBA0427	No	00400	PH (STANDARD UNITS)	07/04/80-07/04/80	0	1	
GRBA0032	Yes	00403	PH, LAB, STANDARD UNITS SU	08/19/92-08/19/92	0	1	
GRBA0057	Yes	00403	PH, LAB, STANDARD UNITS SU	08/30/92-08/30/92	0	2	
GRBA0078	No	00403	PH, LAB, STANDARD UNITS SU	11/05/86-11/16/88	2	3	
GRBA0088	Yes	00403	PH, LAB, STANDARD UNITS SU	08/27/92-08/27/92	0	1	
GRBA0115	Yes	00403	PH, LAB, STANDARD UNITS SU	08/27/92-08/27/92	0	1	
GRBA0123	Yes	00403	PH, LAB, STANDARD UNITS SU	08/21/92-08/21/92	0	1	
GRBA0132	Yes	00403	PH, LAB, STANDARD UNITS SU	08/26/92-08/26/92	0	1	
GRBA0154	Yes	00403	PH, LAB, STANDARD UNITS SU	08/18/92-08/18/92	0	1	
GRBA0157	Yes	00403	PH, LAB, STANDARD UNITS SU	08/18/92-08/18/92	0	1	
GRBA0167	Yes	00403	PH, LAB, STANDARD UNITS SU	07/22/88-07/22/88	0	1	
GRBA0172	No	00403	PH, LAB, STANDARD UNITS SU	04/15/88-04/15/88	0	1	
GRBA0177	Yes	00403	PH, LAB, STANDARD UNITS SU	08/29/92-08/29/92	0	1	
GRBA0193	Yes	00403	PH, LAB, STANDARD UNITS SU	06/15/92-10/16/92	0	10	
GRBA0199	Yes	00403	PH, LAB, STANDARD UNITS SU	08/29/92-08/29/92	0	1	
GRBA0223	Yes	00403	PH, LAB, STANDARD UNITS SU	08/23/92-08/23/92	0	1	
GRBA0237	Yes	00403	PH, LAB, STANDARD UNITS SU	08/23/92-08/23/92	0	1	
GRBA0245	Yes	00403	PH, LAB, STANDARD UNITS SU	08/23/92-08/23/92	0	1	
GRBA0252	Yes	00403	PH, LAB, STANDARD UNITS SU	08/20/92-08/20/92	0	2	
GRBA0265	Yes	00403	PH, LAB, STANDARD UNITS SU	01/11/72-01/11/72	0	1	
GRBA0267	Yes	00403	PH, LAB, STANDARD UNITS SU	01/11/72-01/11/72	0	1	
GRBA0269	Yes	00403	PH, LAB, STANDARD UNITS SU	01/11/72-01/11/72	0	1	
GRBA0271	Yes	00403	PH, LAB, STANDARD UNITS SU	01/11/72-01/11/72	0	1	
GRBA0272	Yes	00403	PH, LAB, STANDARD UNITS SU	01/11/72-01/11/72	0	1	
GRBA0273	Yes	00403	PH, LAB, STANDARD UNITS SU	01/11/72-01/11/72	0	1	
GRBA0291	Yes	00403	PH, LAB, STANDARD UNITS SU	07/22/88-07/22/88	0	1	
GRBA0298	Yes	00403	PH, LAB, STANDARD UNITS SU	07/15/92-10/16/92	0	8	
GRBA0313	Yes	00403	PH, LAB, STANDARD UNITS SU	07/22/87-07/22/87	0	1	
GRBA0322	Yes	00403	PH, LAB, STANDARD UNITS SU	08/27/87-10/25/89	2	3	
GRBA0323	Yes	00403	PH, LAB, STANDARD UNITS SU	07/22/88-07/22/88	0	1	
GRBA0378	Yes	00403	PH, LAB, STANDARD UNITS SU	08/28/92-08/28/92	0	1	
GRBA0394	Yes	00403	PH, LAB, STANDARD UNITS SU	08/22/92-08/22/92	0	2	
GRBA0005	No	00405	CARBON DIOXIDE (MG/L AS CO2)	07/08/81-07/08/81	0	1	
GRBA0029	No	00405	CARBON DIOXIDE (MG/L AS CO2)	07/01/81-07/01/81	0	1	
GRBA0053	No	00405	CARBON DIOXIDE (MG/L AS CO2)	06/30/81-06/30/81	0	1	
GRBA0078	No	00405	CARBON DIOXIDE (MG/L AS CO2)	03/25/82-11/16/88	6	9	
GRBA0170	No	00405	CARBON DIOXIDE (MG/L AS CO2)	07/08/81-07/08/81	0	1	
GRBA0371	No	00405	CARBON DIOXIDE (MG/L AS CO2)	07/06/81-07/06/81	0	1	
GRBA0395	No	00405	CARBON DIOXIDE (MG/L AS CO2)	06/30/81-06/30/81	0	1	
GRBA0005	No	00406	PH, FIELD, STANDARD UNITS SU	07/08/81-07/08/81	0	1	
GRBA0015	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/17/94-08/17/94	0	1	
GRBA0016	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/17/94-08/17/94	0	1	
GRBA0017	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/17/94-08/17/94	0	1	
GRBA0021	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/16/94-08/16/94	0	1	
GRBA0022	Yes	00406	PH, FIELD, STANDARD UNITS SU	10/22/91-11/02/95	4	10	
GRBA0024	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/16/94-08/16/94	0	1	
GRBA0025	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/16/94-08/16/94	0	1	
GRBA0026	No	00406	PH, FIELD, STANDARD UNITS SU	07/09/90-07/09/90	0	1	
GRBA0027	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/16/94-08/16/94	0	1	
GRBA0028	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/18/94-08/18/94	0	1	
GRBA0029	No	00406	PH, FIELD, STANDARD UNITS SU	07/01/81-07/01/81	0	1	
GRBA0030	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/31/94-08/31/94	0	1	
GRBA0031	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/23/94-08/23/94	0	1	

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

Station/Parameter Period of Record Tabulation
From 08/23/66 To 10/28/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GRBA0033	Yes	00406	PH, FIELD, STANDARD UNITS SU	10/22/91-06/12/96	4	14	
GRBA0034	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/31/94-08/31/94	0	1	
GRBA0035	No	00406	PH, FIELD, STANDARD UNITS SU	07/09/90-07/09/90	0	1	
GRBA0039	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/24/94-08/24/94	0	1	
GRBA0040	No	00406	PH, FIELD, STANDARD UNITS SU	06/09/95-06/09/95	0	1	
GRBA0041	Yes	00406	PH, FIELD, STANDARD UNITS SU	09/01/94-09/01/94	0	1	
GRBA0044	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/03/90-10/20/95	5	14	
GRBA0046	Yes	00406	PH, FIELD, STANDARD UNITS SU	09/01/94-09/01/94	0	1	
GRBA0052	No	00406	PH, FIELD, STANDARD UNITS SU	05/24/79-09/27/79	0	3	
GRBA0053	No	00406	PH, FIELD, STANDARD UNITS SU	06/30/81-06/30/81	0	1	
GRBA0058	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/03/90-06/12/96	5	17	T
GRBA0060	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/03/90-07/03/90	0	1	
GRBA0063	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/03/90-06/12/96	5	17	T
GRBA0072	Yes	00406	PH, FIELD, STANDARD UNITS SU	10/21/92-10/20/95	2	12	
GRBA0075	No	00406	PH, FIELD, STANDARD UNITS SU	05/24/79-09/27/79	0	3	
GRBA0079	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/03/90-07/03/90	0	1	
GRBA0081	Yes	00406	PH, FIELD, STANDARD UNITS SU	10/15/91-10/20/95	4	13	
GRBA0082	Yes	00406	PH, FIELD, STANDARD UNITS SU	09/02/94-09/02/94	0	1	
GRBA0089	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/03/90-06/12/97	6	19	T
GRBA0095	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/03/90-07/03/90	0	1	
GRBA0110	Yes	00406	PH, FIELD, STANDARD UNITS SU	10/17/91-06/12/97	5	18	T
GRBA0113	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/03/90-07/03/90	0	1	
GRBA0116	Yes	00406	PH, FIELD, STANDARD UNITS SU	10/17/91-06/12/97	5	17	T
GRBA0124	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/29/93-06/14/96	2	10	
GRBA0126	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/06/95-07/06/95	0	2	
GRBA0129	Yes	00406	PH, FIELD, STANDARD UNITS SU	10/09/91-06/19/97	5	20	T
GRBA0133	Yes	00406	PH, FIELD, STANDARD UNITS SU	06/26/90-06/19/97	6	27	T
GRBA0140	Yes	00406	PH, FIELD, STANDARD UNITS SU	06/26/90-06/27/90	0	10	
GRBA0145	Yes	00406	PH, FIELD, STANDARD UNITS SU	06/27/90-06/27/90	0	1	
GRBA0153	Yes	00406	PH, FIELD, STANDARD UNITS SU	10/09/91-06/19/97	5	16	T
GRBA0155	Yes	00406	PH, FIELD, STANDARD UNITS SU	06/27/90-06/27/90	0	1	
GRBA0162	Yes	00406	PH, FIELD, STANDARD UNITS SU	06/27/90-06/27/90	0	1	
GRBA0169	Yes	00406	PH, FIELD, STANDARD UNITS SU	10/15/91-10/26/95	4	14	
GRBA0170	No	00406	PH, FIELD, STANDARD UNITS SU	07/08/81-07/08/81	0	1	
GRBA0173	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/11/94-08/11/94	0	1	
GRBA0175	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/11/94-08/11/94	0	1	
GRBA0176	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/12/90-07/12/90	0	1	
GRBA0178	Yes	00406	PH, FIELD, STANDARD UNITS SU	10/24/91-06/14/96	4	16	T
GRBA0179	No	00406	PH, FIELD, STANDARD UNITS SU	07/12/90-07/12/90	0	1	
GRBA0180	No	00406	PH, FIELD, STANDARD UNITS SU	10/24/91-10/23/95	3	14	
GRBA0181	No	00406	PH, FIELD, STANDARD UNITS SU	07/12/90-07/12/90	0	1	
GRBA0185	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/11/94-08/11/94	0	1	
GRBA0186	Yes	00406	PH, FIELD, STANDARD UNITS SU	06/27/90-06/27/90	0	1	
GRBA0187	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/11/94-08/11/94	0	1	
GRBA0189	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/11/94-08/11/94	0	1	
GRBA0192	Yes	00406	PH, FIELD, STANDARD UNITS SU	06/27/90-06/27/90	0	1	
GRBA0194	Yes	00406	PH, FIELD, STANDARD UNITS SU	10/15/91-06/12/96	4	16	T
GRBA0196	Yes	00406	PH, FIELD, STANDARD UNITS SU	10/15/91-10/26/95	4	14	
GRBA0197	No	00406	PH, FIELD, STANDARD UNITS SU	08/11/94-08/11/94	0	1	
GRBA0200	Yes	00406	PH, FIELD, STANDARD UNITS SU	10/24/91-06/14/96	4	16	T
GRBA0201	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/12/90-07/12/90	0	1	
GRBA0202	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/10/94-08/10/94	0	1	
GRBA0204	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/10/94-08/10/94	0	1	
GRBA0205	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/10/94-08/10/94	0	1	
GRBA0206	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/10/94-08/10/94	0	1	
GRBA0208	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/10/94-08/10/94	0	1	
GRBA0218	Yes	00406	PH, FIELD, STANDARD UNITS SU	06/21/90-06/21/90	0	1	
GRBA0224	Yes	00406	PH, FIELD, STANDARD UNITS SU	10/07/91-06/05/97	5	17	T
GRBA0231	Yes	00406	PH, FIELD, STANDARD UNITS SU	06/21/90-06/21/90	0	1	
GRBA0234	Yes	00406	PH, FIELD, STANDARD UNITS SU	06/21/90-06/21/90	0	1	
GRBA0238	Yes	00406	PH, FIELD, STANDARD UNITS SU	10/07/91-06/05/97	5	18	T
GRBA0242	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/09/94-08/09/94	0	1	
GRBA0246	Yes	00406	PH, FIELD, STANDARD UNITS SU	10/07/91-06/05/97	5	17	T
GRBA0247	Yes	00406	PH, FIELD, STANDARD UNITS SU	06/21/90-06/21/90	0	1	
GRBA0253	Yes	00406	PH, FIELD, STANDARD UNITS SU	10/24/91-06/14/96	4	16	T
GRBA0261	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/12/90-07/12/90	0	1	
GRBA0262	Yes	00406	PH, FIELD, STANDARD UNITS SU	06/21/90-06/21/90	0	1	
GRBA0264	No	00406	PH, FIELD, STANDARD UNITS SU	07/12/90-06/14/95	4	13	
GRBA0269	Yes	00406	PH, FIELD, STANDARD UNITS SU	12/07/68-12/07/68	0	1	
GRBA0270	Yes	00406	PH, FIELD, STANDARD UNITS SU	12/06/68-12/06/68	0	1	
GRBA0271	Yes	00406	PH, FIELD, STANDARD UNITS SU	12/07/68-12/07/68	0	1	
GRBA0272	Yes	00406	PH, FIELD, STANDARD UNITS SU	01/11/72-01/11/72	0	1	

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

Station/Parameter Period of Record Tabulation
From 08/23/66 To 10/28/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GRBA0273	Yes	00406	PH, FIELD, STANDARD UNITS SU	12/05/68-01/11/72	3	6	
GRBA0275	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/09/94-08/09/94	0	1	
GRBA0279	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/09/94-08/09/94	0	1	
GRBA0299	Yes	00406	PH, FIELD, STANDARD UNITS SU	06/21/90-06/12/96	5	16	T
GRBA0312	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/01/95-08/28/95	0	28	
GRBA0318	Yes	00406	PH, FIELD, STANDARD UNITS SU	06/21/90-06/07/96	5	16	T
GRBA0327	Yes	00406	PH, FIELD, STANDARD UNITS SU	10/07/91-10/27/95	4	14	
GRBA0332	Yes	00406	PH, FIELD, STANDARD UNITS SU	06/21/90-06/21/90	0	1	
GRBA0345	Yes	00406	PH, FIELD, STANDARD UNITS SU	06/21/90-06/21/90	0	1	
GRBA0354	Yes	00406	PH, FIELD, STANDARD UNITS SU	06/21/90-06/21/90	0	1	
GRBA0356	Yes	00406	PH, FIELD, STANDARD UNITS SU	10/07/91-10/27/95	4	14	
GRBA0371	No	00406	PH, FIELD, STANDARD UNITS SU	07/06/81-07/06/81	0	1	
GRBA0377	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/29/93-11/02/95	2	10	
GRBA0379	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/29/93-06/12/96	2	11	
GRBA0387	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/06/90-07/06/90	0	1	
GRBA0388	Yes	00406	PH, FIELD, STANDARD UNITS SU	09/30/91-05/29/96	4	16	T
GRBA0390	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/06/90-10/25/95	5	14	
GRBA0393	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/06/90-05/29/96	5	17	
GRBA0395	No	00406	PH, FIELD, STANDARD UNITS SU	06/30/81-06/30/81	0	1	
GRBA0001	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/08/80-07/08/80	0	1	
GRBA0002	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/08/80-07/08/80	0	1	
GRBA0003	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/08/80-07/08/80	0	1	
GRBA0004	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/08/80-07/08/80	0	1	
GRBA0008	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/09/80-07/09/80	0	1	
GRBA0009	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/09/80-07/09/80	0	1	
GRBA0011	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/15/80-07/15/80	0	1	
GRBA0012	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/15/80-07/15/80	0	1	
GRBA0032	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/19/92-08/19/92	0	1	
GRBA0036	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/09/80-07/09/80	0	1	
GRBA0037	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/09/80-07/09/80	0	1	
GRBA0055	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/23/66-07/09/75	8	11	
GRBA0057	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/30/92-08/30/92	0	2	
GRBA0078	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/25/82-11/16/88	6	9	
GRBA0088	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/27/92-08/27/92	0	1	
GRBA0097	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/07/80-07/07/80	0	1	
GRBA0098	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/07/80-07/07/80	0	1	
GRBA0099	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/20/80-07/20/80	0	2	
GRBA0100	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/20/80-07/20/80	0	1	
GRBA0101	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/20/80-07/20/80	0	1	
GRBA0115	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/27/92-08/27/92	0	1	
GRBA0121	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/09/80-07/09/80	0	1	
GRBA0122	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/09/80-07/09/80	0	1	
GRBA0123	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/21/92-08/21/92	0	1	
GRBA0132	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/26/92-08/26/92	0	1	
GRBA0134	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/19/80-07/19/80	0	2	
GRBA0147	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/07/80-07/07/80	0	1	
GRBA0148	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/07/80-07/07/80	0	1	
GRBA0151	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/19/80-07/19/80	0	1	
GRBA0152	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/19/80-07/19/80	0	1	
GRBA0154	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/18/92-08/18/92	0	1	
GRBA0157	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/18/92-08/18/92	0	1	
GRBA0167	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/22/88-07/22/88	0	1	
GRBA0168	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/30/89-06/30/89	0	1	
GRBA0170	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/08/81-07/08/81	0	1	
GRBA0172	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/15/88-04/15/88	0	1	
GRBA0174	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/13/80-07/13/80	0	2	
GRBA0177	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/29/92-08/29/92	0	1	
GRBA0193	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/15/92-10/16/92	0	10	
GRBA0199	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/29/92-08/29/92	0	1	
GRBA0223	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/23/92-08/23/92	0	1	
GRBA0237	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/23/92-08/23/92	0	1	
GRBA0245	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/23/92-08/23/92	0	1	
GRBA0252	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/20/92-08/20/92	0	2	
GRBA0282	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/22/90-01/22/90	0	1	
GRBA0291	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/22/88-07/22/88	0	1	
GRBA0292	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/30/89-06/30/89	0	1	
GRBA0298	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/15/92-10/16/92	0	7	
GRBA0313	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/22/87-07/22/87	0	1	
GRBA0314	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/30/89-06/30/89	0	1	
GRBA0322	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/27/87-08/27/87	0	1	
GRBA0323	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/22/88-07/22/88	0	1	
GRBA0324	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/30/89-06/30/89	0	1	

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

Station/Parameter Period of Record Tabulation
From 08/23/66 To 10/28/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GRBA0348	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/10/80-07/10/80	0	1	
GRBA0349	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/10/80-07/10/80	0	1	
GRBA0360	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/12/80-07/12/80	0	1	
GRBA0361	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/12/80-07/12/80	0	1	
GRBA0368	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/10/80-07/10/80	0	1	
GRBA0369	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/10/80-07/10/80	0	1	
GRBA0372	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/10/80-07/10/80	0	1	
GRBA0373	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/10/80-07/10/80	0	1	
GRBA0378	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/28/92-08/28/92	0	1	
GRBA0385	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/10/80-07/10/80	0	2	
GRBA0394	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/22/92-08/22/92	0	2	
GRBA0407	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/11/80-07/11/80	0	1	
GRBA0408	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/11/80-07/11/80	0	1	
GRBA0414	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/04/80-07/04/80	0	1	
GRBA0415	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/04/80-07/04/80	0	1	
GRBA0416	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/08/80-07/08/80	0	1	
GRBA0417	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/08/80-07/08/80	0	1	
GRBA0420	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/04/80-07/04/80	0	1	
GRBA0421	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/04/80-07/04/80	0	1	
GRBA0424	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/08/80-07/08/80	0	1	
GRBA0425	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/08/80-07/08/80	0	1	
GRBA0426	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/04/80-07/04/80	0	1	
GRBA0427	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/04/80-07/04/80	0	1	
GRBA0322	Yes	00419	ALKALINITY,CARBONATE,INCREMENTAL TITR FIELD MG/L	08/27/87-09/21/88	1	2	
GRBA0055	No	00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/23/66-07/09/75	8	11	
GRBA0055	No	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	08/23/66-07/21/70	3	7	
GRBA0052	No	00440	BICARBONATE ION (MG/L AS HCO3)	05/24/79-09/27/79	0	3	
GRBA0055	No	00440	BICARBONATE ION (MG/L AS HCO3)	08/23/66-07/09/75	8	11	
GRBA0075	No	00440	BICARBONATE ION (MG/L AS HCO3)	05/24/79-09/27/79	0	3	
GRBA0078	No	00440	BICARBONATE ION (MG/L AS HCO3)	03/25/82-11/16/88	6	9	
GRBA0167	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	07/22/88-07/22/88	0	1	
GRBA0170	No	00440	BICARBONATE ION (MG/L AS HCO3)	07/08/81-07/08/81	0	1	
GRBA0172	No	00440	BICARBONATE ION (MG/L AS HCO3)	04/15/88-04/15/88	0	1	
GRBA0265	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	01/11/72-01/11/72	0	1	
GRBA0267	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	01/11/72-01/11/72	0	1	
GRBA0269	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	01/11/72-01/11/72	0	1	
GRBA0270	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	01/11/72-01/11/72	0	1	
GRBA0271	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	01/11/72-01/11/72	0	1	
GRBA0272	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	01/11/72-01/11/72	0	1	
GRBA0273	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	01/11/72-01/11/72	0	1	
GRBA0282	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	01/22/90-01/22/90	0	1	
GRBA0291	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	07/22/88-07/22/88	0	1	
GRBA0313	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	07/22/87-07/22/87	0	1	
GRBA0323	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	07/22/88-07/22/88	0	1	
GRBA0375	No	00442	PHOSPHOROUS, TOTAL ELEMENTAL MG/L	07/06/80-07/06/80	0	1	
GRBA0381	No	00442	PHOSPHOROUS, TOTAL ELEMENTAL MG/L	07/06/80-07/06/80	0	1	
GRBA0382	No	00442	PHOSPHOROUS, TOTAL ELEMENTAL MG/L	07/06/80-07/06/80	0	1	
GRBA0392	No	00442	PHOSPHOROUS, TOTAL ELEMENTAL MG/L	07/12/80-07/12/80	0	1	
GRBA0411	No	00442	PHOSPHOROUS, TOTAL ELEMENTAL MG/L	07/11/80-07/11/80	0	1	
GRBA0413	No	00442	PHOSPHOROUS, TOTAL ELEMENTAL MG/L	07/08/80-07/08/80	0	1	
GRBA0052	No	00445	CARBONATE ION (MG/L AS CO3)	05/24/79-07/26/79	0	2	
GRBA0055	No	00445	CARBONATE ION (MG/L AS CO3)	08/23/66-07/09/75	8	10	
GRBA0075	No	00445	CARBONATE ION (MG/L AS CO3)	05/24/79-09/27/79	0	3	
GRBA0078	No	00445	CARBONATE ION (MG/L AS CO3)	03/25/82-11/16/88	6	9	
GRBA0167	Yes	00445	CARBONATE ION (MG/L AS CO3)	07/22/88-07/22/88	0	1	
GRBA0172	No	00445	CARBONATE ION (MG/L AS CO3)	04/15/88-04/15/88	0	1	
GRBA0282	Yes	00445	CARBONATE ION (MG/L AS CO3)	01/22/90-01/22/90	0	1	
GRBA0291	Yes	00445	CARBONATE ION (MG/L AS CO3)	07/22/88-07/22/88	0	1	
GRBA0313	Yes	00445	CARBONATE ION (MG/L AS CO3)	07/22/87-07/22/87	0	1	
GRBA0323	Yes	00445	CARBONATE ION (MG/L AS CO3)	07/22/88-07/22/88	0	1	
GRBA0322	Yes	00450	BICARBONATE,INCREMENTAL TITRATION,(HCO3) FIELDMG/L	08/27/87-09/21/88	1	2	
GRBA0078	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	03/25/82-10/30/84	2	5	
GRBA0078	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/25/82-11/16/88	6	8	
GRBA0078	No	00560	OIL & GREASE (FREON EXTR.-IR METHOD) TOT,REC,MG/L	10/21/82-10/21/82	0	1	
GRBA0055	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	08/23/66-06/26/67	0	2	
GRBA0032	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/19/92-08/19/92	0	1	
GRBA0057	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/30/92-08/30/92	0	2	
GRBA0088	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/27/92-08/27/92	0	1	
GRBA0115	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/27/92-08/27/92	0	1	
GRBA0123	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/21/92-08/21/92	0	1	
GRBA0132	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/26/92-08/26/92	0	1	
GRBA0154	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/18/92-08/18/92	0	1	

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

Station/Parameter Period of Record Tabulation
From 08/23/66 To 10/28/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GRBA0157	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/18/92-08/18/92	0	1	
GRBA0177	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/29/92-08/29/92	0	2	
GRBA0193	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/25/92-08/25/92	0	1	
GRBA0199	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/29/92-08/29/92	0	1	
GRBA0223	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/23/92-08/23/92	0	1	
GRBA0237	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/23/92-08/23/92	0	1	
GRBA0245	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/23/92-08/23/92	0	1	
GRBA0252	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/20/92-08/20/92	0	3	
GRBA0298	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/25/92-08/30/92	0	4	
GRBA0322	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/27/87-10/25/89	2	3	
GRBA0378	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/28/92-08/28/92	0	1	
GRBA0394	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/22/92-08/22/92	0	2	
GRBA0005	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/08/81-07/08/81	0	1	
GRBA0029	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/01/81-07/01/81	0	1	
GRBA0053	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/30/81-06/30/81	0	1	
GRBA0055	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/23/66-10/24/68	2	6	
GRBA0078	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/25/82-11/16/88	6	9	
GRBA0170	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/08/81-07/08/81	0	1	
GRBA0322	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/27/87-09/21/88	1	2	
GRBA0371	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/06/81-07/06/81	0	1	
GRBA0395	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/30/81-06/30/81	0	1	
GRBA0078	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/30/84-11/16/88	4	5	
GRBA0322	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	08/27/87-10/25/89	2	3	
GRBA0078	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/30/84-09/24/87	2	2	
GRBA0055	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/23/66-07/09/75	8	10	
GRBA0078	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/30/84-11/16/88	4	5	
GRBA0045	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/28/89-05/28/89	0	1	
GRBA0052	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/24/79-09/27/79	0	3	
GRBA0054	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/28/89-05/28/89	0	1	
GRBA0055	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/23/66-07/09/75	8	10	
GRBA0061	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/28/89-05/28/89	0	1	
GRBA0064	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/28/89-05/28/89	0	1	
GRBA0070	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/28/89-05/28/89	0	1	
GRBA0075	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/24/79-09/27/79	0	3	
GRBA0078	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/30/84-09/24/87	2	2	
GRBA0080	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/27/89-05/27/89	0	1	
GRBA0090	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/26/89-05/26/89	0	1	
GRBA0096	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/27/89-05/27/89	0	1	
GRBA0114	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/27/89-05/27/89	0	1	
GRBA0130	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/29/89-05/29/89	0	1	
GRBA0163	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/30/89-05/30/89	0	1	
GRBA0167	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/22/88-07/22/88	0	1	
GRBA0170	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/08/81-07/08/81	0	1	
GRBA0210	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/31/89-05/31/89	0	1	
GRBA0212	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/23/89-05/23/89	0	1	
GRBA0225	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/23/89-05/23/89	0	2	
GRBA0235	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/23/89-05/23/89	0	1	
GRBA0251	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/24/89-05/24/89	0	1	
GRBA0254	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/31/89-05/31/89	0	1	
GRBA0282	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/22/90-01/22/90	0	1	
GRBA0291	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/22/88-07/22/88	0	1	
GRBA0305	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/24/89-05/24/89	0	1	
GRBA0313	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/22/87-07/22/87	0	1	
GRBA0316	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/09/86-06/09/86	0	1	
GRBA0323	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/22/88-07/22/88	0	1	
GRBA0333	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/28/89-05/28/89	0	1	
GRBA0334	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/31/89-05/31/89	0	2	
GRBA0346	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/28/89-05/28/89	0	1	
GRBA0355	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/28/89-05/28/89	0	1	
GRBA0032	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/19/92-08/19/92	0	1	
GRBA0057	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/30/92-08/30/92	0	2	
GRBA0078	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/25/82-11/16/88	6	9	
GRBA0088	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/27/92-08/27/92	0	1	
GRBA0115	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/27/92-08/27/92	0	1	
GRBA0123	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/21/92-08/21/92	0	1	
GRBA0132	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/26/92-08/26/92	0	1	
GRBA0154	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/18/92-08/18/92	0	1	
GRBA0157	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/18/92-08/18/92	0	1	
GRBA0177	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/29/92-08/29/92	0	1	
GRBA0193	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/15/92-08/25/92	0	4	
GRBA0199	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/29/92-08/29/92	0	1	
GRBA0223	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/23/92-08/23/92	0	1	

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

Station/Parameter Period of Record Tabulation
From 08/23/66 To 10/28/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GRBA0237	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/23/92-08/23/92	0	1	
GRBA0245	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/23/92-08/23/92	0	1	
GRBA0252	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/20/92-08/20/92	0	2	
GRBA0298	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/25/92-08/30/92	0	3	
GRBA0322	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/27/87-09/21/88	1	2	
GRBA0378	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/28/92-08/28/92	0	1	
GRBA0394	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/22/92-08/22/92	0	2	
GRBA0032	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/19/92-08/19/92	0	1	
GRBA0057	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/30/92-08/30/92	0	2	
GRBA0078	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/25/82-10/19/83	1	4	
GRBA0088	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/27/92-08/27/92	0	1	
GRBA0115	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/27/92-08/27/92	0	2	
GRBA0123	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/21/92-08/21/92	0	1	
GRBA0132	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/26/92-08/26/92	0	1	
GRBA0154	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/18/92-08/18/92	0	1	
GRBA0157	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/18/92-08/18/92	0	1	
GRBA0177	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/29/92-08/29/92	0	1	
GRBA0193	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/25/92-08/25/92	0	1	
GRBA0199	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/29/92-08/29/92	0	1	
GRBA0223	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/23/92-08/23/92	0	1	
GRBA0237	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/23/92-08/23/92	0	1	
GRBA0245	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/23/92-08/23/92	0	1	
GRBA0252	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/20/92-08/20/92	0	2	
GRBA0298	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/25/92-08/30/92	0	3	
GRBA0378	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/28/92-08/28/92	0	1	
GRBA0394	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/22/92-08/22/92	0	2	
GRBA0322	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/27/87-10/25/89	2	3	
GRBA0055	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	10/24/68-07/09/75	6	6	
GRBA0055	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/23/66-07/09/75	8	10	
GRBA0001	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/08/80-07/08/80	0	1	
GRBA0004	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/08/80-07/08/80	0	1	
GRBA0008	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/09/80-07/09/80	0	1	
GRBA0012	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/15/80-07/15/80	0	1	
GRBA0032	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/19/92-08/19/92	0	2	
GRBA0037	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/09/80-07/09/80	0	1	
GRBA0057	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/30/92-08/30/92	0	2	
GRBA0078	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/25/82-11/16/88	6	9	
GRBA0088	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/27/92-08/27/92	0	1	
GRBA0097	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/07/80-07/07/80	0	1	
GRBA0099	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/20/80-07/20/80	0	1	
GRBA0101	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/20/80-07/20/80	0	1	
GRBA0115	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/27/92-08/27/92	0	2	
GRBA0121	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/09/80-07/09/80	0	1	
GRBA0123	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/21/92-08/21/92	0	1	
GRBA0132	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/26/92-08/26/92	0	1	
GRBA0134	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/19/80-07/19/80	0	1	
GRBA0147	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/07/80-07/07/80	0	1	
GRBA0151	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/19/80-07/19/80	0	1	
GRBA0154	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/18/92-08/18/92	0	1	
GRBA0157	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/18/92-08/18/92	0	1	
GRBA0174	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/13/80-07/13/80	0	1	
GRBA0177	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/29/92-08/29/92	0	1	
GRBA0193	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/25/92-08/25/92	0	1	
GRBA0199	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/29/92-08/29/92	0	1	
GRBA0219	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/06/80-07/06/80	0	1	
GRBA0223	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/23/92-08/23/92	0	1	
GRBA0237	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/23/92-08/23/92	0	1	
GRBA0245	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/23/92-08/23/92	0	1	
GRBA0252	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/20/92-08/20/92	0	2	
GRBA0287	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/12/80-07/12/80	0	1	
GRBA0298	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/25/92-08/30/92	0	3	
GRBA0307	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/12/80-07/12/80	0	1	
GRBA0322	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/27/87-09/21/88	1	2	
GRBA0337	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/10/80-07/10/80	0	1	
GRBA0338	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/10/80-07/10/80	0	1	
GRBA0344	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/10/80-07/10/80	0	1	
GRBA0349	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/10/80-07/10/80	0	1	
GRBA0353	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/06/80-07/06/80	0	1	
GRBA0358	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/12/80-07/12/80	0	1	
GRBA0361	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/12/80-07/12/80	0	1	
GRBA0362	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/12/80-07/12/80	0	1	
GRBA0363	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/06/80-07/06/80	0	1	

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

Station/Parameter Period of Record Tabulation
From 08/23/66 To 10/28/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GRBA0364	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/10/80-07/10/80	0	1	
GRBA0365	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/10/80-07/10/80	0	1	
GRBA0366	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/10/80-07/10/80	0	1	
GRBA0368	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/10/80-07/10/80	0	1	
GRBA0370	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/12/80-07/12/80	0	1	
GRBA0372	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/10/80-07/10/80	0	1	
GRBA0374	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/06/80-07/06/80	0	1	
GRBA0376	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/10/80-07/10/80	0	1	
GRBA0378	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/28/92-08/28/92	0	1	
GRBA0380	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/10/80-07/10/80	0	1	
GRBA0383	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/10/80-07/10/80	0	1	
GRBA0384	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/12/80-07/12/80	0	1	
GRBA0385	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/10/80-07/10/80	0	1	
GRBA0386	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/10/80-07/10/80	0	1	
GRBA0389	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/10/80-07/10/80	0	1	
GRBA0391	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/12/80-07/12/80	0	1	
GRBA0394	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/22/92-08/22/92	0	2	
GRBA0396	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/10/80-07/10/80	0	1	
GRBA0397	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/10/80-07/10/80	0	1	
GRBA0398	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/12/80-07/12/80	0	1	
GRBA0399	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/10/80-07/10/80	0	1	
GRBA0400	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/09/80-07/09/80	0	1	
GRBA0401	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/11/80-07/11/80	0	1	
GRBA0402	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/09/80-07/09/80	0	1	
GRBA0403	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/09/80-07/09/80	0	1	
GRBA0404	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/11/80-07/11/80	0	1	
GRBA0405	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/09/80-07/09/80	0	1	
GRBA0406	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/10/80-07/10/80	0	1	
GRBA0407	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/11/80-07/11/80	0	1	
GRBA0409	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/11/80-07/11/80	0	1	
GRBA0410	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/08/80-07/08/80	0	1	
GRBA0412	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/11/80-07/11/80	0	1	
GRBA0415	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/04/80-07/04/80	0	1	
GRBA0417	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/08/80-07/08/80	0	1	
GRBA0418	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/08/80-07/08/80	0	1	
GRBA0419	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/04/80-07/04/80	0	1	
GRBA0420	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/04/80-07/04/80	0	1	
GRBA0422	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/11/80-07/11/80	0	1	
GRBA0423	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/04/80-07/04/80	0	1	
GRBA0425	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/08/80-07/08/80	0	1	
GRBA0426	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/04/80-07/04/80	0	1	
GRBA0428	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/08/80-07/08/80	0	1	
GRBA0032	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/19/92-08/19/92	0	1	
GRBA0057	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/30/92-08/30/92	0	1	
GRBA0088	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/27/92-08/27/92	0	1	
GRBA0115	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/27/92-08/27/92	0	1	
GRBA0123	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/21/92-08/21/92	0	1	
GRBA0132	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/26/92-08/26/92	0	1	
GRBA0154	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/18/92-08/18/92	0	1	
GRBA0157	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/18/92-08/18/92	0	1	
GRBA0177	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/29/92-08/29/92	0	1	
GRBA0193	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	06/15/92-06/15/92	0	1	
GRBA0199	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/29/92-08/29/92	0	1	
GRBA0223	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/23/92-08/23/92	0	1	
GRBA0237	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/23/92-08/23/92	0	1	
GRBA0245	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/23/92-08/23/92	0	1	
GRBA0252	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/20/92-08/20/92	0	2	
GRBA0265	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	01/11/72-01/11/72	0	1	
GRBA0269	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	01/11/72-01/11/72	0	1	
GRBA0271	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	01/11/72-01/11/72	0	1	
GRBA0272	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	01/11/72-01/11/72	0	1	
GRBA0273	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	01/11/72-01/11/72	0	1	
GRBA0298	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/25/92-08/25/92	0	1	
GRBA0322	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/27/87-09/21/88	1	2	
GRBA0378	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/28/92-08/28/92	0	1	
GRBA0394	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/22/92-08/22/92	0	1	
GRBA0032	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/19/92-08/19/92	0	2	
GRBA0052	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/24/79-09/27/79	0	3	
GRBA0055	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/23/66-07/09/75	8	10	
GRBA0057	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/30/92-08/30/92	0	3	
GRBA0075	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/24/79-09/27/79	0	3	
GRBA0078	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/30/84-11/16/88	4	5	

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Station/Parameter Period of Record Tabulation
From 08/23/66 To 10/28/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GRBA0088	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/27/92-08/27/92	0	1	
GRBA0115	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/27/92-08/27/92	0	1	
GRBA0123	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/21/92-08/21/92	0	1	
GRBA0132	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/26/92-08/26/92	0	1	
GRBA0154	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/18/92-08/18/92	0	1	
GRBA0157	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/18/92-08/18/92	0	1	
GRBA0170	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/08/81-07/08/81	0	1	
GRBA0177	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/29/92-08/29/92	0	1	
GRBA0193	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/25/92-08/25/92	0	1	
GRBA0199	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/29/92-08/29/92	0	1	
GRBA0223	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/23/92-08/23/92	0	1	
GRBA0237	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/23/92-08/23/92	0	1	
GRBA0245	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/23/92-08/23/92	0	1	
GRBA0252	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/20/92-08/20/92	0	2	
GRBA0298	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/25/92-08/30/92	0	4	
GRBA0322	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/27/87-10/25/89	2	3	
GRBA0378	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/28/92-08/28/92	0	1	
GRBA0394	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/22/92-08/22/92	0	2	
GRBA0078	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/25/82-11/16/88	6	9	
GRBA0045	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	05/28/89-05/28/89	0	1	
GRBA0054	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	05/28/89-05/28/89	0	1	
GRBA0061	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	05/28/89-05/28/89	0	1	
GRBA0064	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	05/28/89-05/28/89	0	1	
GRBA0070	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	05/28/89-05/28/89	0	1	
GRBA0080	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	05/27/89-05/27/89	0	1	
GRBA0090	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	05/26/89-05/26/89	0	1	
GRBA0096	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	05/27/89-05/27/89	0	1	
GRBA0114	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	05/27/89-05/27/89	0	1	
GRBA0130	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	05/29/89-05/29/89	0	1	
GRBA0163	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	05/30/89-05/30/89	0	1	
GRBA0210	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	05/31/89-05/31/89	0	1	
GRBA0212	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	05/23/89-05/23/89	0	1	
GRBA0217	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	02/28/89-02/28/89	0	1	
GRBA0225	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	05/23/89-05/23/89	0	2	
GRBA0235	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	05/23/89-05/23/89	0	1	
GRBA0248	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	03/01/89-03/01/89	0	1	
GRBA0251	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	05/24/89-05/24/89	0	1	
GRBA0254	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	05/31/89-05/31/89	0	1	
GRBA0257	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	03/01/89-03/01/89	0	2	
GRBA0281	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	03/05/89-03/05/89	0	1	
GRBA0305	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	05/24/89-05/24/89	0	1	
GRBA0306	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	03/03/89-03/03/89	0	1	
GRBA0333	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	05/28/89-05/28/89	0	1	
GRBA0334	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	05/31/89-05/31/89	0	2	
GRBA0346	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	05/28/89-05/28/89	0	1	
GRBA0355	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	05/28/89-05/28/89	0	1	
GRBA0045	Yes	00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	05/28/89-05/28/89	0	1	
GRBA0054	Yes	00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	05/28/89-05/28/89	0	1	
GRBA0061	Yes	00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	05/28/89-05/28/89	0	1	
GRBA0064	Yes	00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	05/28/89-05/28/89	0	1	
GRBA0070	Yes	00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	05/28/89-05/28/89	0	1	
GRBA0080	Yes	00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	05/27/89-05/27/89	0	1	
GRBA0090	Yes	00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	05/26/89-05/26/89	0	1	
GRBA0096	Yes	00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	05/27/89-05/27/89	0	1	
GRBA0114	Yes	00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	05/27/89-05/27/89	0	1	
GRBA0130	Yes	00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	05/29/89-05/29/89	0	1	
GRBA0163	Yes	00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	05/30/89-05/30/89	0	1	
GRBA0210	No	00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	05/31/89-05/31/89	0	1	
GRBA0212	Yes	00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	05/23/89-05/23/89	0	1	
GRBA0217	Yes	00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	02/28/89-02/28/89	0	1	
GRBA0225	Yes	00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	05/23/89-05/23/89	0	2	
GRBA0235	Yes	00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	05/23/89-05/23/89	0	1	
GRBA0248	Yes	00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	03/01/89-03/01/89	0	1	
GRBA0251	Yes	00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	05/24/89-05/24/89	0	1	
GRBA0254	Yes	00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	05/31/89-05/31/89	0	1	
GRBA0257	Yes	00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	03/01/89-03/01/89	0	2	
GRBA0281	Yes	00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	03/05/89-03/05/89	0	1	
GRBA0305	Yes	00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	05/24/89-05/24/89	0	1	
GRBA0306	Yes	00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	03/03/89-03/03/89	0	1	
GRBA0333	Yes	00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	05/28/89-05/28/89	0	1	
GRBA0334	Yes	00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	05/31/89-05/31/89	0	2	
GRBA0346	Yes	00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	05/28/89-05/28/89	0	1	

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

Station/Parameter Period of Record Tabulation
From 08/23/66 To 10/28/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GRBA0355	Yes	00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	05/28/89-05/28/89	0	1	
GRBA0078	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/25/82-11/16/88	6	9	
GRBA0167	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/22/88-07/22/88	0	1	
GRBA0168	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/30/89-06/30/89	0	1	
GRBA0170	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/08/81-07/08/81	0	1	
GRBA0172	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/15/88-04/15/88	0	1	
GRBA0282	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/22/90-01/22/90	0	1	
GRBA0291	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/22/88-07/22/88	0	1	
GRBA0292	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/30/89-06/30/89	0	1	
GRBA0313	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/22/87-07/22/87	0	1	
GRBA0314	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/30/89-06/30/89	0	1	
GRBA0323	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/22/88-07/22/88	0	1	
GRBA0324	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/30/89-06/30/89	0	1	
GRBA0001	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/08/80-07/08/80	0	1	
GRBA0004	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/08/80-07/08/80	0	1	
GRBA0008	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/09/80-07/09/80	0	1	
GRBA0012	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/15/80-07/15/80	0	1	
GRBA0032	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/19/92-08/19/92	0	1	
GRBA0037	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/09/80-07/09/80	0	1	
GRBA0045	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/28/89-05/28/89	0	1	
GRBA0054	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/28/89-05/28/89	0	1	
GRBA0057	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/30/92-08/30/92	0	2	
GRBA0061	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/28/89-05/28/89	0	1	
GRBA0064	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/28/89-05/28/89	0	1	
GRBA0070	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/28/89-05/28/89	0	1	
GRBA0078	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/25/82-11/16/88	6	9	
GRBA0080	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/27/89-05/27/89	0	1	
GRBA0088	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/27/92-08/27/92	0	1	
GRBA0090	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/26/89-05/26/89	0	1	
GRBA0096	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/27/89-05/27/89	0	1	
GRBA0097	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/07/80-07/07/80	0	1	
GRBA0099	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/20/80-07/20/80	0	1	
GRBA0101	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/20/80-07/20/80	0	1	
GRBA0114	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/27/89-05/27/89	0	1	
GRBA0115	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/27/92-08/27/92	0	1	
GRBA0121	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/09/80-07/09/80	0	1	
GRBA0123	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/21/92-08/21/92	0	1	
GRBA0130	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/29/89-05/29/89	0	1	
GRBA0132	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/26/92-08/26/92	0	1	
GRBA0134	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/19/80-07/19/80	0	1	
GRBA0147	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/07/80-07/07/80	0	1	
GRBA0151	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/19/80-07/19/80	0	1	
GRBA0154	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/18/92-08/18/92	0	1	
GRBA0157	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/18/92-08/18/92	0	1	
GRBA0163	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/30/89-05/30/89	0	1	
GRBA0172	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/15/88-04/15/88	0	1	
GRBA0174	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/13/80-07/13/80	0	1	
GRBA0177	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/29/92-08/29/92	0	1	
GRBA0193	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/25/92-08/25/92	0	1	
GRBA0199	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/29/92-08/29/92	0	1	
GRBA0210	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/31/89-05/31/89	0	1	
GRBA0212	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/23/89-05/23/89	0	1	
GRBA0217	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	02/28/89-02/28/89	0	1	
GRBA0219	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/06/80-07/06/80	0	1	
GRBA0223	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/23/92-08/23/92	0	1	
GRBA0225	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/23/89-05/23/89	0	2	
GRBA0235	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/23/89-05/23/89	0	1	
GRBA0237	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/23/92-08/23/92	0	1	
GRBA0245	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/23/92-08/23/92	0	1	
GRBA0248	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/01/89-03/01/89	0	1	
GRBA0251	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/24/89-05/24/89	0	1	
GRBA0252	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/20/92-08/20/92	0	2	
GRBA0254	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/31/89-05/31/89	0	1	
GRBA0257	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/01/89-03/01/89	0	2	
GRBA0265	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/11/72-01/11/72	0	1	
GRBA0269	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/11/72-01/11/72	0	1	
GRBA0271	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/11/72-01/11/72	0	1	
GRBA0272	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/11/72-01/11/72	0	1	
GRBA0273	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/11/72-01/11/72	0	1	
GRBA0281	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/05/89-03/05/89	0	1	
GRBA0287	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/12/80-07/12/80	0	1	
GRBA0298	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/25/92-08/30/92	0	3	

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

Station/Parameter Period of Record Tabulation
From 08/23/66 To 10/28/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GRBA0305	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/24/89-05/24/89	0	1	
GRBA0306	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/03/89-03/03/89	0	1	
GRBA0307	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/12/80-07/12/80	0	1	
GRBA0322	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/27/87-10/25/89	2	3	
GRBA0333	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/28/89-05/28/89	0	1	
GRBA0334	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/31/89-05/31/89	0	2	
GRBA0337	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/10/80-07/10/80	0	1	
GRBA0338	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/10/80-07/10/80	0	1	
GRBA0344	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/10/80-07/10/80	0	1	
GRBA0346	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/28/89-05/28/89	0	1	
GRBA0349	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/10/80-07/10/80	0	1	
GRBA0353	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/06/80-07/06/80	0	1	
GRBA0355	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/28/89-05/28/89	0	1	
GRBA0358	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/12/80-07/12/80	0	1	
GRBA0361	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/12/80-07/12/80	0	1	
GRBA0362	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/12/80-07/12/80	0	1	
GRBA0363	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/06/80-07/06/80	0	1	
GRBA0364	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/10/80-07/10/80	0	1	
GRBA0365	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/10/80-07/10/80	0	1	
GRBA0366	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/10/80-07/10/80	0	1	
GRBA0368	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/10/80-07/10/80	0	1	
GRBA0370	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/12/80-07/12/80	0	1	
GRBA0372	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/10/80-07/10/80	0	1	
GRBA0374	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/06/80-07/06/80	0	1	
GRBA0376	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/10/80-07/10/80	0	1	
GRBA0378	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/28/92-08/28/92	0	2	
GRBA0380	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/10/80-07/10/80	0	1	
GRBA0383	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/10/80-07/10/80	0	1	
GRBA0384	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/12/80-07/12/80	0	1	
GRBA0385	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/10/80-07/10/80	0	1	
GRBA0386	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/10/80-07/10/80	0	1	
GRBA0389	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/10/80-07/10/80	0	1	
GRBA0391	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/12/80-07/12/80	0	1	
GRBA0394	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/22/92-08/22/92	0	2	
GRBA0396	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/10/80-07/10/80	0	1	
GRBA0397	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/10/80-07/10/80	0	1	
GRBA0398	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/12/80-07/12/80	0	1	
GRBA0399	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/10/80-07/10/80	0	1	
GRBA0400	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/09/80-07/09/80	0	1	
GRBA0401	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/11/80-07/11/80	0	1	
GRBA0402	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/09/80-07/09/80	0	1	
GRBA0403	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/09/80-07/09/80	0	1	
GRBA0404	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/11/80-07/11/80	0	1	
GRBA0405	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/09/80-07/09/80	0	1	
GRBA0406	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/10/80-07/10/80	0	1	
GRBA0407	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/11/80-07/11/80	0	1	
GRBA0409	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/11/80-07/11/80	0	1	
GRBA0410	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/08/80-07/08/80	0	1	
GRBA0412	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/11/80-07/11/80	0	1	
GRBA0415	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/04/80-07/04/80	0	1	
GRBA0417	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/08/80-07/08/80	0	1	
GRBA0418	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/08/80-07/08/80	0	1	
GRBA0419	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/04/80-07/04/80	0	1	
GRBA0420	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/04/80-07/04/80	0	1	
GRBA0422	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/11/80-07/11/80	0	1	
GRBA0423	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/04/80-07/04/80	0	1	
GRBA0425	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/08/80-07/08/80	0	1	
GRBA0426	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/04/80-07/04/80	0	1	
GRBA0428	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/08/80-07/08/80	0	1	
GRBA0052	No	00916	CALCIUM, TOTAL (MG/L AS CA)	05/24/79-09/27/79	0	3	
GRBA0075	No	00916	CALCIUM, TOTAL (MG/L AS CA)	05/24/79-09/27/79	0	3	
GRBA0167	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	07/22/88-07/22/88	0	1	
GRBA0168	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	06/30/89-06/30/89	0	1	
GRBA0282	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	01/22/90-01/22/90	0	1	
GRBA0291	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	07/22/88-07/22/88	0	1	
GRBA0292	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	06/30/89-06/30/89	0	1	
GRBA0313	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	07/22/87-07/22/87	0	1	
GRBA0314	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	06/30/89-06/30/89	0	1	
GRBA0316	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	06/09/86-06/09/86	0	1	
GRBA0323	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	07/22/88-07/22/88	0	1	
GRBA0324	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	06/30/89-06/30/89	0	1	
GRBA0375	No	00916	CALCIUM, TOTAL (MG/L AS CA)	07/06/80-07/06/80	0	1	

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

Station/Parameter Period of Record Tabulation
From 08/23/66 To 10/28/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GRBA0381	No	00916	CALCIUM, TOTAL (MG/L AS CA)	07/06/80-07/06/80	0	1	
GRBA0382	No	00916	CALCIUM, TOTAL (MG/L AS CA)	07/06/80-07/06/80	0	1	
GRBA0392	No	00916	CALCIUM, TOTAL (MG/L AS CA)	07/12/80-07/12/80	0	1	
GRBA0411	No	00916	CALCIUM, TOTAL (MG/L AS CA)	07/11/80-07/11/80	0	1	
GRBA0413	No	00916	CALCIUM, TOTAL (MG/L AS CA)	07/08/80-07/08/80	0	1	
GRBA0001	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/08/80-07/08/80	0	1	
GRBA0002	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/08/80-07/08/80	0	1	
GRBA0004	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/08/80-07/08/80	0	1	
GRBA0008	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/09/80-07/09/80	0	1	
GRBA0009	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/09/80-07/09/80	0	1	
GRBA0011	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/15/80-07/15/80	0	1	
GRBA0012	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/15/80-07/15/80	0	1	
GRBA0032	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/19/92-08/19/92	0	1	
GRBA0036	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/09/80-07/09/80	0	1	
GRBA0037	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/09/80-07/09/80	0	1	
GRBA0045	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/28/89-05/28/89	0	1	
GRBA0054	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/28/89-05/28/89	0	1	
GRBA0057	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/30/92-08/30/92	0	2	
GRBA0061	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/28/89-05/28/89	0	1	
GRBA0064	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/28/89-05/28/89	0	1	
GRBA0070	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/28/89-05/28/89	0	1	
GRBA0078	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/25/82-11/16/88	6	9	
GRBA0080	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/27/89-05/27/89	0	1	
GRBA0088	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/27/92-08/27/92	0	1	
GRBA0090	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/26/89-05/26/89	0	1	
GRBA0096	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/27/89-05/27/89	0	1	
GRBA0097	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/07/80-07/07/80	0	1	
GRBA0099	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/20/80-07/20/80	0	1	
GRBA0101	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/20/80-07/20/80	0	1	
GRBA0114	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/27/89-05/27/89	0	1	
GRBA0115	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/27/92-08/27/92	0	1	
GRBA0121	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/09/80-07/09/80	0	1	
GRBA0123	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/21/92-08/21/92	0	1	
GRBA0130	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/29/89-05/29/89	0	1	
GRBA0132	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/26/92-08/26/92	0	1	
GRBA0134	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/19/80-07/19/80	0	1	
GRBA0147	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/07/80-07/07/80	0	1	
GRBA0151	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/19/80-07/19/80	0	1	
GRBA0152	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/19/80-07/19/80	0	1	
GRBA0154	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/18/92-08/18/92	0	1	
GRBA0157	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/18/92-08/18/92	0	1	
GRBA0163	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/30/89-05/30/89	0	1	
GRBA0172	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/15/88-04/15/88	0	1	
GRBA0174	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/13/80-07/13/80	0	1	
GRBA0177	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/29/92-08/29/92	0	1	
GRBA0193	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/25/92-08/25/92	0	1	
GRBA0199	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/29/92-08/29/92	0	1	
GRBA0210	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/31/89-05/31/89	0	1	
GRBA0212	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/23/89-05/23/89	0	1	
GRBA0217	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/28/89-02/28/89	0	1	
GRBA0219	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/06/80-07/06/80	0	1	
GRBA0223	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/23/92-08/23/92	0	1	
GRBA0225	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/23/89-05/23/89	0	2	
GRBA0235	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/23/89-05/23/89	0	1	
GRBA0237	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/23/92-08/23/92	0	1	
GRBA0245	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/23/92-08/23/92	0	1	
GRBA0248	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/01/89-03/01/89	0	1	
GRBA0251	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/24/89-05/24/89	0	1	
GRBA0252	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/20/92-08/20/92	0	2	
GRBA0254	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/31/89-05/31/89	0	1	
GRBA0257	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/01/89-03/01/89	0	2	
GRBA0265	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/11/72-01/11/72	0	1	
GRBA0269	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/11/72-01/11/72	0	1	
GRBA0271	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/11/72-01/11/72	0	1	
GRBA0272	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/11/72-01/11/72	0	1	
GRBA0273	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/11/72-01/11/72	0	1	
GRBA0281	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/05/89-03/05/89	0	1	
GRBA0287	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/12/80-07/12/80	0	1	
GRBA0298	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/25/92-08/30/92	0	3	
GRBA0305	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/24/89-05/24/89	0	1	
GRBA0306	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/03/89-03/03/89	0	1	
GRBA0307	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/12/80-07/12/80	0	1	

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

Station/Parameter Period of Record Tabulation
From 08/23/66 To 10/28/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GRBA0322	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/27/87-10/25/89	2	3	
GRBA0333	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/28/89-05/28/89	0	1	
GRBA0334	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/31/89-05/31/89	0	2	
GRBA0337	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/10/80-07/10/80	0	1	
GRBA0338	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/10/80-07/10/80	0	1	
GRBA0344	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/10/80-07/10/80	0	1	
GRBA0346	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/28/89-05/28/89	0	1	
GRBA0348	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/10/80-07/10/80	0	1	
GRBA0349	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/10/80-07/10/80	0	1	
GRBA0353	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/06/80-07/06/80	0	1	
GRBA0355	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/28/89-05/28/89	0	1	
GRBA0358	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/12/80-07/12/80	0	1	
GRBA0361	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/12/80-07/12/80	0	1	
GRBA0362	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/12/80-07/12/80	0	1	
GRBA0363	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/06/80-07/06/80	0	1	
GRBA0364	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/10/80-07/10/80	0	1	
GRBA0365	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/10/80-07/10/80	0	1	
GRBA0366	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/10/80-07/10/80	0	1	
GRBA0367	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/10/80-07/10/80	0	1	
GRBA0368	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/10/80-07/10/80	0	1	
GRBA0370	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/12/80-07/12/80	0	1	
GRBA0372	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/10/80-07/10/80	0	1	
GRBA0373	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/10/80-07/10/80	0	1	
GRBA0374	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/06/80-07/06/80	0	1	
GRBA0376	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/10/80-07/10/80	0	1	
GRBA0378	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/28/92-08/28/92	0	2	
GRBA0380	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/10/80-07/10/80	0	1	
GRBA0383	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/10/80-07/10/80	0	1	
GRBA0384	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/12/80-07/12/80	0	1	
GRBA0385	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/10/80-07/10/80	0	2	
GRBA0386	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/10/80-07/10/80	0	1	
GRBA0389	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/10/80-07/10/80	0	1	
GRBA0391	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/12/80-07/12/80	0	1	
GRBA0394	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/22/92-08/22/92	0	2	
GRBA0396	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/10/80-07/10/80	0	1	
GRBA0397	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/10/80-07/10/80	0	1	
GRBA0398	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/12/80-07/12/80	0	1	
GRBA0399	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/10/80-07/10/80	0	1	
GRBA0400	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/09/80-07/09/80	0	1	
GRBA0401	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/11/80-07/11/80	0	1	
GRBA0402	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/09/80-07/09/80	0	1	
GRBA0403	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/09/80-07/09/80	0	1	
GRBA0404	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/11/80-07/11/80	0	1	
GRBA0405	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/09/80-07/09/80	0	1	
GRBA0406	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/10/80-07/10/80	0	1	
GRBA0407	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/11/80-07/11/80	0	1	
GRBA0408	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/11/80-07/11/80	0	1	
GRBA0409	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/11/80-07/11/80	0	1	
GRBA0410	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/08/80-07/08/80	0	1	
GRBA0412	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/11/80-07/11/80	0	1	
GRBA0414	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/04/80-07/04/80	0	1	
GRBA0415	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/04/80-07/04/80	0	1	
GRBA0416	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/08/80-07/08/80	0	1	
GRBA0417	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/08/80-07/08/80	0	1	
GRBA0418	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/08/80-07/08/80	0	1	
GRBA0419	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/04/80-07/04/80	0	1	
GRBA0420	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/04/80-07/04/80	0	1	
GRBA0421	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/04/80-07/04/80	0	1	
GRBA0422	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/11/80-07/11/80	0	1	
GRBA0423	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/04/80-07/04/80	0	1	
GRBA0424	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/08/80-07/08/80	0	1	
GRBA0425	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/08/80-07/08/80	0	1	
GRBA0426	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/04/80-07/04/80	0	1	
GRBA0427	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/04/80-07/04/80	0	1	
GRBA0428	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/08/80-07/08/80	0	1	
GRBA0052	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	05/24/79-09/27/79	0	3	
GRBA0075	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	05/24/79-09/27/79	0	3	
GRBA0167	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/22/88-07/22/88	0	1	
GRBA0168	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	06/30/89-06/30/89	0	1	
GRBA0282	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/22/90-01/22/90	0	1	
GRBA0291	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/22/88-07/22/88	0	1	
GRBA0292	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	06/30/89-06/30/89	0	1	

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

Station/Parameter Period of Record Tabulation
From 08/23/66 To 10/28/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GRBA0313	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/22/87-07/22/87	0	1	
GRBA0314	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	06/30/89-06/30/89	0	1	
GRBA0323	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/22/88-07/22/88	0	1	
GRBA0324	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	06/30/89-06/30/89	0	1	
GRBA0052	No	00929	SODIUM, TOTAL (MG/L AS NA)	05/24/79-09/27/79	0	3	
GRBA0075	No	00929	SODIUM, TOTAL (MG/L AS NA)	05/24/79-09/27/79	0	3	
GRBA0167	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	07/22/88-07/22/88	0	1	
GRBA0168	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	06/30/89-06/30/89	0	1	
GRBA0282	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	01/22/90-01/22/90	0	1	
GRBA0291	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	07/22/88-07/22/88	0	1	
GRBA0292	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	06/30/89-06/30/89	0	1	
GRBA0313	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	07/22/87-07/22/87	0	1	
GRBA0314	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	06/30/89-06/30/89	0	1	
GRBA0316	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	06/09/86-06/09/86	0	1	
GRBA0323	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	07/22/88-07/22/88	0	1	
GRBA0324	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	06/30/89-06/30/89	0	1	
GRBA0375	No	00929	SODIUM, TOTAL (MG/L AS NA)	07/06/80-07/06/80	0	1	
GRBA0381	No	00929	SODIUM, TOTAL (MG/L AS NA)	07/06/80-07/06/80	0	1	
GRBA0382	No	00929	SODIUM, TOTAL (MG/L AS NA)	07/06/80-07/06/80	0	1	
GRBA0392	No	00929	SODIUM, TOTAL (MG/L AS NA)	07/12/80-07/12/80	0	1	
GRBA0411	No	00929	SODIUM, TOTAL (MG/L AS NA)	07/11/80-07/11/80	0	1	
GRBA0413	No	00929	SODIUM, TOTAL (MG/L AS NA)	07/08/80-07/08/80	0	1	
GRBA0001	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/08/80-07/08/80	0	1	
GRBA0002	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/08/80-07/08/80	0	1	
GRBA0003	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/08/80-07/08/80	0	1	
GRBA0004	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/08/80-07/08/80	0	1	
GRBA0008	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/09/80-07/09/80	0	1	
GRBA0009	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/09/80-07/09/80	0	1	
GRBA0011	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/15/80-07/15/80	0	1	
GRBA0012	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/15/80-07/15/80	0	1	
GRBA0032	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/19/92-08/19/92	0	1	
GRBA0036	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/09/80-07/09/80	0	1	
GRBA0037	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/09/80-07/09/80	0	1	
GRBA0045	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/28/89-05/28/89	0	1	
GRBA0054	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/28/89-05/28/89	0	1	
GRBA0057	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/30/92-08/30/92	0	2	
GRBA0061	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/28/89-05/28/89	0	1	
GRBA0064	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/28/89-05/28/89	0	1	
GRBA0070	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/28/89-05/28/89	0	1	
GRBA0078	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/25/82-11/16/88	6	9	
GRBA0080	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/27/89-05/27/89	0	1	
GRBA0088	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/27/92-08/27/92	0	1	
GRBA0090	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/26/89-05/26/89	0	1	
GRBA0096	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/27/89-05/27/89	0	1	
GRBA0097	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/07/80-07/07/80	0	1	
GRBA0098	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/07/80-07/07/80	0	1	
GRBA0099	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/20/80-07/20/80	0	2	
GRBA0100	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/20/80-07/20/80	0	1	
GRBA0101	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/20/80-07/20/80	0	1	
GRBA0114	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/27/89-05/27/89	0	1	
GRBA0115	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/27/92-08/27/92	0	1	
GRBA0121	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/09/80-07/09/80	0	1	
GRBA0122	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/09/80-07/09/80	0	1	
GRBA0123	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/21/92-08/21/92	0	1	
GRBA0130	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/29/89-05/29/89	0	1	
GRBA0132	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/26/92-08/26/92	0	1	
GRBA0134	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/19/80-07/19/80	0	2	
GRBA0147	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/07/80-07/07/80	0	1	
GRBA0148	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/07/80-07/07/80	0	1	
GRBA0151	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/19/80-07/19/80	0	1	
GRBA0152	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/19/80-07/19/80	0	1	
GRBA0154	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/18/92-08/18/92	0	1	
GRBA0157	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/18/92-08/18/92	0	1	
GRBA0163	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/30/89-05/30/89	0	1	
GRBA0172	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/15/88-04/15/88	0	1	
GRBA0174	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/13/80-07/13/80	0	2	
GRBA0177	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/29/92-08/29/92	0	1	
GRBA0193	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/25/92-08/25/92	0	1	
GRBA0199	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/29/92-08/29/92	0	1	
GRBA0210	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/31/89-05/31/89	0	1	
GRBA0212	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/23/89-05/23/89	0	1	
GRBA0217	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	02/28/89-02/28/89	0	1	

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

Station/Parameter Period of Record Tabulation
From 08/23/66 To 10/28/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GRBA0219	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/06/80-07/06/80	0	1	
GRBA0223	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/23/92-08/23/92	0	1	
GRBA0225	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/23/89-05/23/89	0	2	
GRBA0235	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/23/89-05/23/89	0	1	
GRBA0237	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/23/92-08/23/92	0	1	
GRBA0245	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/23/92-08/23/92	0	1	
GRBA0248	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/01/89-03/01/89	0	1	
GRBA0251	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/24/89-05/24/89	0	1	
GRBA0252	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/20/92-08/20/92	0	2	
GRBA0254	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/31/89-05/31/89	0	1	
GRBA0257	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/01/89-03/01/89	0	2	
GRBA0265	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	01/11/72-01/11/72	0	1	
GRBA0269	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	01/11/72-01/11/72	0	1	
GRBA0271	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	01/11/72-01/11/72	0	1	
GRBA0272	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	01/11/72-01/11/72	0	1	
GRBA0273	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	01/11/72-01/11/72	0	1	
GRBA0281	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/05/89-03/05/89	0	1	
GRBA0287	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/12/80-07/12/80	0	1	
GRBA0298	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/25/92-08/30/92	0	3	
GRBA0305	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/24/89-05/24/89	0	1	
GRBA0306	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/03/89-03/03/89	0	1	
GRBA0307	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/12/80-07/12/80	0	1	
GRBA0322	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/27/87-10/25/89	2	3	
GRBA0333	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/28/89-05/28/89	0	1	
GRBA0334	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/31/89-05/31/89	0	2	
GRBA0337	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/10/80-07/10/80	0	1	
GRBA0338	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/10/80-07/10/80	0	1	
GRBA0344	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/10/80-07/10/80	0	1	
GRBA0346	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/28/89-05/28/89	0	1	
GRBA0348	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/10/80-07/10/80	0	1	
GRBA0349	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/10/80-07/10/80	0	1	
GRBA0353	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/06/80-07/06/80	0	1	
GRBA0355	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/28/89-05/28/89	0	1	
GRBA0358	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/12/80-07/12/80	0	1	
GRBA0360	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/12/80-07/12/80	0	1	
GRBA0361	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/12/80-07/12/80	0	1	
GRBA0362	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/12/80-07/12/80	0	1	
GRBA0363	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/06/80-07/06/80	0	1	
GRBA0364	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/10/80-07/10/80	0	1	
GRBA0365	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/10/80-07/10/80	0	1	
GRBA0366	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/10/80-07/10/80	0	1	
GRBA0367	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/10/80-07/10/80	0	1	
GRBA0368	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/10/80-07/10/80	0	1	
GRBA0369	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/10/80-07/10/80	0	1	
GRBA0370	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/12/80-07/12/80	0	1	
GRBA0372	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/10/80-07/10/80	0	1	
GRBA0373	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/10/80-07/10/80	0	1	
GRBA0374	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/06/80-07/06/80	0	1	
GRBA0376	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/10/80-07/10/80	0	1	
GRBA0378	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/28/92-08/28/92	0	2	
GRBA0380	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/10/80-07/10/80	0	1	
GRBA0383	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/10/80-07/10/80	0	1	
GRBA0384	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/12/80-07/12/80	0	1	
GRBA0385	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/10/80-07/10/80	0	2	
GRBA0386	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/10/80-07/10/80	0	1	
GRBA0389	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/10/80-07/10/80	0	1	
GRBA0391	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/12/80-07/12/80	0	1	
GRBA0394	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/22/92-08/22/92	0	2	
GRBA0396	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/10/80-07/10/80	0	1	
GRBA0397	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/10/80-07/10/80	0	1	
GRBA0398	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/12/80-07/12/80	0	1	
GRBA0399	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/10/80-07/10/80	0	1	
GRBA0400	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/09/80-07/09/80	0	1	
GRBA0401	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/11/80-07/11/80	0	1	
GRBA0402	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/09/80-07/09/80	0	1	
GRBA0403	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/09/80-07/09/80	0	1	
GRBA0404	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/11/80-07/11/80	0	1	
GRBA0405	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/09/80-07/09/80	0	1	
GRBA0406	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/10/80-07/10/80	0	1	
GRBA0407	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/11/80-07/11/80	0	1	
GRBA0408	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/11/80-07/11/80	0	1	
GRBA0409	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/11/80-07/11/80	0	1	

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

Station/Parameter Period of Record Tabulation
From 08/23/66 To 10/28/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GRBA0410	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/08/80-07/08/80	0	1	
GRBA0412	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/11/80-07/11/80	0	1	
GRBA0414	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/04/80-07/04/80	0	1	
GRBA0415	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/04/80-07/04/80	0	1	
GRBA0416	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/08/80-07/08/80	0	1	
GRBA0417	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/08/80-07/08/80	0	1	
GRBA0418	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/08/80-07/08/80	0	1	
GRBA0419	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/04/80-07/04/80	0	1	
GRBA0420	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/04/80-07/04/80	0	1	
GRBA0421	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/04/80-07/04/80	0	1	
GRBA0422	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/11/80-07/11/80	0	1	
GRBA0423	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/04/80-07/04/80	0	1	
GRBA0424	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/08/80-07/08/80	0	1	
GRBA0425	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/08/80-07/08/80	0	1	
GRBA0426	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/04/80-07/04/80	0	1	
GRBA0427	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/04/80-07/04/80	0	1	
GRBA0428	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/08/80-07/08/80	0	1	
GRBA0001	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/08/80-07/08/80	0	1	
GRBA0004	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/08/80-07/08/80	0	1	
GRBA0008	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/09/80-07/09/80	0	1	
GRBA0012	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/15/80-07/15/80	0	1	
GRBA0032	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/19/92-08/19/92	0	1	
GRBA0037	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/09/80-07/09/80	0	1	
GRBA0045	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/28/89-05/28/89	0	1	
GRBA0054	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/28/89-05/28/89	0	1	
GRBA0057	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/30/92-08/30/92	0	2	
GRBA0061	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/28/89-05/28/89	0	1	
GRBA0064	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/28/89-05/28/89	0	1	
GRBA0070	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/28/89-05/28/89	0	1	
GRBA0078	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/25/82-11/16/88	6	9	
GRBA0080	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/27/89-05/27/89	0	1	
GRBA0088	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/27/92-08/27/92	0	1	
GRBA0090	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/26/89-05/26/89	0	1	
GRBA0096	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/27/89-05/27/89	0	1	
GRBA0097	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/07/80-07/07/80	0	1	
GRBA0099	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/20/80-07/20/80	0	1	
GRBA0101	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/20/80-07/20/80	0	1	
GRBA0114	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/27/89-05/27/89	0	1	
GRBA0115	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/27/92-08/27/92	0	1	
GRBA0121	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/09/80-07/09/80	0	1	
GRBA0123	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/21/92-08/21/92	0	1	
GRBA0130	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/29/89-05/29/89	0	1	
GRBA0132	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/26/92-08/26/92	0	1	
GRBA0134	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/19/80-07/19/80	0	1	
GRBA0147	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/07/80-07/07/80	0	1	
GRBA0151	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/19/80-07/19/80	0	1	
GRBA0154	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/18/92-08/18/92	0	1	
GRBA0157	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/18/92-08/18/92	0	1	
GRBA0163	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/30/89-05/30/89	0	1	
GRBA0172	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/15/88-04/15/88	0	1	
GRBA0174	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/13/80-07/13/80	0	1	
GRBA0177	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/29/92-08/29/92	0	1	
GRBA0193	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/25/92-08/25/92	0	1	
GRBA0199	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/29/92-08/29/92	0	1	
GRBA0210	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/31/89-05/31/89	0	1	
GRBA0212	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/23/89-05/23/89	0	1	
GRBA0217	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	02/28/89-02/28/89	0	1	
GRBA0219	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/06/80-07/06/80	0	1	
GRBA0223	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/23/92-08/23/92	0	1	
GRBA0225	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/23/89-05/23/89	0	2	
GRBA0235	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/23/89-05/23/89	0	1	
GRBA0237	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/23/92-08/23/92	0	1	
GRBA0245	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/23/92-08/23/92	0	1	
GRBA0248	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/01/89-03/01/89	0	1	
GRBA0251	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/24/89-05/24/89	0	1	
GRBA0252	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/20/92-08/20/92	0	2	
GRBA0254	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/31/89-05/31/89	0	1	
GRBA0257	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/01/89-03/01/89	0	2	
GRBA0265	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/11/72-01/11/72	0	1	
GRBA0269	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/11/72-01/11/72	0	1	
GRBA0271	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/11/72-01/11/72	0	1	
GRBA0272	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/11/72-01/11/72	0	1	

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

Station/Parameter Period of Record Tabulation
From 08/23/66 To 10/28/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GRBA0273	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/11/72-01/11/72	0	1	
GRBA0281	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/05/89-03/05/89	0	1	
GRBA0287	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/12/80-07/12/80	0	1	
GRBA0298	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/25/92-08/30/92	0	3	
GRBA0305	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/24/89-05/24/89	0	1	
GRBA0306	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/03/89-03/03/89	0	1	
GRBA0307	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/12/80-07/12/80	0	1	
GRBA0322	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/27/87-10/25/89	2	3	
GRBA0333	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/28/89-05/28/89	0	1	
GRBA0334	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/31/89-05/31/89	0	2	
GRBA0337	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/10/80-07/10/80	0	1	
GRBA0338	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/10/80-07/10/80	0	1	
GRBA0344	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/10/80-07/10/80	0	1	
GRBA0346	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/28/89-05/28/89	0	1	
GRBA0349	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/10/80-07/10/80	0	1	
GRBA0353	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/06/80-07/06/80	0	1	
GRBA0355	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/28/89-05/28/89	0	1	
GRBA0358	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/12/80-07/12/80	0	1	
GRBA0361	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/12/80-07/12/80	0	1	
GRBA0362	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/12/80-07/12/80	0	1	
GRBA0363	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/06/80-07/06/80	0	1	
GRBA0364	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/10/80-07/10/80	0	1	
GRBA0365	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/10/80-07/10/80	0	1	
GRBA0366	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/10/80-07/10/80	0	1	
GRBA0368	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/10/80-07/10/80	0	1	
GRBA0370	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/12/80-07/12/80	0	1	
GRBA0372	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/10/80-07/10/80	0	1	
GRBA0374	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/06/80-07/06/80	0	1	
GRBA0376	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/10/80-07/10/80	0	1	
GRBA0378	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/28/92-08/28/92	0	2	
GRBA0380	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/10/80-07/10/80	0	1	
GRBA0383	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/10/80-07/10/80	0	1	
GRBA0384	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/12/80-07/12/80	0	1	
GRBA0385	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/10/80-07/10/80	0	1	
GRBA0386	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/10/80-07/10/80	0	1	
GRBA0389	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/10/80-07/10/80	0	1	
GRBA0391	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/12/80-07/12/80	0	1	
GRBA0394	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/22/92-08/22/92	0	2	
GRBA0396	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/10/80-07/10/80	0	1	
GRBA0397	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/10/80-07/10/80	0	1	
GRBA0398	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/12/80-07/12/80	0	1	
GRBA0399	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/10/80-07/10/80	0	1	
GRBA0400	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/09/80-07/09/80	0	1	
GRBA0401	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/11/80-07/11/80	0	1	
GRBA0402	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/09/80-07/09/80	0	1	
GRBA0403	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/09/80-07/09/80	0	1	
GRBA0404	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/11/80-07/11/80	0	1	
GRBA0405	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/09/80-07/09/80	0	1	
GRBA0406	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/10/80-07/10/80	0	1	
GRBA0407	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/11/80-07/11/80	0	1	
GRBA0409	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/11/80-07/11/80	0	1	
GRBA0410	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/08/80-07/08/80	0	1	
GRBA0412	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/11/80-07/11/80	0	1	
GRBA0415	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/04/80-07/04/80	0	1	
GRBA0417	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/08/80-07/08/80	0	1	
GRBA0418	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/08/80-07/08/80	0	1	
GRBA0419	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/04/80-07/04/80	0	1	
GRBA0420	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/04/80-07/04/80	0	1	
GRBA0422	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/11/80-07/11/80	0	1	
GRBA0423	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/04/80-07/04/80	0	1	
GRBA0425	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/08/80-07/08/80	0	1	
GRBA0426	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/04/80-07/04/80	0	1	
GRBA0428	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/08/80-07/08/80	0	1	
GRBA0052	No	00937	POTASSIUM, TOTAL MG/L AS K)	05/24/79-09/27/79	0	3	
GRBA0075	No	00937	POTASSIUM, TOTAL MG/L AS K)	05/24/79-09/27/79	0	3	
GRBA0167	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	07/22/88-07/22/88	0	1	
GRBA0282	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	01/22/90-01/22/90	0	1	
GRBA0291	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	07/22/88-07/22/88	0	1	
GRBA0313	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	07/22/87-07/22/87	0	1	
GRBA0323	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	07/22/88-07/22/88	0	1	
GRBA0375	No	00937	POTASSIUM, TOTAL MG/L AS K)	07/06/80-07/06/80	0	1	
GRBA0381	No	00937	POTASSIUM, TOTAL MG/L AS K)	07/06/80-07/06/80	0	1	

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

Station/Parameter Period of Record Tabulation
From 08/23/66 To 10/28/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GRBA0382	No	00937	POTASSIUM, TOTAL MG/L AS K)	07/06/80-07/06/80	0	1	
GRBA0392	No	00937	POTASSIUM, TOTAL MG/L AS K)	07/12/80-07/12/80	0	1	
GRBA0411	No	00937	POTASSIUM, TOTAL MG/L AS K)	07/11/80-07/11/80	0	1	
GRBA0413	No	00937	POTASSIUM, TOTAL MG/L AS K)	07/08/80-07/08/80	0	1	
GRBA0006	No	00940	CHLORIDE,TOTAL IN WATER MG/L	06/14/83-06/14/83	0	1	
GRBA0007	No	00940	CHLORIDE,TOTAL IN WATER MG/L	06/14/83-06/14/83	0	1	
GRBA0010	No	00940	CHLORIDE,TOTAL IN WATER MG/L	06/14/83-06/14/83	0	1	
GRBA0032	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/19/92-08/19/92	0	1	
GRBA0052	No	00940	CHLORIDE,TOTAL IN WATER MG/L	05/24/79-09/27/79	0	3	
GRBA0055	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/23/66-07/09/75	8	11	
GRBA0057	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/30/92-08/30/92	0	2	
GRBA0075	No	00940	CHLORIDE,TOTAL IN WATER MG/L	05/24/79-09/27/79	0	3	
GRBA0078	No	00940	CHLORIDE,TOTAL IN WATER MG/L	03/25/82-11/16/88	6	9	
GRBA0088	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/27/92-08/27/92	0	1	
GRBA0115	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/27/92-08/27/92	0	1	
GRBA0123	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/21/92-08/21/92	0	1	
GRBA0132	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/26/92-08/26/92	0	1	
GRBA0154	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/18/92-08/18/92	0	1	
GRBA0157	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/18/92-08/18/92	0	1	
GRBA0167	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	07/22/88-07/22/88	0	1	
GRBA0168	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	06/30/89-06/30/89	0	1	
GRBA0170	No	00940	CHLORIDE,TOTAL IN WATER MG/L	07/08/81-07/08/81	0	1	
GRBA0177	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/29/92-08/29/92	0	1	
GRBA0193	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/25/92-08/25/92	0	1	
GRBA0199	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/29/92-08/29/92	0	1	
GRBA0223	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/23/92-08/23/92	0	1	
GRBA0237	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/23/92-08/23/92	0	1	
GRBA0245	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/23/92-08/23/92	0	1	
GRBA0252	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/20/92-08/20/92	0	2	
GRBA0282	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	01/22/90-01/22/90	0	1	
GRBA0291	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	07/22/88-07/22/88	0	1	
GRBA0292	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	06/30/89-06/30/89	0	1	
GRBA0298	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/25/92-08/30/92	0	3	
GRBA0313	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	07/22/87-07/22/87	0	1	
GRBA0314	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	06/30/89-06/30/89	0	1	
GRBA0316	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	06/09/86-06/09/86	0	1	
GRBA0322	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/27/87-10/25/89	2	3	
GRBA0323	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	07/22/88-07/22/88	0	1	
GRBA0324	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	06/30/89-06/30/89	0	1	
GRBA0378	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/28/92-08/28/92	0	1	
GRBA0394	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/22/92-08/22/92	0	1	
GRBA0045	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/28/89-05/28/89	0	1	
GRBA0054	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/28/89-05/28/89	0	1	
GRBA0055	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/23/66-07/09/75	8	11	
GRBA0061	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/28/89-05/28/89	0	1	
GRBA0064	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/28/89-05/28/89	0	1	
GRBA0070	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/28/89-05/28/89	0	1	
GRBA0078	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/25/82-10/30/84	2	5	
GRBA0080	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/27/89-05/27/89	0	1	
GRBA0090	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/26/89-05/26/89	0	1	
GRBA0096	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/27/89-05/27/89	0	1	
GRBA0114	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/27/89-05/27/89	0	1	
GRBA0130	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/29/89-05/29/89	0	1	
GRBA0163	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/30/89-05/30/89	0	1	
GRBA0172	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	04/15/88-04/15/88	0	1	
GRBA0210	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/31/89-05/31/89	0	1	
GRBA0212	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/23/89-05/23/89	0	1	
GRBA0225	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/23/89-05/23/89	0	2	
GRBA0235	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/23/89-05/23/89	0	1	
GRBA0251	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/24/89-05/24/89	0	1	
GRBA0254	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/31/89-05/31/89	0	1	
GRBA0265	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	01/11/72-01/11/72	0	1	
GRBA0267	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	01/11/72-01/11/72	0	1	
GRBA0269	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	01/11/72-01/11/72	0	1	
GRBA0271	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	01/11/72-01/11/72	0	1	
GRBA0272	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	01/11/72-01/11/72	0	1	
GRBA0273	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	01/11/72-01/11/72	0	1	
GRBA0305	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/24/89-05/24/89	0	1	
GRBA0333	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/28/89-05/28/89	0	1	
GRBA0334	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/31/89-05/31/89	0	2	
GRBA0346	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/28/89-05/28/89	0	1	
GRBA0355	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/28/89-05/28/89	0	1	

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

Station/Parameter Period of Record Tabulation
From 08/23/66 To 10/28/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GRBA0052	No	00945	SULFATE, TOTAL (MG/L AS SO4)	05/24/79-09/27/79	0	3	
GRBA0075	No	00945	SULFATE, TOTAL (MG/L AS SO4)	05/24/79-09/27/79	0	3	
GRBA0167	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	07/22/88-07/22/88	0	1	
GRBA0168	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	06/30/89-06/30/89	0	1	
GRBA0170	No	00945	SULFATE, TOTAL (MG/L AS SO4)	07/08/81-07/08/81	0	1	
GRBA0282	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	01/22/90-01/22/90	0	1	
GRBA0291	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	07/22/88-07/22/88	0	1	
GRBA0292	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	06/30/89-06/30/89	0	1	
GRBA0313	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	07/22/87-07/22/87	0	1	
GRBA0314	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	06/30/89-06/30/89	0	1	
GRBA0316	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	06/09/86-06/09/86	0	1	
GRBA0322	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/27/87-10/25/89	2	3	
GRBA0323	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	07/22/88-07/22/88	0	1	
GRBA0324	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	06/30/89-06/30/89	0	1	
GRBA0032	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/19/92-08/19/92	0	1	
GRBA0045	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/28/89-05/28/89	0	1	
GRBA0054	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/28/89-05/28/89	0	1	
GRBA0057	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/30/92-08/30/92	0	2	
GRBA0061	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/28/89-05/28/89	0	1	
GRBA0064	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/28/89-05/28/89	0	1	
GRBA0070	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/28/89-05/28/89	0	1	
GRBA0078	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/25/82-11/16/88	6	9	
GRBA0080	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/27/89-05/27/89	0	1	
GRBA0088	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/27/92-08/27/92	0	1	
GRBA0090	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/26/89-05/26/89	0	1	
GRBA0096	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/27/89-05/27/89	0	1	
GRBA0114	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/27/89-05/27/89	0	1	
GRBA0115	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/27/92-08/27/92	0	1	
GRBA0123	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/21/92-08/21/92	0	1	
GRBA0130	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/29/89-05/29/89	0	1	
GRBA0132	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/26/92-08/26/92	0	1	
GRBA0154	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/18/92-08/18/92	0	1	
GRBA0157	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/18/92-08/18/92	0	1	
GRBA0163	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/30/89-05/30/89	0	1	
GRBA0172	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	04/15/88-04/15/88	0	1	
GRBA0177	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/29/92-08/29/92	0	1	
GRBA0193	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/25/92-08/25/92	0	1	
GRBA0199	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/29/92-08/29/92	0	1	
GRBA0210	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/31/89-05/31/89	0	1	
GRBA0212	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/23/89-05/23/89	0	1	
GRBA0223	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/23/92-08/23/92	0	1	
GRBA0225	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/23/89-05/23/89	0	2	
GRBA0235	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/23/89-05/23/89	0	1	
GRBA0237	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/23/92-08/23/92	0	1	
GRBA0245	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/23/92-08/23/92	0	1	
GRBA0251	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/24/89-05/24/89	0	1	
GRBA0252	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/20/92-08/20/92	0	2	
GRBA0254	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/31/89-05/31/89	0	1	
GRBA0265	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	01/11/72-01/11/72	0	1	
GRBA0267	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	01/11/72-01/11/72	0	1	
GRBA0269	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	01/11/72-01/11/72	0	1	
GRBA0271	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	01/11/72-01/11/72	0	1	
GRBA0272	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	01/11/72-01/11/72	0	1	
GRBA0273	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	01/11/72-01/11/72	0	1	
GRBA0298	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/25/92-08/30/92	0	3	
GRBA0305	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/24/89-05/24/89	0	1	
GRBA0333	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/28/89-05/28/89	0	1	
GRBA0334	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/31/89-05/31/89	0	2	
GRBA0346	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/28/89-05/28/89	0	1	
GRBA0355	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/28/89-05/28/89	0	1	
GRBA0378	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/28/92-08/28/92	0	1	
GRBA0394	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/22/92-08/22/92	0	1	
GRBA0172	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/15/88-04/15/88	0	1	
GRBA0322	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/27/87-10/25/89	2	3	
GRBA0167	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	07/22/88-07/22/88	0	1	
GRBA0282	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	01/22/90-01/22/90	0	1	
GRBA0291	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	07/22/88-07/22/88	0	1	
GRBA0313	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	07/22/87-07/22/87	0	1	
GRBA0316	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	06/09/86-06/09/86	0	1	
GRBA0323	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	07/22/88-07/22/88	0	1	
GRBA0032	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/19/92-08/19/92	0	1	
GRBA0057	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/30/92-08/30/92	0	1	

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

Station/Parameter Period of Record Tabulation
From 08/23/66 To 10/28/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GRBA0088	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/27/92-08/27/92	0	1	
GRBA0115	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/27/92-08/27/92	0	1	
GRBA0123	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/21/92-08/21/92	0	1	
GRBA0132	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/26/92-08/26/92	0	1	
GRBA0154	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/18/92-08/18/92	0	1	
GRBA0157	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/18/92-08/18/92	0	1	
GRBA0172	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	04/15/88-04/15/88	0	1	
GRBA0177	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/29/92-08/29/92	0	1	
GRBA0193	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	06/15/92-06/15/92	0	1	
GRBA0199	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/29/92-08/29/92	0	1	
GRBA0223	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/23/92-08/23/92	0	1	
GRBA0237	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/23/92-08/23/92	0	1	
GRBA0245	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/23/92-08/23/92	0	1	
GRBA0252	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/20/92-08/20/92	0	2	
GRBA0298	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/25/92-08/25/92	0	1	
GRBA0322	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/27/87-10/25/89	2	3	
GRBA0378	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/28/92-08/28/92	0	1	
GRBA0394	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/22/92-08/22/92	0	1	
GRBA0167	Yes	00956	SILICA, TOTAL (MG/L AS SI02)	07/22/88-07/22/88	0	1	
GRBA0282	Yes	00956	SILICA, TOTAL (MG/L AS SI02)	01/22/90-01/22/90	0	1	
GRBA0291	Yes	00956	SILICA, TOTAL (MG/L AS SI02)	07/22/88-07/22/88	0	1	
GRBA0313	Yes	00956	SILICA, TOTAL (MG/L AS SI02)	07/22/87-07/22/87	0	1	
GRBA0323	Yes	00956	SILICA, TOTAL (MG/L AS SI02)	07/22/88-07/22/88	0	1	
GRBA0032	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/19/92-08/19/92	0	1	
GRBA0045	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	05/28/89-05/28/89	0	1	
GRBA0054	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	05/28/89-05/28/89	0	1	
GRBA0057	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/30/92-08/30/92	0	1	
GRBA0061	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	05/28/89-05/28/89	0	1	
GRBA0064	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	05/28/89-05/28/89	0	1	
GRBA0070	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	05/28/89-05/28/89	0	1	
GRBA0080	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	05/27/89-05/27/89	0	1	
GRBA0088	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/27/92-08/27/92	0	1	
GRBA0090	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	05/26/89-05/26/89	0	1	
GRBA0096	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	05/27/89-05/27/89	0	1	
GRBA0114	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	05/27/89-05/27/89	0	1	
GRBA0115	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/27/92-08/27/92	0	1	
GRBA0123	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/21/92-08/21/92	0	1	
GRBA0130	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	05/29/89-05/29/89	0	1	
GRBA0132	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/26/92-08/26/92	0	1	
GRBA0154	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/18/92-08/18/92	0	1	
GRBA0157	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/18/92-08/18/92	0	1	
GRBA0163	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	05/30/89-05/30/89	0	1	
GRBA0172	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	04/15/88-04/15/88	0	1	
GRBA0177	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/29/92-08/29/92	0	1	
GRBA0193	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	06/15/92-06/15/92	0	1	
GRBA0199	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/29/92-08/29/92	0	1	
GRBA0210	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	05/31/89-05/31/89	0	1	
GRBA0212	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	05/23/89-05/23/89	0	1	
GRBA0217	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	02/28/89-02/28/89	0	1	
GRBA0223	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/23/92-08/23/92	0	1	
GRBA0225	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	05/23/89-05/23/89	0	2	
GRBA0235	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	05/23/89-05/23/89	0	1	
GRBA0237	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/23/92-08/23/92	0	1	
GRBA0245	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/23/92-08/23/92	0	1	
GRBA0248	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	03/01/89-03/01/89	0	1	
GRBA0251	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	05/24/89-05/24/89	0	1	
GRBA0252	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/20/92-08/20/92	0	2	
GRBA0254	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	05/31/89-05/31/89	0	1	
GRBA0257	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	03/01/89-03/01/89	0	2	
GRBA0281	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	03/05/89-03/05/89	0	1	
GRBA0298	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/25/92-08/25/92	0	1	
GRBA0305	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	05/24/89-05/24/89	0	1	
GRBA0306	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	03/03/89-03/03/89	0	1	
GRBA0322	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/27/87-10/25/89	2	3	
GRBA0333	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	05/28/89-05/28/89	0	1	
GRBA0334	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	05/31/89-05/31/89	0	2	
GRBA0346	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	05/28/89-05/28/89	0	1	
GRBA0355	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	05/28/89-05/28/89	0	1	
GRBA0378	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/28/92-08/28/92	0	1	
GRBA0394	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/22/92-08/22/92	0	1	
GRBA0078	No	01002	ARSENIC, TOTAL (UG/L AS AS)	03/25/82-11/16/88	6	9	
GRBA0167	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	07/22/88-07/22/88	0	1	

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

Station/Parameter Period of Record Tabulation
From 08/23/66 To 10/28/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GRBA0282	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	01/22/90-01/22/90	0	1	
GRBA0291	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	07/22/88-07/22/88	0	1	
GRBA0313	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	07/22/87-07/22/87	0	1	
GRBA0316	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	06/09/86-06/09/86	0	1	
GRBA0323	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	07/22/88-07/22/88	0	1	
GRBA0001	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	07/08/80-07/08/80	0	1	
GRBA0004	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	07/08/80-07/08/80	0	1	
GRBA0008	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	07/09/80-07/09/80	0	1	
GRBA0012	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	07/15/80-07/15/80	0	1	
GRBA0037	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	07/09/80-07/09/80	0	1	
GRBA0045	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	05/28/89-05/28/89	0	1	
GRBA0054	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	05/28/89-05/28/89	0	1	
GRBA0061	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	05/28/89-05/28/89	0	1	
GRBA0064	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	05/28/89-05/28/89	0	1	
GRBA0070	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	05/28/89-05/28/89	0	1	
GRBA0080	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	05/27/89-05/27/89	0	1	
GRBA0090	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	05/26/89-05/26/89	0	1	
GRBA0096	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	05/27/89-05/27/89	0	1	
GRBA0097	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	07/07/80-07/07/80	0	1	
GRBA0099	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	07/20/80-07/20/80	0	1	
GRBA0101	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	07/20/80-07/20/80	0	1	
GRBA0114	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	05/27/89-05/27/89	0	1	
GRBA0121	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	07/09/80-07/09/80	0	1	
GRBA0130	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	05/29/89-05/29/89	0	1	
GRBA0134	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	07/19/80-07/19/80	0	1	
GRBA0147	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	07/07/80-07/07/80	0	1	
GRBA0151	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	07/19/80-07/19/80	0	1	
GRBA0163	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	05/30/89-05/30/89	0	1	
GRBA0172	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	04/15/88-04/15/88	0	1	
GRBA0174	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	07/13/80-07/13/80	0	1	
GRBA0210	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	05/31/89-05/31/89	0	1	
GRBA0212	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	05/23/89-05/23/89	0	1	
GRBA0217	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	02/28/89-02/28/89	0	1	
GRBA0219	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	07/06/80-07/06/80	0	1	
GRBA0225	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	05/23/89-05/23/89	0	2	
GRBA0235	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	05/23/89-05/23/89	0	1	
GRBA0248	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	03/01/89-03/01/89	0	1	
GRBA0251	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	05/24/89-05/24/89	0	1	
GRBA0254	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	05/31/89-05/31/89	0	1	
GRBA0257	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	03/01/89-03/01/89	0	2	
GRBA0281	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	03/05/89-03/05/89	0	1	
GRBA0287	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	07/12/80-07/12/80	0	1	
GRBA0305	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	05/24/89-05/24/89	0	1	
GRBA0306	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	03/03/89-03/03/89	0	1	
GRBA0307	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	07/12/80-07/12/80	0	1	
GRBA0322	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	08/27/87-10/25/89	2	3	
GRBA0333	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	05/28/89-05/28/89	0	1	
GRBA0334	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	05/31/89-05/31/89	0	2	
GRBA0337	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	07/10/80-07/10/80	0	1	
GRBA0338	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	07/10/80-07/10/80	0	1	
GRBA0344	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	07/10/80-07/10/80	0	1	
GRBA0346	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	05/28/89-05/28/89	0	1	
GRBA0349	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	07/10/80-07/10/80	0	1	
GRBA0353	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	07/06/80-07/06/80	0	1	
GRBA0355	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	05/28/89-05/28/89	0	1	
GRBA0358	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	07/12/80-07/12/80	0	1	
GRBA0361	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	07/12/80-07/12/80	0	1	
GRBA0362	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	07/12/80-07/12/80	0	1	
GRBA0363	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	07/06/80-07/06/80	0	1	
GRBA0364	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	07/10/80-07/10/80	0	1	
GRBA0365	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	07/10/80-07/10/80	0	1	
GRBA0366	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	07/10/80-07/10/80	0	1	
GRBA0368	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	07/10/80-07/10/80	0	1	
GRBA0370	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	07/12/80-07/12/80	0	1	
GRBA0372	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	07/10/80-07/10/80	0	1	
GRBA0374	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	07/06/80-07/06/80	0	1	
GRBA0376	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	07/10/80-07/10/80	0	1	
GRBA0380	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	07/10/80-07/10/80	0	1	
GRBA0383	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	07/10/80-07/10/80	0	1	
GRBA0384	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	07/12/80-07/12/80	0	1	
GRBA0385	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	07/10/80-07/10/80	0	1	
GRBA0386	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	07/10/80-07/10/80	0	1	

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

Station/Parameter Period of Record Tabulation
From 08/23/66 To 10/28/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GRBA0389	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	07/10/80-07/10/80	0	1	
GRBA0391	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	07/12/80-07/12/80	0	1	
GRBA0396	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	07/10/80-07/10/80	0	1	
GRBA0397	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	07/10/80-07/10/80	0	1	
GRBA0398	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	07/12/80-07/12/80	0	1	
GRBA0399	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	07/10/80-07/10/80	0	1	
GRBA0400	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	07/09/80-07/09/80	0	1	
GRBA0401	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	07/11/80-07/11/80	0	1	
GRBA0402	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	07/09/80-07/09/80	0	1	
GRBA0403	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	07/09/80-07/09/80	0	1	
GRBA0404	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	07/11/80-07/11/80	0	1	
GRBA0405	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	07/09/80-07/09/80	0	1	
GRBA0406	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	07/10/80-07/10/80	0	1	
GRBA0407	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	07/11/80-07/11/80	0	1	
GRBA0409	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	07/11/80-07/11/80	0	1	
GRBA0410	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	07/08/80-07/08/80	0	1	
GRBA0412	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	07/11/80-07/11/80	0	1	
GRBA0415	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	07/04/80-07/04/80	0	1	
GRBA0417	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	07/08/80-07/08/80	0	1	
GRBA0418	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	07/08/80-07/08/80	0	1	
GRBA0419	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	07/04/80-07/04/80	0	1	
GRBA0420	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	07/04/80-07/04/80	0	1	
GRBA0422	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	07/11/80-07/11/80	0	1	
GRBA0423	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	07/04/80-07/04/80	0	1	
GRBA0425	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	07/08/80-07/08/80	0	1	
GRBA0426	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	07/04/80-07/04/80	0	1	
GRBA0428	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	07/08/80-07/08/80	0	1	
GRBA0078	No	01007	BARIUM, TOTAL (UG/L AS BA)	03/25/82-11/16/88	6	9	
GRBA0167	Yes	01007	BARIUM, TOTAL (UG/L AS BA)	07/22/88-07/22/88	0	1	
GRBA0282	Yes	01007	BARIUM, TOTAL (UG/L AS BA)	01/22/90-01/22/90	0	1	
GRBA0291	Yes	01007	BARIUM, TOTAL (UG/L AS BA)	07/22/88-07/22/88	0	1	
GRBA0313	Yes	01007	BARIUM, TOTAL (UG/L AS BA)	07/22/87-07/22/87	0	1	
GRBA0316	Yes	01007	BARIUM, TOTAL (UG/L AS BA)	06/09/86-06/09/86	0	1	
GRBA0323	Yes	01007	BARIUM, TOTAL (UG/L AS BA)	07/22/88-07/22/88	0	1	
GRBA0375	No	01007	BARIUM, TOTAL (UG/L AS BA)	07/06/80-07/06/80	0	1	
GRBA0381	No	01007	BARIUM, TOTAL (UG/L AS BA)	07/06/80-07/06/80	0	1	
GRBA0382	No	01007	BARIUM, TOTAL (UG/L AS BA)	07/06/80-07/06/80	0	1	
GRBA0392	No	01007	BARIUM, TOTAL (UG/L AS BA)	07/12/80-07/12/80	0	1	
GRBA0411	No	01007	BARIUM, TOTAL (UG/L AS BA)	07/11/80-07/11/80	0	1	
GRBA0413	No	01007	BARIUM, TOTAL (UG/L AS BA)	07/08/80-07/08/80	0	1	
GRBA0001	No	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/08/80-07/08/80	0	1	
GRBA0004	No	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/08/80-07/08/80	0	1	
GRBA0008	No	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/09/80-07/09/80	0	1	
GRBA0012	No	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/15/80-07/15/80	0	1	
GRBA0037	No	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/09/80-07/09/80	0	1	
GRBA0045	Yes	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	05/28/89-05/28/89	0	1	
GRBA0054	Yes	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	05/28/89-05/28/89	0	1	
GRBA0061	Yes	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	05/28/89-05/28/89	0	1	
GRBA0064	Yes	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	05/28/89-05/28/89	0	1	
GRBA0070	Yes	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	05/28/89-05/28/89	0	1	
GRBA0080	Yes	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	05/27/89-05/27/89	0	1	
GRBA0090	Yes	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	05/26/89-05/26/89	0	1	
GRBA0096	Yes	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	05/27/89-05/27/89	0	1	
GRBA0097	No	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/07/80-07/07/80	0	1	
GRBA0099	Yes	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/20/80-07/20/80	0	1	
GRBA0101	Yes	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/20/80-07/20/80	0	1	
GRBA0114	Yes	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	05/27/89-05/27/89	0	1	
GRBA0121	No	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/09/80-07/09/80	0	1	
GRBA0130	Yes	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	05/29/89-05/29/89	0	1	
GRBA0134	Yes	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/19/80-07/19/80	0	1	
GRBA0147	No	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/07/80-07/07/80	0	1	
GRBA0151	Yes	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/19/80-07/19/80	0	1	
GRBA0163	Yes	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	05/30/89-05/30/89	0	1	
GRBA0174	No	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/13/80-07/13/80	0	1	
GRBA0210	No	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	05/31/89-05/31/89	0	1	
GRBA0212	Yes	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	05/23/89-05/23/89	0	1	
GRBA0217	Yes	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	02/28/89-02/28/89	0	1	
GRBA0219	No	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/06/80-07/06/80	0	1	
GRBA0225	Yes	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	05/23/89-05/23/89	0	2	
GRBA0235	Yes	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	05/23/89-05/23/89	0	1	
GRBA0248	Yes	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	03/01/89-03/01/89	0	1	
GRBA0251	Yes	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	05/24/89-05/24/89	0	1	

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

Station/Parameter Period of Record Tabulation
From 08/23/66 To 10/28/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GRBA0254	Yes	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	05/31/89-05/31/89	0	1	
GRBA0257	Yes	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	03/01/89-03/01/89	0	2	
GRBA0281	Yes	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	03/05/89-03/05/89	0	1	
GRBA0287	No	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/12/80-07/12/80	0	1	
GRBA0305	Yes	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	05/24/89-05/24/89	0	1	
GRBA0306	Yes	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	03/03/89-03/03/89	0	1	
GRBA0307	No	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/12/80-07/12/80	0	1	
GRBA0322	Yes	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	08/27/87-10/25/89	2	3	
GRBA0333	Yes	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	05/28/89-05/28/89	0	1	
GRBA0334	Yes	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	05/31/89-05/31/89	0	2	
GRBA0337	No	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/10/80-07/10/80	0	1	
GRBA0338	Yes	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/10/80-07/10/80	0	1	
GRBA0344	No	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/10/80-07/10/80	0	1	
GRBA0346	Yes	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	05/28/89-05/28/89	0	1	
GRBA0349	No	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/10/80-07/10/80	0	1	
GRBA0353	No	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/06/80-07/06/80	0	1	
GRBA0355	Yes	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	05/28/89-05/28/89	0	1	
GRBA0358	No	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/12/80-07/12/80	0	1	
GRBA0361	No	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/12/80-07/12/80	0	1	
GRBA0362	No	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/12/80-07/12/80	0	1	
GRBA0363	No	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/06/80-07/06/80	0	1	
GRBA0364	No	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/10/80-07/10/80	0	1	
GRBA0365	Yes	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/10/80-07/10/80	0	1	
GRBA0366	Yes	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/10/80-07/10/80	0	1	
GRBA0368	Yes	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/10/80-07/10/80	0	1	
GRBA0370	No	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/12/80-07/12/80	0	1	
GRBA0372	No	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/10/80-07/10/80	0	1	
GRBA0374	No	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/06/80-07/06/80	0	1	
GRBA0376	No	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/10/80-07/10/80	0	1	
GRBA0380	No	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/10/80-07/10/80	0	1	
GRBA0383	No	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/10/80-07/10/80	0	1	
GRBA0384	No	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/12/80-07/12/80	0	1	
GRBA0385	No	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/10/80-07/10/80	0	1	
GRBA0386	No	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/10/80-07/10/80	0	1	
GRBA0389	No	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/10/80-07/10/80	0	1	
GRBA0391	No	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/12/80-07/12/80	0	1	
GRBA0396	No	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/10/80-07/10/80	0	1	
GRBA0397	No	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/10/80-07/10/80	0	1	
GRBA0398	No	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/12/80-07/12/80	0	1	
GRBA0399	No	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/10/80-07/10/80	0	1	
GRBA0400	No	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/09/80-07/09/80	0	1	
GRBA0401	No	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/11/80-07/11/80	0	1	
GRBA0402	No	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/09/80-07/09/80	0	1	
GRBA0403	No	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/09/80-07/09/80	0	1	
GRBA0404	No	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/11/80-07/11/80	0	1	
GRBA0405	No	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/09/80-07/09/80	0	1	
GRBA0406	No	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/10/80-07/10/80	0	1	
GRBA0407	No	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/11/80-07/11/80	0	1	
GRBA0409	No	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/11/80-07/11/80	0	1	
GRBA0410	No	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/08/80-07/08/80	0	1	
GRBA0412	No	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/11/80-07/11/80	0	1	
GRBA0415	No	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/04/80-07/04/80	0	1	
GRBA0417	No	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/08/80-07/08/80	0	1	
GRBA0418	No	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/08/80-07/08/80	0	1	
GRBA0419	No	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/04/80-07/04/80	0	1	
GRBA0420	No	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/04/80-07/04/80	0	1	
GRBA0422	No	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/11/80-07/11/80	0	1	
GRBA0423	No	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/04/80-07/04/80	0	1	
GRBA0425	No	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/08/80-07/08/80	0	1	
GRBA0426	No	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/04/80-07/04/80	0	1	
GRBA0428	No	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/08/80-07/08/80	0	1	
GRBA0375	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	07/06/80-07/06/80	0	1	
GRBA0381	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	07/06/80-07/06/80	0	1	
GRBA0382	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	07/06/80-07/06/80	0	1	
GRBA0392	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	07/12/80-07/12/80	0	1	
GRBA0411	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	07/11/80-07/11/80	0	1	
GRBA0413	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	07/08/80-07/08/80	0	1	
GRBA0001	No	01020	BORON, DISSOLVED (UG/L AS B)	07/08/80-07/08/80	0	1	
GRBA0004	No	01020	BORON, DISSOLVED (UG/L AS B)	07/08/80-07/08/80	0	1	
GRBA0008	No	01020	BORON, DISSOLVED (UG/L AS B)	07/09/80-07/09/80	0	1	
GRBA0012	No	01020	BORON, DISSOLVED (UG/L AS B)	07/15/80-07/15/80	0	1	
GRBA0032	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/19/92-08/19/92	0	1	

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Station/Parameter Period of Record Tabulation
From 08/23/66 To 10/28/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GRBA0037	No	01020	BORON, DISSOLVED (UG/L AS B)	07/09/80-07/09/80	0	1	
GRBA0057	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/30/92-08/30/92	0	1	
GRBA0088	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/27/92-08/27/92	0	1	
GRBA0097	No	01020	BORON, DISSOLVED (UG/L AS B)	07/07/80-07/07/80	0	1	
GRBA0099	Yes	01020	BORON, DISSOLVED (UG/L AS B)	07/20/80-07/20/80	0	1	
GRBA0101	Yes	01020	BORON, DISSOLVED (UG/L AS B)	07/20/80-07/20/80	0	1	
GRBA0115	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/27/92-08/27/92	0	1	
GRBA0121	No	01020	BORON, DISSOLVED (UG/L AS B)	07/09/80-07/09/80	0	1	
GRBA0123	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/21/92-08/21/92	0	1	
GRBA0132	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/26/92-08/26/92	0	1	
GRBA0134	Yes	01020	BORON, DISSOLVED (UG/L AS B)	07/19/80-07/19/80	0	1	
GRBA0147	No	01020	BORON, DISSOLVED (UG/L AS B)	07/07/80-07/07/80	0	1	
GRBA0151	Yes	01020	BORON, DISSOLVED (UG/L AS B)	07/19/80-07/19/80	0	1	
GRBA0154	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/18/92-08/18/92	0	1	
GRBA0157	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/18/92-08/18/92	0	1	
GRBA0172	No	01020	BORON, DISSOLVED (UG/L AS B)	04/15/88-04/15/88	0	1	
GRBA0174	No	01020	BORON, DISSOLVED (UG/L AS B)	07/13/80-07/13/80	0	1	
GRBA0177	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/29/92-08/29/92	0	1	
GRBA0193	Yes	01020	BORON, DISSOLVED (UG/L AS B)	06/15/92-06/15/92	0	1	
GRBA0199	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/29/92-08/29/92	0	1	
GRBA0219	No	01020	BORON, DISSOLVED (UG/L AS B)	07/06/80-07/06/80	0	1	
GRBA0223	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/23/92-08/23/92	0	1	
GRBA0237	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/23/92-08/23/92	0	1	
GRBA0245	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/23/92-08/23/92	0	1	
GRBA0252	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/20/92-08/20/92	0	2	
GRBA0287	No	01020	BORON, DISSOLVED (UG/L AS B)	07/12/80-07/12/80	0	1	
GRBA0298	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/25/92-08/25/92	0	1	
GRBA0307	No	01020	BORON, DISSOLVED (UG/L AS B)	07/12/80-07/12/80	0	1	
GRBA0337	No	01020	BORON, DISSOLVED (UG/L AS B)	07/10/80-07/10/80	0	1	
GRBA0338	Yes	01020	BORON, DISSOLVED (UG/L AS B)	07/10/80-07/10/80	0	1	
GRBA0344	No	01020	BORON, DISSOLVED (UG/L AS B)	07/10/80-07/10/80	0	1	
GRBA0349	No	01020	BORON, DISSOLVED (UG/L AS B)	07/10/80-07/10/80	0	1	
GRBA0353	No	01020	BORON, DISSOLVED (UG/L AS B)	07/06/80-07/06/80	0	1	
GRBA0358	No	01020	BORON, DISSOLVED (UG/L AS B)	07/12/80-07/12/80	0	1	
GRBA0361	No	01020	BORON, DISSOLVED (UG/L AS B)	07/12/80-07/12/80	0	1	
GRBA0362	No	01020	BORON, DISSOLVED (UG/L AS B)	07/12/80-07/12/80	0	1	
GRBA0363	No	01020	BORON, DISSOLVED (UG/L AS B)	07/06/80-07/06/80	0	1	
GRBA0364	No	01020	BORON, DISSOLVED (UG/L AS B)	07/10/80-07/10/80	0	1	
GRBA0365	Yes	01020	BORON, DISSOLVED (UG/L AS B)	07/10/80-07/10/80	0	1	
GRBA0366	Yes	01020	BORON, DISSOLVED (UG/L AS B)	07/10/80-07/10/80	0	1	
GRBA0368	Yes	01020	BORON, DISSOLVED (UG/L AS B)	07/10/80-07/10/80	0	1	
GRBA0370	No	01020	BORON, DISSOLVED (UG/L AS B)	07/12/80-07/12/80	0	1	
GRBA0372	No	01020	BORON, DISSOLVED (UG/L AS B)	07/10/80-07/10/80	0	1	
GRBA0374	No	01020	BORON, DISSOLVED (UG/L AS B)	07/06/80-07/06/80	0	1	
GRBA0376	No	01020	BORON, DISSOLVED (UG/L AS B)	07/10/80-07/10/80	0	1	
GRBA0378	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/28/92-08/28/92	0	1	
GRBA0380	No	01020	BORON, DISSOLVED (UG/L AS B)	07/10/80-07/10/80	0	1	
GRBA0383	No	01020	BORON, DISSOLVED (UG/L AS B)	07/10/80-07/10/80	0	1	
GRBA0384	No	01020	BORON, DISSOLVED (UG/L AS B)	07/12/80-07/12/80	0	1	
GRBA0385	No	01020	BORON, DISSOLVED (UG/L AS B)	07/10/80-07/10/80	0	1	
GRBA0386	No	01020	BORON, DISSOLVED (UG/L AS B)	07/10/80-07/10/80	0	1	
GRBA0389	No	01020	BORON, DISSOLVED (UG/L AS B)	07/10/80-07/10/80	0	1	
GRBA0391	No	01020	BORON, DISSOLVED (UG/L AS B)	07/12/80-07/12/80	0	1	
GRBA0394	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/22/92-08/22/92	0	1	
GRBA0396	No	01020	BORON, DISSOLVED (UG/L AS B)	07/10/80-07/10/80	0	1	
GRBA0397	No	01020	BORON, DISSOLVED (UG/L AS B)	07/10/80-07/10/80	0	1	
GRBA0398	No	01020	BORON, DISSOLVED (UG/L AS B)	07/12/80-07/12/80	0	1	
GRBA0399	No	01020	BORON, DISSOLVED (UG/L AS B)	07/10/80-07/10/80	0	1	
GRBA0400	No	01020	BORON, DISSOLVED (UG/L AS B)	07/09/80-07/09/80	0	1	
GRBA0401	No	01020	BORON, DISSOLVED (UG/L AS B)	07/11/80-07/11/80	0	1	
GRBA0402	No	01020	BORON, DISSOLVED (UG/L AS B)	07/09/80-07/09/80	0	1	
GRBA0403	No	01020	BORON, DISSOLVED (UG/L AS B)	07/09/80-07/09/80	0	1	
GRBA0404	No	01020	BORON, DISSOLVED (UG/L AS B)	07/11/80-07/11/80	0	1	
GRBA0405	No	01020	BORON, DISSOLVED (UG/L AS B)	07/09/80-07/09/80	0	1	
GRBA0406	No	01020	BORON, DISSOLVED (UG/L AS B)	07/10/80-07/10/80	0	1	
GRBA0407	No	01020	BORON, DISSOLVED (UG/L AS B)	07/11/80-07/11/80	0	1	
GRBA0409	No	01020	BORON, DISSOLVED (UG/L AS B)	07/11/80-07/11/80	0	1	
GRBA0410	No	01020	BORON, DISSOLVED (UG/L AS B)	07/08/80-07/08/80	0	1	
GRBA0412	No	01020	BORON, DISSOLVED (UG/L AS B)	07/11/80-07/11/80	0	1	
GRBA0415	No	01020	BORON, DISSOLVED (UG/L AS B)	07/04/80-07/04/80	0	1	
GRBA0417	No	01020	BORON, DISSOLVED (UG/L AS B)	07/08/80-07/08/80	0	1	
GRBA0418	No	01020	BORON, DISSOLVED (UG/L AS B)	07/08/80-07/08/80	0	1	

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

Station/Parameter Period of Record Tabulation
From 08/23/66 To 10/28/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GRBA0419	No	01020	BORON, DISSOLVED (UG/L AS B)	07/04/80-07/04/80	0	1	
GRBA0420	No	01020	BORON, DISSOLVED (UG/L AS B)	07/04/80-07/04/80	0	1	
GRBA0422	No	01020	BORON, DISSOLVED (UG/L AS B)	07/11/80-07/11/80	0	1	
GRBA0423	No	01020	BORON, DISSOLVED (UG/L AS B)	07/04/80-07/04/80	0	1	
GRBA0425	No	01020	BORON, DISSOLVED (UG/L AS B)	07/08/80-07/08/80	0	1	
GRBA0426	No	01020	BORON, DISSOLVED (UG/L AS B)	07/04/80-07/04/80	0	1	
GRBA0428	No	01020	BORON, DISSOLVED (UG/L AS B)	07/08/80-07/08/80	0	1	
GRBA0375	No	01022	BORON, TOTAL (UG/L AS B)	07/06/80-07/06/80	0	1	
GRBA0381	No	01022	BORON, TOTAL (UG/L AS B)	07/06/80-07/06/80	0	1	
GRBA0382	No	01022	BORON, TOTAL (UG/L AS B)	07/06/80-07/06/80	0	1	
GRBA0392	No	01022	BORON, TOTAL (UG/L AS B)	07/12/80-07/12/80	0	1	
GRBA0411	No	01022	BORON, TOTAL (UG/L AS B)	07/11/80-07/11/80	0	1	
GRBA0413	No	01022	BORON, TOTAL (UG/L AS B)	07/08/80-07/08/80	0	1	
GRBA0032	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/19/92-08/19/92	0	1	
GRBA0045	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	05/28/89-05/28/89	0	1	
GRBA0054	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	05/28/89-05/28/89	0	1	
GRBA0057	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/30/92-08/30/92	0	1	
GRBA0061	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	05/28/89-05/28/89	0	1	
GRBA0064	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	05/28/89-05/28/89	0	1	
GRBA0070	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	05/28/89-05/28/89	0	1	
GRBA0080	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	05/27/89-05/27/89	0	1	
GRBA0088	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/27/92-08/27/92	0	1	
GRBA0090	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	05/26/89-05/26/89	0	1	
GRBA0096	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	05/27/89-05/27/89	0	1	
GRBA0114	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	05/27/89-05/27/89	0	1	
GRBA0115	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/27/92-08/27/92	0	1	
GRBA0123	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/21/92-08/21/92	0	1	
GRBA0130	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	05/29/89-05/29/89	0	1	
GRBA0132	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/26/92-08/26/92	0	1	
GRBA0154	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/18/92-08/18/92	0	1	
GRBA0157	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/18/92-08/18/92	0	1	
GRBA0163	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	05/30/89-05/30/89	0	1	
GRBA0177	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/29/92-08/29/92	0	1	
GRBA0193	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	06/15/92-06/15/92	0	1	
GRBA0199	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/29/92-08/29/92	0	1	
GRBA0210	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	05/31/89-05/31/89	0	1	
GRBA0212	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	05/23/89-05/23/89	0	1	
GRBA0217	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	02/28/89-02/28/89	0	1	
GRBA0223	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/23/92-08/23/92	0	1	
GRBA0225	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	05/23/89-05/23/89	0	2	
GRBA0235	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	05/23/89-05/23/89	0	1	
GRBA0237	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/23/92-08/23/92	0	1	
GRBA0245	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/23/92-08/23/92	0	1	
GRBA0248	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	03/01/89-03/01/89	0	1	
GRBA0251	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	05/24/89-05/24/89	0	1	
GRBA0252	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/20/92-08/20/92	0	2	
GRBA0254	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	05/31/89-05/31/89	0	1	
GRBA0257	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	03/01/89-03/01/89	0	2	
GRBA0281	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	03/05/89-03/05/89	0	1	
GRBA0298	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/25/92-08/25/92	0	1	
GRBA0305	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	05/24/89-05/24/89	0	1	
GRBA0306	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	03/03/89-03/03/89	0	1	
GRBA0322	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/27/87-10/25/89	2	3	
GRBA0333	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	05/28/89-05/28/89	0	1	
GRBA0334	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	05/31/89-05/31/89	0	2	
GRBA0346	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	05/28/89-05/28/89	0	1	
GRBA0355	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	05/28/89-05/28/89	0	1	
GRBA0378	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/28/92-08/28/92	0	1	
GRBA0394	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/22/92-08/22/92	0	1	
GRBA0078	No	01027	CADMIUM, TOTAL (UG/L AS CD)	03/25/82-11/16/88	6	9	
GRBA0282	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	01/22/90-01/22/90	0	1	
GRBA0313	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	07/22/87-07/22/87	0	1	
GRBA0316	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	06/09/86-06/09/86	0	1	
GRBA0001	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/08/80-07/08/80	0	1	
GRBA0004	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/08/80-07/08/80	0	1	
GRBA0008	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/09/80-07/09/80	0	1	
GRBA0012	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/15/80-07/15/80	0	1	
GRBA0032	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/19/92-08/19/92	0	1	
GRBA0037	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/09/80-07/09/80	0	1	
GRBA0045	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/28/89-05/28/89	0	1	
GRBA0054	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/28/89-05/28/89	0	1	
GRBA0057	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/30/92-08/30/92	0	1	

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

Station/Parameter Period of Record Tabulation
From 08/23/66 To 10/28/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GRBA0061	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/28/89-05/28/89	0	1	
GRBA0064	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/28/89-05/28/89	0	1	
GRBA0070	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/28/89-05/28/89	0	1	
GRBA0080	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/27/89-05/27/89	0	1	
GRBA0088	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/27/92-08/27/92	0	1	
GRBA0090	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/26/89-05/26/89	0	1	
GRBA0096	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/27/89-05/27/89	0	1	
GRBA0097	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/07/80-07/07/80	0	1	
GRBA0099	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/20/80-07/20/80	0	1	
GRBA0101	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/20/80-07/20/80	0	1	
GRBA0114	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/27/89-05/27/89	0	1	
GRBA0115	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/27/92-08/27/92	0	1	
GRBA0121	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/09/80-07/09/80	0	1	
GRBA0123	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/21/92-08/21/92	0	1	
GRBA0130	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/29/89-05/29/89	0	1	
GRBA0132	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/26/92-08/26/92	0	1	
GRBA0134	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/19/80-07/19/80	0	1	
GRBA0147	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/07/80-07/07/80	0	1	
GRBA0151	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/19/80-07/19/80	0	1	
GRBA0154	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/18/92-08/18/92	0	1	
GRBA0157	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/18/92-08/18/92	0	1	
GRBA0163	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/30/89-05/30/89	0	1	
GRBA0174	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/13/80-07/13/80	0	1	
GRBA0177	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/29/92-08/29/92	0	1	
GRBA0193	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	06/15/92-06/15/92	0	1	
GRBA0199	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/29/92-08/29/92	0	1	
GRBA0210	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/31/89-05/31/89	0	1	
GRBA0212	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/23/89-05/23/89	0	1	
GRBA0217	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	02/28/89-02/28/89	0	1	
GRBA0219	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/06/80-07/06/80	0	1	
GRBA0223	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/23/92-08/23/92	0	1	
GRBA0225	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/23/89-05/23/89	0	2	
GRBA0235	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/23/89-05/23/89	0	1	
GRBA0237	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/23/92-08/23/92	0	1	
GRBA0245	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/23/92-08/23/92	0	1	
GRBA0248	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	03/01/89-03/01/89	0	1	
GRBA0251	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/24/89-05/24/89	0	1	
GRBA0252	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/20/92-08/20/92	0	2	
GRBA0254	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/31/89-05/31/89	0	1	
GRBA0257	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	03/01/89-03/01/89	0	2	
GRBA0281	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	03/05/89-03/05/89	0	1	
GRBA0287	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/12/80-07/12/80	0	1	
GRBA0298	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/25/92-08/25/92	0	1	
GRBA0305	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/24/89-05/24/89	0	1	
GRBA0306	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	03/03/89-03/03/89	0	1	
GRBA0307	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/12/80-07/12/80	0	1	
GRBA0322	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/27/87-10/25/89	2	3	
GRBA0333	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/28/89-05/28/89	0	1	
GRBA0334	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/31/89-05/31/89	0	2	
GRBA0337	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/10/80-07/10/80	0	1	
GRBA0338	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/10/80-07/10/80	0	1	
GRBA0344	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/10/80-07/10/80	0	1	
GRBA0346	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/28/89-05/28/89	0	1	
GRBA0349	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/10/80-07/10/80	0	1	
GRBA0353	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/06/80-07/06/80	0	1	
GRBA0355	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/28/89-05/28/89	0	1	
GRBA0358	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/12/80-07/12/80	0	1	
GRBA0361	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/12/80-07/12/80	0	1	
GRBA0362	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/12/80-07/12/80	0	1	
GRBA0363	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/06/80-07/06/80	0	1	
GRBA0364	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/10/80-07/10/80	0	1	
GRBA0365	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/10/80-07/10/80	0	1	
GRBA0366	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/10/80-07/10/80	0	1	
GRBA0368	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/10/80-07/10/80	0	1	
GRBA0370	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/12/80-07/12/80	0	1	
GRBA0372	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/10/80-07/10/80	0	1	
GRBA0374	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/06/80-07/06/80	0	1	
GRBA0376	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/10/80-07/10/80	0	1	
GRBA0378	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/28/92-08/28/92	0	1	
GRBA0380	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/10/80-07/10/80	0	1	
GRBA0383	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/10/80-07/10/80	0	1	
GRBA0384	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/12/80-07/12/80	0	1	

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

Station/Parameter Period of Record Tabulation
From 08/23/66 To 10/28/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GRBA0385	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/10/80-07/10/80	0	1	
GRBA0386	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/10/80-07/10/80	0	1	
GRBA0389	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/10/80-07/10/80	0	1	
GRBA0391	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/12/80-07/12/80	0	1	
GRBA0394	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/22/92-08/22/92	0	1	
GRBA0396	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/10/80-07/10/80	0	1	
GRBA0397	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/10/80-07/10/80	0	1	
GRBA0398	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/12/80-07/12/80	0	1	
GRBA0399	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/10/80-07/10/80	0	1	
GRBA0400	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/09/80-07/09/80	0	1	
GRBA0401	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/11/80-07/11/80	0	1	
GRBA0402	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/09/80-07/09/80	0	1	
GRBA0403	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/09/80-07/09/80	0	1	
GRBA0404	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/11/80-07/11/80	0	1	
GRBA0405	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/09/80-07/09/80	0	1	
GRBA0406	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/10/80-07/10/80	0	1	
GRBA0407	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/11/80-07/11/80	0	1	
GRBA0409	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/11/80-07/11/80	0	1	
GRBA0410	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/08/80-07/08/80	0	1	
GRBA0412	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/11/80-07/11/80	0	1	
GRBA0415	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/04/80-07/04/80	0	1	
GRBA0417	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/08/80-07/08/80	0	1	
GRBA0418	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/08/80-07/08/80	0	1	
GRBA0419	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/04/80-07/04/80	0	1	
GRBA0420	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/04/80-07/04/80	0	1	
GRBA0422	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/11/80-07/11/80	0	1	
GRBA0423	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/04/80-07/04/80	0	1	
GRBA0425	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/08/80-07/08/80	0	1	
GRBA0426	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/04/80-07/04/80	0	1	
GRBA0428	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/08/80-07/08/80	0	1	
GRBA0078	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	03/25/82-11/16/88	6	9	
GRBA0282	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	01/22/90-01/22/90	0	1	
GRBA0313	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	07/22/87-07/22/87	0	1	
GRBA0316	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	06/09/86-06/09/86	0	1	
GRBA0375	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	07/06/80-07/06/80	0	1	
GRBA0381	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	07/06/80-07/06/80	0	1	
GRBA0382	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	07/06/80-07/06/80	0	1	
GRBA0392	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	07/12/80-07/12/80	0	1	
GRBA0411	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	07/11/80-07/11/80	0	1	
GRBA0413	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	07/08/80-07/08/80	0	1	
GRBA0001	No	01035	COBALT, DISSOLVED (UG/L AS CO)	07/08/80-07/08/80	0	1	
GRBA0004	No	01035	COBALT, DISSOLVED (UG/L AS CO)	07/08/80-07/08/80	0	1	
GRBA0008	No	01035	COBALT, DISSOLVED (UG/L AS CO)	07/09/80-07/09/80	0	1	
GRBA0012	No	01035	COBALT, DISSOLVED (UG/L AS CO)	07/15/80-07/15/80	0	1	
GRBA0037	No	01035	COBALT, DISSOLVED (UG/L AS CO)	07/09/80-07/09/80	0	1	
GRBA0045	Yes	01035	COBALT, DISSOLVED (UG/L AS CO)	05/28/89-05/28/89	0	1	
GRBA0054	Yes	01035	COBALT, DISSOLVED (UG/L AS CO)	05/28/89-05/28/89	0	1	
GRBA0061	Yes	01035	COBALT, DISSOLVED (UG/L AS CO)	05/28/89-05/28/89	0	1	
GRBA0064	Yes	01035	COBALT, DISSOLVED (UG/L AS CO)	05/28/89-05/28/89	0	1	
GRBA0070	Yes	01035	COBALT, DISSOLVED (UG/L AS CO)	05/28/89-05/28/89	0	1	
GRBA0080	Yes	01035	COBALT, DISSOLVED (UG/L AS CO)	05/27/89-05/27/89	0	1	
GRBA0090	Yes	01035	COBALT, DISSOLVED (UG/L AS CO)	05/26/89-05/26/89	0	1	
GRBA0096	Yes	01035	COBALT, DISSOLVED (UG/L AS CO)	05/27/89-05/27/89	0	1	
GRBA0097	No	01035	COBALT, DISSOLVED (UG/L AS CO)	07/07/80-07/07/80	0	1	
GRBA0099	Yes	01035	COBALT, DISSOLVED (UG/L AS CO)	07/20/80-07/20/80	0	1	
GRBA0101	Yes	01035	COBALT, DISSOLVED (UG/L AS CO)	07/20/80-07/20/80	0	1	
GRBA0114	Yes	01035	COBALT, DISSOLVED (UG/L AS CO)	05/27/89-05/27/89	0	1	
GRBA0121	No	01035	COBALT, DISSOLVED (UG/L AS CO)	07/09/80-07/09/80	0	1	
GRBA0130	Yes	01035	COBALT, DISSOLVED (UG/L AS CO)	05/29/89-05/29/89	0	1	
GRBA0134	Yes	01035	COBALT, DISSOLVED (UG/L AS CO)	07/19/80-07/19/80	0	1	
GRBA0147	No	01035	COBALT, DISSOLVED (UG/L AS CO)	07/07/80-07/07/80	0	1	
GRBA0151	Yes	01035	COBALT, DISSOLVED (UG/L AS CO)	07/19/80-07/19/80	0	1	
GRBA0163	Yes	01035	COBALT, DISSOLVED (UG/L AS CO)	05/30/89-05/30/89	0	1	
GRBA0174	No	01035	COBALT, DISSOLVED (UG/L AS CO)	07/13/80-07/13/80	0	1	
GRBA0210	No	01035	COBALT, DISSOLVED (UG/L AS CO)	05/31/89-05/31/89	0	1	
GRBA0212	Yes	01035	COBALT, DISSOLVED (UG/L AS CO)	05/23/89-05/23/89	0	1	
GRBA0217	Yes	01035	COBALT, DISSOLVED (UG/L AS CO)	02/28/89-02/28/89	0	1	
GRBA0219	No	01035	COBALT, DISSOLVED (UG/L AS CO)	07/06/80-07/06/80	0	1	
GRBA0225	Yes	01035	COBALT, DISSOLVED (UG/L AS CO)	05/23/89-05/23/89	0	2	
GRBA0235	Yes	01035	COBALT, DISSOLVED (UG/L AS CO)	05/23/89-05/23/89	0	1	
GRBA0248	Yes	01035	COBALT, DISSOLVED (UG/L AS CO)	03/01/89-03/01/89	0	1	
GRBA0251	Yes	01035	COBALT, DISSOLVED (UG/L AS CO)	05/24/89-05/24/89	0	1	

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

Station/Parameter Period of Record Tabulation
From 08/23/66 To 10/28/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GRBA0254	Yes	01035	COBALT, DISSOLVED (UG/L AS CO)	05/31/89-05/31/89	0	1	
GRBA0257	Yes	01035	COBALT, DISSOLVED (UG/L AS CO)	03/01/89-03/01/89	0	2	
GRBA0281	Yes	01035	COBALT, DISSOLVED (UG/L AS CO)	03/05/89-03/05/89	0	1	
GRBA0287	No	01035	COBALT, DISSOLVED (UG/L AS CO)	07/12/80-07/12/80	0	1	
GRBA0305	Yes	01035	COBALT, DISSOLVED (UG/L AS CO)	05/24/89-05/24/89	0	1	
GRBA0306	Yes	01035	COBALT, DISSOLVED (UG/L AS CO)	03/03/89-03/03/89	0	1	
GRBA0307	No	01035	COBALT, DISSOLVED (UG/L AS CO)	07/12/80-07/12/80	0	1	
GRBA0322	Yes	01035	COBALT, DISSOLVED (UG/L AS CO)	08/27/87-10/25/89	2	3	
GRBA0333	Yes	01035	COBALT, DISSOLVED (UG/L AS CO)	05/28/89-05/28/89	0	1	
GRBA0334	Yes	01035	COBALT, DISSOLVED (UG/L AS CO)	05/31/89-05/31/89	0	2	
GRBA0337	No	01035	COBALT, DISSOLVED (UG/L AS CO)	07/10/80-07/10/80	0	1	
GRBA0338	Yes	01035	COBALT, DISSOLVED (UG/L AS CO)	07/10/80-07/10/80	0	1	
GRBA0344	No	01035	COBALT, DISSOLVED (UG/L AS CO)	07/10/80-07/10/80	0	1	
GRBA0346	Yes	01035	COBALT, DISSOLVED (UG/L AS CO)	05/28/89-05/28/89	0	1	
GRBA0349	No	01035	COBALT, DISSOLVED (UG/L AS CO)	07/10/80-07/10/80	0	1	
GRBA0353	No	01035	COBALT, DISSOLVED (UG/L AS CO)	07/06/80-07/06/80	0	1	
GRBA0355	Yes	01035	COBALT, DISSOLVED (UG/L AS CO)	05/28/89-05/28/89	0	1	
GRBA0358	No	01035	COBALT, DISSOLVED (UG/L AS CO)	07/12/80-07/12/80	0	1	
GRBA0361	No	01035	COBALT, DISSOLVED (UG/L AS CO)	07/12/80-07/12/80	0	1	
GRBA0362	No	01035	COBALT, DISSOLVED (UG/L AS CO)	07/12/80-07/12/80	0	1	
GRBA0363	No	01035	COBALT, DISSOLVED (UG/L AS CO)	07/06/80-07/06/80	0	1	
GRBA0364	No	01035	COBALT, DISSOLVED (UG/L AS CO)	07/10/80-07/10/80	0	1	
GRBA0365	Yes	01035	COBALT, DISSOLVED (UG/L AS CO)	07/10/80-07/10/80	0	1	
GRBA0366	Yes	01035	COBALT, DISSOLVED (UG/L AS CO)	07/10/80-07/10/80	0	1	
GRBA0368	Yes	01035	COBALT, DISSOLVED (UG/L AS CO)	07/10/80-07/10/80	0	1	
GRBA0370	No	01035	COBALT, DISSOLVED (UG/L AS CO)	07/12/80-07/12/80	0	1	
GRBA0372	No	01035	COBALT, DISSOLVED (UG/L AS CO)	07/10/80-07/10/80	0	1	
GRBA0374	No	01035	COBALT, DISSOLVED (UG/L AS CO)	07/06/80-07/06/80	0	1	
GRBA0376	No	01035	COBALT, DISSOLVED (UG/L AS CO)	07/10/80-07/10/80	0	1	
GRBA0380	No	01035	COBALT, DISSOLVED (UG/L AS CO)	07/10/80-07/10/80	0	1	
GRBA0383	No	01035	COBALT, DISSOLVED (UG/L AS CO)	07/10/80-07/10/80	0	1	
GRBA0384	No	01035	COBALT, DISSOLVED (UG/L AS CO)	07/12/80-07/12/80	0	1	
GRBA0385	No	01035	COBALT, DISSOLVED (UG/L AS CO)	07/10/80-07/10/80	0	1	
GRBA0386	No	01035	COBALT, DISSOLVED (UG/L AS CO)	07/10/80-07/10/80	0	1	
GRBA0389	No	01035	COBALT, DISSOLVED (UG/L AS CO)	07/10/80-07/10/80	0	1	
GRBA0391	No	01035	COBALT, DISSOLVED (UG/L AS CO)	07/12/80-07/12/80	0	1	
GRBA0396	No	01035	COBALT, DISSOLVED (UG/L AS CO)	07/10/80-07/10/80	0	1	
GRBA0397	No	01035	COBALT, DISSOLVED (UG/L AS CO)	07/10/80-07/10/80	0	1	
GRBA0398	No	01035	COBALT, DISSOLVED (UG/L AS CO)	07/12/80-07/12/80	0	1	
GRBA0399	No	01035	COBALT, DISSOLVED (UG/L AS CO)	07/10/80-07/10/80	0	1	
GRBA0400	No	01035	COBALT, DISSOLVED (UG/L AS CO)	07/09/80-07/09/80	0	1	
GRBA0401	No	01035	COBALT, DISSOLVED (UG/L AS CO)	07/11/80-07/11/80	0	1	
GRBA0402	No	01035	COBALT, DISSOLVED (UG/L AS CO)	07/09/80-07/09/80	0	1	
GRBA0403	No	01035	COBALT, DISSOLVED (UG/L AS CO)	07/09/80-07/09/80	0	1	
GRBA0404	No	01035	COBALT, DISSOLVED (UG/L AS CO)	07/11/80-07/11/80	0	1	
GRBA0405	No	01035	COBALT, DISSOLVED (UG/L AS CO)	07/09/80-07/09/80	0	1	
GRBA0406	No	01035	COBALT, DISSOLVED (UG/L AS CO)	07/10/80-07/10/80	0	1	
GRBA0407	No	01035	COBALT, DISSOLVED (UG/L AS CO)	07/11/80-07/11/80	0	1	
GRBA0409	No	01035	COBALT, DISSOLVED (UG/L AS CO)	07/11/80-07/11/80	0	1	
GRBA0410	No	01035	COBALT, DISSOLVED (UG/L AS CO)	07/08/80-07/08/80	0	1	
GRBA0412	No	01035	COBALT, DISSOLVED (UG/L AS CO)	07/11/80-07/11/80	0	1	
GRBA0415	No	01035	COBALT, DISSOLVED (UG/L AS CO)	07/04/80-07/04/80	0	1	
GRBA0417	No	01035	COBALT, DISSOLVED (UG/L AS CO)	07/08/80-07/08/80	0	1	
GRBA0418	No	01035	COBALT, DISSOLVED (UG/L AS CO)	07/08/80-07/08/80	0	1	
GRBA0419	No	01035	COBALT, DISSOLVED (UG/L AS CO)	07/04/80-07/04/80	0	1	
GRBA0420	No	01035	COBALT, DISSOLVED (UG/L AS CO)	07/04/80-07/04/80	0	1	
GRBA0422	No	01035	COBALT, DISSOLVED (UG/L AS CO)	07/11/80-07/11/80	0	1	
GRBA0423	No	01035	COBALT, DISSOLVED (UG/L AS CO)	07/04/80-07/04/80	0	1	
GRBA0425	No	01035	COBALT, DISSOLVED (UG/L AS CO)	07/08/80-07/08/80	0	1	
GRBA0426	No	01035	COBALT, DISSOLVED (UG/L AS CO)	07/04/80-07/04/80	0	1	
GRBA0428	No	01035	COBALT, DISSOLVED (UG/L AS CO)	07/08/80-07/08/80	0	1	
GRBA0375	No	01037	COBALT, TOTAL (UG/L AS CO)	07/06/80-07/06/80	0	1	
GRBA0381	No	01037	COBALT, TOTAL (UG/L AS CO)	07/06/80-07/06/80	0	1	
GRBA0382	No	01037	COBALT, TOTAL (UG/L AS CO)	07/06/80-07/06/80	0	1	
GRBA0392	No	01037	COBALT, TOTAL (UG/L AS CO)	07/12/80-07/12/80	0	1	
GRBA0411	No	01037	COBALT, TOTAL (UG/L AS CO)	07/11/80-07/11/80	0	1	
GRBA0413	No	01037	COBALT, TOTAL (UG/L AS CO)	07/08/80-07/08/80	0	1	
GRBA0001	No	01040	COPPER, DISSOLVED (UG/L AS CU)	07/08/80-07/08/80	0	1	
GRBA0004	No	01040	COPPER, DISSOLVED (UG/L AS CU)	07/08/80-07/08/80	0	1	
GRBA0008	No	01040	COPPER, DISSOLVED (UG/L AS CU)	07/09/80-07/09/80	0	1	
GRBA0012	No	01040	COPPER, DISSOLVED (UG/L AS CU)	07/15/80-07/15/80	0	1	
GRBA0032	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	08/19/92-08/19/92	0	1	

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

Station/Parameter Period of Record Tabulation
From 08/23/66 To 10/28/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GRBA0037	No	01040	COPPER, DISSOLVED (UG/L AS CU)	07/09/80-07/09/80	0	1	
GRBA0045	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	05/28/89-05/28/89	0	1	
GRBA0054	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	05/28/89-05/28/89	0	1	
GRBA0057	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	08/30/92-08/30/92	0	1	
GRBA0061	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	05/28/89-05/28/89	0	1	
GRBA0064	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	05/28/89-05/28/89	0	1	
GRBA0070	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	05/28/89-05/28/89	0	1	
GRBA0080	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	05/27/89-05/27/89	0	1	
GRBA0088	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	08/27/92-08/27/92	0	1	
GRBA0090	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	05/26/89-05/26/89	0	1	
GRBA0096	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	05/27/89-05/27/89	0	1	
GRBA0097	No	01040	COPPER, DISSOLVED (UG/L AS CU)	07/07/80-07/07/80	0	1	
GRBA0099	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	07/20/80-07/20/80	0	1	
GRBA0101	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	07/20/80-07/20/80	0	1	
GRBA0114	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	05/27/89-05/27/89	0	1	
GRBA0115	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	08/27/92-08/27/92	0	1	
GRBA0121	No	01040	COPPER, DISSOLVED (UG/L AS CU)	07/09/80-07/09/80	0	1	
GRBA0123	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	08/21/92-08/21/92	0	1	
GRBA0130	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	05/29/89-05/29/89	0	1	
GRBA0132	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	08/26/92-08/26/92	0	1	
GRBA0134	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	07/19/80-07/19/80	0	1	
GRBA0147	No	01040	COPPER, DISSOLVED (UG/L AS CU)	07/07/80-07/07/80	0	1	
GRBA0151	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	07/19/80-07/19/80	0	1	
GRBA0154	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	08/18/92-08/18/92	0	1	
GRBA0157	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	08/18/92-08/18/92	0	1	
GRBA0163	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	05/30/89-05/30/89	0	1	
GRBA0172	No	01040	COPPER, DISSOLVED (UG/L AS CU)	04/15/88-04/15/88	0	1	
GRBA0174	No	01040	COPPER, DISSOLVED (UG/L AS CU)	07/13/80-07/13/80	0	1	
GRBA0177	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	08/29/92-08/29/92	0	1	
GRBA0193	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	06/15/92-06/15/92	0	1	
GRBA0199	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	08/29/92-08/29/92	0	1	
GRBA0210	No	01040	COPPER, DISSOLVED (UG/L AS CU)	05/31/89-05/31/89	0	1	
GRBA0212	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	05/23/89-05/23/89	0	1	
GRBA0217	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	02/28/89-02/28/89	0	1	
GRBA0219	No	01040	COPPER, DISSOLVED (UG/L AS CU)	07/06/80-07/06/80	0	1	
GRBA0223	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	08/23/92-08/23/92	0	1	
GRBA0225	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	05/23/89-05/23/89	0	2	
GRBA0235	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	05/23/89-05/23/89	0	1	
GRBA0237	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	08/23/92-08/23/92	0	1	
GRBA0245	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	08/23/92-08/23/92	0	1	
GRBA0248	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	03/01/89-03/01/89	0	1	
GRBA0251	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	05/24/89-05/24/89	0	1	
GRBA0252	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	08/20/92-08/20/92	0	2	
GRBA0254	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	05/31/89-05/31/89	0	1	
GRBA0257	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	03/01/89-03/01/89	0	2	
GRBA0281	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	03/05/89-03/05/89	0	1	
GRBA0287	No	01040	COPPER, DISSOLVED (UG/L AS CU)	07/12/80-07/12/80	0	1	
GRBA0298	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	08/25/92-08/25/92	0	1	
GRBA0305	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	05/24/89-05/24/89	0	1	
GRBA0306	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	03/03/89-03/03/89	0	1	
GRBA0307	No	01040	COPPER, DISSOLVED (UG/L AS CU)	07/12/80-07/12/80	0	1	
GRBA0322	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	08/27/87-10/25/89	2	3	
GRBA0333	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	05/28/89-05/28/89	0	1	
GRBA0334	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	05/31/89-05/31/89	0	2	
GRBA0337	No	01040	COPPER, DISSOLVED (UG/L AS CU)	07/10/80-07/10/80	0	1	
GRBA0338	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	07/10/80-07/10/80	0	1	
GRBA0344	No	01040	COPPER, DISSOLVED (UG/L AS CU)	07/10/80-07/10/80	0	1	
GRBA0346	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	05/28/89-05/28/89	0	1	
GRBA0349	No	01040	COPPER, DISSOLVED (UG/L AS CU)	07/10/80-07/10/80	0	1	
GRBA0353	No	01040	COPPER, DISSOLVED (UG/L AS CU)	07/06/80-07/06/80	0	1	
GRBA0355	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	05/28/89-05/28/89	0	1	
GRBA0358	No	01040	COPPER, DISSOLVED (UG/L AS CU)	07/12/80-07/12/80	0	1	
GRBA0361	No	01040	COPPER, DISSOLVED (UG/L AS CU)	07/12/80-07/12/80	0	1	
GRBA0362	No	01040	COPPER, DISSOLVED (UG/L AS CU)	07/12/80-07/12/80	0	1	
GRBA0363	No	01040	COPPER, DISSOLVED (UG/L AS CU)	07/06/80-07/06/80	0	1	
GRBA0364	No	01040	COPPER, DISSOLVED (UG/L AS CU)	07/10/80-07/10/80	0	1	
GRBA0365	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	07/10/80-07/10/80	0	1	
GRBA0366	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	07/10/80-07/10/80	0	1	
GRBA0368	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	07/10/80-07/10/80	0	1	
GRBA0370	No	01040	COPPER, DISSOLVED (UG/L AS CU)	07/12/80-07/12/80	0	1	
GRBA0372	No	01040	COPPER, DISSOLVED (UG/L AS CU)	07/10/80-07/10/80	0	1	
GRBA0374	No	01040	COPPER, DISSOLVED (UG/L AS CU)	07/06/80-07/06/80	0	1	

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

Station/Parameter Period of Record Tabulation
From 08/23/66 To 10/28/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GRBA0376	No	01040	COPPER, DISSOLVED (UG/L AS CU)	07/10/80-07/10/80	0	1	
GRBA0378	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	08/28/92-08/28/92	0	1	
GRBA0380	No	01040	COPPER, DISSOLVED (UG/L AS CU)	07/10/80-07/10/80	0	1	
GRBA0383	No	01040	COPPER, DISSOLVED (UG/L AS CU)	07/10/80-07/10/80	0	1	
GRBA0384	No	01040	COPPER, DISSOLVED (UG/L AS CU)	07/12/80-07/12/80	0	1	
GRBA0385	No	01040	COPPER, DISSOLVED (UG/L AS CU)	07/10/80-07/10/80	0	1	
GRBA0386	No	01040	COPPER, DISSOLVED (UG/L AS CU)	07/10/80-07/10/80	0	1	
GRBA0389	No	01040	COPPER, DISSOLVED (UG/L AS CU)	07/10/80-07/10/80	0	1	
GRBA0391	No	01040	COPPER, DISSOLVED (UG/L AS CU)	07/12/80-07/12/80	0	1	
GRBA0394	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	08/22/92-08/22/92	0	1	
GRBA0396	No	01040	COPPER, DISSOLVED (UG/L AS CU)	07/10/80-07/10/80	0	1	
GRBA0397	No	01040	COPPER, DISSOLVED (UG/L AS CU)	07/10/80-07/10/80	0	1	
GRBA0398	No	01040	COPPER, DISSOLVED (UG/L AS CU)	07/12/80-07/12/80	0	1	
GRBA0399	No	01040	COPPER, DISSOLVED (UG/L AS CU)	07/10/80-07/10/80	0	1	
GRBA0400	No	01040	COPPER, DISSOLVED (UG/L AS CU)	07/09/80-07/09/80	0	1	
GRBA0401	No	01040	COPPER, DISSOLVED (UG/L AS CU)	07/11/80-07/11/80	0	1	
GRBA0402	No	01040	COPPER, DISSOLVED (UG/L AS CU)	07/09/80-07/09/80	0	1	
GRBA0403	No	01040	COPPER, DISSOLVED (UG/L AS CU)	07/09/80-07/09/80	0	1	
GRBA0404	No	01040	COPPER, DISSOLVED (UG/L AS CU)	07/11/80-07/11/80	0	1	
GRBA0405	No	01040	COPPER, DISSOLVED (UG/L AS CU)	07/09/80-07/09/80	0	1	
GRBA0406	No	01040	COPPER, DISSOLVED (UG/L AS CU)	07/10/80-07/10/80	0	1	
GRBA0407	No	01040	COPPER, DISSOLVED (UG/L AS CU)	07/11/80-07/11/80	0	1	
GRBA0409	No	01040	COPPER, DISSOLVED (UG/L AS CU)	07/11/80-07/11/80	0	1	
GRBA0410	No	01040	COPPER, DISSOLVED (UG/L AS CU)	07/08/80-07/08/80	0	1	
GRBA0412	No	01040	COPPER, DISSOLVED (UG/L AS CU)	07/11/80-07/11/80	0	1	
GRBA0415	No	01040	COPPER, DISSOLVED (UG/L AS CU)	07/04/80-07/04/80	0	1	
GRBA0417	No	01040	COPPER, DISSOLVED (UG/L AS CU)	07/08/80-07/08/80	0	1	
GRBA0418	No	01040	COPPER, DISSOLVED (UG/L AS CU)	07/08/80-07/08/80	0	1	
GRBA0419	No	01040	COPPER, DISSOLVED (UG/L AS CU)	07/04/80-07/04/80	0	1	
GRBA0420	No	01040	COPPER, DISSOLVED (UG/L AS CU)	07/04/80-07/04/80	0	1	
GRBA0422	No	01040	COPPER, DISSOLVED (UG/L AS CU)	07/11/80-07/11/80	0	1	
GRBA0423	No	01040	COPPER, DISSOLVED (UG/L AS CU)	07/04/80-07/04/80	0	1	
GRBA0425	No	01040	COPPER, DISSOLVED (UG/L AS CU)	07/08/80-07/08/80	0	1	
GRBA0426	No	01040	COPPER, DISSOLVED (UG/L AS CU)	07/04/80-07/04/80	0	1	
GRBA0428	No	01040	COPPER, DISSOLVED (UG/L AS CU)	07/08/80-07/08/80	0	1	
GRBA0078	No	01042	COPPER, TOTAL (UG/L AS CU)	03/25/82-11/16/88	6	9	
GRBA0167	Yes	01042	COPPER, TOTAL (UG/L AS CU)	07/22/88-07/22/88	0	1	
GRBA0168	Yes	01042	COPPER, TOTAL (UG/L AS CU)	06/30/89-06/30/89	0	1	
GRBA0170	No	01042	COPPER, TOTAL (UG/L AS CU)	07/08/81-07/08/81	0	1	
GRBA0282	Yes	01042	COPPER, TOTAL (UG/L AS CU)	01/22/90-01/22/90	0	1	
GRBA0291	Yes	01042	COPPER, TOTAL (UG/L AS CU)	07/22/88-07/22/88	0	1	
GRBA0292	Yes	01042	COPPER, TOTAL (UG/L AS CU)	06/30/89-06/30/89	0	1	
GRBA0313	Yes	01042	COPPER, TOTAL (UG/L AS CU)	07/22/87-07/22/87	0	1	
GRBA0314	Yes	01042	COPPER, TOTAL (UG/L AS CU)	06/30/89-06/30/89	0	1	
GRBA0316	Yes	01042	COPPER, TOTAL (UG/L AS CU)	06/09/86-06/09/86	0	1	
GRBA0323	Yes	01042	COPPER, TOTAL (UG/L AS CU)	07/22/88-07/22/88	0	1	
GRBA0324	Yes	01042	COPPER, TOTAL (UG/L AS CU)	06/30/89-06/30/89	0	1	
GRBA0375	No	01042	COPPER, TOTAL (UG/L AS CU)	07/06/80-07/06/80	0	1	
GRBA0381	No	01042	COPPER, TOTAL (UG/L AS CU)	07/06/80-07/06/80	0	1	
GRBA0382	No	01042	COPPER, TOTAL (UG/L AS CU)	07/06/80-07/06/80	0	1	
GRBA0392	No	01042	COPPER, TOTAL (UG/L AS CU)	07/12/80-07/12/80	0	1	
GRBA0411	No	01042	COPPER, TOTAL (UG/L AS CU)	07/11/80-07/11/80	0	1	
GRBA0413	No	01042	COPPER, TOTAL (UG/L AS CU)	07/08/80-07/08/80	0	1	
GRBA0167	Yes	01045	IRON, TOTAL (UG/L AS FE)	07/22/88-07/22/88	0	1	
GRBA0168	Yes	01045	IRON, TOTAL (UG/L AS FE)	06/30/89-06/30/89	0	1	
GRBA0170	No	01045	IRON, TOTAL (UG/L AS FE)	07/08/81-07/08/81	0	1	
GRBA0282	Yes	01045	IRON, TOTAL (UG/L AS FE)	01/22/90-01/22/90	0	1	
GRBA0291	Yes	01045	IRON, TOTAL (UG/L AS FE)	07/22/88-07/22/88	0	1	
GRBA0292	Yes	01045	IRON, TOTAL (UG/L AS FE)	06/30/89-06/30/89	0	1	
GRBA0313	Yes	01045	IRON, TOTAL (UG/L AS FE)	07/22/87-07/22/87	0	1	
GRBA0314	Yes	01045	IRON, TOTAL (UG/L AS FE)	06/30/89-06/30/89	0	1	
GRBA0316	Yes	01045	IRON, TOTAL (UG/L AS FE)	06/09/86-06/09/86	0	1	
GRBA0323	Yes	01045	IRON, TOTAL (UG/L AS FE)	07/22/88-07/22/88	0	1	
GRBA0324	Yes	01045	IRON, TOTAL (UG/L AS FE)	06/30/89-06/30/89	0	1	
GRBA0375	No	01045	IRON, TOTAL (UG/L AS FE)	07/06/80-07/06/80	0	1	
GRBA0381	No	01045	IRON, TOTAL (UG/L AS FE)	07/06/80-07/06/80	0	1	
GRBA0382	No	01045	IRON, TOTAL (UG/L AS FE)	07/06/80-07/06/80	0	1	
GRBA0392	No	01045	IRON, TOTAL (UG/L AS FE)	07/12/80-07/12/80	0	1	
GRBA0411	No	01045	IRON, TOTAL (UG/L AS FE)	07/11/80-07/11/80	0	1	
GRBA0413	No	01045	IRON, TOTAL (UG/L AS FE)	07/08/80-07/08/80	0	1	
GRBA0001	No	01046	IRON, DISSOLVED (UG/L AS FE)	07/08/80-07/08/80	0	1	
GRBA0004	No	01046	IRON, DISSOLVED (UG/L AS FE)	07/08/80-07/08/80	0	1	

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

Station/Parameter Period of Record Tabulation
From 08/23/66 To 10/28/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GRBA0008	No	01046	IRON, DISSOLVED (UG/L AS FE)	07/09/80-07/09/80	0	1	
GRBA0012	No	01046	IRON, DISSOLVED (UG/L AS FE)	07/15/80-07/15/80	0	1	
GRBA0032	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/19/92-08/19/92	0	1	
GRBA0037	No	01046	IRON, DISSOLVED (UG/L AS FE)	07/09/80-07/09/80	0	1	
GRBA0045	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	05/28/89-05/28/89	0	1	
GRBA0054	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	05/28/89-05/28/89	0	1	
GRBA0057	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/30/92-08/30/92	0	1	
GRBA0061	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	05/28/89-05/28/89	0	1	
GRBA0064	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	05/28/89-05/28/89	0	1	
GRBA0070	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	05/28/89-05/28/89	0	1	
GRBA0080	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	05/27/89-05/27/89	0	1	
GRBA0088	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/27/92-08/27/92	0	1	
GRBA0090	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	05/26/89-05/26/89	0	1	
GRBA0096	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	05/27/89-05/27/89	0	1	
GRBA0097	No	01046	IRON, DISSOLVED (UG/L AS FE)	07/07/80-07/07/80	0	1	
GRBA0099	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	07/20/80-07/20/80	0	1	
GRBA0101	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	07/20/80-07/20/80	0	1	
GRBA0114	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	05/27/89-05/27/89	0	1	
GRBA0115	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/27/92-08/27/92	0	1	
GRBA0121	No	01046	IRON, DISSOLVED (UG/L AS FE)	07/09/80-07/09/80	0	1	
GRBA0123	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/21/92-08/21/92	0	1	
GRBA0130	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	05/29/89-05/29/89	0	1	
GRBA0132	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/26/92-08/26/92	0	1	
GRBA0134	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	07/19/80-07/19/80	0	1	
GRBA0147	No	01046	IRON, DISSOLVED (UG/L AS FE)	07/07/80-07/07/80	0	1	
GRBA0151	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	07/19/80-07/19/80	0	1	
GRBA0154	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/18/92-08/18/92	0	1	
GRBA0157	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/18/92-08/18/92	0	1	
GRBA0163	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	05/30/89-05/30/89	0	1	
GRBA0172	No	01046	IRON, DISSOLVED (UG/L AS FE)	04/15/88-04/15/88	0	1	
GRBA0174	No	01046	IRON, DISSOLVED (UG/L AS FE)	07/13/80-07/13/80	0	1	
GRBA0177	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/29/92-08/29/92	0	1	
GRBA0193	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	06/15/92-06/15/92	0	1	
GRBA0199	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/29/92-08/29/92	0	1	
GRBA0210	No	01046	IRON, DISSOLVED (UG/L AS FE)	05/31/89-05/31/89	0	1	
GRBA0212	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	05/23/89-05/23/89	0	1	
GRBA0217	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	02/28/89-02/28/89	0	1	
GRBA0219	No	01046	IRON, DISSOLVED (UG/L AS FE)	07/06/80-07/06/80	0	1	
GRBA0223	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/23/92-08/23/92	0	1	
GRBA0225	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	05/23/89-05/23/89	0	2	
GRBA0235	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	05/23/89-05/23/89	0	1	
GRBA0237	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/23/92-08/23/92	0	1	
GRBA0245	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/23/92-08/23/92	0	1	
GRBA0248	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	03/01/89-03/01/89	0	1	
GRBA0251	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	05/24/89-05/24/89	0	1	
GRBA0252	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/20/92-08/20/92	0	2	
GRBA0254	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	05/31/89-05/31/89	0	1	
GRBA0257	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	03/01/89-03/01/89	0	2	
GRBA0281	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	03/05/89-03/05/89	0	1	
GRBA0287	No	01046	IRON, DISSOLVED (UG/L AS FE)	07/12/80-07/12/80	0	1	
GRBA0298	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/25/92-08/25/92	0	1	
GRBA0305	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	05/24/89-05/24/89	0	1	
GRBA0306	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	03/03/89-03/03/89	0	1	
GRBA0307	No	01046	IRON, DISSOLVED (UG/L AS FE)	07/12/80-07/12/80	0	1	
GRBA0322	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/27/87-10/25/89	2	3	
GRBA0333	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	05/28/89-05/28/89	0	1	
GRBA0334	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	05/31/89-05/31/89	0	2	
GRBA0337	No	01046	IRON, DISSOLVED (UG/L AS FE)	07/10/80-07/10/80	0	1	
GRBA0338	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	07/10/80-07/10/80	0	1	
GRBA0344	No	01046	IRON, DISSOLVED (UG/L AS FE)	07/10/80-07/10/80	0	1	
GRBA0346	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	05/28/89-05/28/89	0	1	
GRBA0349	No	01046	IRON, DISSOLVED (UG/L AS FE)	07/10/80-07/10/80	0	1	
GRBA0353	No	01046	IRON, DISSOLVED (UG/L AS FE)	07/06/80-07/06/80	0	1	
GRBA0355	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	05/28/89-05/28/89	0	1	
GRBA0358	No	01046	IRON, DISSOLVED (UG/L AS FE)	07/12/80-07/12/80	0	1	
GRBA0361	No	01046	IRON, DISSOLVED (UG/L AS FE)	07/12/80-07/12/80	0	1	
GRBA0362	No	01046	IRON, DISSOLVED (UG/L AS FE)	07/12/80-07/12/80	0	1	
GRBA0363	No	01046	IRON, DISSOLVED (UG/L AS FE)	07/06/80-07/06/80	0	1	
GRBA0364	No	01046	IRON, DISSOLVED (UG/L AS FE)	07/10/80-07/10/80	0	1	
GRBA0365	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	07/10/80-07/10/80	0	1	
GRBA0366	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	07/10/80-07/10/80	0	1	
GRBA0368	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	07/10/80-07/10/80	0	1	

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

Station/Parameter Period of Record Tabulation
From 08/23/66 To 10/28/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GRBA0370	No	01046	IRON, DISSOLVED (UG/L AS FE)	07/12/80-07/12/80	0	1	
GRBA0372	No	01046	IRON, DISSOLVED (UG/L AS FE)	07/10/80-07/10/80	0	1	
GRBA0374	No	01046	IRON, DISSOLVED (UG/L AS FE)	07/06/80-07/06/80	0	1	
GRBA0376	No	01046	IRON, DISSOLVED (UG/L AS FE)	07/10/80-07/10/80	0	1	
GRBA0378	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/28/92-08/28/92	0	1	
GRBA0380	No	01046	IRON, DISSOLVED (UG/L AS FE)	07/10/80-07/10/80	0	1	
GRBA0383	No	01046	IRON, DISSOLVED (UG/L AS FE)	07/10/80-07/10/80	0	1	
GRBA0384	No	01046	IRON, DISSOLVED (UG/L AS FE)	07/12/80-07/12/80	0	1	
GRBA0385	No	01046	IRON, DISSOLVED (UG/L AS FE)	07/10/80-07/10/80	0	1	
GRBA0386	No	01046	IRON, DISSOLVED (UG/L AS FE)	07/10/80-07/10/80	0	1	
GRBA0389	No	01046	IRON, DISSOLVED (UG/L AS FE)	07/10/80-07/10/80	0	1	
GRBA0391	No	01046	IRON, DISSOLVED (UG/L AS FE)	07/12/80-07/12/80	0	1	
GRBA0394	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/22/92-08/22/92	0	1	
GRBA0396	No	01046	IRON, DISSOLVED (UG/L AS FE)	07/10/80-07/10/80	0	1	
GRBA0397	No	01046	IRON, DISSOLVED (UG/L AS FE)	07/10/80-07/10/80	0	1	
GRBA0398	No	01046	IRON, DISSOLVED (UG/L AS FE)	07/12/80-07/12/80	0	1	
GRBA0399	No	01046	IRON, DISSOLVED (UG/L AS FE)	07/10/80-07/10/80	0	1	
GRBA0400	No	01046	IRON, DISSOLVED (UG/L AS FE)	07/09/80-07/09/80	0	1	
GRBA0401	No	01046	IRON, DISSOLVED (UG/L AS FE)	07/11/80-07/11/80	0	1	
GRBA0402	No	01046	IRON, DISSOLVED (UG/L AS FE)	07/09/80-07/09/80	0	1	
GRBA0403	No	01046	IRON, DISSOLVED (UG/L AS FE)	07/09/80-07/09/80	0	1	
GRBA0404	No	01046	IRON, DISSOLVED (UG/L AS FE)	07/11/80-07/11/80	0	1	
GRBA0405	No	01046	IRON, DISSOLVED (UG/L AS FE)	07/09/80-07/09/80	0	1	
GRBA0406	No	01046	IRON, DISSOLVED (UG/L AS FE)	07/10/80-07/10/80	0	1	
GRBA0407	No	01046	IRON, DISSOLVED (UG/L AS FE)	07/11/80-07/11/80	0	1	
GRBA0409	No	01046	IRON, DISSOLVED (UG/L AS FE)	07/11/80-07/11/80	0	1	
GRBA0410	No	01046	IRON, DISSOLVED (UG/L AS FE)	07/08/80-07/08/80	0	1	
GRBA0412	No	01046	IRON, DISSOLVED (UG/L AS FE)	07/11/80-07/11/80	0	1	
GRBA0415	No	01046	IRON, DISSOLVED (UG/L AS FE)	07/04/80-07/04/80	0	1	
GRBA0417	No	01046	IRON, DISSOLVED (UG/L AS FE)	07/08/80-07/08/80	0	1	
GRBA0418	No	01046	IRON, DISSOLVED (UG/L AS FE)	07/08/80-07/08/80	0	1	
GRBA0419	No	01046	IRON, DISSOLVED (UG/L AS FE)	07/04/80-07/04/80	0	1	
GRBA0420	No	01046	IRON, DISSOLVED (UG/L AS FE)	07/04/80-07/04/80	0	1	
GRBA0422	No	01046	IRON, DISSOLVED (UG/L AS FE)	07/11/80-07/11/80	0	1	
GRBA0423	No	01046	IRON, DISSOLVED (UG/L AS FE)	07/04/80-07/04/80	0	1	
GRBA0425	No	01046	IRON, DISSOLVED (UG/L AS FE)	07/08/80-07/08/80	0	1	
GRBA0426	No	01046	IRON, DISSOLVED (UG/L AS FE)	07/04/80-07/04/80	0	1	
GRBA0428	No	01046	IRON, DISSOLVED (UG/L AS FE)	07/08/80-07/08/80	0	1	
GRBA0032	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	08/19/92-08/19/92	0	1	
GRBA0045	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	05/28/89-05/28/89	0	1	
GRBA0054	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	05/28/89-05/28/89	0	1	
GRBA0057	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	08/30/92-08/30/92	0	1	
GRBA0061	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	05/28/89-05/28/89	0	1	
GRBA0064	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	05/28/89-05/28/89	0	1	
GRBA0070	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	05/28/89-05/28/89	0	1	
GRBA0080	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	05/27/89-05/27/89	0	1	
GRBA0088	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	08/27/92-08/27/92	0	1	
GRBA0090	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	05/26/89-05/26/89	0	1	
GRBA0096	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	05/27/89-05/27/89	0	1	
GRBA0114	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	05/27/89-05/27/89	0	1	
GRBA0115	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	08/27/92-08/27/92	0	1	
GRBA0123	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	08/21/92-08/21/92	0	1	
GRBA0130	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	05/29/89-05/29/89	0	1	
GRBA0132	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	08/26/92-08/26/92	0	1	
GRBA0154	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	08/18/92-08/18/92	0	1	
GRBA0157	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	08/18/92-08/18/92	0	1	
GRBA0163	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	05/30/89-05/30/89	0	1	
GRBA0177	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	08/29/92-08/29/92	0	1	
GRBA0193	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	06/15/92-06/15/92	0	1	
GRBA0199	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	08/29/92-08/29/92	0	1	
GRBA0210	No	01049	LEAD, DISSOLVED (UG/L AS PB)	05/31/89-05/31/89	0	1	
GRBA0212	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	05/23/89-05/23/89	0	1	
GRBA0217	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	02/28/89-02/28/89	0	1	
GRBA0219	No	01049	LEAD, DISSOLVED (UG/L AS PB)	07/06/80-07/06/80	0	1	
GRBA0223	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	08/23/92-08/23/92	0	1	
GRBA0225	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	05/23/89-05/23/89	0	2	
GRBA0235	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	05/23/89-05/23/89	0	1	
GRBA0237	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	08/23/92-08/23/92	0	1	
GRBA0245	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	08/23/92-08/23/92	0	1	
GRBA0248	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	03/01/89-03/01/89	0	1	
GRBA0251	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	05/24/89-05/24/89	0	1	
GRBA0252	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	08/20/92-08/20/92	0	2	

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

Station/Parameter Period of Record Tabulation
From 08/23/66 To 10/28/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GRBA0254	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	05/31/89-05/31/89	0	1	
GRBA0257	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	03/01/89-03/01/89	0	2	
GRBA0281	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	03/05/89-03/05/89	0	1	
GRBA0287	No	01049	LEAD, DISSOLVED (UG/L AS PB)	07/12/80-07/12/80	0	1	
GRBA0298	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	08/25/92-08/25/92	0	1	
GRBA0305	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	05/24/89-05/24/89	0	1	
GRBA0306	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	03/03/89-03/03/89	0	1	
GRBA0307	No	01049	LEAD, DISSOLVED (UG/L AS PB)	07/12/80-07/12/80	0	1	
GRBA0322	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	08/27/87-10/25/89	2	3	
GRBA0333	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	05/28/89-05/28/89	0	1	
GRBA0334	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	05/31/89-05/31/89	0	2	
GRBA0337	No	01049	LEAD, DISSOLVED (UG/L AS PB)	07/10/80-07/10/80	0	1	
GRBA0338	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	07/10/80-07/10/80	0	1	
GRBA0344	No	01049	LEAD, DISSOLVED (UG/L AS PB)	07/10/80-07/10/80	0	1	
GRBA0346	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	05/28/89-05/28/89	0	1	
GRBA0353	No	01049	LEAD, DISSOLVED (UG/L AS PB)	07/06/80-07/06/80	0	1	
GRBA0355	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	05/28/89-05/28/89	0	1	
GRBA0358	No	01049	LEAD, DISSOLVED (UG/L AS PB)	07/12/80-07/12/80	0	1	
GRBA0362	No	01049	LEAD, DISSOLVED (UG/L AS PB)	07/12/80-07/12/80	0	1	
GRBA0363	No	01049	LEAD, DISSOLVED (UG/L AS PB)	07/06/80-07/06/80	0	1	
GRBA0364	No	01049	LEAD, DISSOLVED (UG/L AS PB)	07/10/80-07/10/80	0	1	
GRBA0365	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	07/10/80-07/10/80	0	1	
GRBA0370	No	01049	LEAD, DISSOLVED (UG/L AS PB)	07/12/80-07/12/80	0	1	
GRBA0374	No	01049	LEAD, DISSOLVED (UG/L AS PB)	07/06/80-07/06/80	0	1	
GRBA0376	No	01049	LEAD, DISSOLVED (UG/L AS PB)	07/10/80-07/10/80	0	1	
GRBA0378	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	08/28/92-08/28/92	0	1	
GRBA0380	No	01049	LEAD, DISSOLVED (UG/L AS PB)	07/10/80-07/10/80	0	1	
GRBA0383	No	01049	LEAD, DISSOLVED (UG/L AS PB)	07/10/80-07/10/80	0	1	
GRBA0384	No	01049	LEAD, DISSOLVED (UG/L AS PB)	07/12/80-07/12/80	0	1	
GRBA0386	No	01049	LEAD, DISSOLVED (UG/L AS PB)	07/10/80-07/10/80	0	1	
GRBA0389	No	01049	LEAD, DISSOLVED (UG/L AS PB)	07/10/80-07/10/80	0	1	
GRBA0391	No	01049	LEAD, DISSOLVED (UG/L AS PB)	07/12/80-07/12/80	0	1	
GRBA0394	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	08/22/92-08/22/92	0	1	
GRBA0396	No	01049	LEAD, DISSOLVED (UG/L AS PB)	07/10/80-07/10/80	0	1	
GRBA0397	No	01049	LEAD, DISSOLVED (UG/L AS PB)	07/10/80-07/10/80	0	1	
GRBA0398	No	01049	LEAD, DISSOLVED (UG/L AS PB)	07/12/80-07/12/80	0	1	
GRBA0399	No	01049	LEAD, DISSOLVED (UG/L AS PB)	07/10/80-07/10/80	0	1	
GRBA0400	No	01049	LEAD, DISSOLVED (UG/L AS PB)	07/09/80-07/09/80	0	1	
GRBA0401	No	01049	LEAD, DISSOLVED (UG/L AS PB)	07/11/80-07/11/80	0	1	
GRBA0402	No	01049	LEAD, DISSOLVED (UG/L AS PB)	07/09/80-07/09/80	0	1	
GRBA0403	No	01049	LEAD, DISSOLVED (UG/L AS PB)	07/09/80-07/09/80	0	1	
GRBA0404	No	01049	LEAD, DISSOLVED (UG/L AS PB)	07/11/80-07/11/80	0	1	
GRBA0405	No	01049	LEAD, DISSOLVED (UG/L AS PB)	07/09/80-07/09/80	0	1	
GRBA0406	No	01049	LEAD, DISSOLVED (UG/L AS PB)	07/10/80-07/10/80	0	1	
GRBA0409	No	01049	LEAD, DISSOLVED (UG/L AS PB)	07/11/80-07/11/80	0	1	
GRBA0410	No	01049	LEAD, DISSOLVED (UG/L AS PB)	07/08/80-07/08/80	0	1	
GRBA0412	No	01049	LEAD, DISSOLVED (UG/L AS PB)	07/11/80-07/11/80	0	1	
GRBA0418	No	01049	LEAD, DISSOLVED (UG/L AS PB)	07/08/80-07/08/80	0	1	
GRBA0419	No	01049	LEAD, DISSOLVED (UG/L AS PB)	07/04/80-07/04/80	0	1	
GRBA0422	No	01049	LEAD, DISSOLVED (UG/L AS PB)	07/11/80-07/11/80	0	1	
GRBA0423	No	01049	LEAD, DISSOLVED (UG/L AS PB)	07/04/80-07/04/80	0	1	
GRBA0428	No	01049	LEAD, DISSOLVED (UG/L AS PB)	07/08/80-07/08/80	0	1	
GRBA0078	No	01051	LEAD, TOTAL (UG/L AS PB)	03/25/82-11/16/88	6	9	
GRBA0282	Yes	01051	LEAD, TOTAL (UG/L AS PB)	01/22/90-01/22/90	0	1	
GRBA0313	Yes	01051	LEAD, TOTAL (UG/L AS PB)	07/22/87-07/22/87	0	1	
GRBA0316	Yes	01051	LEAD, TOTAL (UG/L AS PB)	06/09/86-06/09/86	0	1	
GRBA0375	No	01051	LEAD, TOTAL (UG/L AS PB)	07/06/80-07/06/80	0	1	
GRBA0381	No	01051	LEAD, TOTAL (UG/L AS PB)	07/06/80-07/06/80	0	1	
GRBA0382	No	01051	LEAD, TOTAL (UG/L AS PB)	07/06/80-07/06/80	0	1	
GRBA0392	No	01051	LEAD, TOTAL (UG/L AS PB)	07/12/80-07/12/80	0	1	
GRBA0411	No	01051	LEAD, TOTAL (UG/L AS PB)	07/11/80-07/11/80	0	1	
GRBA0413	No	01051	LEAD, TOTAL (UG/L AS PB)	07/08/80-07/08/80	0	1	
GRBA0078	No	01055	MANGANESE, TOTAL (UG/L AS MN)	03/25/82-11/16/88	6	9	
GRBA0167	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	07/22/88-07/22/88	0	1	
GRBA0168	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	06/30/89-06/30/89	0	1	
GRBA0170	No	01055	MANGANESE, TOTAL (UG/L AS MN)	07/08/81-07/08/81	0	1	
GRBA0282	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	01/22/90-01/22/90	0	1	
GRBA0291	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	07/22/88-07/22/88	0	1	
GRBA0292	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	06/30/89-06/30/89	0	1	
GRBA0313	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	07/22/87-07/22/87	0	1	
GRBA0314	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	06/30/89-06/30/89	0	1	
GRBA0316	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	06/09/86-06/09/86	0	1	

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

Station/Parameter Period of Record Tabulation
From 08/23/66 To 10/28/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GRBA0323	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	07/22/88-07/22/88	0	1	
GRBA0324	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	06/30/89-06/30/89	0	1	
GRBA0375	No	01055	MANGANESE, TOTAL (UG/L AS MN)	07/06/80-07/06/80	0	1	
GRBA0381	No	01055	MANGANESE, TOTAL (UG/L AS MN)	07/06/80-07/06/80	0	1	
GRBA0382	No	01055	MANGANESE, TOTAL (UG/L AS MN)	07/06/80-07/06/80	0	1	
GRBA0392	No	01055	MANGANESE, TOTAL (UG/L AS MN)	07/12/80-07/12/80	0	1	
GRBA0411	No	01055	MANGANESE, TOTAL (UG/L AS MN)	07/11/80-07/11/80	0	1	
GRBA0413	No	01055	MANGANESE, TOTAL (UG/L AS MN)	07/08/80-07/08/80	0	1	
GRBA0001	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/08/80-07/08/80	0	1	
GRBA0002	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/08/80-07/08/80	0	1	
GRBA0004	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/08/80-07/08/80	0	1	
GRBA0008	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/09/80-07/09/80	0	1	
GRBA0009	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/09/80-07/09/80	0	1	
GRBA0012	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/15/80-07/15/80	0	1	
GRBA0032	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/19/92-08/19/92	0	1	
GRBA0036	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/09/80-07/09/80	0	1	
GRBA0037	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/09/80-07/09/80	0	1	
GRBA0045	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/28/89-05/28/89	0	1	
GRBA0054	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/28/89-05/28/89	0	1	
GRBA0057	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/30/92-08/30/92	0	1	
GRBA0061	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/28/89-05/28/89	0	1	
GRBA0064	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/28/89-05/28/89	0	1	
GRBA0070	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/28/89-05/28/89	0	1	
GRBA0080	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/27/89-05/27/89	0	1	
GRBA0088	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/27/92-08/27/92	0	1	
GRBA0090	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/26/89-05/26/89	0	1	
GRBA0096	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/27/89-05/27/89	0	1	
GRBA0097	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/07/80-07/07/80	0	1	
GRBA0098	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/07/80-07/07/80	0	1	
GRBA0099	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/20/80-07/20/80	0	1	
GRBA0101	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/20/80-07/20/80	0	1	
GRBA0114	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/27/89-05/27/89	0	1	
GRBA0115	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/27/92-08/27/92	0	1	
GRBA0121	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/09/80-07/09/80	0	1	
GRBA0123	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/21/92-08/21/92	0	1	
GRBA0130	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/29/89-05/29/89	0	1	
GRBA0132	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/26/92-08/26/92	0	1	
GRBA0134	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/19/80-07/19/80	0	1	
GRBA0147	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/07/80-07/07/80	0	1	
GRBA0151	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/19/80-07/19/80	0	1	
GRBA0152	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/19/80-07/19/80	0	1	
GRBA0154	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/18/92-08/18/92	0	1	
GRBA0157	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/18/92-08/18/92	0	1	
GRBA0163	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/30/89-05/30/89	0	1	
GRBA0172	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/15/88-04/15/88	0	1	
GRBA0174	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/13/80-07/13/80	0	1	
GRBA0177	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/29/92-08/29/92	0	1	
GRBA0193	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	06/15/92-06/15/92	0	1	
GRBA0199	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/29/92-08/29/92	0	1	
GRBA0210	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/31/89-05/31/89	0	1	
GRBA0212	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/23/89-05/23/89	0	1	
GRBA0217	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	02/28/89-02/28/89	0	1	
GRBA0219	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/06/80-07/06/80	0	1	
GRBA0223	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/23/92-08/23/92	0	1	
GRBA0225	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/23/89-05/23/89	0	2	
GRBA0235	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/23/89-05/23/89	0	1	
GRBA0237	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/23/92-08/23/92	0	1	
GRBA0245	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/23/92-08/23/92	0	1	
GRBA0248	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/01/89-03/01/89	0	1	
GRBA0251	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/24/89-05/24/89	0	1	
GRBA0252	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/20/92-08/20/92	0	2	
GRBA0254	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/31/89-05/31/89	0	1	
GRBA0257	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/01/89-03/01/89	0	2	
GRBA0281	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/05/89-03/05/89	0	1	
GRBA0287	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/12/80-07/12/80	0	1	
GRBA0298	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/25/92-08/25/92	0	1	
GRBA0305	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/24/89-05/24/89	0	1	
GRBA0306	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/03/89-03/03/89	0	1	
GRBA0307	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/12/80-07/12/80	0	1	
GRBA0322	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/27/87-10/25/89	2	3	
GRBA0333	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/28/89-05/28/89	0	1	
GRBA0334	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/31/89-05/31/89	0	2	

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

Station/Parameter Period of Record Tabulation
From 08/23/66 To 10/28/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GRBA0337	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/10/80-07/10/80	0	1	
GRBA0338	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/10/80-07/10/80	0	1	
GRBA0344	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/10/80-07/10/80	0	1	
GRBA0346	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/28/89-05/28/89	0	1	
GRBA0348	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/10/80-07/10/80	0	1	
GRBA0349	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/10/80-07/10/80	0	1	
GRBA0353	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/06/80-07/06/80	0	1	
GRBA0355	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/28/89-05/28/89	0	1	
GRBA0358	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/12/80-07/12/80	0	1	
GRBA0361	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/12/80-07/12/80	0	1	
GRBA0362	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/12/80-07/12/80	0	1	
GRBA0363	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/06/80-07/06/80	0	1	
GRBA0364	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/10/80-07/10/80	0	1	
GRBA0365	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/10/80-07/10/80	0	1	
GRBA0366	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/10/80-07/10/80	0	1	
GRBA0368	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/10/80-07/10/80	0	1	
GRBA0370	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/12/80-07/12/80	0	1	
GRBA0372	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/10/80-07/10/80	0	1	
GRBA0374	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/06/80-07/06/80	0	1	
GRBA0376	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/10/80-07/10/80	0	1	
GRBA0378	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/28/92-08/28/92	0	1	
GRBA0380	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/10/80-07/10/80	0	1	
GRBA0383	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/10/80-07/10/80	0	1	
GRBA0384	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/12/80-07/12/80	0	1	
GRBA0385	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/10/80-07/10/80	0	1	
GRBA0386	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/10/80-07/10/80	0	1	
GRBA0389	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/10/80-07/10/80	0	1	
GRBA0391	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/12/80-07/12/80	0	1	
GRBA0394	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/22/92-08/22/92	0	1	
GRBA0396	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/10/80-07/10/80	0	1	
GRBA0397	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/10/80-07/10/80	0	1	
GRBA0398	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/12/80-07/12/80	0	1	
GRBA0399	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/10/80-07/10/80	0	1	
GRBA0400	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/09/80-07/09/80	0	1	
GRBA0401	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/11/80-07/11/80	0	1	
GRBA0402	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/09/80-07/09/80	0	1	
GRBA0403	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/09/80-07/09/80	0	1	
GRBA0404	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/11/80-07/11/80	0	1	
GRBA0405	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/09/80-07/09/80	0	1	
GRBA0406	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/10/80-07/10/80	0	1	
GRBA0407	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/11/80-07/11/80	0	1	
GRBA0409	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/11/80-07/11/80	0	1	
GRBA0410	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/08/80-07/08/80	0	1	
GRBA0412	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/11/80-07/11/80	0	1	
GRBA0415	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/04/80-07/04/80	0	1	
GRBA0416	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/08/80-07/08/80	0	1	
GRBA0417	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/08/80-07/08/80	0	1	
GRBA0418	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/08/80-07/08/80	0	1	
GRBA0419	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/04/80-07/04/80	0	1	
GRBA0420	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/04/80-07/04/80	0	1	
GRBA0422	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/11/80-07/11/80	0	1	
GRBA0423	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/04/80-07/04/80	0	1	
GRBA0425	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/08/80-07/08/80	0	1	
GRBA0426	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/04/80-07/04/80	0	1	
GRBA0428	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/08/80-07/08/80	0	1	
GRBA0045	Yes	01057	THALLIUM, DISSOLVED (UG/L AS TL)	05/28/89-05/28/89	0	1	
GRBA0054	Yes	01057	THALLIUM, DISSOLVED (UG/L AS TL)	05/28/89-05/28/89	0	1	
GRBA0061	Yes	01057	THALLIUM, DISSOLVED (UG/L AS TL)	05/28/89-05/28/89	0	1	
GRBA0064	Yes	01057	THALLIUM, DISSOLVED (UG/L AS TL)	05/28/89-05/28/89	0	1	
GRBA0070	Yes	01057	THALLIUM, DISSOLVED (UG/L AS TL)	05/28/89-05/28/89	0	1	
GRBA0080	Yes	01057	THALLIUM, DISSOLVED (UG/L AS TL)	05/27/89-05/27/89	0	1	
GRBA0090	Yes	01057	THALLIUM, DISSOLVED (UG/L AS TL)	05/26/89-05/26/89	0	1	
GRBA0096	Yes	01057	THALLIUM, DISSOLVED (UG/L AS TL)	05/27/89-05/27/89	0	1	
GRBA0114	Yes	01057	THALLIUM, DISSOLVED (UG/L AS TL)	05/27/89-05/27/89	0	1	
GRBA0130	Yes	01057	THALLIUM, DISSOLVED (UG/L AS TL)	05/29/89-05/29/89	0	1	
GRBA0163	Yes	01057	THALLIUM, DISSOLVED (UG/L AS TL)	05/30/89-05/30/89	0	1	
GRBA0210	No	01057	THALLIUM, DISSOLVED (UG/L AS TL)	05/31/89-05/31/89	0	1	
GRBA0212	Yes	01057	THALLIUM, DISSOLVED (UG/L AS TL)	05/23/89-05/23/89	0	1	
GRBA0217	Yes	01057	THALLIUM, DISSOLVED (UG/L AS TL)	02/28/89-02/28/89	0	1	
GRBA0225	Yes	01057	THALLIUM, DISSOLVED (UG/L AS TL)	05/23/89-05/23/89	0	2	
GRBA0235	Yes	01057	THALLIUM, DISSOLVED (UG/L AS TL)	05/23/89-05/23/89	0	1	
GRBA0248	Yes	01057	THALLIUM, DISSOLVED (UG/L AS TL)	03/01/89-03/01/89	0	1	

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

Station/Parameter Period of Record Tabulation
From 08/23/66 To 10/28/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GRBA0251	Yes	01057	THALLIUM, DISSOLVED (UG/L AS TL)	05/24/89-05/24/89	0	1	
GRBA0254	Yes	01057	THALLIUM, DISSOLVED (UG/L AS TL)	05/31/89-05/31/89	0	1	
GRBA0257	Yes	01057	THALLIUM, DISSOLVED (UG/L AS TL)	03/01/89-03/01/89	0	2	
GRBA0281	Yes	01057	THALLIUM, DISSOLVED (UG/L AS TL)	03/05/89-03/05/89	0	1	
GRBA0305	Yes	01057	THALLIUM, DISSOLVED (UG/L AS TL)	05/24/89-05/24/89	0	1	
GRBA0306	Yes	01057	THALLIUM, DISSOLVED (UG/L AS TL)	03/03/89-03/03/89	0	1	
GRBA0333	Yes	01057	THALLIUM, DISSOLVED (UG/L AS TL)	05/28/89-05/28/89	0	1	
GRBA0334	Yes	01057	THALLIUM, DISSOLVED (UG/L AS TL)	05/31/89-05/31/89	0	2	
GRBA0346	Yes	01057	THALLIUM, DISSOLVED (UG/L AS TL)	05/28/89-05/28/89	0	1	
GRBA0355	Yes	01057	THALLIUM, DISSOLVED (UG/L AS TL)	05/28/89-05/28/89	0	1	
GRBA0001	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/08/80-07/08/80	0	1	
GRBA0004	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/08/80-07/08/80	0	1	
GRBA0008	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/09/80-07/09/80	0	1	
GRBA0012	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/15/80-07/15/80	0	1	
GRBA0032	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	08/19/92-08/19/92	0	1	
GRBA0037	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/09/80-07/09/80	0	1	
GRBA0057	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	08/30/92-08/30/92	0	1	
GRBA0088	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	08/27/92-08/27/92	0	1	
GRBA0097	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/07/80-07/07/80	0	1	
GRBA0099	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/20/80-07/20/80	0	1	
GRBA0101	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/20/80-07/20/80	0	1	
GRBA0115	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	08/27/92-08/27/92	0	1	
GRBA0121	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/09/80-07/09/80	0	1	
GRBA0123	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	08/21/92-08/21/92	0	1	
GRBA0132	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	08/26/92-08/26/92	0	1	
GRBA0134	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/19/80-07/19/80	0	1	
GRBA0147	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/07/80-07/07/80	0	1	
GRBA0151	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/19/80-07/19/80	0	1	
GRBA0154	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	08/18/92-08/18/92	0	1	
GRBA0157	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	08/18/92-08/18/92	0	1	
GRBA0174	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/13/80-07/13/80	0	1	
GRBA0177	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	08/29/92-08/29/92	0	1	
GRBA0193	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	06/15/92-06/15/92	0	1	
GRBA0199	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	08/29/92-08/29/92	0	1	
GRBA0219	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/06/80-07/06/80	0	1	
GRBA0223	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	08/23/92-08/23/92	0	1	
GRBA0237	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	08/23/92-08/23/92	0	1	
GRBA0245	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	08/23/92-08/23/92	0	1	
GRBA0252	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	08/20/92-08/20/92	0	2	
GRBA0287	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/12/80-07/12/80	0	1	
GRBA0298	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	08/25/92-08/25/92	0	1	
GRBA0307	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/12/80-07/12/80	0	1	
GRBA0322	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	08/27/87-10/25/89	2	3	
GRBA0337	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/10/80-07/10/80	0	1	
GRBA0338	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/10/80-07/10/80	0	1	
GRBA0344	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/10/80-07/10/80	0	1	
GRBA0349	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/10/80-07/10/80	0	1	
GRBA0353	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/06/80-07/06/80	0	1	
GRBA0358	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/12/80-07/12/80	0	1	
GRBA0361	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/12/80-07/12/80	0	1	
GRBA0362	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/12/80-07/12/80	0	1	
GRBA0363	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/06/80-07/06/80	0	1	
GRBA0364	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/10/80-07/10/80	0	1	
GRBA0365	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/10/80-07/10/80	0	1	
GRBA0366	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/10/80-07/10/80	0	1	
GRBA0368	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/10/80-07/10/80	0	1	
GRBA0370	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/12/80-07/12/80	0	1	
GRBA0372	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/10/80-07/10/80	0	1	
GRBA0374	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/06/80-07/06/80	0	1	
GRBA0376	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/10/80-07/10/80	0	1	
GRBA0378	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	08/28/92-08/28/92	0	1	
GRBA0380	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/10/80-07/10/80	0	1	
GRBA0383	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/10/80-07/10/80	0	1	
GRBA0384	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/12/80-07/12/80	0	1	
GRBA0385	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/10/80-07/10/80	0	1	
GRBA0386	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/10/80-07/10/80	0	1	
GRBA0389	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/10/80-07/10/80	0	1	
GRBA0391	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/12/80-07/12/80	0	1	
GRBA0394	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	08/22/92-08/22/92	0	1	
GRBA0396	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/10/80-07/10/80	0	1	
GRBA0397	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/10/80-07/10/80	0	1	
GRBA0398	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/12/80-07/12/80	0	1	

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

Station/Parameter Period of Record Tabulation
From 08/23/66 To 10/28/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GRBA0399	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/10/80-07/10/80	0	1	
GRBA0400	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/09/80-07/09/80	0	1	
GRBA0401	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/11/80-07/11/80	0	1	
GRBA0402	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/09/80-07/09/80	0	1	
GRBA0403	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/09/80-07/09/80	0	1	
GRBA0404	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/11/80-07/11/80	0	1	
GRBA0405	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/09/80-07/09/80	0	1	
GRBA0406	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/10/80-07/10/80	0	1	
GRBA0407	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/11/80-07/11/80	0	1	
GRBA0409	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/11/80-07/11/80	0	1	
GRBA0410	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/08/80-07/08/80	0	1	
GRBA0412	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/11/80-07/11/80	0	1	
GRBA0415	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/04/80-07/04/80	0	1	
GRBA0417	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/08/80-07/08/80	0	1	
GRBA0418	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/08/80-07/08/80	0	1	
GRBA0419	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/04/80-07/04/80	0	1	
GRBA0420	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/04/80-07/04/80	0	1	
GRBA0422	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/11/80-07/11/80	0	1	
GRBA0423	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/04/80-07/04/80	0	1	
GRBA0425	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/08/80-07/08/80	0	1	
GRBA0426	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/04/80-07/04/80	0	1	
GRBA0428	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/08/80-07/08/80	0	1	
GRBA0375	No	01062	MOLYBDENUM, TOTAL (UG/L AS MO)	07/06/80-07/06/80	0	1	
GRBA0381	No	01062	MOLYBDENUM, TOTAL (UG/L AS MO)	07/06/80-07/06/80	0	1	
GRBA0382	No	01062	MOLYBDENUM, TOTAL (UG/L AS MO)	07/06/80-07/06/80	0	1	
GRBA0392	No	01062	MOLYBDENUM, TOTAL (UG/L AS MO)	07/12/80-07/12/80	0	1	
GRBA0411	No	01062	MOLYBDENUM, TOTAL (UG/L AS MO)	07/11/80-07/11/80	0	1	
GRBA0413	No	01062	MOLYBDENUM, TOTAL (UG/L AS MO)	07/08/80-07/08/80	0	1	
GRBA0001	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	07/08/80-07/08/80	0	1	
GRBA0004	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	07/08/80-07/08/80	0	1	
GRBA0008	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	07/09/80-07/09/80	0	1	
GRBA0012	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	07/15/80-07/15/80	0	1	
GRBA0032	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	08/19/92-08/19/92	0	1	
GRBA0037	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	07/09/80-07/09/80	0	1	
GRBA0045	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	05/28/89-05/28/89	0	1	
GRBA0054	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	05/28/89-05/28/89	0	1	
GRBA0057	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	08/30/92-08/30/92	0	1	
GRBA0061	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	05/28/89-05/28/89	0	1	
GRBA0064	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	05/28/89-05/28/89	0	1	
GRBA0070	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	05/28/89-05/28/89	0	1	
GRBA0080	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	05/27/89-05/27/89	0	1	
GRBA0088	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	08/27/92-08/27/92	0	1	
GRBA0090	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	05/26/89-05/26/89	0	1	
GRBA0096	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	05/27/89-05/27/89	0	1	
GRBA0097	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	07/07/80-07/07/80	0	1	
GRBA0099	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	07/20/80-07/20/80	0	1	
GRBA0101	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	07/20/80-07/20/80	0	1	
GRBA0114	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	05/27/89-05/27/89	0	1	
GRBA0115	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	08/27/92-08/27/92	0	1	
GRBA0121	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	07/09/80-07/09/80	0	1	
GRBA0123	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	08/21/92-08/21/92	0	1	
GRBA0130	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	05/29/89-05/29/89	0	1	
GRBA0132	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	08/26/92-08/26/92	0	1	
GRBA0134	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	07/19/80-07/19/80	0	1	
GRBA0147	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	07/07/80-07/07/80	0	1	
GRBA0151	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	07/19/80-07/19/80	0	1	
GRBA0154	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	08/18/92-08/18/92	0	1	
GRBA0157	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	08/18/92-08/18/92	0	1	
GRBA0163	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	05/30/89-05/30/89	0	1	
GRBA0174	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	07/13/80-07/13/80	0	1	
GRBA0177	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	08/29/92-08/29/92	0	1	
GRBA0193	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	06/15/92-06/15/92	0	1	
GRBA0199	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	08/29/92-08/29/92	0	1	
GRBA0210	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	05/31/89-05/31/89	0	1	
GRBA0212	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	05/23/89-05/23/89	0	1	
GRBA0217	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	02/28/89-02/28/89	0	1	
GRBA0219	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	07/06/80-07/06/80	0	1	
GRBA0223	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	08/23/92-08/23/92	0	1	
GRBA0225	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	05/23/89-05/23/89	0	2	
GRBA0235	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	05/23/89-05/23/89	0	1	
GRBA0237	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	08/23/92-08/23/92	0	1	
GRBA0245	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	08/23/92-08/23/92	0	1	

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

Station/Parameter Period of Record Tabulation
From 08/23/66 To 10/28/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GRBA0248	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	03/01/89-03/01/89	0	1	
GRBA0251	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	05/24/89-05/24/89	0	1	
GRBA0252	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	08/20/92-08/20/92	0	2	
GRBA0254	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	05/31/89-05/31/89	0	1	
GRBA0257	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	03/01/89-03/01/89	0	2	
GRBA0281	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	03/05/89-03/05/89	0	1	
GRBA0287	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	07/12/80-07/12/80	0	1	
GRBA0298	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	08/25/92-08/25/92	0	1	
GRBA0305	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	05/24/89-05/24/89	0	1	
GRBA0306	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	03/03/89-03/03/89	0	1	
GRBA0307	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	07/12/80-07/12/80	0	1	
GRBA0322	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	08/27/87-10/25/89	2	3	
GRBA0333	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	05/28/89-05/28/89	0	1	
GRBA0334	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	05/31/89-05/31/89	0	2	
GRBA0337	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	07/10/80-07/10/80	0	1	
GRBA0338	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	07/10/80-07/10/80	0	1	
GRBA0344	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	07/10/80-07/10/80	0	1	
GRBA0346	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	05/28/89-05/28/89	0	1	
GRBA0349	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	07/10/80-07/10/80	0	1	
GRBA0353	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	07/06/80-07/06/80	0	1	
GRBA0355	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	05/28/89-05/28/89	0	1	
GRBA0358	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	07/12/80-07/12/80	0	1	
GRBA0361	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	07/12/80-07/12/80	0	1	
GRBA0362	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	07/12/80-07/12/80	0	1	
GRBA0363	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	07/06/80-07/06/80	0	1	
GRBA0364	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	07/10/80-07/10/80	0	1	
GRBA0365	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	07/10/80-07/10/80	0	1	
GRBA0366	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	07/10/80-07/10/80	0	1	
GRBA0368	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	07/10/80-07/10/80	0	1	
GRBA0370	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	07/12/80-07/12/80	0	1	
GRBA0372	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	07/10/80-07/10/80	0	1	
GRBA0374	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	07/06/80-07/06/80	0	1	
GRBA0376	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	07/10/80-07/10/80	0	1	
GRBA0378	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	08/28/92-08/28/92	0	1	
GRBA0380	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	07/10/80-07/10/80	0	1	
GRBA0383	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	07/10/80-07/10/80	0	1	
GRBA0384	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	07/12/80-07/12/80	0	1	
GRBA0385	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	07/10/80-07/10/80	0	1	
GRBA0386	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	07/10/80-07/10/80	0	1	
GRBA0389	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	07/10/80-07/10/80	0	1	
GRBA0391	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	07/12/80-07/12/80	0	1	
GRBA0394	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	08/22/92-08/22/92	0	1	
GRBA0396	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	07/10/80-07/10/80	0	1	
GRBA0397	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	07/10/80-07/10/80	0	1	
GRBA0398	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	07/12/80-07/12/80	0	1	
GRBA0399	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	07/10/80-07/10/80	0	1	
GRBA0400	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	07/09/80-07/09/80	0	1	
GRBA0401	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	07/11/80-07/11/80	0	1	
GRBA0402	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	07/09/80-07/09/80	0	1	
GRBA0403	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	07/09/80-07/09/80	0	1	
GRBA0404	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	07/11/80-07/11/80	0	1	
GRBA0405	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	07/09/80-07/09/80	0	1	
GRBA0406	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	07/10/80-07/10/80	0	1	
GRBA0407	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	07/11/80-07/11/80	0	1	
GRBA0409	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	07/11/80-07/11/80	0	1	
GRBA0410	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	07/08/80-07/08/80	0	1	
GRBA0412	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	07/11/80-07/11/80	0	1	
GRBA0415	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	07/04/80-07/04/80	0	1	
GRBA0417	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	07/08/80-07/08/80	0	1	
GRBA0418	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	07/08/80-07/08/80	0	1	
GRBA0419	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	07/04/80-07/04/80	0	1	
GRBA0420	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	07/04/80-07/04/80	0	1	
GRBA0422	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	07/11/80-07/11/80	0	1	
GRBA0423	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	07/04/80-07/04/80	0	1	
GRBA0425	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	07/08/80-07/08/80	0	1	
GRBA0426	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	07/04/80-07/04/80	0	1	
GRBA0428	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	07/08/80-07/08/80	0	1	
GRBA0078	No	01067	NICKEL, TOTAL (UG/L AS NI)	03/25/82-03/16/83	0	3	
GRBA0375	No	01067	NICKEL, TOTAL (UG/L AS NI)	07/06/80-07/06/80	0	1	
GRBA0381	No	01067	NICKEL, TOTAL (UG/L AS NI)	07/06/80-07/06/80	0	1	
GRBA0382	No	01067	NICKEL, TOTAL (UG/L AS NI)	07/06/80-07/06/80	0	1	
GRBA0392	No	01067	NICKEL, TOTAL (UG/L AS NI)	07/12/80-07/12/80	0	1	

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

Station/Parameter Period of Record Tabulation
From 08/23/66 To 10/28/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GRBA0411	No	01067	NICKEL, TOTAL (UG/L AS NI)	07/11/80-07/11/80	0	1	
GRBA0413	No	01067	NICKEL, TOTAL (UG/L AS NI)	07/08/80-07/08/80	0	1	
GRBA0001	No	01075	SILVER, DISSOLVED (UG/L AS AG)	07/08/80-07/08/80	0	1	
GRBA0004	No	01075	SILVER, DISSOLVED (UG/L AS AG)	07/08/80-07/08/80	0	1	
GRBA0008	No	01075	SILVER, DISSOLVED (UG/L AS AG)	07/09/80-07/09/80	0	1	
GRBA0012	No	01075	SILVER, DISSOLVED (UG/L AS AG)	07/15/80-07/15/80	0	1	
GRBA0037	No	01075	SILVER, DISSOLVED (UG/L AS AG)	07/09/80-07/09/80	0	1	
GRBA0045	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	05/28/89-05/28/89	0	1	
GRBA0054	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	05/28/89-05/28/89	0	1	
GRBA0061	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	05/28/89-05/28/89	0	1	
GRBA0064	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	05/28/89-05/28/89	0	1	
GRBA0070	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	05/28/89-05/28/89	0	1	
GRBA0080	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	05/27/89-05/27/89	0	1	
GRBA0090	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	05/26/89-05/26/89	0	1	
GRBA0096	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	05/27/89-05/27/89	0	1	
GRBA0097	No	01075	SILVER, DISSOLVED (UG/L AS AG)	07/07/80-07/07/80	0	1	
GRBA0099	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	07/20/80-07/20/80	0	1	
GRBA0101	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	07/20/80-07/20/80	0	1	
GRBA0114	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	05/27/89-05/27/89	0	1	
GRBA0121	No	01075	SILVER, DISSOLVED (UG/L AS AG)	07/09/80-07/09/80	0	1	
GRBA0130	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	05/29/89-05/29/89	0	1	
GRBA0134	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	07/19/80-07/19/80	0	1	
GRBA0147	No	01075	SILVER, DISSOLVED (UG/L AS AG)	07/07/80-07/07/80	0	1	
GRBA0151	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	07/19/80-07/19/80	0	1	
GRBA0163	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	05/30/89-05/30/89	0	1	
GRBA0174	No	01075	SILVER, DISSOLVED (UG/L AS AG)	07/13/80-07/13/80	0	1	
GRBA0210	No	01075	SILVER, DISSOLVED (UG/L AS AG)	05/31/89-05/31/89	0	1	
GRBA0212	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	05/23/89-05/23/89	0	1	
GRBA0217	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	02/28/89-02/28/89	0	1	
GRBA0219	No	01075	SILVER, DISSOLVED (UG/L AS AG)	07/06/80-07/06/80	0	1	
GRBA0225	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	05/23/89-05/23/89	0	2	
GRBA0235	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	05/23/89-05/23/89	0	1	
GRBA0248	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	03/01/89-03/01/89	0	1	
GRBA0251	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	05/24/89-05/24/89	0	1	
GRBA0254	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	05/31/89-05/31/89	0	1	
GRBA0257	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	03/01/89-03/01/89	0	2	
GRBA0281	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	03/05/89-03/05/89	0	1	
GRBA0287	No	01075	SILVER, DISSOLVED (UG/L AS AG)	07/12/80-07/12/80	0	1	
GRBA0305	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	05/24/89-05/24/89	0	1	
GRBA0306	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	03/03/89-03/03/89	0	1	
GRBA0307	No	01075	SILVER, DISSOLVED (UG/L AS AG)	07/12/80-07/12/80	0	1	
GRBA0322	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	08/27/87-10/25/89	2	3	
GRBA0333	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	05/28/89-05/28/89	0	1	
GRBA0334	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	05/31/89-05/31/89	0	2	
GRBA0337	No	01075	SILVER, DISSOLVED (UG/L AS AG)	07/10/80-07/10/80	0	1	
GRBA0338	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	07/10/80-07/10/80	0	1	
GRBA0344	No	01075	SILVER, DISSOLVED (UG/L AS AG)	07/10/80-07/10/80	0	1	
GRBA0346	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	05/28/89-05/28/89	0	1	
GRBA0349	No	01075	SILVER, DISSOLVED (UG/L AS AG)	07/10/80-07/10/80	0	1	
GRBA0353	No	01075	SILVER, DISSOLVED (UG/L AS AG)	07/06/80-07/06/80	0	1	
GRBA0355	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	05/28/89-05/28/89	0	1	
GRBA0358	No	01075	SILVER, DISSOLVED (UG/L AS AG)	07/12/80-07/12/80	0	1	
GRBA0361	No	01075	SILVER, DISSOLVED (UG/L AS AG)	07/12/80-07/12/80	0	1	
GRBA0362	No	01075	SILVER, DISSOLVED (UG/L AS AG)	07/12/80-07/12/80	0	1	
GRBA0363	No	01075	SILVER, DISSOLVED (UG/L AS AG)	07/06/80-07/06/80	0	1	
GRBA0364	No	01075	SILVER, DISSOLVED (UG/L AS AG)	07/10/80-07/10/80	0	1	
GRBA0365	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	07/10/80-07/10/80	0	1	
GRBA0366	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	07/10/80-07/10/80	0	1	
GRBA0368	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	07/10/80-07/10/80	0	1	
GRBA0370	No	01075	SILVER, DISSOLVED (UG/L AS AG)	07/12/80-07/12/80	0	1	
GRBA0372	No	01075	SILVER, DISSOLVED (UG/L AS AG)	07/10/80-07/10/80	0	1	
GRBA0374	No	01075	SILVER, DISSOLVED (UG/L AS AG)	07/06/80-07/06/80	0	1	
GRBA0376	No	01075	SILVER, DISSOLVED (UG/L AS AG)	07/10/80-07/10/80	0	1	
GRBA0380	No	01075	SILVER, DISSOLVED (UG/L AS AG)	07/10/80-07/10/80	0	1	
GRBA0383	No	01075	SILVER, DISSOLVED (UG/L AS AG)	07/10/80-07/10/80	0	1	
GRBA0384	No	01075	SILVER, DISSOLVED (UG/L AS AG)	07/12/80-07/12/80	0	1	
GRBA0385	No	01075	SILVER, DISSOLVED (UG/L AS AG)	07/10/80-07/10/80	0	1	
GRBA0386	No	01075	SILVER, DISSOLVED (UG/L AS AG)	07/10/80-07/10/80	0	1	
GRBA0389	No	01075	SILVER, DISSOLVED (UG/L AS AG)	07/10/80-07/10/80	0	1	
GRBA0391	No	01075	SILVER, DISSOLVED (UG/L AS AG)	07/12/80-07/12/80	0	1	
GRBA0396	No	01075	SILVER, DISSOLVED (UG/L AS AG)	07/10/80-07/10/80	0	1	
GRBA0397	No	01075	SILVER, DISSOLVED (UG/L AS AG)	07/10/80-07/10/80	0	1	

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

Station/Parameter Period of Record Tabulation
From 08/23/66 To 10/28/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GRBA0398	No	01075	SILVER, DISSOLVED (UG/L AS AG)	07/12/80-07/12/80	0	1	
GRBA0399	No	01075	SILVER, DISSOLVED (UG/L AS AG)	07/10/80-07/10/80	0	1	
GRBA0400	No	01075	SILVER, DISSOLVED (UG/L AS AG)	07/09/80-07/09/80	0	1	
GRBA0401	No	01075	SILVER, DISSOLVED (UG/L AS AG)	07/11/80-07/11/80	0	1	
GRBA0402	No	01075	SILVER, DISSOLVED (UG/L AS AG)	07/09/80-07/09/80	0	1	
GRBA0403	No	01075	SILVER, DISSOLVED (UG/L AS AG)	07/09/80-07/09/80	0	1	
GRBA0404	No	01075	SILVER, DISSOLVED (UG/L AS AG)	07/11/80-07/11/80	0	1	
GRBA0405	No	01075	SILVER, DISSOLVED (UG/L AS AG)	07/09/80-07/09/80	0	1	
GRBA0406	No	01075	SILVER, DISSOLVED (UG/L AS AG)	07/10/80-07/10/80	0	1	
GRBA0407	No	01075	SILVER, DISSOLVED (UG/L AS AG)	07/11/80-07/11/80	0	1	
GRBA0409	No	01075	SILVER, DISSOLVED (UG/L AS AG)	07/11/80-07/11/80	0	1	
GRBA0410	No	01075	SILVER, DISSOLVED (UG/L AS AG)	07/08/80-07/08/80	0	1	
GRBA0412	No	01075	SILVER, DISSOLVED (UG/L AS AG)	07/11/80-07/11/80	0	1	
GRBA0415	No	01075	SILVER, DISSOLVED (UG/L AS AG)	07/04/80-07/04/80	0	1	
GRBA0417	No	01075	SILVER, DISSOLVED (UG/L AS AG)	07/08/80-07/08/80	0	1	
GRBA0418	No	01075	SILVER, DISSOLVED (UG/L AS AG)	07/08/80-07/08/80	0	1	
GRBA0419	No	01075	SILVER, DISSOLVED (UG/L AS AG)	07/04/80-07/04/80	0	1	
GRBA0420	No	01075	SILVER, DISSOLVED (UG/L AS AG)	07/04/80-07/04/80	0	1	
GRBA0422	No	01075	SILVER, DISSOLVED (UG/L AS AG)	07/11/80-07/11/80	0	1	
GRBA0423	No	01075	SILVER, DISSOLVED (UG/L AS AG)	07/04/80-07/04/80	0	1	
GRBA0425	No	01075	SILVER, DISSOLVED (UG/L AS AG)	07/08/80-07/08/80	0	1	
GRBA0426	No	01075	SILVER, DISSOLVED (UG/L AS AG)	07/04/80-07/04/80	0	1	
GRBA0428	No	01075	SILVER, DISSOLVED (UG/L AS AG)	07/08/80-07/08/80	0	1	
GRBA0078	No	01077	SILVER, TOTAL (UG/L AS AG)	03/25/82-11/16/88	6	9	
GRBA0282	Yes	01077	SILVER, TOTAL (UG/L AS AG)	01/22/90-01/22/90	0	1	
GRBA0313	Yes	01077	SILVER, TOTAL (UG/L AS AG)	07/22/87-07/22/87	0	1	
GRBA0316	Yes	01077	SILVER, TOTAL (UG/L AS AG)	06/09/86-06/09/86	0	1	
GRBA0375	No	01077	SILVER, TOTAL (UG/L AS AG)	07/06/80-07/06/80	0	1	
GRBA0381	No	01077	SILVER, TOTAL (UG/L AS AG)	07/06/80-07/06/80	0	1	
GRBA0382	No	01077	SILVER, TOTAL (UG/L AS AG)	07/06/80-07/06/80	0	1	
GRBA0392	No	01077	SILVER, TOTAL (UG/L AS AG)	07/12/80-07/12/80	0	1	
GRBA0411	No	01077	SILVER, TOTAL (UG/L AS AG)	07/11/80-07/11/80	0	1	
GRBA0413	No	01077	SILVER, TOTAL (UG/L AS AG)	07/08/80-07/08/80	0	1	
GRBA0001	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/08/80-07/08/80	0	1	
GRBA0004	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/08/80-07/08/80	0	1	
GRBA0008	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/09/80-07/09/80	0	1	
GRBA0012	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/15/80-07/15/80	0	1	
GRBA0032	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/19/92-08/19/92	0	1	
GRBA0037	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/09/80-07/09/80	0	1	
GRBA0057	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/30/92-08/30/92	0	1	
GRBA0088	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/27/92-08/27/92	0	1	
GRBA0097	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/07/80-07/07/80	0	1	
GRBA0099	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/20/80-07/20/80	0	1	
GRBA0101	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/20/80-07/20/80	0	1	
GRBA0115	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/27/92-08/27/92	0	1	
GRBA0121	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/09/80-07/09/80	0	1	
GRBA0123	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/21/92-08/21/92	0	1	
GRBA0132	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/26/92-08/26/92	0	1	
GRBA0134	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/19/80-07/19/80	0	1	
GRBA0147	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/07/80-07/07/80	0	1	
GRBA0151	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/19/80-07/19/80	0	1	
GRBA0154	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/18/92-08/18/92	0	1	
GRBA0157	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/18/92-08/18/92	0	1	
GRBA0174	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/13/80-07/13/80	0	1	
GRBA0177	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/29/92-08/29/92	0	1	
GRBA0193	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	06/15/92-06/15/92	0	1	
GRBA0199	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/29/92-08/29/92	0	1	
GRBA0219	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/06/80-07/06/80	0	1	
GRBA0223	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/23/92-08/23/92	0	1	
GRBA0237	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/23/92-08/23/92	0	1	
GRBA0245	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/23/92-08/23/92	0	1	
GRBA0252	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/20/92-08/20/92	0	2	
GRBA0287	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/12/80-07/12/80	0	1	
GRBA0298	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/25/92-08/25/92	0	1	
GRBA0307	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/12/80-07/12/80	0	1	
GRBA0322	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/27/87-10/25/89	2	3	
GRBA0337	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/10/80-07/10/80	0	1	
GRBA0338	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/10/80-07/10/80	0	1	
GRBA0344	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/10/80-07/10/80	0	1	
GRBA0349	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/10/80-07/10/80	0	1	
GRBA0353	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/06/80-07/06/80	0	1	
GRBA0358	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/12/80-07/12/80	0	1	

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

Station/Parameter Period of Record Tabulation
From 08/23/66 To 10/28/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GRBA0361	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/12/80-07/12/80	0	1	
GRBA0362	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/12/80-07/12/80	0	1	
GRBA0363	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/06/80-07/06/80	0	1	
GRBA0364	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/10/80-07/10/80	0	1	
GRBA0365	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/10/80-07/10/80	0	1	
GRBA0366	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/10/80-07/10/80	0	1	
GRBA0368	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/10/80-07/10/80	0	1	
GRBA0370	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/12/80-07/12/80	0	1	
GRBA0372	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/10/80-07/10/80	0	1	
GRBA0374	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/06/80-07/06/80	0	1	
GRBA0376	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/10/80-07/10/80	0	1	
GRBA0378	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/28/92-08/28/92	0	1	
GRBA0380	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/10/80-07/10/80	0	1	
GRBA0383	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/10/80-07/10/80	0	1	
GRBA0384	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/12/80-07/12/80	0	1	
GRBA0385	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/10/80-07/10/80	0	1	
GRBA0386	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/10/80-07/10/80	0	1	
GRBA0389	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/10/80-07/10/80	0	1	
GRBA0391	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/12/80-07/12/80	0	1	
GRBA0394	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/22/92-08/22/92	0	1	
GRBA0396	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/10/80-07/10/80	0	1	
GRBA0397	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/10/80-07/10/80	0	1	
GRBA0398	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/12/80-07/12/80	0	1	
GRBA0399	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/10/80-07/10/80	0	1	
GRBA0400	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/09/80-07/09/80	0	1	
GRBA0401	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/11/80-07/11/80	0	1	
GRBA0402	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/09/80-07/09/80	0	1	
GRBA0403	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/09/80-07/09/80	0	1	
GRBA0404	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/11/80-07/11/80	0	1	
GRBA0405	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/09/80-07/09/80	0	1	
GRBA0406	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/10/80-07/10/80	0	1	
GRBA0407	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/11/80-07/11/80	0	1	
GRBA0409	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/11/80-07/11/80	0	1	
GRBA0410	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/08/80-07/08/80	0	1	
GRBA0412	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/11/80-07/11/80	0	1	
GRBA0415	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/04/80-07/04/80	0	1	
GRBA0417	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/08/80-07/08/80	0	1	
GRBA0418	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/08/80-07/08/80	0	1	
GRBA0419	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/04/80-07/04/80	0	1	
GRBA0420	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/04/80-07/04/80	0	1	
GRBA0422	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/11/80-07/11/80	0	1	
GRBA0423	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/04/80-07/04/80	0	1	
GRBA0425	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/08/80-07/08/80	0	1	
GRBA0426	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/04/80-07/04/80	0	1	
GRBA0428	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/08/80-07/08/80	0	1	
GRBA0375	No	01082	STRONTIUM, TOTAL (UG/L AS SR)	07/06/80-07/06/80	0	1	
GRBA0381	No	01082	STRONTIUM, TOTAL (UG/L AS SR)	07/06/80-07/06/80	0	1	
GRBA0382	No	01082	STRONTIUM, TOTAL (UG/L AS SR)	07/06/80-07/06/80	0	1	
GRBA0392	No	01082	STRONTIUM, TOTAL (UG/L AS SR)	07/12/80-07/12/80	0	1	
GRBA0411	No	01082	STRONTIUM, TOTAL (UG/L AS SR)	07/11/80-07/11/80	0	1	
GRBA0413	No	01082	STRONTIUM, TOTAL (UG/L AS SR)	07/08/80-07/08/80	0	1	
GRBA0001	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	07/08/80-07/08/80	0	1	
GRBA0002	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	07/08/80-07/08/80	0	1	
GRBA0003	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	07/08/80-07/08/80	0	1	
GRBA0004	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	07/08/80-07/08/80	0	1	
GRBA0008	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	07/09/80-07/09/80	0	1	
GRBA0009	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	07/09/80-07/09/80	0	1	
GRBA0011	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	07/15/80-07/15/80	0	1	
GRBA0012	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	07/15/80-07/15/80	0	1	
GRBA0036	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	07/09/80-07/09/80	0	1	
GRBA0037	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	07/09/80-07/09/80	0	1	
GRBA0045	Yes	01085	VANADIUM, DISSOLVED (UG/L AS V)	05/28/89-05/28/89	0	1	
GRBA0054	Yes	01085	VANADIUM, DISSOLVED (UG/L AS V)	05/28/89-05/28/89	0	1	
GRBA0061	Yes	01085	VANADIUM, DISSOLVED (UG/L AS V)	05/28/89-05/28/89	0	1	
GRBA0064	Yes	01085	VANADIUM, DISSOLVED (UG/L AS V)	05/28/89-05/28/89	0	1	
GRBA0070	Yes	01085	VANADIUM, DISSOLVED (UG/L AS V)	05/28/89-05/28/89	0	1	
GRBA0080	Yes	01085	VANADIUM, DISSOLVED (UG/L AS V)	05/27/89-05/27/89	0	1	
GRBA0090	Yes	01085	VANADIUM, DISSOLVED (UG/L AS V)	05/26/89-05/26/89	0	1	
GRBA0096	Yes	01085	VANADIUM, DISSOLVED (UG/L AS V)	05/27/89-05/27/89	0	1	
GRBA0097	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	07/07/80-07/07/80	0	1	
GRBA0098	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	07/07/80-07/07/80	0	1	
GRBA0099	Yes	01085	VANADIUM, DISSOLVED (UG/L AS V)	07/20/80-07/20/80	0	2	

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

Station/Parameter Period of Record Tabulation
From 08/23/66 To 10/28/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GRBA0100	Yes	01085	VANADIUM, DISSOLVED (UG/L AS V)	07/20/80-07/20/80	0	1	
GRBA0101	Yes	01085	VANADIUM, DISSOLVED (UG/L AS V)	07/20/80-07/20/80	0	1	
GRBA0114	Yes	01085	VANADIUM, DISSOLVED (UG/L AS V)	05/27/89-05/27/89	0	1	
GRBA0121	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	07/09/80-07/09/80	0	1	
GRBA0122	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	07/09/80-07/09/80	0	1	
GRBA0130	Yes	01085	VANADIUM, DISSOLVED (UG/L AS V)	05/29/89-05/29/89	0	1	
GRBA0134	Yes	01085	VANADIUM, DISSOLVED (UG/L AS V)	07/19/80-07/19/80	0	2	
GRBA0147	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	07/07/80-07/07/80	0	1	
GRBA0148	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	07/07/80-07/07/80	0	1	
GRBA0151	Yes	01085	VANADIUM, DISSOLVED (UG/L AS V)	07/19/80-07/19/80	0	1	
GRBA0152	Yes	01085	VANADIUM, DISSOLVED (UG/L AS V)	07/19/80-07/19/80	0	1	
GRBA0163	Yes	01085	VANADIUM, DISSOLVED (UG/L AS V)	05/30/89-05/30/89	0	1	
GRBA0174	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	07/13/80-07/13/80	0	2	
GRBA0210	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	05/31/89-05/31/89	0	1	
GRBA0212	Yes	01085	VANADIUM, DISSOLVED (UG/L AS V)	05/23/89-05/23/89	0	1	
GRBA0217	Yes	01085	VANADIUM, DISSOLVED (UG/L AS V)	02/28/89-02/28/89	0	1	
GRBA0219	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	07/06/80-07/06/80	0	1	
GRBA0225	Yes	01085	VANADIUM, DISSOLVED (UG/L AS V)	05/23/89-05/23/89	0	2	
GRBA0235	Yes	01085	VANADIUM, DISSOLVED (UG/L AS V)	05/23/89-05/23/89	0	1	
GRBA0248	Yes	01085	VANADIUM, DISSOLVED (UG/L AS V)	03/01/89-03/01/89	0	1	
GRBA0251	Yes	01085	VANADIUM, DISSOLVED (UG/L AS V)	05/24/89-05/24/89	0	1	
GRBA0254	Yes	01085	VANADIUM, DISSOLVED (UG/L AS V)	05/31/89-05/31/89	0	1	
GRBA0257	Yes	01085	VANADIUM, DISSOLVED (UG/L AS V)	03/01/89-03/01/89	0	2	
GRBA0281	Yes	01085	VANADIUM, DISSOLVED (UG/L AS V)	03/05/89-03/05/89	0	1	
GRBA0287	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	07/12/80-07/12/80	0	1	
GRBA0305	Yes	01085	VANADIUM, DISSOLVED (UG/L AS V)	05/24/89-05/24/89	0	1	
GRBA0306	Yes	01085	VANADIUM, DISSOLVED (UG/L AS V)	03/03/89-03/03/89	0	1	
GRBA0307	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	07/12/80-07/12/80	0	1	
GRBA0322	Yes	01085	VANADIUM, DISSOLVED (UG/L AS V)	08/27/87-10/25/89	2	3	
GRBA0333	Yes	01085	VANADIUM, DISSOLVED (UG/L AS V)	05/28/89-05/28/89	0	1	
GRBA0334	Yes	01085	VANADIUM, DISSOLVED (UG/L AS V)	05/31/89-05/31/89	0	2	
GRBA0337	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	07/10/80-07/10/80	0	1	
GRBA0338	Yes	01085	VANADIUM, DISSOLVED (UG/L AS V)	07/10/80-07/10/80	0	1	
GRBA0344	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	07/10/80-07/10/80	0	1	
GRBA0346	Yes	01085	VANADIUM, DISSOLVED (UG/L AS V)	05/28/89-05/28/89	0	1	
GRBA0348	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	07/10/80-07/10/80	0	1	
GRBA0349	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	07/10/80-07/10/80	0	1	
GRBA0353	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	07/06/80-07/06/80	0	1	
GRBA0355	Yes	01085	VANADIUM, DISSOLVED (UG/L AS V)	05/28/89-05/28/89	0	1	
GRBA0358	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	07/12/80-07/12/80	0	1	
GRBA0360	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	07/12/80-07/12/80	0	1	
GRBA0361	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	07/12/80-07/12/80	0	1	
GRBA0362	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	07/12/80-07/12/80	0	1	
GRBA0363	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	07/06/80-07/06/80	0	1	
GRBA0364	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	07/10/80-07/10/80	0	1	
GRBA0365	Yes	01085	VANADIUM, DISSOLVED (UG/L AS V)	07/10/80-07/10/80	0	1	
GRBA0366	Yes	01085	VANADIUM, DISSOLVED (UG/L AS V)	07/10/80-07/10/80	0	1	
GRBA0367	Yes	01085	VANADIUM, DISSOLVED (UG/L AS V)	07/10/80-07/10/80	0	1	
GRBA0368	Yes	01085	VANADIUM, DISSOLVED (UG/L AS V)	07/10/80-07/10/80	0	1	
GRBA0369	Yes	01085	VANADIUM, DISSOLVED (UG/L AS V)	07/10/80-07/10/80	0	1	
GRBA0370	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	07/12/80-07/12/80	0	1	
GRBA0372	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	07/10/80-07/10/80	0	1	
GRBA0373	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	07/10/80-07/10/80	0	1	
GRBA0374	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	07/06/80-07/06/80	0	1	
GRBA0376	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	07/10/80-07/10/80	0	1	
GRBA0380	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	07/10/80-07/10/80	0	1	
GRBA0383	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	07/10/80-07/10/80	0	1	
GRBA0384	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	07/12/80-07/12/80	0	1	
GRBA0385	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	07/10/80-07/10/80	0	2	
GRBA0386	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	07/10/80-07/10/80	0	1	
GRBA0389	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	07/10/80-07/10/80	0	1	
GRBA0391	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	07/12/80-07/12/80	0	1	
GRBA0396	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	07/10/80-07/10/80	0	1	
GRBA0397	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	07/10/80-07/10/80	0	1	
GRBA0398	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	07/12/80-07/12/80	0	1	
GRBA0399	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	07/10/80-07/10/80	0	1	
GRBA0400	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	07/09/80-07/09/80	0	1	
GRBA0401	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	07/11/80-07/11/80	0	1	
GRBA0402	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	07/09/80-07/09/80	0	1	
GRBA0403	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	07/09/80-07/09/80	0	1	
GRBA0404	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	07/11/80-07/11/80	0	1	
GRBA0405	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	07/09/80-07/09/80	0	1	

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

Station/Parameter Period of Record Tabulation
From 08/23/66 To 10/28/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GRBA0406	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	07/10/80-07/10/80	0	1	
GRBA0407	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	07/11/80-07/11/80	0	1	
GRBA0408	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	07/11/80-07/11/80	0	1	
GRBA0409	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	07/11/80-07/11/80	0	1	
GRBA0410	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	07/08/80-07/08/80	0	1	
GRBA0412	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	07/11/80-07/11/80	0	1	
GRBA0414	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	07/04/80-07/04/80	0	1	
GRBA0415	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	07/04/80-07/04/80	0	1	
GRBA0416	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	07/08/80-07/08/80	0	1	
GRBA0417	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	07/08/80-07/08/80	0	1	
GRBA0418	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	07/08/80-07/08/80	0	1	
GRBA0419	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	07/04/80-07/04/80	0	1	
GRBA0420	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	07/04/80-07/04/80	0	1	
GRBA0421	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	07/04/80-07/04/80	0	1	
GRBA0422	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	07/11/80-07/11/80	0	1	
GRBA0423	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	07/04/80-07/04/80	0	1	
GRBA0424	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	07/08/80-07/08/80	0	1	
GRBA0425	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	07/08/80-07/08/80	0	1	
GRBA0426	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	07/04/80-07/04/80	0	1	
GRBA0427	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	07/04/80-07/04/80	0	1	
GRBA0428	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	07/08/80-07/08/80	0	1	
GRBA0375	No	01087	VANADIUM, TOTAL (UG/L AS V)	07/06/80-07/06/80	0	1	
GRBA0381	No	01087	VANADIUM, TOTAL (UG/L AS V)	07/06/80-07/06/80	0	1	
GRBA0382	No	01087	VANADIUM, TOTAL (UG/L AS V)	07/06/80-07/06/80	0	1	
GRBA0392	No	01087	VANADIUM, TOTAL (UG/L AS V)	07/12/80-07/12/80	0	1	
GRBA0411	No	01087	VANADIUM, TOTAL (UG/L AS V)	07/11/80-07/11/80	0	1	
GRBA0413	No	01087	VANADIUM, TOTAL (UG/L AS V)	07/08/80-07/08/80	0	1	
GRBA0001	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/08/80-07/08/80	0	1	
GRBA0004	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/08/80-07/08/80	0	1	
GRBA0008	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/09/80-07/09/80	0	1	
GRBA0012	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/15/80-07/15/80	0	1	
GRBA0032	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/19/92-08/19/92	0	1	
GRBA0037	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/09/80-07/09/80	0	1	
GRBA0045	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	05/28/89-05/28/89	0	1	
GRBA0054	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	05/28/89-05/28/89	0	1	
GRBA0057	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/30/92-08/30/92	0	1	
GRBA0061	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	05/28/89-05/28/89	0	1	
GRBA0064	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	05/28/89-05/28/89	0	1	
GRBA0070	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	05/28/89-05/28/89	0	1	
GRBA0080	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	05/27/89-05/27/89	0	1	
GRBA0088	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/27/92-08/27/92	0	1	
GRBA0090	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	05/26/89-05/26/89	0	1	
GRBA0096	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	05/27/89-05/27/89	0	1	
GRBA0097	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/07/80-07/07/80	0	1	
GRBA0099	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/20/80-07/20/80	0	1	
GRBA0101	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/20/80-07/20/80	0	1	
GRBA0114	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	05/27/89-05/27/89	0	1	
GRBA0115	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/27/92-08/27/92	0	1	
GRBA0121	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/09/80-07/09/80	0	1	
GRBA0123	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/21/92-08/21/92	0	1	
GRBA0130	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	05/29/89-05/29/89	0	1	
GRBA0132	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/26/92-08/26/92	0	1	
GRBA0134	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/19/80-07/19/80	0	1	
GRBA0147	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/07/80-07/07/80	0	1	
GRBA0151	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/19/80-07/19/80	0	1	
GRBA0154	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/18/92-08/18/92	0	1	
GRBA0157	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/18/92-08/18/92	0	1	
GRBA0163	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	05/30/89-05/30/89	0	1	
GRBA0172	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	04/15/88-04/15/88	0	1	
GRBA0174	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/13/80-07/13/80	0	1	
GRBA0177	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/29/92-08/29/92	0	1	
GRBA0193	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	06/15/92-06/15/92	0	1	
GRBA0199	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/29/92-08/29/92	0	1	
GRBA0210	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	05/31/89-05/31/89	0	1	
GRBA0212	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	05/23/89-05/23/89	0	1	
GRBA0217	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	02/28/89-02/28/89	0	1	
GRBA0219	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/06/80-07/06/80	0	1	
GRBA0223	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/23/92-08/23/92	0	1	
GRBA0225	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	05/23/89-05/23/89	0	2	
GRBA0235	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	05/23/89-05/23/89	0	1	
GRBA0237	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/23/92-08/23/92	0	1	
GRBA0245	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/23/92-08/23/92	0	1	

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

Station/Parameter Period of Record Tabulation
From 08/23/66 To 10/28/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GRBA0248	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	03/01/89-03/01/89	0	1	
GRBA0251	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	05/24/89-05/24/89	0	1	
GRBA0252	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/20/92-08/20/92	0	2	
GRBA0254	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	05/31/89-05/31/89	0	1	
GRBA0257	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	03/01/89-03/01/89	0	2	
GRBA0281	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	03/05/89-03/05/89	0	1	
GRBA0287	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/12/80-07/12/80	0	1	
GRBA0298	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/25/92-08/25/92	0	1	
GRBA0305	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	05/24/89-05/24/89	0	1	
GRBA0306	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	03/03/89-03/03/89	0	1	
GRBA0307	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/12/80-07/12/80	0	1	
GRBA0322	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/27/87-10/25/89	2	3	
GRBA0333	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	05/28/89-05/28/89	0	1	
GRBA0334	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	05/31/89-05/31/89	0	2	
GRBA0337	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/10/80-07/10/80	0	1	
GRBA0338	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/10/80-07/10/80	0	1	
GRBA0344	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/10/80-07/10/80	0	1	
GRBA0346	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	05/28/89-05/28/89	0	1	
GRBA0349	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/10/80-07/10/80	0	1	
GRBA0353	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/06/80-07/06/80	0	1	
GRBA0355	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	05/28/89-05/28/89	0	1	
GRBA0358	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/12/80-07/12/80	0	1	
GRBA0361	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/12/80-07/12/80	0	1	
GRBA0362	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/12/80-07/12/80	0	1	
GRBA0363	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/06/80-07/06/80	0	1	
GRBA0364	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/10/80-07/10/80	0	1	
GRBA0365	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/10/80-07/10/80	0	1	
GRBA0366	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/10/80-07/10/80	0	1	
GRBA0368	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/10/80-07/10/80	0	1	
GRBA0370	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/12/80-07/12/80	0	1	
GRBA0372	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/10/80-07/10/80	0	1	
GRBA0374	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/06/80-07/06/80	0	1	
GRBA0376	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/10/80-07/10/80	0	1	
GRBA0378	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/28/92-08/28/92	0	1	
GRBA0380	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/10/80-07/10/80	0	1	
GRBA0383	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/10/80-07/10/80	0	1	
GRBA0384	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/12/80-07/12/80	0	1	
GRBA0385	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/10/80-07/10/80	0	1	
GRBA0386	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/10/80-07/10/80	0	1	
GRBA0389	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/10/80-07/10/80	0	1	
GRBA0391	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/12/80-07/12/80	0	1	
GRBA0394	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/22/92-08/22/92	0	1	
GRBA0396	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/10/80-07/10/80	0	1	
GRBA0397	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/10/80-07/10/80	0	1	
GRBA0398	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/12/80-07/12/80	0	1	
GRBA0399	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/10/80-07/10/80	0	1	
GRBA0400	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/09/80-07/09/80	0	1	
GRBA0401	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/11/80-07/11/80	0	1	
GRBA0402	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/09/80-07/09/80	0	1	
GRBA0403	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/09/80-07/09/80	0	1	
GRBA0404	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/11/80-07/11/80	0	1	
GRBA0405	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/09/80-07/09/80	0	1	
GRBA0406	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/10/80-07/10/80	0	1	
GRBA0407	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/11/80-07/11/80	0	1	
GRBA0409	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/11/80-07/11/80	0	1	
GRBA0410	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/08/80-07/08/80	0	1	
GRBA0412	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/11/80-07/11/80	0	1	
GRBA0415	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/04/80-07/04/80	0	1	
GRBA0417	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/08/80-07/08/80	0	1	
GRBA0418	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/08/80-07/08/80	0	1	
GRBA0419	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/04/80-07/04/80	0	1	
GRBA0420	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/04/80-07/04/80	0	1	
GRBA0422	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/11/80-07/11/80	0	1	
GRBA0423	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/04/80-07/04/80	0	1	
GRBA0425	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/08/80-07/08/80	0	1	
GRBA0426	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/04/80-07/04/80	0	1	
GRBA0428	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/08/80-07/08/80	0	1	
GRBA0078	No	01092	ZINC, TOTAL (UG/L AS ZN)	03/25/82-11/16/88	6	9	
GRBA0167	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	07/22/88-07/22/88	0	1	
GRBA0168	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	06/30/89-06/30/89	0	1	
GRBA0282	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	01/22/90-01/22/90	0	1	
GRBA0291	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	07/22/88-07/22/88	0	1	

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

Station/Parameter Period of Record Tabulation
From 08/23/66 To 10/28/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GRBA0292	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	06/30/89-06/30/89	0	1	
GRBA0313	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	07/22/87-07/22/87	0	1	
GRBA0314	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	06/30/89-06/30/89	0	1	
GRBA0316	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	06/09/86-06/09/86	0	1	
GRBA0323	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	07/22/88-07/22/88	0	1	
GRBA0324	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	06/30/89-06/30/89	0	1	
GRBA0375	No	01092	ZINC, TOTAL (UG/L AS ZN)	07/06/80-07/06/80	0	1	
GRBA0381	No	01092	ZINC, TOTAL (UG/L AS ZN)	07/06/80-07/06/80	0	1	
GRBA0382	No	01092	ZINC, TOTAL (UG/L AS ZN)	07/06/80-07/06/80	0	1	
GRBA0392	No	01092	ZINC, TOTAL (UG/L AS ZN)	07/12/80-07/12/80	0	1	
GRBA0411	No	01092	ZINC, TOTAL (UG/L AS ZN)	07/11/80-07/11/80	0	1	
GRBA0413	No	01092	ZINC, TOTAL (UG/L AS ZN)	07/08/80-07/08/80	0	1	
GRBA0032	Yes	01095	ANTIMONY, DISSOLVED (UG/L AS SB)	08/19/92-08/19/92	0	1	
GRBA0045	Yes	01095	ANTIMONY, DISSOLVED (UG/L AS SB)	05/28/89-05/28/89	0	1	
GRBA0054	Yes	01095	ANTIMONY, DISSOLVED (UG/L AS SB)	05/28/89-05/28/89	0	1	
GRBA0057	Yes	01095	ANTIMONY, DISSOLVED (UG/L AS SB)	08/30/92-08/30/92	0	1	
GRBA0061	Yes	01095	ANTIMONY, DISSOLVED (UG/L AS SB)	05/28/89-05/28/89	0	1	
GRBA0064	Yes	01095	ANTIMONY, DISSOLVED (UG/L AS SB)	05/28/89-05/28/89	0	1	
GRBA0070	Yes	01095	ANTIMONY, DISSOLVED (UG/L AS SB)	05/28/89-05/28/89	0	1	
GRBA0080	Yes	01095	ANTIMONY, DISSOLVED (UG/L AS SB)	05/27/89-05/27/89	0	1	
GRBA0088	Yes	01095	ANTIMONY, DISSOLVED (UG/L AS SB)	08/27/92-08/27/92	0	1	
GRBA0090	Yes	01095	ANTIMONY, DISSOLVED (UG/L AS SB)	05/26/89-05/26/89	0	1	
GRBA0096	Yes	01095	ANTIMONY, DISSOLVED (UG/L AS SB)	05/27/89-05/27/89	0	1	
GRBA0114	Yes	01095	ANTIMONY, DISSOLVED (UG/L AS SB)	05/27/89-05/27/89	0	1	
GRBA0115	Yes	01095	ANTIMONY, DISSOLVED (UG/L AS SB)	08/27/92-08/27/92	0	1	
GRBA0123	Yes	01095	ANTIMONY, DISSOLVED (UG/L AS SB)	08/21/92-08/21/92	0	1	
GRBA0130	Yes	01095	ANTIMONY, DISSOLVED (UG/L AS SB)	05/29/89-05/29/89	0	1	
GRBA0132	Yes	01095	ANTIMONY, DISSOLVED (UG/L AS SB)	08/26/92-08/26/92	0	1	
GRBA0154	Yes	01095	ANTIMONY, DISSOLVED (UG/L AS SB)	08/18/92-08/18/92	0	1	
GRBA0157	Yes	01095	ANTIMONY, DISSOLVED (UG/L AS SB)	08/18/92-08/18/92	0	1	
GRBA0163	Yes	01095	ANTIMONY, DISSOLVED (UG/L AS SB)	05/30/89-05/30/89	0	1	
GRBA0177	Yes	01095	ANTIMONY, DISSOLVED (UG/L AS SB)	08/29/92-08/29/92	0	1	
GRBA0193	Yes	01095	ANTIMONY, DISSOLVED (UG/L AS SB)	06/15/92-06/15/92	0	1	
GRBA0199	Yes	01095	ANTIMONY, DISSOLVED (UG/L AS SB)	08/29/92-08/29/92	0	1	
GRBA0210	No	01095	ANTIMONY, DISSOLVED (UG/L AS SB)	05/31/89-05/31/89	0	1	
GRBA0212	Yes	01095	ANTIMONY, DISSOLVED (UG/L AS SB)	05/23/89-05/23/89	0	1	
GRBA0217	Yes	01095	ANTIMONY, DISSOLVED (UG/L AS SB)	02/28/89-02/28/89	0	1	
GRBA0223	Yes	01095	ANTIMONY, DISSOLVED (UG/L AS SB)	08/23/92-08/23/92	0	1	
GRBA0225	Yes	01095	ANTIMONY, DISSOLVED (UG/L AS SB)	05/23/89-05/23/89	0	2	
GRBA0235	Yes	01095	ANTIMONY, DISSOLVED (UG/L AS SB)	05/23/89-05/23/89	0	1	
GRBA0237	Yes	01095	ANTIMONY, DISSOLVED (UG/L AS SB)	08/23/92-08/23/92	0	1	
GRBA0245	Yes	01095	ANTIMONY, DISSOLVED (UG/L AS SB)	08/23/92-08/23/92	0	1	
GRBA0248	Yes	01095	ANTIMONY, DISSOLVED (UG/L AS SB)	03/01/89-03/01/89	0	1	
GRBA0251	Yes	01095	ANTIMONY, DISSOLVED (UG/L AS SB)	05/24/89-05/24/89	0	1	
GRBA0252	Yes	01095	ANTIMONY, DISSOLVED (UG/L AS SB)	08/20/92-08/20/92	0	2	
GRBA0254	Yes	01095	ANTIMONY, DISSOLVED (UG/L AS SB)	05/31/89-05/31/89	0	1	
GRBA0257	Yes	01095	ANTIMONY, DISSOLVED (UG/L AS SB)	03/01/89-03/01/89	0	2	
GRBA0281	Yes	01095	ANTIMONY, DISSOLVED (UG/L AS SB)	03/05/89-03/05/89	0	1	
GRBA0298	Yes	01095	ANTIMONY, DISSOLVED (UG/L AS SB)	08/25/92-08/25/92	0	1	
GRBA0305	Yes	01095	ANTIMONY, DISSOLVED (UG/L AS SB)	05/24/89-05/24/89	0	1	
GRBA0306	Yes	01095	ANTIMONY, DISSOLVED (UG/L AS SB)	03/03/89-03/03/89	0	1	
GRBA0333	Yes	01095	ANTIMONY, DISSOLVED (UG/L AS SB)	05/28/89-05/28/89	0	1	
GRBA0334	Yes	01095	ANTIMONY, DISSOLVED (UG/L AS SB)	05/31/89-05/31/89	0	2	
GRBA0346	Yes	01095	ANTIMONY, DISSOLVED (UG/L AS SB)	05/28/89-05/28/89	0	1	
GRBA0355	Yes	01095	ANTIMONY, DISSOLVED (UG/L AS SB)	05/28/89-05/28/89	0	1	
GRBA0378	Yes	01095	ANTIMONY, DISSOLVED (UG/L AS SB)	08/28/92-08/28/92	0	1	
GRBA0394	Yes	01095	ANTIMONY, DISSOLVED (UG/L AS SB)	08/22/92-08/22/92	0	1	
GRBA0032	Yes	01100	TIN, DISSOLVED (UG/L AS SN)	08/19/92-08/19/92	0	1	
GRBA0057	Yes	01100	TIN, DISSOLVED (UG/L AS SN)	08/30/92-08/30/92	0	1	
GRBA0088	Yes	01100	TIN, DISSOLVED (UG/L AS SN)	08/27/92-08/27/92	0	1	
GRBA0115	Yes	01100	TIN, DISSOLVED (UG/L AS SN)	08/27/92-08/27/92	0	1	
GRBA0123	Yes	01100	TIN, DISSOLVED (UG/L AS SN)	08/21/92-08/21/92	0	1	
GRBA0132	Yes	01100	TIN, DISSOLVED (UG/L AS SN)	08/26/92-08/26/92	0	1	
GRBA0154	Yes	01100	TIN, DISSOLVED (UG/L AS SN)	08/18/92-08/18/92	0	1	
GRBA0157	Yes	01100	TIN, DISSOLVED (UG/L AS SN)	08/18/92-08/18/92	0	1	
GRBA0177	Yes	01100	TIN, DISSOLVED (UG/L AS SN)	08/29/92-08/29/92	0	1	
GRBA0193	Yes	01100	TIN, DISSOLVED (UG/L AS SN)	06/15/92-06/15/92	0	1	
GRBA0199	Yes	01100	TIN, DISSOLVED (UG/L AS SN)	08/29/92-08/29/92	0	1	
GRBA0223	Yes	01100	TIN, DISSOLVED (UG/L AS SN)	08/23/92-08/23/92	0	1	
GRBA0237	Yes	01100	TIN, DISSOLVED (UG/L AS SN)	08/23/92-08/23/92	0	1	
GRBA0245	Yes	01100	TIN, DISSOLVED (UG/L AS SN)	08/23/92-08/23/92	0	1	
GRBA0252	Yes	01100	TIN, DISSOLVED (UG/L AS SN)	08/20/92-08/20/92	0	2	

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

Station/Parameter Period of Record Tabulation
From 08/23/66 To 10/28/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GRBA0298	Yes	01100	TIN, DISSOLVED (UG/L AS SN)	08/25/92-08/25/92	0	1	
GRBA0378	Yes	01100	TIN, DISSOLVED (UG/L AS SN)	08/28/92-08/28/92	0	1	
GRBA0394	Yes	01100	TIN, DISSOLVED (UG/L AS SN)	08/22/92-08/22/92	0	1	
GRBA0375	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	07/06/80-07/06/80	0	1	
GRBA0381	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	07/06/80-07/06/80	0	1	
GRBA0382	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	07/06/80-07/06/80	0	1	
GRBA0392	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	07/12/80-07/12/80	0	1	
GRBA0411	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	07/11/80-07/11/80	0	1	
GRBA0413	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	07/08/80-07/08/80	0	1	
GRBA0001	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/08/80-07/08/80	0	1	
GRBA0002	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/08/80-07/08/80	0	1	
GRBA0003	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/08/80-07/08/80	0	1	
GRBA0004	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/08/80-07/08/80	0	1	
GRBA0008	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/09/80-07/09/80	0	1	
GRBA0009	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/09/80-07/09/80	0	1	
GRBA0011	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/15/80-07/15/80	0	1	
GRBA0012	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/15/80-07/15/80	0	1	
GRBA0032	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/19/92-08/19/92	0	1	
GRBA0036	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/09/80-07/09/80	0	1	
GRBA0037	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/09/80-07/09/80	0	1	
GRBA0045	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	05/28/89-05/28/89	0	1	
GRBA0054	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	05/28/89-05/28/89	0	1	
GRBA0057	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/30/92-08/30/92	0	1	
GRBA0061	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	05/28/89-05/28/89	0	1	
GRBA0064	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	05/28/89-05/28/89	0	1	
GRBA0070	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	05/28/89-05/28/89	0	1	
GRBA0080	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	05/27/89-05/27/89	0	1	
GRBA0088	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/27/92-08/27/92	0	1	
GRBA0090	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	05/26/89-05/26/89	0	1	
GRBA0096	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	05/27/89-05/27/89	0	1	
GRBA0097	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/07/80-07/07/80	0	1	
GRBA0098	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/07/80-07/07/80	0	1	
GRBA0099	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/20/80-07/20/80	0	2	
GRBA0100	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/20/80-07/20/80	0	1	
GRBA0101	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/20/80-07/20/80	0	1	
GRBA0114	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	05/27/89-05/27/89	0	1	
GRBA0115	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/27/92-08/27/92	0	1	
GRBA0121	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/09/80-07/09/80	0	1	
GRBA0122	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/09/80-07/09/80	0	1	
GRBA0123	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/21/92-08/21/92	0	1	
GRBA0130	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	05/29/89-05/29/89	0	1	
GRBA0132	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/26/92-08/26/92	0	1	
GRBA0134	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/19/80-07/19/80	0	2	
GRBA0147	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/07/80-07/07/80	0	1	
GRBA0148	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/07/80-07/07/80	0	1	
GRBA0151	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/19/80-07/19/80	0	1	
GRBA0152	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/19/80-07/19/80	0	1	
GRBA0154	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/18/92-08/18/92	0	1	
GRBA0157	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/18/92-08/18/92	0	1	
GRBA0163	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	05/30/89-05/30/89	0	1	
GRBA0174	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/13/80-07/13/80	0	2	
GRBA0177	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/29/92-08/29/92	0	1	
GRBA0193	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	06/15/92-06/15/92	0	1	
GRBA0199	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/29/92-08/29/92	0	1	
GRBA0210	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	05/31/89-05/31/89	0	1	
GRBA0212	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	05/23/89-05/23/89	0	1	
GRBA0217	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	02/28/89-02/28/89	0	1	
GRBA0219	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/06/80-07/06/80	0	1	
GRBA0223	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/23/92-08/23/92	0	1	
GRBA0225	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	05/23/89-05/23/89	0	2	
GRBA0235	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	05/23/89-05/23/89	0	1	
GRBA0237	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/23/92-08/23/92	0	1	
GRBA0245	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/23/92-08/23/92	0	1	
GRBA0248	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	03/01/89-03/01/89	0	1	
GRBA0251	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	05/24/89-05/24/89	0	1	
GRBA0252	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/20/92-08/20/92	0	2	
GRBA0254	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	05/31/89-05/31/89	0	1	
GRBA0257	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	03/01/89-03/01/89	0	2	
GRBA0281	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	03/05/89-03/05/89	0	1	
GRBA0287	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/12/80-07/12/80	0	1	
GRBA0298	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/25/92-08/25/92	0	1	
GRBA0305	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	05/24/89-05/24/89	0	1	

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

Station/Parameter Period of Record Tabulation
From 08/23/66 To 10/28/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GRBA0306	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	03/03/89-03/03/89	0	1	
GRBA0307	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/12/80-07/12/80	0	1	
GRBA0322	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/27/87-10/25/89	2	3	
GRBA0333	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	05/28/89-05/28/89	0	1	
GRBA0334	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	05/31/89-05/31/89	0	2	
GRBA0337	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/10/80-07/10/80	0	1	
GRBA0338	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/10/80-07/10/80	0	1	
GRBA0344	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/10/80-07/10/80	0	1	
GRBA0346	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	05/28/89-05/28/89	0	1	
GRBA0348	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/10/80-07/10/80	0	1	
GRBA0349	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/10/80-07/10/80	0	1	
GRBA0353	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/06/80-07/06/80	0	1	
GRBA0355	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	05/28/89-05/28/89	0	1	
GRBA0358	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/12/80-07/12/80	0	1	
GRBA0360	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/12/80-07/12/80	0	1	
GRBA0361	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/12/80-07/12/80	0	1	
GRBA0362	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/12/80-07/12/80	0	1	
GRBA0363	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/06/80-07/06/80	0	1	
GRBA0364	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/10/80-07/10/80	0	1	
GRBA0365	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/10/80-07/10/80	0	1	
GRBA0366	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/10/80-07/10/80	0	1	
GRBA0367	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/10/80-07/10/80	0	1	
GRBA0368	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/10/80-07/10/80	0	1	
GRBA0369	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/10/80-07/10/80	0	1	
GRBA0370	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/12/80-07/12/80	0	1	
GRBA0372	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/10/80-07/10/80	0	1	
GRBA0373	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/10/80-07/10/80	0	1	
GRBA0374	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/06/80-07/06/80	0	1	
GRBA0376	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/10/80-07/10/80	0	1	
GRBA0378	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/28/92-08/28/92	0	1	
GRBA0380	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/10/80-07/10/80	0	1	
GRBA0383	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/10/80-07/10/80	0	1	
GRBA0384	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/12/80-07/12/80	0	1	
GRBA0385	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/10/80-07/10/80	0	2	
GRBA0386	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/10/80-07/10/80	0	1	
GRBA0389	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/10/80-07/10/80	0	1	
GRBA0391	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/12/80-07/12/80	0	1	
GRBA0394	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/22/92-08/22/92	0	1	
GRBA0396	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/10/80-07/10/80	0	1	
GRBA0397	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/10/80-07/10/80	0	1	
GRBA0398	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/12/80-07/12/80	0	1	
GRBA0399	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/10/80-07/10/80	0	1	
GRBA0400	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/09/80-07/09/80	0	1	
GRBA0401	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/11/80-07/11/80	0	1	
GRBA0402	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/09/80-07/09/80	0	1	
GRBA0403	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/09/80-07/09/80	0	1	
GRBA0404	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/11/80-07/11/80	0	1	
GRBA0405	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/09/80-07/09/80	0	1	
GRBA0406	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/10/80-07/10/80	0	1	
GRBA0407	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/11/80-07/11/80	0	1	
GRBA0408	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/11/80-07/11/80	0	1	
GRBA0409	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/11/80-07/11/80	0	1	
GRBA0410	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/08/80-07/08/80	0	1	
GRBA0412	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/11/80-07/11/80	0	1	
GRBA0414	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/04/80-07/04/80	0	1	
GRBA0415	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/04/80-07/04/80	0	1	
GRBA0416	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/08/80-07/08/80	0	1	
GRBA0417	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/08/80-07/08/80	0	1	
GRBA0418	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/08/80-07/08/80	0	1	
GRBA0419	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/04/80-07/04/80	0	1	
GRBA0420	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/04/80-07/04/80	0	1	
GRBA0421	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/04/80-07/04/80	0	1	
GRBA0422	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/11/80-07/11/80	0	1	
GRBA0423	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/04/80-07/04/80	0	1	
GRBA0424	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/08/80-07/08/80	0	1	
GRBA0425	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/08/80-07/08/80	0	1	
GRBA0426	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/04/80-07/04/80	0	1	
GRBA0427	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/04/80-07/04/80	0	1	
GRBA0428	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/08/80-07/08/80	0	1	
GRBA0001	No	01110	CERIUM, DISSOLVED (UG/L AS CE)	07/08/80-07/08/80	0	1	
GRBA0004	No	01110	CERIUM, DISSOLVED (UG/L AS CE)	07/08/80-07/08/80	0	1	
GRBA0008	No	01110	CERIUM, DISSOLVED (UG/L AS CE)	07/09/80-07/09/80	0	1	

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

Station/Parameter Period of Record Tabulation
From 08/23/66 To 10/28/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GRBA0012	No	01110	CERIUM, DISSOLVED (UG/L AS CE)	07/15/80-07/15/80	0	1	
GRBA0037	No	01110	CERIUM, DISSOLVED (UG/L AS CE)	07/09/80-07/09/80	0	1	
GRBA0097	No	01110	CERIUM, DISSOLVED (UG/L AS CE)	07/07/80-07/07/80	0	1	
GRBA0099	Yes	01110	CERIUM, DISSOLVED (UG/L AS CE)	07/20/80-07/20/80	0	1	
GRBA0101	Yes	01110	CERIUM, DISSOLVED (UG/L AS CE)	07/20/80-07/20/80	0	1	
GRBA0121	No	01110	CERIUM, DISSOLVED (UG/L AS CE)	07/09/80-07/09/80	0	1	
GRBA0134	Yes	01110	CERIUM, DISSOLVED (UG/L AS CE)	07/19/80-07/19/80	0	1	
GRBA0147	No	01110	CERIUM, DISSOLVED (UG/L AS CE)	07/07/80-07/07/80	0	1	
GRBA0151	Yes	01110	CERIUM, DISSOLVED (UG/L AS CE)	07/19/80-07/19/80	0	1	
GRBA0174	No	01110	CERIUM, DISSOLVED (UG/L AS CE)	07/13/80-07/13/80	0	1	
GRBA0219	No	01110	CERIUM, DISSOLVED (UG/L AS CE)	07/06/80-07/06/80	0	1	
GRBA0287	No	01110	CERIUM, DISSOLVED (UG/L AS CE)	07/12/80-07/12/80	0	1	
GRBA0307	No	01110	CERIUM, DISSOLVED (UG/L AS CE)	07/12/80-07/12/80	0	1	
GRBA0337	No	01110	CERIUM, DISSOLVED (UG/L AS CE)	07/10/80-07/10/80	0	1	
GRBA0338	Yes	01110	CERIUM, DISSOLVED (UG/L AS CE)	07/10/80-07/10/80	0	1	
GRBA0344	No	01110	CERIUM, DISSOLVED (UG/L AS CE)	07/10/80-07/10/80	0	1	
GRBA0349	No	01110	CERIUM, DISSOLVED (UG/L AS CE)	07/10/80-07/10/80	0	1	
GRBA0353	No	01110	CERIUM, DISSOLVED (UG/L AS CE)	07/06/80-07/06/80	0	1	
GRBA0358	No	01110	CERIUM, DISSOLVED (UG/L AS CE)	07/12/80-07/12/80	0	1	
GRBA0361	No	01110	CERIUM, DISSOLVED (UG/L AS CE)	07/12/80-07/12/80	0	1	
GRBA0362	No	01110	CERIUM, DISSOLVED (UG/L AS CE)	07/12/80-07/12/80	0	1	
GRBA0363	No	01110	CERIUM, DISSOLVED (UG/L AS CE)	07/06/80-07/06/80	0	1	
GRBA0364	No	01110	CERIUM, DISSOLVED (UG/L AS CE)	07/10/80-07/10/80	0	1	
GRBA0365	Yes	01110	CERIUM, DISSOLVED (UG/L AS CE)	07/10/80-07/10/80	0	1	
GRBA0366	Yes	01110	CERIUM, DISSOLVED (UG/L AS CE)	07/10/80-07/10/80	0	1	
GRBA0368	Yes	01110	CERIUM, DISSOLVED (UG/L AS CE)	07/10/80-07/10/80	0	1	
GRBA0370	No	01110	CERIUM, DISSOLVED (UG/L AS CE)	07/12/80-07/12/80	0	1	
GRBA0372	No	01110	CERIUM, DISSOLVED (UG/L AS CE)	07/10/80-07/10/80	0	1	
GRBA0374	No	01110	CERIUM, DISSOLVED (UG/L AS CE)	07/06/80-07/06/80	0	1	
GRBA0376	No	01110	CERIUM, DISSOLVED (UG/L AS CE)	07/10/80-07/10/80	0	1	
GRBA0380	No	01110	CERIUM, DISSOLVED (UG/L AS CE)	07/10/80-07/10/80	0	1	
GRBA0383	No	01110	CERIUM, DISSOLVED (UG/L AS CE)	07/10/80-07/10/80	0	1	
GRBA0384	No	01110	CERIUM, DISSOLVED (UG/L AS CE)	07/12/80-07/12/80	0	1	
GRBA0385	No	01110	CERIUM, DISSOLVED (UG/L AS CE)	07/10/80-07/10/80	0	1	
GRBA0386	No	01110	CERIUM, DISSOLVED (UG/L AS CE)	07/10/80-07/10/80	0	1	
GRBA0389	No	01110	CERIUM, DISSOLVED (UG/L AS CE)	07/10/80-07/10/80	0	1	
GRBA0391	No	01110	CERIUM, DISSOLVED (UG/L AS CE)	07/12/80-07/12/80	0	1	
GRBA0396	No	01110	CERIUM, DISSOLVED (UG/L AS CE)	07/10/80-07/10/80	0	1	
GRBA0397	No	01110	CERIUM, DISSOLVED (UG/L AS CE)	07/10/80-07/10/80	0	1	
GRBA0398	No	01110	CERIUM, DISSOLVED (UG/L AS CE)	07/12/80-07/12/80	0	1	
GRBA0399	No	01110	CERIUM, DISSOLVED (UG/L AS CE)	07/10/80-07/10/80	0	1	
GRBA0400	No	01110	CERIUM, DISSOLVED (UG/L AS CE)	07/09/80-07/09/80	0	1	
GRBA0401	No	01110	CERIUM, DISSOLVED (UG/L AS CE)	07/11/80-07/11/80	0	1	
GRBA0402	No	01110	CERIUM, DISSOLVED (UG/L AS CE)	07/09/80-07/09/80	0	1	
GRBA0403	No	01110	CERIUM, DISSOLVED (UG/L AS CE)	07/09/80-07/09/80	0	1	
GRBA0404	No	01110	CERIUM, DISSOLVED (UG/L AS CE)	07/11/80-07/11/80	0	1	
GRBA0405	No	01110	CERIUM, DISSOLVED (UG/L AS CE)	07/09/80-07/09/80	0	1	
GRBA0406	No	01110	CERIUM, DISSOLVED (UG/L AS CE)	07/10/80-07/10/80	0	1	
GRBA0407	No	01110	CERIUM, DISSOLVED (UG/L AS CE)	07/11/80-07/11/80	0	1	
GRBA0409	No	01110	CERIUM, DISSOLVED (UG/L AS CE)	07/11/80-07/11/80	0	1	
GRBA0410	No	01110	CERIUM, DISSOLVED (UG/L AS CE)	07/08/80-07/08/80	0	1	
GRBA0412	No	01110	CERIUM, DISSOLVED (UG/L AS CE)	07/11/80-07/11/80	0	1	
GRBA0415	No	01110	CERIUM, DISSOLVED (UG/L AS CE)	07/04/80-07/04/80	0	1	
GRBA0417	No	01110	CERIUM, DISSOLVED (UG/L AS CE)	07/08/80-07/08/80	0	1	
GRBA0418	No	01110	CERIUM, DISSOLVED (UG/L AS CE)	07/08/80-07/08/80	0	1	
GRBA0419	No	01110	CERIUM, DISSOLVED (UG/L AS CE)	07/04/80-07/04/80	0	1	
GRBA0420	No	01110	CERIUM, DISSOLVED (UG/L AS CE)	07/04/80-07/04/80	0	1	
GRBA0422	No	01110	CERIUM, DISSOLVED (UG/L AS CE)	07/11/80-07/11/80	0	1	
GRBA0423	No	01110	CERIUM, DISSOLVED (UG/L AS CE)	07/04/80-07/04/80	0	1	
GRBA0425	No	01110	CERIUM, DISSOLVED (UG/L AS CE)	07/08/80-07/08/80	0	1	
GRBA0426	No	01110	CERIUM, DISSOLVED (UG/L AS CE)	07/04/80-07/04/80	0	1	
GRBA0428	No	01110	CERIUM, DISSOLVED (UG/L AS CE)	07/08/80-07/08/80	0	1	
GRBA0375	No	01112	CERIUM, TOTAL (UG/L AS CE)	07/06/80-07/06/80	0	1	
GRBA0381	No	01112	CERIUM, TOTAL (UG/L AS CE)	07/06/80-07/06/80	0	1	
GRBA0382	No	01112	CERIUM, TOTAL (UG/L AS CE)	07/06/80-07/06/80	0	1	
GRBA0392	No	01112	CERIUM, TOTAL (UG/L AS CE)	07/12/80-07/12/80	0	1	
GRBA0411	No	01112	CERIUM, TOTAL (UG/L AS CE)	07/11/80-07/11/80	0	1	
GRBA0413	No	01112	CERIUM, TOTAL (UG/L AS CE)	07/08/80-07/08/80	0	1	
GRBA0001	No	01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/08/80-07/08/80	0	1	
GRBA0004	No	01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/08/80-07/08/80	0	1	
GRBA0008	No	01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/09/80-07/09/80	0	1	
GRBA0012	No	01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/15/80-07/15/80	0	1	

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

Station/Parameter Period of Record Tabulation
From 08/23/66 To 10/28/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GRBA0037	No	01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/09/80-07/09/80	0	1	
GRBA0097	No	01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/07/80-07/07/80	0	1	
GRBA0099	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/20/80-07/20/80	0	1	
GRBA0101	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/20/80-07/20/80	0	1	
GRBA0121	No	01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/09/80-07/09/80	0	1	
GRBA0134	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/19/80-07/19/80	0	1	
GRBA0147	No	01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/07/80-07/07/80	0	1	
GRBA0151	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/19/80-07/19/80	0	1	
GRBA0174	No	01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/13/80-07/13/80	0	1	
GRBA0219	No	01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/06/80-07/06/80	0	1	
GRBA0287	No	01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/12/80-07/12/80	0	1	
GRBA0307	No	01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/12/80-07/12/80	0	1	
GRBA0322	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/27/87-10/25/89	2	3	
GRBA0337	No	01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/10/80-07/10/80	0	1	
GRBA0338	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/10/80-07/10/80	0	1	
GRBA0344	No	01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/10/80-07/10/80	0	1	
GRBA0349	No	01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/10/80-07/10/80	0	1	
GRBA0353	No	01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/06/80-07/06/80	0	1	
GRBA0358	No	01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/12/80-07/12/80	0	1	
GRBA0361	No	01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/12/80-07/12/80	0	1	
GRBA0362	No	01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/12/80-07/12/80	0	1	
GRBA0363	No	01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/06/80-07/06/80	0	1	
GRBA0364	No	01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/10/80-07/10/80	0	1	
GRBA0365	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/10/80-07/10/80	0	1	
GRBA0366	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/10/80-07/10/80	0	1	
GRBA0368	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/10/80-07/10/80	0	1	
GRBA0370	No	01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/12/80-07/12/80	0	1	
GRBA0372	No	01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/10/80-07/10/80	0	1	
GRBA0374	No	01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/06/80-07/06/80	0	1	
GRBA0376	No	01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/10/80-07/10/80	0	1	
GRBA0380	No	01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/10/80-07/10/80	0	1	
GRBA0383	No	01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/10/80-07/10/80	0	1	
GRBA0384	No	01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/12/80-07/12/80	0	1	
GRBA0385	No	01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/10/80-07/10/80	0	1	
GRBA0386	No	01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/10/80-07/10/80	0	1	
GRBA0389	No	01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/10/80-07/10/80	0	1	
GRBA0391	No	01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/12/80-07/12/80	0	1	
GRBA0396	No	01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/10/80-07/10/80	0	1	
GRBA0397	No	01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/10/80-07/10/80	0	1	
GRBA0398	No	01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/12/80-07/12/80	0	1	
GRBA0399	No	01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/10/80-07/10/80	0	1	
GRBA0400	No	01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/09/80-07/09/80	0	1	
GRBA0401	No	01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/11/80-07/11/80	0	1	
GRBA0402	No	01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/09/80-07/09/80	0	1	
GRBA0403	No	01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/09/80-07/09/80	0	1	
GRBA0404	No	01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/11/80-07/11/80	0	1	
GRBA0405	No	01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/09/80-07/09/80	0	1	
GRBA0406	No	01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/10/80-07/10/80	0	1	
GRBA0407	No	01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/11/80-07/11/80	0	1	
GRBA0409	No	01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/11/80-07/11/80	0	1	
GRBA0410	No	01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/08/80-07/08/80	0	1	
GRBA0412	No	01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/11/80-07/11/80	0	1	
GRBA0415	No	01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/04/80-07/04/80	0	1	
GRBA0417	No	01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/08/80-07/08/80	0	1	
GRBA0418	No	01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/08/80-07/08/80	0	1	
GRBA0419	No	01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/04/80-07/04/80	0	1	
GRBA0420	No	01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/04/80-07/04/80	0	1	
GRBA0422	No	01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/11/80-07/11/80	0	1	
GRBA0423	No	01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/04/80-07/04/80	0	1	
GRBA0425	No	01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/08/80-07/08/80	0	1	
GRBA0426	No	01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/04/80-07/04/80	0	1	
GRBA0428	No	01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/08/80-07/08/80	0	1	
GRBA0375	No	01132	LITHIUM, TOTAL (UG/L AS LI)	07/06/80-07/06/80	0	1	
GRBA0381	No	01132	LITHIUM, TOTAL (UG/L AS LI)	07/06/80-07/06/80	0	1	
GRBA0382	No	01132	LITHIUM, TOTAL (UG/L AS LI)	07/06/80-07/06/80	0	1	
GRBA0392	No	01132	LITHIUM, TOTAL (UG/L AS LI)	07/12/80-07/12/80	0	1	
GRBA0411	No	01132	LITHIUM, TOTAL (UG/L AS LI)	07/11/80-07/11/80	0	1	
GRBA0413	No	01132	LITHIUM, TOTAL (UG/L AS LI)	07/08/80-07/08/80	0	1	
GRBA0001	No	01140	SILICON, DISSOLVED (UG/L AS SI)	07/08/80-07/08/80	0	1	
GRBA0004	No	01140	SILICON, DISSOLVED (UG/L AS SI)	07/08/80-07/08/80	0	1	
GRBA0008	No	01140	SILICON, DISSOLVED (UG/L AS SI)	07/09/80-07/09/80	0	1	
GRBA0012	No	01140	SILICON, DISSOLVED (UG/L AS SI)	07/15/80-07/15/80	0	1	

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

Station/Parameter Period of Record Tabulation
From 08/23/66 To 10/28/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GRBA0037	No	01140	SILICON, DISSOLVED (UG/L AS SI)	07/09/80-07/09/80	0	1	
GRBA0097	No	01140	SILICON, DISSOLVED (UG/L AS SI)	07/07/80-07/07/80	0	1	
GRBA0099	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	07/20/80-07/20/80	0	1	
GRBA0101	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	07/20/80-07/20/80	0	1	
GRBA0121	No	01140	SILICON, DISSOLVED (UG/L AS SI)	07/09/80-07/09/80	0	1	
GRBA0134	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	07/19/80-07/19/80	0	1	
GRBA0147	No	01140	SILICON, DISSOLVED (UG/L AS SI)	07/07/80-07/07/80	0	1	
GRBA0151	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	07/19/80-07/19/80	0	1	
GRBA0174	No	01140	SILICON, DISSOLVED (UG/L AS SI)	07/13/80-07/13/80	0	1	
GRBA0349	No	01140	SILICON, DISSOLVED (UG/L AS SI)	07/10/80-07/10/80	0	1	
GRBA0361	No	01140	SILICON, DISSOLVED (UG/L AS SI)	07/12/80-07/12/80	0	1	
GRBA0366	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	07/10/80-07/10/80	0	1	
GRBA0368	Yes	01140	SILICON, DISSOLVED (UG/L AS SI)	07/10/80-07/10/80	0	1	
GRBA0372	No	01140	SILICON, DISSOLVED (UG/L AS SI)	07/10/80-07/10/80	0	1	
GRBA0385	No	01140	SILICON, DISSOLVED (UG/L AS SI)	07/10/80-07/10/80	0	1	
GRBA0407	No	01140	SILICON, DISSOLVED (UG/L AS SI)	07/11/80-07/11/80	0	1	
GRBA0415	No	01140	SILICON, DISSOLVED (UG/L AS SI)	07/04/80-07/04/80	0	1	
GRBA0417	No	01140	SILICON, DISSOLVED (UG/L AS SI)	07/08/80-07/08/80	0	1	
GRBA0420	No	01140	SILICON, DISSOLVED (UG/L AS SI)	07/04/80-07/04/80	0	1	
GRBA0425	No	01140	SILICON, DISSOLVED (UG/L AS SI)	07/08/80-07/08/80	0	1	
GRBA0426	No	01140	SILICON, DISSOLVED (UG/L AS SI)	07/04/80-07/04/80	0	1	
GRBA0045	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	05/28/89-05/28/89	0	1	
GRBA0054	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	05/28/89-05/28/89	0	1	
GRBA0061	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	05/28/89-05/28/89	0	1	
GRBA0064	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	05/28/89-05/28/89	0	1	
GRBA0070	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	05/28/89-05/28/89	0	1	
GRBA0080	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	05/27/89-05/27/89	0	1	
GRBA0090	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	05/26/89-05/26/89	0	1	
GRBA0096	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	05/27/89-05/27/89	0	1	
GRBA0114	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	05/27/89-05/27/89	0	1	
GRBA0130	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	05/29/89-05/29/89	0	1	
GRBA0163	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	05/30/89-05/30/89	0	1	
GRBA0210	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	05/31/89-05/31/89	0	1	
GRBA0212	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	05/23/89-05/23/89	0	1	
GRBA0217	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	02/28/89-02/28/89	0	1	
GRBA0225	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	05/23/89-05/23/89	0	2	
GRBA0235	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	05/23/89-05/23/89	0	1	
GRBA0248	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	03/01/89-03/01/89	0	1	
GRBA0251	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	05/24/89-05/24/89	0	1	
GRBA0254	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	05/31/89-05/31/89	0	1	
GRBA0257	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	03/01/89-03/01/89	0	2	
GRBA0281	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	03/05/89-03/05/89	0	1	
GRBA0305	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	05/24/89-05/24/89	0	1	
GRBA0306	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	03/03/89-03/03/89	0	1	
GRBA0322	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	08/27/87-10/25/89	2	3	
GRBA0333	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	05/28/89-05/28/89	0	1	
GRBA0334	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	05/31/89-05/31/89	0	2	
GRBA0346	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	05/28/89-05/28/89	0	1	
GRBA0355	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	05/28/89-05/28/89	0	1	
GRBA0078	No	01147	SELENIUM, TOTAL (UG/L AS SE)	03/25/82-11/16/88	6	9	
GRBA0282	Yes	01147	SELENIUM, TOTAL (UG/L AS SE)	01/22/90-01/22/90	0	1	
GRBA0313	Yes	01147	SELENIUM, TOTAL (UG/L AS SE)	07/22/87-07/22/87	0	1	
GRBA0316	Yes	01147	SELENIUM, TOTAL (UG/L AS SE)	06/09/86-06/09/86	0	1	
GRBA0001	No	01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/08/80-07/08/80	0	1	
GRBA0004	No	01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/08/80-07/08/80	0	1	
GRBA0008	No	01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/09/80-07/09/80	0	1	
GRBA0012	No	01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/15/80-07/15/80	0	1	
GRBA0032	Yes	01150	TITANIUM, DISSOLVED (UG/L AS TI)	08/19/92-08/19/92	0	1	
GRBA0037	No	01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/09/80-07/09/80	0	1	
GRBA0057	Yes	01150	TITANIUM, DISSOLVED (UG/L AS TI)	08/30/92-08/30/92	0	1	
GRBA0088	Yes	01150	TITANIUM, DISSOLVED (UG/L AS TI)	08/27/92-08/27/92	0	1	
GRBA0097	No	01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/07/80-07/07/80	0	1	
GRBA0099	Yes	01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/20/80-07/20/80	0	1	
GRBA0101	Yes	01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/20/80-07/20/80	0	1	
GRBA0115	Yes	01150	TITANIUM, DISSOLVED (UG/L AS TI)	08/27/92-08/27/92	0	1	
GRBA0121	No	01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/09/80-07/09/80	0	1	
GRBA0123	Yes	01150	TITANIUM, DISSOLVED (UG/L AS TI)	08/21/92-08/21/92	0	1	
GRBA0132	Yes	01150	TITANIUM, DISSOLVED (UG/L AS TI)	08/26/92-08/26/92	0	1	
GRBA0134	Yes	01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/19/80-07/19/80	0	1	
GRBA0147	No	01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/07/80-07/07/80	0	1	
GRBA0151	Yes	01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/19/80-07/19/80	0	1	
GRBA0154	Yes	01150	TITANIUM, DISSOLVED (UG/L AS TI)	08/18/92-08/18/92	0	1	

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Station/Parameter Period of Record Tabulation
From 08/23/66 To 10/28/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GRBA0157	Yes	01150	TITANIUM, DISSOLVED (UG/L AS TI)	08/18/92-08/18/92	0	1	
GRBA0174	No	01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/13/80-07/13/80	0	1	
GRBA0177	Yes	01150	TITANIUM, DISSOLVED (UG/L AS TI)	08/29/92-08/29/92	0	1	
GRBA0193	Yes	01150	TITANIUM, DISSOLVED (UG/L AS TI)	06/15/92-06/15/92	0	1	
GRBA0199	Yes	01150	TITANIUM, DISSOLVED (UG/L AS TI)	08/29/92-08/29/92	0	1	
GRBA0219	No	01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/06/80-07/06/80	0	1	
GRBA0223	Yes	01150	TITANIUM, DISSOLVED (UG/L AS TI)	08/23/92-08/23/92	0	1	
GRBA0237	Yes	01150	TITANIUM, DISSOLVED (UG/L AS TI)	08/23/92-08/23/92	0	1	
GRBA0245	Yes	01150	TITANIUM, DISSOLVED (UG/L AS TI)	08/23/92-08/23/92	0	1	
GRBA0252	Yes	01150	TITANIUM, DISSOLVED (UG/L AS TI)	08/20/92-08/20/92	0	2	
GRBA0287	No	01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/12/80-07/12/80	0	1	
GRBA0298	Yes	01150	TITANIUM, DISSOLVED (UG/L AS TI)	08/25/92-08/25/92	0	1	
GRBA0307	No	01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/12/80-07/12/80	0	1	
GRBA0337	No	01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/10/80-07/10/80	0	1	
GRBA0338	Yes	01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/10/80-07/10/80	0	1	
GRBA0344	No	01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/10/80-07/10/80	0	1	
GRBA0349	No	01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/10/80-07/10/80	0	1	
GRBA0353	No	01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/06/80-07/06/80	0	1	
GRBA0358	No	01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/12/80-07/12/80	0	1	
GRBA0361	No	01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/12/80-07/12/80	0	1	
GRBA0362	No	01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/12/80-07/12/80	0	1	
GRBA0363	No	01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/06/80-07/06/80	0	1	
GRBA0364	No	01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/10/80-07/10/80	0	1	
GRBA0365	Yes	01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/10/80-07/10/80	0	1	
GRBA0366	Yes	01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/10/80-07/10/80	0	1	
GRBA0368	Yes	01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/10/80-07/10/80	0	1	
GRBA0370	No	01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/12/80-07/12/80	0	1	
GRBA0372	No	01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/10/80-07/10/80	0	1	
GRBA0374	No	01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/06/80-07/06/80	0	1	
GRBA0376	No	01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/10/80-07/10/80	0	1	
GRBA0378	Yes	01150	TITANIUM, DISSOLVED (UG/L AS TI)	08/28/92-08/28/92	0	1	
GRBA0380	No	01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/10/80-07/10/80	0	1	
GRBA0383	No	01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/10/80-07/10/80	0	1	
GRBA0384	No	01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/12/80-07/12/80	0	1	
GRBA0385	No	01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/10/80-07/10/80	0	1	
GRBA0386	No	01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/10/80-07/10/80	0	1	
GRBA0389	No	01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/10/80-07/10/80	0	1	
GRBA0391	No	01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/12/80-07/12/80	0	1	
GRBA0394	Yes	01150	TITANIUM, DISSOLVED (UG/L AS TI)	08/22/92-08/22/92	0	1	
GRBA0396	No	01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/10/80-07/10/80	0	1	
GRBA0397	No	01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/10/80-07/10/80	0	1	
GRBA0398	No	01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/12/80-07/12/80	0	1	
GRBA0399	No	01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/10/80-07/10/80	0	1	
GRBA0400	No	01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/09/80-07/09/80	0	1	
GRBA0401	No	01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/11/80-07/11/80	0	1	
GRBA0402	No	01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/09/80-07/09/80	0	1	
GRBA0403	No	01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/09/80-07/09/80	0	1	
GRBA0404	No	01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/11/80-07/11/80	0	1	
GRBA0405	No	01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/09/80-07/09/80	0	1	
GRBA0406	No	01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/10/80-07/10/80	0	1	
GRBA0407	No	01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/11/80-07/11/80	0	1	
GRBA0409	No	01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/11/80-07/11/80	0	1	
GRBA0410	No	01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/08/80-07/08/80	0	1	
GRBA0412	No	01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/11/80-07/11/80	0	1	
GRBA0415	No	01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/04/80-07/04/80	0	1	
GRBA0417	No	01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/08/80-07/08/80	0	1	
GRBA0418	No	01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/08/80-07/08/80	0	1	
GRBA0419	No	01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/04/80-07/04/80	0	1	
GRBA0420	No	01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/04/80-07/04/80	0	1	
GRBA0422	No	01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/11/80-07/11/80	0	1	
GRBA0423	No	01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/04/80-07/04/80	0	1	
GRBA0425	No	01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/08/80-07/08/80	0	1	
GRBA0426	No	01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/04/80-07/04/80	0	1	
GRBA0428	No	01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/08/80-07/08/80	0	1	
GRBA0375	No	01152	TITANIUM, TOTAL (UG/L AS TI)	07/06/80-07/06/80	0	1	
GRBA0381	No	01152	TITANIUM, TOTAL (UG/L AS TI)	07/06/80-07/06/80	0	1	
GRBA0382	No	01152	TITANIUM, TOTAL (UG/L AS TI)	07/06/80-07/06/80	0	1	
GRBA0392	No	01152	TITANIUM, TOTAL (UG/L AS TI)	07/12/80-07/12/80	0	1	
GRBA0411	No	01152	TITANIUM, TOTAL (UG/L AS TI)	07/11/80-07/11/80	0	1	
GRBA0413	No	01152	TITANIUM, TOTAL (UG/L AS TI)	07/08/80-07/08/80	0	1	
GRBA0001	No	01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/08/80-07/08/80	0	1	
GRBA0004	No	01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/08/80-07/08/80	0	1	

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

Station/Parameter Period of Record Tabulation
From 08/23/66 To 10/28/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GRBA0008	No	01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/09/80-07/09/80	0	1	
GRBA0012	No	01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/15/80-07/15/80	0	1	
GRBA0037	No	01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/09/80-07/09/80	0	1	
GRBA0097	No	01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/07/80-07/07/80	0	1	
GRBA0099	Yes	01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/20/80-07/20/80	0	1	
GRBA0101	Yes	01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/20/80-07/20/80	0	1	
GRBA0121	No	01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/09/80-07/09/80	0	1	
GRBA0134	Yes	01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/19/80-07/19/80	0	1	
GRBA0147	No	01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/07/80-07/07/80	0	1	
GRBA0151	Yes	01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/19/80-07/19/80	0	1	
GRBA0174	No	01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/13/80-07/13/80	0	1	
GRBA0219	No	01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/06/80-07/06/80	0	1	
GRBA0287	No	01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/12/80-07/12/80	0	1	
GRBA0307	No	01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/12/80-07/12/80	0	1	
GRBA0337	No	01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/10/80-07/10/80	0	1	
GRBA0338	Yes	01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/10/80-07/10/80	0	1	
GRBA0344	No	01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/10/80-07/10/80	0	1	
GRBA0349	No	01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/10/80-07/10/80	0	1	
GRBA0353	No	01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/06/80-07/06/80	0	1	
GRBA0358	No	01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/12/80-07/12/80	0	1	
GRBA0361	No	01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/12/80-07/12/80	0	1	
GRBA0362	No	01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/12/80-07/12/80	0	1	
GRBA0363	No	01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/06/80-07/06/80	0	1	
GRBA0364	No	01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/10/80-07/10/80	0	1	
GRBA0365	Yes	01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/10/80-07/10/80	0	1	
GRBA0366	Yes	01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/10/80-07/10/80	0	1	
GRBA0368	Yes	01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/10/80-07/10/80	0	1	
GRBA0370	No	01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/12/80-07/12/80	0	1	
GRBA0372	No	01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/10/80-07/10/80	0	1	
GRBA0374	No	01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/06/80-07/06/80	0	1	
GRBA0376	No	01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/10/80-07/10/80	0	1	
GRBA0380	No	01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/10/80-07/10/80	0	1	
GRBA0383	No	01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/10/80-07/10/80	0	1	
GRBA0384	No	01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/12/80-07/12/80	0	1	
GRBA0385	No	01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/10/80-07/10/80	0	1	
GRBA0386	No	01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/10/80-07/10/80	0	1	
GRBA0389	No	01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/10/80-07/10/80	0	1	
GRBA0391	No	01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/12/80-07/12/80	0	1	
GRBA0396	No	01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/10/80-07/10/80	0	1	
GRBA0397	No	01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/10/80-07/10/80	0	1	
GRBA0398	No	01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/12/80-07/12/80	0	1	
GRBA0399	No	01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/10/80-07/10/80	0	1	
GRBA0400	No	01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/09/80-07/09/80	0	1	
GRBA0401	No	01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/11/80-07/11/80	0	1	
GRBA0402	No	01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/09/80-07/09/80	0	1	
GRBA0403	No	01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/09/80-07/09/80	0	1	
GRBA0404	No	01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/11/80-07/11/80	0	1	
GRBA0405	No	01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/09/80-07/09/80	0	1	
GRBA0406	No	01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/10/80-07/10/80	0	1	
GRBA0407	No	01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/11/80-07/11/80	0	1	
GRBA0409	No	01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/11/80-07/11/80	0	1	
GRBA0410	No	01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/08/80-07/08/80	0	1	
GRBA0412	No	01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/11/80-07/11/80	0	1	
GRBA0415	No	01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/04/80-07/04/80	0	1	
GRBA0417	No	01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/08/80-07/08/80	0	1	
GRBA0418	No	01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/08/80-07/08/80	0	1	
GRBA0419	No	01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/04/80-07/04/80	0	1	
GRBA0420	No	01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/04/80-07/04/80	0	1	
GRBA0422	No	01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/11/80-07/11/80	0	1	
GRBA0423	No	01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/04/80-07/04/80	0	1	
GRBA0425	No	01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/08/80-07/08/80	0	1	
GRBA0426	No	01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/04/80-07/04/80	0	1	
GRBA0428	No	01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/08/80-07/08/80	0	1	
GRBA0375	No	01162	ZIRCONIUM, TOTAL (UG/L AS ZR)	07/06/80-07/06/80	0	1	
GRBA0381	No	01162	ZIRCONIUM, TOTAL (UG/L AS ZR)	07/06/80-07/06/80	0	1	
GRBA0382	No	01162	ZIRCONIUM, TOTAL (UG/L AS ZR)	07/06/80-07/06/80	0	1	
GRBA0392	No	01162	ZIRCONIUM, TOTAL (UG/L AS ZR)	07/12/80-07/12/80	0	1	
GRBA0411	No	01162	ZIRCONIUM, TOTAL (UG/L AS ZR)	07/11/80-07/11/80	0	1	
GRBA0413	No	01162	ZIRCONIUM, TOTAL (UG/L AS ZR)	07/08/80-07/08/80	0	1	
GRBA0219	No	01180	LANTHANUM, DISSOLVED (UG/L AS LA)	07/06/80-07/06/80	0	1	
GRBA0287	No	01180	LANTHANUM, DISSOLVED (UG/L AS LA)	07/12/80-07/12/80	0	1	
GRBA0307	No	01180	LANTHANUM, DISSOLVED (UG/L AS LA)	07/12/80-07/12/80	0	1	

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

Station/Parameter Period of Record Tabulation
From 08/23/66 To 10/28/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GRBA0337	No	01180	LANTHANUM, DISSOLVED (UG/L AS LA)	07/10/80-07/10/80	0	1	
GRBA0338	Yes	01180	LANTHANUM, DISSOLVED (UG/L AS LA)	07/10/80-07/10/80	0	1	
GRBA0344	No	01180	LANTHANUM, DISSOLVED (UG/L AS LA)	07/10/80-07/10/80	0	1	
GRBA0353	No	01180	LANTHANUM, DISSOLVED (UG/L AS LA)	07/06/80-07/06/80	0	1	
GRBA0358	No	01180	LANTHANUM, DISSOLVED (UG/L AS LA)	07/12/80-07/12/80	0	1	
GRBA0362	No	01180	LANTHANUM, DISSOLVED (UG/L AS LA)	07/12/80-07/12/80	0	1	
GRBA0363	No	01180	LANTHANUM, DISSOLVED (UG/L AS LA)	07/06/80-07/06/80	0	1	
GRBA0364	No	01180	LANTHANUM, DISSOLVED (UG/L AS LA)	07/10/80-07/10/80	0	1	
GRBA0365	Yes	01180	LANTHANUM, DISSOLVED (UG/L AS LA)	07/10/80-07/10/80	0	1	
GRBA0370	No	01180	LANTHANUM, DISSOLVED (UG/L AS LA)	07/12/80-07/12/80	0	1	
GRBA0374	No	01180	LANTHANUM, DISSOLVED (UG/L AS LA)	07/06/80-07/06/80	0	1	
GRBA0376	No	01180	LANTHANUM, DISSOLVED (UG/L AS LA)	07/10/80-07/10/80	0	1	
GRBA0380	No	01180	LANTHANUM, DISSOLVED (UG/L AS LA)	07/10/80-07/10/80	0	1	
GRBA0383	No	01180	LANTHANUM, DISSOLVED (UG/L AS LA)	07/10/80-07/10/80	0	1	
GRBA0384	No	01180	LANTHANUM, DISSOLVED (UG/L AS LA)	07/12/80-07/12/80	0	1	
GRBA0386	No	01180	LANTHANUM, DISSOLVED (UG/L AS LA)	07/10/80-07/10/80	0	1	
GRBA0389	No	01180	LANTHANUM, DISSOLVED (UG/L AS LA)	07/10/80-07/10/80	0	1	
GRBA0391	No	01180	LANTHANUM, DISSOLVED (UG/L AS LA)	07/12/80-07/12/80	0	1	
GRBA0396	No	01180	LANTHANUM, DISSOLVED (UG/L AS LA)	07/10/80-07/10/80	0	1	
GRBA0397	No	01180	LANTHANUM, DISSOLVED (UG/L AS LA)	07/10/80-07/10/80	0	1	
GRBA0398	No	01180	LANTHANUM, DISSOLVED (UG/L AS LA)	07/12/80-07/12/80	0	1	
GRBA0399	No	01180	LANTHANUM, DISSOLVED (UG/L AS LA)	07/10/80-07/10/80	0	1	
GRBA0400	No	01180	LANTHANUM, DISSOLVED (UG/L AS LA)	07/09/80-07/09/80	0	1	
GRBA0401	No	01180	LANTHANUM, DISSOLVED (UG/L AS LA)	07/11/80-07/11/80	0	1	
GRBA0402	No	01180	LANTHANUM, DISSOLVED (UG/L AS LA)	07/09/80-07/09/80	0	1	
GRBA0403	No	01180	LANTHANUM, DISSOLVED (UG/L AS LA)	07/09/80-07/09/80	0	1	
GRBA0404	No	01180	LANTHANUM, DISSOLVED (UG/L AS LA)	07/11/80-07/11/80	0	1	
GRBA0405	No	01180	LANTHANUM, DISSOLVED (UG/L AS LA)	07/09/80-07/09/80	0	1	
GRBA0406	No	01180	LANTHANUM, DISSOLVED (UG/L AS LA)	07/10/80-07/10/80	0	1	
GRBA0409	No	01180	LANTHANUM, DISSOLVED (UG/L AS LA)	07/11/80-07/11/80	0	1	
GRBA0410	No	01180	LANTHANUM, DISSOLVED (UG/L AS LA)	07/08/80-07/08/80	0	1	
GRBA0412	No	01180	LANTHANUM, DISSOLVED (UG/L AS LA)	07/11/80-07/11/80	0	1	
GRBA0418	No	01180	LANTHANUM, DISSOLVED (UG/L AS LA)	07/08/80-07/08/80	0	1	
GRBA0419	No	01180	LANTHANUM, DISSOLVED (UG/L AS LA)	07/04/80-07/04/80	0	1	
GRBA0422	No	01180	LANTHANUM, DISSOLVED (UG/L AS LA)	07/11/80-07/11/80	0	1	
GRBA0423	No	01180	LANTHANUM, DISSOLVED (UG/L AS LA)	07/04/80-07/04/80	0	1	
GRBA0428	No	01180	LANTHANUM, DISSOLVED (UG/L AS LA)	07/08/80-07/08/80	0	1	
GRBA0375	No	01182	LANTHANUM, TOTAL (UG/L AS LA)	07/06/80-07/06/80	0	1	
GRBA0381	No	01182	LANTHANUM, TOTAL (UG/L AS LA)	07/06/80-07/06/80	0	1	
GRBA0382	No	01182	LANTHANUM, TOTAL (UG/L AS LA)	07/06/80-07/06/80	0	1	
GRBA0392	No	01182	LANTHANUM, TOTAL (UG/L AS LA)	07/12/80-07/12/80	0	1	
GRBA0411	No	01182	LANTHANUM, TOTAL (UG/L AS LA)	07/11/80-07/11/80	0	1	
GRBA0413	No	01182	LANTHANUM, TOTAL (UG/L AS LA)	07/08/80-07/08/80	0	1	
GRBA0001	No	01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/08/80-07/08/80	0	1	
GRBA0004	No	01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/08/80-07/08/80	0	1	
GRBA0008	No	01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/09/80-07/09/80	0	1	
GRBA0012	No	01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/15/80-07/15/80	0	1	
GRBA0037	No	01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/09/80-07/09/80	0	1	
GRBA0097	No	01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/07/80-07/07/80	0	1	
GRBA0099	Yes	01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/20/80-07/20/80	0	1	
GRBA0101	Yes	01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/20/80-07/20/80	0	1	
GRBA0121	No	01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/09/80-07/09/80	0	1	
GRBA0134	Yes	01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/19/80-07/19/80	0	1	
GRBA0147	No	01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/07/80-07/07/80	0	1	
GRBA0151	Yes	01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/19/80-07/19/80	0	1	
GRBA0174	No	01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/13/80-07/13/80	0	1	
GRBA0219	No	01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/06/80-07/06/80	0	1	
GRBA0287	No	01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/12/80-07/12/80	0	1	
GRBA0307	No	01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/12/80-07/12/80	0	1	
GRBA0337	No	01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/10/80-07/10/80	0	1	
GRBA0338	Yes	01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/10/80-07/10/80	0	1	
GRBA0344	No	01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/10/80-07/10/80	0	1	
GRBA0349	No	01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/10/80-07/10/80	0	1	
GRBA0353	No	01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/06/80-07/06/80	0	1	
GRBA0358	No	01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/12/80-07/12/80	0	1	
GRBA0361	No	01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/12/80-07/12/80	0	1	
GRBA0362	No	01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/12/80-07/12/80	0	1	
GRBA0363	No	01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/06/80-07/06/80	0	1	
GRBA0364	No	01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/10/80-07/10/80	0	1	
GRBA0365	Yes	01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/10/80-07/10/80	0	1	
GRBA0366	Yes	01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/10/80-07/10/80	0	1	
GRBA0368	Yes	01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/10/80-07/10/80	0	1	

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

Station/Parameter Period of Record Tabulation
From 08/23/66 To 10/28/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GRBA0370	No	01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/12/80-07/12/80	0	1	
GRBA0372	No	01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/10/80-07/10/80	0	1	
GRBA0374	No	01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/06/80-07/06/80	0	1	
GRBA0376	No	01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/10/80-07/10/80	0	1	
GRBA0380	No	01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/10/80-07/10/80	0	1	
GRBA0383	No	01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/10/80-07/10/80	0	1	
GRBA0384	No	01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/12/80-07/12/80	0	1	
GRBA0385	No	01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/10/80-07/10/80	0	1	
GRBA0386	No	01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/10/80-07/10/80	0	1	
GRBA0389	No	01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/10/80-07/10/80	0	1	
GRBA0391	No	01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/12/80-07/12/80	0	1	
GRBA0396	No	01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/10/80-07/10/80	0	1	
GRBA0397	No	01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/10/80-07/10/80	0	1	
GRBA0398	No	01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/12/80-07/12/80	0	1	
GRBA0399	No	01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/10/80-07/10/80	0	1	
GRBA0400	No	01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/09/80-07/09/80	0	1	
GRBA0401	No	01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/11/80-07/11/80	0	1	
GRBA0402	No	01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/09/80-07/09/80	0	1	
GRBA0403	No	01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/09/80-07/09/80	0	1	
GRBA0404	No	01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/11/80-07/11/80	0	1	
GRBA0405	No	01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/09/80-07/09/80	0	1	
GRBA0406	No	01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/10/80-07/10/80	0	1	
GRBA0407	No	01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/11/80-07/11/80	0	1	
GRBA0409	No	01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/11/80-07/11/80	0	1	
GRBA0410	No	01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/08/80-07/08/80	0	1	
GRBA0412	No	01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/11/80-07/11/80	0	1	
GRBA0415	No	01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/04/80-07/04/80	0	1	
GRBA0417	No	01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/08/80-07/08/80	0	1	
GRBA0418	No	01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/08/80-07/08/80	0	1	
GRBA0419	No	01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/04/80-07/04/80	0	1	
GRBA0420	No	01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/04/80-07/04/80	0	1	
GRBA0422	No	01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/11/80-07/11/80	0	1	
GRBA0423	No	01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/04/80-07/04/80	0	1	
GRBA0425	No	01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/08/80-07/08/80	0	1	
GRBA0426	No	01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/04/80-07/04/80	0	1	
GRBA0428	No	01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/08/80-07/08/80	0	1	
GRBA0375	No	01189	SCANDIUM, TOTAL (UG/L AS SC)	07/06/80-07/06/80	0	1	
GRBA0381	No	01189	SCANDIUM, TOTAL (UG/L AS SC)	07/06/80-07/06/80	0	1	
GRBA0382	No	01189	SCANDIUM, TOTAL (UG/L AS SC)	07/06/80-07/06/80	0	1	
GRBA0392	No	01189	SCANDIUM, TOTAL (UG/L AS SC)	07/12/80-07/12/80	0	1	
GRBA0411	No	01189	SCANDIUM, TOTAL (UG/L AS SC)	07/11/80-07/11/80	0	1	
GRBA0413	No	01189	SCANDIUM, TOTAL (UG/L AS SC)	07/08/80-07/08/80	0	1	
GRBA0001	No	01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/08/80-07/08/80	0	1	
GRBA0004	No	01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/08/80-07/08/80	0	1	
GRBA0008	No	01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/09/80-07/09/80	0	1	
GRBA0012	No	01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/15/80-07/15/80	0	1	
GRBA0037	No	01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/09/80-07/09/80	0	1	
GRBA0097	No	01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/07/80-07/07/80	0	1	
GRBA0099	Yes	01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/20/80-07/20/80	0	1	
GRBA0101	Yes	01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/20/80-07/20/80	0	1	
GRBA0121	No	01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/09/80-07/09/80	0	1	
GRBA0134	Yes	01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/19/80-07/19/80	0	1	
GRBA0147	No	01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/07/80-07/07/80	0	1	
GRBA0151	Yes	01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/19/80-07/19/80	0	1	
GRBA0174	No	01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/13/80-07/13/80	0	1	
GRBA0219	No	01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/06/80-07/06/80	0	1	
GRBA0287	No	01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/12/80-07/12/80	0	1	
GRBA0307	No	01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/12/80-07/12/80	0	1	
GRBA0337	No	01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/10/80-07/10/80	0	1	
GRBA0338	Yes	01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/10/80-07/10/80	0	1	
GRBA0344	No	01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/10/80-07/10/80	0	1	
GRBA0349	No	01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/10/80-07/10/80	0	1	
GRBA0353	No	01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/06/80-07/06/80	0	1	
GRBA0358	No	01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/12/80-07/12/80	0	1	
GRBA0361	No	01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/12/80-07/12/80	0	1	
GRBA0362	No	01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/12/80-07/12/80	0	1	
GRBA0363	No	01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/06/80-07/06/80	0	1	
GRBA0364	No	01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/10/80-07/10/80	0	1	
GRBA0365	Yes	01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/10/80-07/10/80	0	1	
GRBA0366	Yes	01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/10/80-07/10/80	0	1	
GRBA0368	Yes	01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/10/80-07/10/80	0	1	
GRBA0370	No	01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/12/80-07/12/80	0	1	

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

Station/Parameter Period of Record Tabulation
From 08/23/66 To 10/28/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GRBA0372	No	01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/10/80-07/10/80	0	1	
GRBA0374	No	01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/06/80-07/06/80	0	1	
GRBA0376	No	01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/10/80-07/10/80	0	1	
GRBA0380	No	01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/10/80-07/10/80	0	1	
GRBA0383	No	01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/10/80-07/10/80	0	1	
GRBA0384	No	01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/12/80-07/12/80	0	1	
GRBA0385	No	01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/10/80-07/10/80	0	1	
GRBA0386	No	01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/10/80-07/10/80	0	1	
GRBA0389	No	01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/10/80-07/10/80	0	1	
GRBA0391	No	01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/12/80-07/12/80	0	1	
GRBA0396	No	01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/10/80-07/10/80	0	1	
GRBA0397	No	01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/10/80-07/10/80	0	1	
GRBA0398	No	01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/12/80-07/12/80	0	1	
GRBA0399	No	01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/10/80-07/10/80	0	1	
GRBA0400	No	01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/09/80-07/09/80	0	1	
GRBA0401	No	01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/11/80-07/11/80	0	1	
GRBA0402	No	01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/09/80-07/09/80	0	1	
GRBA0403	No	01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/09/80-07/09/80	0	1	
GRBA0404	No	01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/11/80-07/11/80	0	1	
GRBA0405	No	01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/09/80-07/09/80	0	1	
GRBA0406	No	01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/10/80-07/10/80	0	1	
GRBA0407	No	01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/11/80-07/11/80	0	1	
GRBA0409	No	01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/11/80-07/11/80	0	1	
GRBA0410	No	01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/08/80-07/08/80	0	1	
GRBA0412	No	01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/11/80-07/11/80	0	1	
GRBA0415	No	01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/04/80-07/04/80	0	1	
GRBA0417	No	01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/08/80-07/08/80	0	1	
GRBA0418	No	01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/08/80-07/08/80	0	1	
GRBA0419	No	01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/04/80-07/04/80	0	1	
GRBA0420	No	01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/04/80-07/04/80	0	1	
GRBA0422	No	01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/11/80-07/11/80	0	1	
GRBA0423	No	01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/04/80-07/04/80	0	1	
GRBA0425	No	01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/08/80-07/08/80	0	1	
GRBA0426	No	01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/04/80-07/04/80	0	1	
GRBA0428	No	01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/08/80-07/08/80	0	1	
GRBA0375	No	01203	YTTRIUM, TOTAL (UG/L AS Y)	07/06/80-07/06/80	0	1	
GRBA0381	No	01203	YTTRIUM, TOTAL (UG/L AS Y)	07/06/80-07/06/80	0	1	
GRBA0382	No	01203	YTTRIUM, TOTAL (UG/L AS Y)	07/06/80-07/06/80	0	1	
GRBA0392	No	01203	YTTRIUM, TOTAL (UG/L AS Y)	07/12/80-07/12/80	0	1	
GRBA0411	No	01203	YTTRIUM, TOTAL (UG/L AS Y)	07/11/80-07/11/80	0	1	
GRBA0413	No	01203	YTTRIUM, TOTAL (UG/L AS Y)	07/08/80-07/08/80	0	1	
GRBA0375	No	01239	NIOBIUM, TOTAL UG/L	07/06/80-07/06/80	0	1	
GRBA0381	No	01239	NIOBIUM, TOTAL UG/L	07/06/80-07/06/80	0	1	
GRBA0382	No	01239	NIOBIUM, TOTAL UG/L	07/06/80-07/06/80	0	1	
GRBA0392	No	01239	NIOBIUM, TOTAL UG/L	07/12/80-07/12/80	0	1	
GRBA0411	No	01239	NIOBIUM, TOTAL UG/L	07/11/80-07/11/80	0	1	
GRBA0413	No	01239	NIOBIUM, TOTAL UG/L	07/08/80-07/08/80	0	1	
GRBA0375	No	01243	HAFNIUM,TOTAL UG/L	07/06/80-07/06/80	0	1	
GRBA0381	No	01243	HAFNIUM,TOTAL UG/L	07/06/80-07/06/80	0	1	
GRBA0382	No	01243	HAFNIUM,TOTAL UG/L	07/06/80-07/06/80	0	1	
GRBA0392	No	01243	HAFNIUM,TOTAL UG/L	07/12/80-07/12/80	0	1	
GRBA0411	No	01243	HAFNIUM,TOTAL UG/L	07/11/80-07/11/80	0	1	
GRBA0413	No	01243	HAFNIUM,TOTAL UG/L	07/08/80-07/08/80	0	1	
GRBA0282	Yes	01519	RADIATION, GROSS ALPHA, WHOLE WATER PC/L	01/22/90-01/22/90	0	1	
GRBA0168	Yes	04208	ANIONS, SUM, TOTAL, WATER MEQ/L	06/30/89-06/30/89	0	1	
GRBA0172	No	04208	ANIONS, SUM, TOTAL, WATER MEQ/L	04/15/88-04/15/88	0	1	
GRBA0282	Yes	04208	ANIONS, SUM, TOTAL, WATER MEQ/L	01/22/90-01/22/90	0	1	
GRBA0292	Yes	04208	ANIONS, SUM, TOTAL, WATER MEQ/L	06/30/89-06/30/89	0	1	
GRBA0314	Yes	04208	ANIONS, SUM, TOTAL, WATER MEQ/L	06/30/89-06/30/89	0	1	
GRBA0316	Yes	04208	ANIONS, SUM, TOTAL, WATER MEQ/L	06/09/86-06/09/86	0	1	
GRBA0324	Yes	04208	ANIONS, SUM, TOTAL, WATER MEQ/L	06/30/89-06/30/89	0	1	
GRBA0168	Yes	04226	CATIONS, SUM, TOTAL, WATER MEQ/L	06/30/89-06/30/89	0	1	
GRBA0172	No	04226	CATIONS, SUM, TOTAL, WATER MEQ/L	04/15/88-04/15/88	0	1	
GRBA0282	Yes	04226	CATIONS, SUM, TOTAL, WATER MEQ/L	01/22/90-01/22/90	0	1	
GRBA0292	Yes	04226	CATIONS, SUM, TOTAL, WATER MEQ/L	06/30/89-06/30/89	0	1	
GRBA0314	Yes	04226	CATIONS, SUM, TOTAL, WATER MEQ/L	06/30/89-06/30/89	0	1	
GRBA0316	Yes	04226	CATIONS, SUM, TOTAL, WATER MEQ/L	06/09/86-06/09/86	0	1	
GRBA0324	Yes	04226	CATIONS, SUM, TOTAL, WATER MEQ/L	06/30/89-06/30/89	0	1	
GRBA0282	Yes	11503	RADIUM 226 + RADIUM 228,TOTAL PC/L	01/22/90-01/22/90	0	1	
GRBA0282	Yes	11504	RADIUM 226 + RADIUM 228,TOTAL,COUNTING ERROR PC/L	01/22/90-01/22/90	0	1	
GRBA0002	No	22703	URANIUM, NATURAL, DISSOLVED	07/08/80-07/08/80	0	1	
GRBA0003	No	22703	URANIUM, NATURAL, DISSOLVED	07/08/80-07/08/80	0	1	

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

Station/Parameter Period of Record Tabulation
From 08/23/66 To 10/28/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GRBA0009	No	22703	URANIUM, NATURAL, DISSOLVED	07/09/80-07/09/80	0	1	
GRBA0011	No	22703	URANIUM, NATURAL, DISSOLVED	07/15/80-07/15/80	0	1	
GRBA0036	No	22703	URANIUM, NATURAL, DISSOLVED	07/09/80-07/09/80	0	1	
GRBA0098	No	22703	URANIUM, NATURAL, DISSOLVED	07/07/80-07/07/80	0	1	
GRBA0099	Yes	22703	URANIUM, NATURAL, DISSOLVED	07/20/80-07/20/80	0	1	
GRBA0100	Yes	22703	URANIUM, NATURAL, DISSOLVED	07/20/80-07/20/80	0	1	
GRBA0122	No	22703	URANIUM, NATURAL, DISSOLVED	07/09/80-07/09/80	0	1	
GRBA0134	Yes	22703	URANIUM, NATURAL, DISSOLVED	07/19/80-07/19/80	0	1	
GRBA0148	No	22703	URANIUM, NATURAL, DISSOLVED	07/07/80-07/07/80	0	1	
GRBA0152	Yes	22703	URANIUM, NATURAL, DISSOLVED	07/19/80-07/19/80	0	1	
GRBA0174	No	22703	URANIUM, NATURAL, DISSOLVED	07/13/80-07/13/80	0	1	
GRBA0348	No	22703	URANIUM, NATURAL, DISSOLVED	07/10/80-07/10/80	0	1	
GRBA0360	No	22703	URANIUM, NATURAL, DISSOLVED	07/12/80-07/12/80	0	1	
GRBA0367	Yes	22703	URANIUM, NATURAL, DISSOLVED	07/10/80-07/10/80	0	1	
GRBA0369	Yes	22703	URANIUM, NATURAL, DISSOLVED	07/10/80-07/10/80	0	1	
GRBA0373	No	22703	URANIUM, NATURAL, DISSOLVED	07/10/80-07/10/80	0	1	
GRBA0385	No	22703	URANIUM, NATURAL, DISSOLVED	07/10/80-07/10/80	0	1	
GRBA0408	No	22703	URANIUM, NATURAL, DISSOLVED	07/11/80-07/11/80	0	1	
GRBA0414	No	22703	URANIUM, NATURAL, DISSOLVED	07/04/80-07/04/80	0	1	
GRBA0416	No	22703	URANIUM, NATURAL, DISSOLVED	07/08/80-07/08/80	0	1	
GRBA0421	No	22703	URANIUM, NATURAL, DISSOLVED	07/04/80-07/04/80	0	1	
GRBA0424	No	22703	URANIUM, NATURAL, DISSOLVED	07/08/80-07/08/80	0	1	
GRBA0427	No	22703	URANIUM, NATURAL, DISSOLVED	07/04/80-07/04/80	0	1	
GRBA0052	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/24/79-09/27/79	0	3	
GRBA0055	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/23/66-07/09/75	8	9	
GRBA0075	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/24/79-09/27/79	0	3	
GRBA0078	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/25/82-03/25/82	0	1	
GRBA0315	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/09/90-11/03/90	0	24	
GRBA0078	No	31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	03/25/82-03/25/82	0	1	
GRBA0315	Yes	31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	01/09/90-10/29/90	0	5	
GRBA0289	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/07/89-12/15/97	8	102	T,A,S
GRBA0296	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/15/95-12/15/97	2	31	
GRBA0317	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/07/89-12/15/97	8	102	T,A,S
GRBA0319	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/07/89-12/15/97	8	102	T,A,S
GRBA0326	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/05/89-12/15/97	8	95	T,A,S
GRBA0357	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/03/89-12/15/97	8	102	T,A,S
GRBA0052	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/24/79-09/27/79	0	3	
GRBA0055	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/21/69-08/21/69	0	1	
GRBA0075	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/24/79-09/27/79	0	3	
GRBA0055	No	31651	PCB 1242/1248/1260 MISC MATRIX UG/G	08/25/71-07/09/75	3	3	
GRBA0078	No	31672	FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C48	03/25/82-03/25/82	0	1	
GRBA0289	Yes	31672	FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C48	03/07/89-12/15/97	8	103	T,A,S
GRBA0296	No	31672	FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C48	04/15/95-12/15/97	2	33	
GRBA0317	No	31672	FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C48	03/07/89-12/15/97	8	101	T,A,S
GRBA0319	No	31672	FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C48	03/07/89-12/15/97	8	102	T,A,S
GRBA0326	Yes	31672	FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C48	09/05/89-12/15/97	8	95	T,A,S
GRBA0357	Yes	31672	FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C48	04/03/89-12/15/97	8	102	T,A,S
GRBA0167	Yes	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	07/22/88-07/22/88	0	1	
GRBA0291	Yes	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	07/22/88-07/22/88	0	1	
GRBA0313	Yes	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	07/22/87-07/22/87	0	1	
GRBA0323	Yes	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	07/22/88-07/22/88	0	1	
GRBA0055	No	39036	ALKALINITY,FILTERED SAMPLE AS CACO3 MG/L	08/23/66-07/09/75	8	11	
GRBA0032	Yes	50098	CALCIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/19/92-08/19/92	0	1	
GRBA0057	Yes	50098	CALCIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/30/92-08/30/92	0	1	
GRBA0088	Yes	50098	CALCIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/27/92-08/27/92	0	1	
GRBA0115	Yes	50098	CALCIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/27/92-08/27/92	0	1	
GRBA0123	Yes	50098	CALCIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/21/92-08/21/92	0	1	
GRBA0132	Yes	50098	CALCIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/26/92-08/26/92	0	1	
GRBA0154	Yes	50098	CALCIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/18/92-08/18/92	0	1	
GRBA0157	Yes	50098	CALCIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/18/92-08/18/92	0	1	
GRBA0177	Yes	50098	CALCIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/29/92-08/29/92	0	1	
GRBA0193	Yes	50098	CALCIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	06/15/92-06/15/92	0	1	
GRBA0199	Yes	50098	CALCIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/29/92-08/29/92	0	1	
GRBA0223	Yes	50098	CALCIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/23/92-08/23/92	0	1	
GRBA0237	Yes	50098	CALCIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/23/92-08/23/92	0	1	
GRBA0245	Yes	50098	CALCIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/23/92-08/23/92	0	1	
GRBA0252	Yes	50098	CALCIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/20/92-08/20/92	0	2	
GRBA0298	Yes	50098	CALCIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/25/92-08/25/92	0	1	
GRBA0378	Yes	50098	CALCIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/28/92-08/28/92	0	1	
GRBA0394	Yes	50098	CALCIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/22/92-08/22/92	0	1	
GRBA0032	Yes	50104	POTASSIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/19/92-08/19/92	0	1	
GRBA0057	Yes	50104	POTASSIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/30/92-08/30/92	0	1	

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

Station/Parameter Period of Record Tabulation
From 08/23/66 To 10/28/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GRBA0088	Yes	50104	POTASSIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/27/92-08/27/92	0	1	
GRBA0115	Yes	50104	POTASSIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/27/92-08/27/92	0	1	
GRBA0123	Yes	50104	POTASSIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/21/92-08/21/92	0	1	
GRBA0132	Yes	50104	POTASSIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/26/92-08/26/92	0	1	
GRBA0154	Yes	50104	POTASSIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/18/92-08/18/92	0	1	
GRBA0157	Yes	50104	POTASSIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/18/92-08/18/92	0	1	
GRBA0177	Yes	50104	POTASSIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/29/92-08/29/92	0	1	
GRBA0193	Yes	50104	POTASSIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	06/15/92-06/15/92	0	1	
GRBA0199	Yes	50104	POTASSIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/29/92-08/29/92	0	1	
GRBA0223	Yes	50104	POTASSIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/23/92-08/23/92	0	1	
GRBA0237	Yes	50104	POTASSIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/23/92-08/23/92	0	1	
GRBA0245	Yes	50104	POTASSIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/23/92-08/23/92	0	1	
GRBA0252	Yes	50104	POTASSIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/20/92-08/20/92	0	2	
GRBA0298	Yes	50104	POTASSIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/25/92-08/25/92	0	1	
GRBA0378	Yes	50104	POTASSIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/28/92-08/28/92	0	1	
GRBA0394	Yes	50104	POTASSIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/22/92-08/22/92	0	1	
GRBA0032	Yes	50105	MAGNESIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/19/92-08/19/92	0	1	
GRBA0057	Yes	50105	MAGNESIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/30/92-08/30/92	0	1	
GRBA0088	Yes	50105	MAGNESIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/27/92-08/27/92	0	1	
GRBA0115	Yes	50105	MAGNESIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/27/92-08/27/92	0	1	
GRBA0123	Yes	50105	MAGNESIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/21/92-08/21/92	0	1	
GRBA0132	Yes	50105	MAGNESIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/26/92-08/26/92	0	1	
GRBA0154	Yes	50105	MAGNESIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/18/92-08/18/92	0	1	
GRBA0157	Yes	50105	MAGNESIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/18/92-08/18/92	0	1	
GRBA0177	Yes	50105	MAGNESIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/29/92-08/29/92	0	1	
GRBA0193	Yes	50105	MAGNESIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	06/15/92-06/15/92	0	1	
GRBA0199	Yes	50105	MAGNESIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/29/92-08/29/92	0	1	
GRBA0223	Yes	50105	MAGNESIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/23/92-08/23/92	0	1	
GRBA0237	Yes	50105	MAGNESIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/23/92-08/23/92	0	1	
GRBA0245	Yes	50105	MAGNESIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/23/92-08/23/92	0	1	
GRBA0252	Yes	50105	MAGNESIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/20/92-08/20/92	0	2	
GRBA0298	Yes	50105	MAGNESIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/25/92-08/25/92	0	1	
GRBA0378	Yes	50105	MAGNESIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/28/92-08/28/92	0	1	
GRBA0394	Yes	50105	MAGNESIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/22/92-08/22/92	0	1	
GRBA0032	Yes	50108	SODIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/19/92-08/19/92	0	1	
GRBA0057	Yes	50108	SODIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/30/92-08/30/92	0	1	
GRBA0088	Yes	50108	SODIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/27/92-08/27/92	0	1	
GRBA0115	Yes	50108	SODIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/27/92-08/27/92	0	1	
GRBA0123	Yes	50108	SODIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/21/92-08/21/92	0	1	
GRBA0132	Yes	50108	SODIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/26/92-08/26/92	0	1	
GRBA0154	Yes	50108	SODIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/18/92-08/18/92	0	1	
GRBA0157	Yes	50108	SODIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/18/92-08/18/92	0	1	
GRBA0177	Yes	50108	SODIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/29/92-08/29/92	0	1	
GRBA0193	Yes	50108	SODIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	06/15/92-06/15/92	0	1	
GRBA0199	Yes	50108	SODIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/29/92-08/29/92	0	1	
GRBA0223	Yes	50108	SODIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/23/92-08/23/92	0	1	
GRBA0237	Yes	50108	SODIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/23/92-08/23/92	0	1	
GRBA0245	Yes	50108	SODIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/23/92-08/23/92	0	1	
GRBA0252	Yes	50108	SODIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/20/92-08/20/92	0	2	
GRBA0298	Yes	50108	SODIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/25/92-08/25/92	0	1	
GRBA0378	Yes	50108	SODIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/28/92-08/28/92	0	1	
GRBA0394	Yes	50108	SODIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/22/92-08/22/92	0	1	
GRBA0219	No	50576	HAFNIUM, DISSOLVED UG/L	07/06/80-07/06/80	0	1	
GRBA0287	No	50576	HAFNIUM, DISSOLVED UG/L	07/12/80-07/12/80	0	1	
GRBA0307	No	50576	HAFNIUM, DISSOLVED UG/L	07/12/80-07/12/80	0	1	
GRBA0337	No	50576	HAFNIUM, DISSOLVED UG/L	07/10/80-07/10/80	0	1	
GRBA0338	Yes	50576	HAFNIUM, DISSOLVED UG/L	07/10/80-07/10/80	0	1	
GRBA0344	No	50576	HAFNIUM, DISSOLVED UG/L	07/10/80-07/10/80	0	1	
GRBA0353	No	50576	HAFNIUM, DISSOLVED UG/L	07/06/80-07/06/80	0	1	
GRBA0358	No	50576	HAFNIUM, DISSOLVED UG/L	07/12/80-07/12/80	0	1	
GRBA0362	No	50576	HAFNIUM, DISSOLVED UG/L	07/12/80-07/12/80	0	1	
GRBA0363	No	50576	HAFNIUM, DISSOLVED UG/L	07/06/80-07/06/80	0	1	
GRBA0364	No	50576	HAFNIUM, DISSOLVED UG/L	07/10/80-07/10/80	0	1	
GRBA0365	Yes	50576	HAFNIUM, DISSOLVED UG/L	07/10/80-07/10/80	0	1	
GRBA0370	No	50576	HAFNIUM, DISSOLVED UG/L	07/12/80-07/12/80	0	1	
GRBA0374	No	50576	HAFNIUM, DISSOLVED UG/L	07/06/80-07/06/80	0	1	
GRBA0376	No	50576	HAFNIUM, DISSOLVED UG/L	07/10/80-07/10/80	0	1	
GRBA0380	No	50576	HAFNIUM, DISSOLVED UG/L	07/10/80-07/10/80	0	1	
GRBA0383	No	50576	HAFNIUM, DISSOLVED UG/L	07/10/80-07/10/80	0	1	
GRBA0384	No	50576	HAFNIUM, DISSOLVED UG/L	07/12/80-07/12/80	0	1	
GRBA0386	No	50576	HAFNIUM, DISSOLVED UG/L	07/10/80-07/10/80	0	1	
GRBA0389	No	50576	HAFNIUM, DISSOLVED UG/L	07/10/80-07/10/80	0	1	

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

Station/Parameter Period of Record Tabulation
From 08/23/66 To 10/28/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GRBA0391	No	50576	HAFNIUM, DISSOLVED UG/L	07/12/80-07/12/80	0	1	
GRBA0396	No	50576	HAFNIUM, DISSOLVED UG/L	07/10/80-07/10/80	0	1	
GRBA0397	No	50576	HAFNIUM, DISSOLVED UG/L	07/10/80-07/10/80	0	1	
GRBA0398	No	50576	HAFNIUM, DISSOLVED UG/L	07/12/80-07/12/80	0	1	
GRBA0399	No	50576	HAFNIUM, DISSOLVED UG/L	07/10/80-07/10/80	0	1	
GRBA0400	No	50576	HAFNIUM, DISSOLVED UG/L	07/09/80-07/09/80	0	1	
GRBA0401	No	50576	HAFNIUM, DISSOLVED UG/L	07/11/80-07/11/80	0	1	
GRBA0402	No	50576	HAFNIUM, DISSOLVED UG/L	07/09/80-07/09/80	0	1	
GRBA0403	No	50576	HAFNIUM, DISSOLVED UG/L	07/09/80-07/09/80	0	1	
GRBA0404	No	50576	HAFNIUM, DISSOLVED UG/L	07/11/80-07/11/80	0	1	
GRBA0405	No	50576	HAFNIUM, DISSOLVED UG/L	07/09/80-07/09/80	0	1	
GRBA0406	No	50576	HAFNIUM, DISSOLVED UG/L	07/10/80-07/10/80	0	1	
GRBA0409	No	50576	HAFNIUM, DISSOLVED UG/L	07/11/80-07/11/80	0	1	
GRBA0410	No	50576	HAFNIUM, DISSOLVED UG/L	07/08/80-07/08/80	0	1	
GRBA0412	No	50576	HAFNIUM, DISSOLVED UG/L	07/11/80-07/11/80	0	1	
GRBA0418	No	50576	HAFNIUM, DISSOLVED UG/L	07/08/80-07/08/80	0	1	
GRBA0419	No	50576	HAFNIUM, DISSOLVED UG/L	07/04/80-07/04/80	0	1	
GRBA0422	No	50576	HAFNIUM, DISSOLVED UG/L	07/11/80-07/11/80	0	1	
GRBA0423	No	50576	HAFNIUM, DISSOLVED UG/L	07/04/80-07/04/80	0	1	
GRBA0428	No	50576	HAFNIUM, DISSOLVED UG/L	07/08/80-07/08/80	0	1	
GRBA0219	No	50580	NIOBIUM, DISSOLVED UG/L	07/06/80-07/06/80	0	1	
GRBA0287	No	50580	NIOBIUM, DISSOLVED UG/L	07/12/80-07/12/80	0	1	
GRBA0307	No	50580	NIOBIUM, DISSOLVED UG/L	07/12/80-07/12/80	0	1	
GRBA0337	No	50580	NIOBIUM, DISSOLVED UG/L	07/10/80-07/10/80	0	1	
GRBA0338	Yes	50580	NIOBIUM, DISSOLVED UG/L	07/10/80-07/10/80	0	1	
GRBA0344	No	50580	NIOBIUM, DISSOLVED UG/L	07/10/80-07/10/80	0	1	
GRBA0353	No	50580	NIOBIUM, DISSOLVED UG/L	07/06/80-07/06/80	0	1	
GRBA0358	No	50580	NIOBIUM, DISSOLVED UG/L	07/12/80-07/12/80	0	1	
GRBA0362	No	50580	NIOBIUM, DISSOLVED UG/L	07/12/80-07/12/80	0	1	
GRBA0363	No	50580	NIOBIUM, DISSOLVED UG/L	07/06/80-07/06/80	0	1	
GRBA0364	No	50580	NIOBIUM, DISSOLVED UG/L	07/10/80-07/10/80	0	1	
GRBA0365	Yes	50580	NIOBIUM, DISSOLVED UG/L	07/10/80-07/10/80	0	1	
GRBA0370	No	50580	NIOBIUM, DISSOLVED UG/L	07/12/80-07/12/80	0	1	
GRBA0374	No	50580	NIOBIUM, DISSOLVED UG/L	07/06/80-07/06/80	0	1	
GRBA0376	No	50580	NIOBIUM, DISSOLVED UG/L	07/10/80-07/10/80	0	1	
GRBA0380	No	50580	NIOBIUM, DISSOLVED UG/L	07/10/80-07/10/80	0	1	
GRBA0383	No	50580	NIOBIUM, DISSOLVED UG/L	07/10/80-07/10/80	0	1	
GRBA0384	No	50580	NIOBIUM, DISSOLVED UG/L	07/12/80-07/12/80	0	1	
GRBA0386	No	50580	NIOBIUM, DISSOLVED UG/L	07/10/80-07/10/80	0	1	
GRBA0389	No	50580	NIOBIUM, DISSOLVED UG/L	07/10/80-07/10/80	0	1	
GRBA0391	No	50580	NIOBIUM, DISSOLVED UG/L	07/12/80-07/12/80	0	1	
GRBA0396	No	50580	NIOBIUM, DISSOLVED UG/L	07/10/80-07/10/80	0	1	
GRBA0397	No	50580	NIOBIUM, DISSOLVED UG/L	07/10/80-07/10/80	0	1	
GRBA0398	No	50580	NIOBIUM, DISSOLVED UG/L	07/12/80-07/12/80	0	1	
GRBA0399	No	50580	NIOBIUM, DISSOLVED UG/L	07/10/80-07/10/80	0	1	
GRBA0400	No	50580	NIOBIUM, DISSOLVED UG/L	07/09/80-07/09/80	0	1	
GRBA0401	No	50580	NIOBIUM, DISSOLVED UG/L	07/11/80-07/11/80	0	1	
GRBA0402	No	50580	NIOBIUM, DISSOLVED UG/L	07/09/80-07/09/80	0	1	
GRBA0403	No	50580	NIOBIUM, DISSOLVED UG/L	07/09/80-07/09/80	0	1	
GRBA0404	No	50580	NIOBIUM, DISSOLVED UG/L	07/11/80-07/11/80	0	1	
GRBA0405	No	50580	NIOBIUM, DISSOLVED UG/L	07/09/80-07/09/80	0	1	
GRBA0406	No	50580	NIOBIUM, DISSOLVED UG/L	07/10/80-07/10/80	0	1	
GRBA0409	No	50580	NIOBIUM, DISSOLVED UG/L	07/11/80-07/11/80	0	1	
GRBA0410	No	50580	NIOBIUM, DISSOLVED UG/L	07/08/80-07/08/80	0	1	
GRBA0412	No	50580	NIOBIUM, DISSOLVED UG/L	07/11/80-07/11/80	0	1	
GRBA0418	No	50580	NIOBIUM, DISSOLVED UG/L	07/08/80-07/08/80	0	1	
GRBA0419	No	50580	NIOBIUM, DISSOLVED UG/L	07/04/80-07/04/80	0	1	
GRBA0422	No	50580	NIOBIUM, DISSOLVED UG/L	07/11/80-07/11/80	0	1	
GRBA0423	No	50580	NIOBIUM, DISSOLVED UG/L	07/04/80-07/04/80	0	1	
GRBA0428	No	50580	NIOBIUM, DISSOLVED UG/L	07/08/80-07/08/80	0	1	
GRBA0002	No	50700	FLUORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	07/08/80-07/08/80	0	1	
GRBA0003	No	50700	FLUORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	07/08/80-07/08/80	0	1	
GRBA0009	No	50700	FLUORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	07/09/80-07/09/80	0	1	
GRBA0011	No	50700	FLUORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	07/15/80-07/15/80	0	1	
GRBA0036	No	50700	FLUORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	07/09/80-07/09/80	0	1	
GRBA0098	No	50700	FLUORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	07/07/80-07/07/80	0	1	
GRBA0099	Yes	50700	FLUORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	07/20/80-07/20/80	0	1	
GRBA0100	Yes	50700	FLUORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	07/20/80-07/20/80	0	1	
GRBA0122	No	50700	FLUORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	07/09/80-07/09/80	0	1	
GRBA0148	No	50700	FLUORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	07/07/80-07/07/80	0	1	
GRBA0174	No	50700	FLUORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	07/13/80-07/13/80	0	1	
GRBA0348	No	50700	FLUORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	07/10/80-07/10/80	0	1	

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

Station/Parameter Period of Record Tabulation
From 08/23/66 To 10/28/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GRBA0360	No	50700	FLUORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	07/12/80-07/12/80	0	1	
GRBA0367	Yes	50700	FLUORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	07/10/80-07/10/80	0	1	
GRBA0369	Yes	50700	FLUORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	07/10/80-07/10/80	0	1	
GRBA0373	No	50700	FLUORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	07/10/80-07/10/80	0	1	
GRBA0385	No	50700	FLUORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	07/10/80-07/10/80	0	1	
GRBA0408	No	50700	FLUORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	07/11/80-07/11/80	0	1	
GRBA0414	No	50700	FLUORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	07/04/80-07/04/80	0	1	
GRBA0002	No	50760	CHLORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	07/08/80-07/08/80	0	1	
GRBA0003	No	50760	CHLORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	07/08/80-07/08/80	0	1	
GRBA0009	No	50760	CHLORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	07/09/80-07/09/80	0	1	
GRBA0011	No	50760	CHLORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	07/15/80-07/15/80	0	1	
GRBA0036	No	50760	CHLORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	07/09/80-07/09/80	0	1	
GRBA0098	No	50760	CHLORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	07/07/80-07/07/80	0	1	
GRBA0099	Yes	50760	CHLORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	07/20/80-07/20/80	0	1	
GRBA0100	Yes	50760	CHLORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	07/20/80-07/20/80	0	1	
GRBA0122	No	50760	CHLORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	07/09/80-07/09/80	0	1	
GRBA0134	Yes	50760	CHLORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	07/19/80-07/19/80	0	1	
GRBA0148	No	50760	CHLORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	07/07/80-07/07/80	0	1	
GRBA0152	Yes	50760	CHLORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	07/19/80-07/19/80	0	1	
GRBA0174	No	50760	CHLORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	07/13/80-07/13/80	0	1	
GRBA0348	No	50760	CHLORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	07/10/80-07/10/80	0	1	
GRBA0360	No	50760	CHLORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	07/12/80-07/12/80	0	1	
GRBA0369	Yes	50760	CHLORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	07/10/80-07/10/80	0	1	
GRBA0373	No	50760	CHLORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	07/10/80-07/10/80	0	1	
GRBA0385	No	50760	CHLORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	07/10/80-07/10/80	0	1	
GRBA0408	No	50760	CHLORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	07/11/80-07/11/80	0	1	
GRBA0414	No	50760	CHLORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	07/04/80-07/04/80	0	1	
GRBA0416	No	50760	CHLORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	07/08/80-07/08/80	0	1	
GRBA0421	No	50760	CHLORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	07/04/80-07/04/80	0	1	
GRBA0424	No	50760	CHLORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	07/08/80-07/08/80	0	1	
GRBA0427	No	50760	CHLORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	07/04/80-07/04/80	0	1	
GRBA0098	No	50761	BROMINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	07/07/80-07/07/80	0	1	
GRBA0122	No	50761	BROMINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	07/09/80-07/09/80	0	1	
GRBA0174	No	50761	BROMINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	07/13/80-07/13/80	0	1	
GRBA0348	No	50761	BROMINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	07/10/80-07/10/80	0	1	
GRBA0367	Yes	50761	BROMINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	07/10/80-07/10/80	0	1	
GRBA0414	No	50761	BROMINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	07/04/80-07/04/80	0	1	
GRBA0416	No	50761	BROMINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	07/08/80-07/08/80	0	1	
GRBA0421	No	50761	BROMINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	07/04/80-07/04/80	0	1	
GRBA0424	No	50761	BROMINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	07/08/80-07/08/80	0	1	
GRBA0427	No	50761	BROMINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	07/04/80-07/04/80	0	1	
GRBA0032	Yes	50932	SULFUR, DISSOLVED AS S MG/L	08/19/92-08/19/92	0	1	
GRBA0057	Yes	50932	SULFUR, DISSOLVED AS S MG/L	08/30/92-08/30/92	0	1	
GRBA0088	Yes	50932	SULFUR, DISSOLVED AS S MG/L	08/27/92-08/27/92	0	1	
GRBA0115	Yes	50932	SULFUR, DISSOLVED AS S MG/L	08/27/92-08/27/92	0	1	
GRBA0123	Yes	50932	SULFUR, DISSOLVED AS S MG/L	08/21/92-08/21/92	0	1	
GRBA0132	Yes	50932	SULFUR, DISSOLVED AS S MG/L	08/26/92-08/26/92	0	1	
GRBA0154	Yes	50932	SULFUR, DISSOLVED AS S MG/L	08/18/92-08/18/92	0	1	
GRBA0157	Yes	50932	SULFUR, DISSOLVED AS S MG/L	08/18/92-08/18/92	0	1	
GRBA0177	Yes	50932	SULFUR, DISSOLVED AS S MG/L	08/29/92-08/29/92	0	1	
GRBA0193	Yes	50932	SULFUR, DISSOLVED AS S MG/L	06/15/92-06/15/92	0	1	
GRBA0199	Yes	50932	SULFUR, DISSOLVED AS S MG/L	08/29/92-08/29/92	0	1	
GRBA0223	Yes	50932	SULFUR, DISSOLVED AS S MG/L	08/23/92-08/23/92	0	1	
GRBA0237	Yes	50932	SULFUR, DISSOLVED AS S MG/L	08/23/92-08/23/92	0	1	
GRBA0245	Yes	50932	SULFUR, DISSOLVED AS S MG/L	08/23/92-08/23/92	0	1	
GRBA0252	Yes	50932	SULFUR, DISSOLVED AS S MG/L	08/20/92-08/20/92	0	2	
GRBA0298	Yes	50932	SULFUR, DISSOLVED AS S MG/L	08/25/92-08/25/92	0	1	
GRBA0378	Yes	50932	SULFUR, DISSOLVED AS S MG/L	08/28/92-08/28/92	0	1	
GRBA0394	Yes	50932	SULFUR, DISSOLVED AS S MG/L	08/22/92-08/22/92	0	1	
GRBA0032	Yes	50938	ANION - CATION RATIO	08/19/92-08/19/92	0	2	
GRBA0088	Yes	50938	ANION - CATION RATIO	08/27/92-08/27/92	0	1	
GRBA0123	Yes	50938	ANION - CATION RATIO	08/21/92-08/21/92	0	1	
GRBA0154	Yes	50938	ANION - CATION RATIO	08/18/92-08/18/92	0	1	
GRBA0168	Yes	50938	ANION - CATION RATIO	06/30/89-06/30/89	0	1	
GRBA0172	No	50938	ANION - CATION RATIO	04/15/88-04/15/88	0	1	
GRBA0177	Yes	50938	ANION - CATION RATIO	08/29/92-08/29/92	0	1	
GRBA0193	Yes	50938	ANION - CATION RATIO	08/25/92-08/25/92	0	1	
GRBA0199	Yes	50938	ANION - CATION RATIO	08/29/92-08/29/92	0	1	
GRBA0245	Yes	50938	ANION - CATION RATIO	08/23/92-08/23/92	0	1	
GRBA0252	Yes	50938	ANION - CATION RATIO	08/20/92-08/20/92	0	1	
GRBA0282	Yes	50938	ANION - CATION RATIO	01/22/90-01/22/90	0	1	
GRBA0292	Yes	50938	ANION - CATION RATIO	06/30/89-06/30/89	0	1	

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

Station/Parameter Period of Record Tabulation
From 08/23/66 To 10/28/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GRBA0298	Yes	50938	ANION - CATION RATIO	07/15/92-07/15/92	0	1	
GRBA0314	Yes	50938	ANION - CATION RATIO	06/30/89-06/30/89	0	1	
GRBA0316	Yes	50938	ANION - CATION RATIO	06/09/86-06/09/86	0	1	
GRBA0324	Yes	50938	ANION - CATION RATIO	06/30/89-06/30/89	0	1	
GRBA0378	Yes	50938	ANION - CATION RATIO	08/28/92-08/28/92	0	1	
GRBA0269	Yes	61027	ANIONS, SUM, TOTAL IN WATER MG/L	12/07/68-12/07/68	0	1	
GRBA0270	Yes	61027	ANIONS, SUM, TOTAL IN WATER MG/L	12/06/68-12/06/68	0	1	
GRBA0271	Yes	61027	ANIONS, SUM, TOTAL IN WATER MG/L	12/07/68-12/07/68	0	1	
GRBA0273	Yes	61027	ANIONS, SUM, TOTAL IN WATER MG/L	12/05/68-12/06/68	0	5	
GRBA0289	Yes	61206	E.COLI, WATER, MMO-MUG, MPN MPN/100ML	11/15/96-12/15/96	0	2	
GRBA0296	No	61206	E.COLI, WATER, MMO-MUG, MPN MPN/100ML	11/15/96-12/15/96	0	2	
GRBA0317	No	61206	E.COLI, WATER, MMO-MUG, MPN MPN/100ML	11/15/96-12/15/96	0	2	
GRBA0319	No	61206	E.COLI, WATER, MMO-MUG, MPN MPN/100ML	11/15/96-12/15/96	0	2	
GRBA0326	Yes	61206	E.COLI, WATER, MMO-MUG, MPN MPN/100ML	11/15/96-12/15/96	0	2	
GRBA0357	Yes	61206	E.COLI, WATER, MMO-MUG, MPN MPN/100ML	11/15/96-11/15/96	0	1	
GRBA0282	Yes	61278	BETA, GROSS, COUNTING ERROR, WHOLE WATER PCI/L	01/22/90-01/22/90	0	1	
GRBA0282	Yes	61279	ALPHA, GROSS, COUNTING ERROR, WHOLE WATER PCI/L	01/22/90-01/22/90	0	1	
GRBA0055	No	70295	RESIDUE,TOTAL FILTRABLE (DRIED AT ANY TEMP),MG/L	08/23/66-07/09/75	8	11	
GRBA0032	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/19/92-08/19/92	0	1	
GRBA0052	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/24/79-09/27/79	0	3	
GRBA0057	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/30/92-08/30/92	0	2	
GRBA0075	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/24/79-09/27/79	0	3	
GRBA0078	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/25/82-11/16/88	6	9	
GRBA0088	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/27/92-08/27/92	0	1	
GRBA0115	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/27/92-08/27/92	0	1	
GRBA0123	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/21/92-08/21/92	0	1	
GRBA0132	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/26/92-08/26/92	0	1	
GRBA0154	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/18/92-08/18/92	0	1	
GRBA0157	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/18/92-08/18/92	0	1	
GRBA0167	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/22/88-07/22/88	0	1	
GRBA0168	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/30/89-06/30/89	0	1	
GRBA0172	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/15/88-04/15/88	0	1	
GRBA0177	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/29/92-08/29/92	0	1	
GRBA0193	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/25/92-08/25/92	0	1	
GRBA0199	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/29/92-08/29/92	0	1	
GRBA0223	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/23/92-08/23/92	0	1	
GRBA0237	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/23/92-08/23/92	0	1	
GRBA0245	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/23/92-08/23/92	0	1	
GRBA0252	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/20/92-08/20/92	0	2	
GRBA0282	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/22/90-01/22/90	0	1	
GRBA0291	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/22/88-07/22/88	0	1	
GRBA0292	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/30/89-06/30/89	0	1	
GRBA0298	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/25/92-08/30/92	0	3	
GRBA0313	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/22/87-07/22/87	0	1	
GRBA0314	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/30/89-06/30/89	0	1	
GRBA0322	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/27/87-10/25/89	2	3	
GRBA0323	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/22/88-07/22/88	0	1	
GRBA0324	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/30/89-06/30/89	0	1	
GRBA0378	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/28/92-08/28/92	0	1	
GRBA0394	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/22/92-08/22/92	0	2	
GRBA0032	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/19/92-08/19/92	0	1	
GRBA0057	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/30/92-08/30/92	0	1	
GRBA0123	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/21/92-08/21/92	0	1	
GRBA0154	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/18/92-08/18/92	0	1	
GRBA0157	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/18/92-08/18/92	0	1	
GRBA0177	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/29/92-08/29/92	0	1	
GRBA0193	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/25/92-08/25/92	0	1	
GRBA0199	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/29/92-08/29/92	0	1	
GRBA0252	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/20/92-08/20/92	0	1	
GRBA0298	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/30/92-08/30/92	0	1	
GRBA0378	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/28/92-08/28/92	0	1	
GRBA0394	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/22/92-08/22/92	0	1	
GRBA0168	Yes	70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	06/30/89-06/30/89	0	1	
GRBA0172	No	70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	04/15/88-04/15/88	0	1	
GRBA0282	Yes	70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	01/22/90-01/22/90	0	1	
GRBA0314	Yes	70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	06/30/89-06/30/89	0	1	
GRBA0316	Yes	70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	06/09/86-06/09/86	0	1	
GRBA0078	No	71830	HYDROXIDE ION (MG/L AS OH)	03/25/82-11/16/88	6	9	
GRBA0055	No	71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	08/23/66-07/09/75	8	10	
GRBA0055	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/23/66-07/09/75	8	10	
GRBA0172	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	04/15/88-04/15/88	0	1	
GRBA0078	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	10/30/84-10/30/84	0	1	

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

Station/Parameter Period of Record Tabulation
From 08/23/66 To 10/28/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GRBA0322	Yes	71890	MERCURY, DISSOLVED (UG/L AS HG)	08/27/87-10/25/89	2	3	
GRBA0078	No	71900	MERCURY, TOTAL (UG/L AS HG)	03/25/82-11/16/88	6	9	
GRBA0282	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	01/22/90-01/22/90	0	1	
GRBA0313	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	07/22/87-07/22/87	0	1	
GRBA0316	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	06/09/86-06/09/86	0	1	
GRBA0045	Yes	72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/28/89-05/28/89	0	1	
GRBA0054	Yes	72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/28/89-05/28/89	0	1	
GRBA0061	Yes	72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/28/89-05/28/89	0	1	
GRBA0064	Yes	72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/28/89-05/28/89	0	1	
GRBA0070	Yes	72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/28/89-05/28/89	0	1	
GRBA0080	Yes	72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/27/89-05/27/89	0	1	
GRBA0084	Yes	72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/26/89-05/26/89	0	1	
GRBA0085	Yes	72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/26/89-05/26/89	0	1	
GRBA0086	Yes	72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/26/89-05/26/89	0	1	
GRBA0087	Yes	72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/26/89-05/26/89	0	1	
GRBA0090	Yes	72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/26/89-05/26/89	0	1	
GRBA0091	Yes	72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/26/89-05/26/89	0	1	
GRBA0092	Yes	72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/26/89-05/26/89	0	1	
GRBA0093	Yes	72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/26/89-05/26/89	0	1	
GRBA0096	Yes	72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/27/89-05/27/89	0	1	
GRBA0105	Yes	72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/27/89-05/27/89	0	1	
GRBA0106	Yes	72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/27/89-05/27/89	0	4	
GRBA0107	Yes	72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/27/89-05/27/89	0	1	
GRBA0108	Yes	72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/27/89-05/27/89	0	1	
GRBA0109	Yes	72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/27/89-05/27/89	0	2	
GRBA0112	Yes	72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/27/89-05/27/89	0	3	
GRBA0114	Yes	72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/27/89-05/27/89	0	1	
GRBA0117	Yes	72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/27/89-05/27/89	0	3	
GRBA0118	Yes	72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/27/89-05/27/89	0	1	
GRBA0119	Yes	72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/27/89-05/27/89	0	4	
GRBA0120	Yes	72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/27/89-05/27/89	0	2	
GRBA0128	Yes	72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/29/89-05/29/89	0	1	
GRBA0130	Yes	72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/29/89-05/29/89	0	1	
GRBA0135	Yes	72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/29/89-05/29/89	0	2	
GRBA0137	Yes	72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/29/89-05/29/89	0	1	
GRBA0138	Yes	72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/29/89-05/29/89	0	2	
GRBA0139	Yes	72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/29/89-05/29/89	0	2	
GRBA0141	Yes	72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/29/89-05/29/89	0	2	
GRBA0143	Yes	72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/29/89-05/29/89	0	1	
GRBA0144	Yes	72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/29/89-05/29/89	0	1	
GRBA0163	Yes	72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/30/89-05/30/89	0	1	
GRBA0210	No	72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/31/89-05/31/89	0	1	
GRBA0212	Yes	72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/23/89-05/23/89	0	1	
GRBA0213	Yes	72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/23/89-05/23/89	0	1	
GRBA0215	Yes	72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/23/89-05/23/89	0	1	
GRBA0216	Yes	72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/23/89-05/23/89	0	1	
GRBA0217	Yes	72009	ELEVATION OF LAND SURFACE IN FEET (BM)	02/28/89-02/28/89	0	1	
GRBA0221	Yes	72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/23/89-05/23/89	0	2	
GRBA0222	Yes	72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/23/89-05/23/89	0	2	
GRBA0225	Yes	72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/23/89-05/23/89	0	2	
GRBA0226	Yes	72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/23/89-05/23/89	0	2	
GRBA0227	Yes	72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/23/89-05/23/89	0	1	
GRBA0228	Yes	72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/23/89-05/23/89	0	1	
GRBA0229	Yes	72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/23/89-05/23/89	0	1	
GRBA0230	Yes	72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/23/89-05/23/89	0	1	
GRBA0232	Yes	72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/23/89-05/23/89	0	1	
GRBA0235	Yes	72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/23/89-05/23/89	0	1	
GRBA0236	Yes	72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/23/89-05/23/89	0	1	
GRBA0239	Yes	72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/23/89-05/23/89	0	1	
GRBA0240	Yes	72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/23/89-05/23/89	0	1	
GRBA0241	Yes	72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/23/89-05/23/89	0	1	
GRBA0243	Yes	72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/24/89-05/24/89	0	1	
GRBA0244	Yes	72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/24/89-05/24/89	0	2	
GRBA0248	Yes	72009	ELEVATION OF LAND SURFACE IN FEET (BM)	03/01/89-03/01/89	0	1	
GRBA0249	Yes	72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/24/89-05/24/89	0	2	
GRBA0250	Yes	72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/24/89-05/24/89	0	2	
GRBA0251	Yes	72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/24/89-05/24/89	0	1	
GRBA0254	Yes	72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/31/89-05/31/89	0	1	
GRBA0255	Yes	72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/24/89-05/24/89	0	2	
GRBA0256	Yes	72009	ELEVATION OF LAND SURFACE IN FEET (BM)	03/02/89-03/02/89	0	1	
GRBA0257	Yes	72009	ELEVATION OF LAND SURFACE IN FEET (BM)	03/01/89-03/01/89	0	2	
GRBA0258	Yes	72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/24/89-05/24/89	0	1	

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

Station/Parameter Period of Record Tabulation
From 08/23/66 To 10/28/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GRBA0260	Yes	72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/24/89-05/24/89	0	2	
GRBA0263	Yes	72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/24/89-05/24/89	0	2	
GRBA0266	Yes	72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/24/89-05/24/89	0	2	
GRBA0268	Yes	72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/24/89-05/24/89	0	2	
GRBA0281	Yes	72009	ELEVATION OF LAND SURFACE IN FEET (BM)	03/05/89-03/05/89	0	1	
GRBA0305	Yes	72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/24/89-05/24/89	0	1	
GRBA0306	Yes	72009	ELEVATION OF LAND SURFACE IN FEET (BM)	03/03/89-03/03/89	0	1	
GRBA0333	Yes	72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/28/89-05/28/89	0	1	
GRBA0334	Yes	72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/31/89-05/31/89	0	2	
GRBA0346	Yes	72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/28/89-05/28/89	0	1	
GRBA0355	Yes	72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/28/89-05/28/89	0	1	
GRBA0078	No	74010	IRON, TOTAL (MG/L AS FE)	03/25/82-11/16/88	6	9	
GRBA0084	Yes	81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	05/26/89-05/26/89	0	1	
GRBA0085	Yes	81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	05/26/89-05/26/89	0	1	
GRBA0086	Yes	81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	05/26/89-05/26/89	0	1	
GRBA0087	Yes	81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	05/26/89-05/26/89	0	1	
GRBA0091	Yes	81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	05/26/89-05/26/89	0	1	
GRBA0092	Yes	81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	05/26/89-05/26/89	0	1	
GRBA0093	Yes	81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	05/26/89-05/26/89	0	1	
GRBA0105	Yes	81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	05/27/89-05/27/89	0	1	
GRBA0106	Yes	81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	05/27/89-05/27/89	0	1	
GRBA0107	Yes	81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	05/27/89-05/27/89	0	1	
GRBA0108	Yes	81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	05/27/89-05/27/89	0	1	
GRBA0109	Yes	81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	05/27/89-05/27/89	0	1	
GRBA0112	Yes	81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	05/27/89-05/27/89	0	1	
GRBA0117	Yes	81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	05/27/89-05/27/89	0	1	
GRBA0118	Yes	81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	05/27/89-05/27/89	0	1	
GRBA0119	Yes	81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	05/27/89-05/27/89	0	1	
GRBA0120	Yes	81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	05/27/89-05/27/89	0	1	
GRBA0128	Yes	81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	05/29/89-05/29/89	0	1	
GRBA0135	Yes	81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	05/29/89-05/29/89	0	1	
GRBA0137	Yes	81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	05/29/89-05/29/89	0	1	
GRBA0138	Yes	81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	05/29/89-05/29/89	0	1	
GRBA0139	Yes	81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	05/29/89-05/29/89	0	1	
GRBA0141	Yes	81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	05/29/89-05/29/89	0	1	
GRBA0143	Yes	81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	05/29/89-05/29/89	0	1	
GRBA0144	Yes	81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	05/29/89-05/29/89	0	1	
GRBA0216	Yes	81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	05/23/89-05/23/89	0	1	
GRBA0221	Yes	81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	05/23/89-05/23/89	0	1	
GRBA0222	Yes	81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	05/23/89-05/23/89	0	1	
GRBA0226	Yes	81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	05/23/89-05/23/89	0	1	
GRBA0227	Yes	81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	05/23/89-05/23/89	0	1	
GRBA0228	Yes	81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	05/23/89-05/23/89	0	1	
GRBA0230	Yes	81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	05/23/89-05/23/89	0	1	
GRBA0243	Yes	81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	05/24/89-05/24/89	0	1	
GRBA0244	Yes	81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	05/24/89-05/24/89	0	1	
GRBA0249	Yes	81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	05/24/89-05/24/89	0	1	
GRBA0250	Yes	81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	05/24/89-05/24/89	0	1	
GRBA0255	Yes	81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	05/24/89-05/24/89	0	1	
GRBA0256	Yes	81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	03/02/89-03/02/89	0	1	
GRBA0258	Yes	81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	05/24/89-05/24/89	0	1	
GRBA0260	Yes	81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	05/24/89-05/24/89	0	1	
GRBA0263	Yes	81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	05/24/89-05/24/89	0	1	
GRBA0266	Yes	81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	05/24/89-05/24/89	0	1	
GRBA0268	Yes	81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	05/24/89-05/24/89	0	1	
GRBA0375	No	82033	MAGNESIUM - TOTAL UG/L(AS MG)	07/06/80-07/06/80	0	1	
GRBA0381	No	82033	MAGNESIUM - TOTAL UG/L(AS MG)	07/06/80-07/06/80	0	1	
GRBA0382	No	82033	MAGNESIUM - TOTAL UG/L(AS MG)	07/06/80-07/06/80	0	1	
GRBA0392	No	82033	MAGNESIUM - TOTAL UG/L(AS MG)	07/12/80-07/12/80	0	1	
GRBA0411	No	82033	MAGNESIUM - TOTAL UG/L(AS MG)	07/11/80-07/11/80	0	1	
GRBA0413	No	82033	MAGNESIUM - TOTAL UG/L(AS MG)	07/08/80-07/08/80	0	1	
GRBA0052	No	82078	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	05/24/79-09/27/79	0	3	
GRBA0075	No	82078	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	05/24/79-09/27/79	0	3	
GRBA0312	Yes	82078	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	08/01/95-08/28/95	0	28	
GRBA0055	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/21/69-07/09/75	5	5	
GRBA0167	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	07/22/88-07/22/88	0	1	
GRBA0172	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	04/15/88-04/15/88	0	1	
GRBA0282	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/22/90-01/22/90	0	1	
GRBA0291	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	07/22/88-07/22/88	0	1	
GRBA0313	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	07/22/87-07/22/87	0	1	
GRBA0315	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/03/90-11/30/90	0	216	
GRBA0323	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	07/22/88-07/22/88	0	1	

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

Station/Parameter Period of Record Tabulation
From 08/23/66 To 10/28/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GRBA0006	No	82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	06/14/83-06/14/83	0	1	
GRBA0007	No	82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	06/14/83-06/14/83	0	1	
GRBA0010	No	82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	06/14/83-06/14/83	0	1	
GRBA0102	Yes	82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	09/15/90-09/15/90	0	1	
GRBA0103	Yes	82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	10/15/90-09/15/91	0	5	
GRBA0104	Yes	82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	09/15/90-09/15/90	0	1	
GRBA0111	Yes	82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	09/15/90-09/15/91	1	6	
GRBA0125	Yes	82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	09/15/90-09/15/91	1	7	
GRBA0127	Yes	82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	08/15/90-08/15/91	1	4	
GRBA0131	Yes	82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	05/15/91-07/15/91	0	4	
GRBA0136	Yes	82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	08/15/90-09/15/91	1	4	
GRBA0142	Yes	82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	08/15/90-09/15/91	1	5	
GRBA0146	Yes	82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	08/15/90-09/15/91	1	7	
GRBA0149	Yes	82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	08/15/90-09/15/91	1	7	
GRBA0150	Yes	82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	08/15/90-08/15/91	1	5	
GRBA0158	Yes	82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	08/15/90-09/15/91	1	6	
GRBA0161	Yes	82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	08/15/90-09/15/91	1	8	
GRBA0188	Yes	82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	08/15/90-09/15/91	1	9	
GRBA0211	Yes	82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	08/15/90-09/15/91	1	7	
GRBA0214	Yes	82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	07/23/81-07/23/81	0	1	
GRBA0220	Yes	82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	08/15/90-09/15/91	1	7	
GRBA0233	Yes	82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	08/15/90-09/15/91	1	8	
GRBA0259	Yes	82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	08/15/90-09/15/91	1	8	
GRBA0283	Yes	82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	08/15/90-09/15/91	1	8	
GRBA0290	Yes	82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	08/15/90-07/15/91	0	5	
GRBA0310	Yes	82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	08/15/90-09/15/91	1	9	
GRBA0311	Yes	82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	08/15/90-09/15/91	1	9	
GRBA0325	Yes	82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	08/15/90-09/15/91	1	6	
GRBA0331	Yes	82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	08/15/90-09/15/91	1	7	
GRBA0339	Yes	82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	08/15/90-09/15/91	1	9	
GRBA0340	Yes	82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	08/15/90-09/15/91	1	8	
GRBA0341	Yes	82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	08/15/90-05/15/91	0	4	
GRBA0342	Yes	82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	08/15/91-09/15/91	0	2	
GRBA0359	Yes	82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	08/15/90-09/15/91	1	9	
GRBA0006	No	82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	06/14/83-06/14/83	0	1	
GRBA0007	No	82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	06/14/83-06/14/83	0	1	
GRBA0010	No	82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	06/14/83-06/14/83	0	1	
GRBA0102	Yes	82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	09/15/90-09/15/90	0	1	
GRBA0103	Yes	82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	10/15/90-09/15/91	0	5	
GRBA0104	Yes	82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	09/15/90-09/15/90	0	1	
GRBA0111	Yes	82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	09/15/90-09/15/91	1	7	
GRBA0125	Yes	82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	09/15/90-09/15/91	1	7	
GRBA0127	Yes	82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	08/15/90-08/15/91	1	4	
GRBA0131	Yes	82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	05/15/91-07/15/91	0	4	
GRBA0136	Yes	82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	08/15/90-09/15/91	1	5	
GRBA0142	Yes	82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	08/15/90-09/15/91	1	5	
GRBA0146	Yes	82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	08/15/90-09/15/91	1	7	
GRBA0149	Yes	82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	08/15/90-09/15/91	1	7	
GRBA0150	Yes	82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	08/15/90-09/15/91	1	6	
GRBA0158	Yes	82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	08/15/90-09/15/91	1	6	
GRBA0161	Yes	82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	08/15/90-09/15/91	1	8	
GRBA0188	Yes	82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	08/15/90-09/15/91	1	9	
GRBA0211	Yes	82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	08/15/90-09/15/91	1	7	
GRBA0214	Yes	82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	07/23/81-07/23/81	0	1	
GRBA0220	Yes	82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	08/15/90-09/15/91	1	8	
GRBA0233	Yes	82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	08/15/90-09/15/91	1	8	
GRBA0259	Yes	82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	08/15/90-09/15/91	1	8	
GRBA0283	Yes	82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	08/15/90-09/15/91	1	8	
GRBA0290	Yes	82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	08/15/90-07/15/91	0	5	
GRBA0310	Yes	82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	08/15/90-09/15/91	1	9	
GRBA0311	Yes	82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	08/15/90-09/15/91	1	9	
GRBA0325	Yes	82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	08/15/90-09/15/91	1	6	
GRBA0331	Yes	82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	08/15/90-09/15/91	1	7	
GRBA0339	Yes	82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	08/15/90-09/15/91	1	9	
GRBA0340	Yes	82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	08/15/90-09/15/91	1	8	
GRBA0341	Yes	82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	08/15/90-05/15/91	0	4	
GRBA0342	Yes	82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	08/15/91-09/15/91	0	2	
GRBA0359	Yes	82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	08/15/90-09/15/91	1	9	
GRBA0002	No	82331	DYSPROSIUM, DISSOLVED AS DY IN WATER UG/L	07/08/80-07/08/80	0	1	
GRBA0003	No	82331	DYSPROSIUM, DISSOLVED AS DY IN WATER UG/L	07/08/80-07/08/80	0	1	
GRBA0009	No	82331	DYSPROSIUM, DISSOLVED AS DY IN WATER UG/L	07/09/80-07/09/80	0	1	
GRBA0011	No	82331	DYSPROSIUM, DISSOLVED AS DY IN WATER UG/L	07/15/80-07/15/80	0	1	

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

Station/Parameter Period of Record Tabulation
From 08/23/66 To 10/28/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GRBA0036	No	82331	DYSPROSIUM, DISSOLVED AS DY IN WATER UG/L	07/09/80-07/09/80	0	1	
GRBA0098	No	82331	DYSPROSIUM, DISSOLVED AS DY IN WATER UG/L	07/07/80-07/07/80	0	1	
GRBA0099	Yes	82331	DYSPROSIUM, DISSOLVED AS DY IN WATER UG/L	07/20/80-07/20/80	0	1	
GRBA0100	Yes	82331	DYSPROSIUM, DISSOLVED AS DY IN WATER UG/L	07/20/80-07/20/80	0	1	
GRBA0122	No	82331	DYSPROSIUM, DISSOLVED AS DY IN WATER UG/L	07/09/80-07/09/80	0	1	
GRBA0134	Yes	82331	DYSPROSIUM, DISSOLVED AS DY IN WATER UG/L	07/19/80-07/19/80	0	1	
GRBA0148	No	82331	DYSPROSIUM, DISSOLVED AS DY IN WATER UG/L	07/07/80-07/07/80	0	1	
GRBA0152	Yes	82331	DYSPROSIUM, DISSOLVED AS DY IN WATER UG/L	07/19/80-07/19/80	0	1	
GRBA0174	No	82331	DYSPROSIUM, DISSOLVED AS DY IN WATER UG/L	07/13/80-07/13/80	0	1	
GRBA0348	No	82331	DYSPROSIUM, DISSOLVED AS DY IN WATER UG/L	07/10/80-07/10/80	0	1	
GRBA0360	No	82331	DYSPROSIUM, DISSOLVED AS DY IN WATER UG/L	07/12/80-07/12/80	0	1	
GRBA0367	Yes	82331	DYSPROSIUM, DISSOLVED AS DY IN WATER UG/L	07/10/80-07/10/80	0	1	
GRBA0369	Yes	82331	DYSPROSIUM, DISSOLVED AS DY IN WATER UG/L	07/10/80-07/10/80	0	1	
GRBA0373	No	82331	DYSPROSIUM, DISSOLVED AS DY IN WATER UG/L	07/10/80-07/10/80	0	1	
GRBA0385	No	82331	DYSPROSIUM, DISSOLVED AS DY IN WATER UG/L	07/10/80-07/10/80	0	1	
GRBA0408	No	82331	DYSPROSIUM, DISSOLVED AS DY IN WATER UG/L	07/11/80-07/11/80	0	1	
GRBA0414	No	82331	DYSPROSIUM, DISSOLVED AS DY IN WATER UG/L	07/04/80-07/04/80	0	1	
GRBA0416	No	82331	DYSPROSIUM, DISSOLVED AS DY IN WATER UG/L	07/08/80-07/08/80	0	1	
GRBA0421	No	82331	DYSPROSIUM, DISSOLVED AS DY IN WATER UG/L	07/04/80-07/04/80	0	1	
GRBA0424	No	82331	DYSPROSIUM, DISSOLVED AS DY IN WATER UG/L	07/08/80-07/08/80	0	1	
GRBA0427	No	82331	DYSPROSIUM, DISSOLVED AS DY IN WATER UG/L	07/04/80-07/04/80	0	1	
GRBA0375	No	82364	THORIUM, TOTAL IN WATER UG/L	07/06/80-07/06/80	0	1	
GRBA0381	No	82364	THORIUM, TOTAL IN WATER UG/L	07/06/80-07/06/80	0	1	
GRBA0382	No	82364	THORIUM, TOTAL IN WATER UG/L	07/06/80-07/06/80	0	1	
GRBA0392	No	82364	THORIUM, TOTAL IN WATER UG/L	07/12/80-07/12/80	0	1	
GRBA0411	No	82364	THORIUM, TOTAL IN WATER UG/L	07/11/80-07/11/80	0	1	
GRBA0413	No	82364	THORIUM, TOTAL IN WATER UG/L	07/08/80-07/08/80	0	1	
GRBA0219	No	82365	THORIUM, DISSOLVED IN WATER UG/L	07/06/80-07/06/80	0	1	
GRBA0287	No	82365	THORIUM, DISSOLVED IN WATER UG/L	07/12/80-07/12/80	0	1	
GRBA0307	No	82365	THORIUM, DISSOLVED IN WATER UG/L	07/12/80-07/12/80	0	1	
GRBA0337	No	82365	THORIUM, DISSOLVED IN WATER UG/L	07/10/80-07/10/80	0	1	
GRBA0338	Yes	82365	THORIUM, DISSOLVED IN WATER UG/L	07/10/80-07/10/80	0	1	
GRBA0344	No	82365	THORIUM, DISSOLVED IN WATER UG/L	07/10/80-07/10/80	0	1	
GRBA0353	No	82365	THORIUM, DISSOLVED IN WATER UG/L	07/06/80-07/06/80	0	1	
GRBA0358	No	82365	THORIUM, DISSOLVED IN WATER UG/L	07/12/80-07/12/80	0	1	
GRBA0362	No	82365	THORIUM, DISSOLVED IN WATER UG/L	07/12/80-07/12/80	0	1	
GRBA0363	No	82365	THORIUM, DISSOLVED IN WATER UG/L	07/06/80-07/06/80	0	1	
GRBA0364	No	82365	THORIUM, DISSOLVED IN WATER UG/L	07/10/80-07/10/80	0	1	
GRBA0365	Yes	82365	THORIUM, DISSOLVED IN WATER UG/L	07/10/80-07/10/80	0	1	
GRBA0370	No	82365	THORIUM, DISSOLVED IN WATER UG/L	07/12/80-07/12/80	0	1	
GRBA0374	No	82365	THORIUM, DISSOLVED IN WATER UG/L	07/06/80-07/06/80	0	1	
GRBA0376	No	82365	THORIUM, DISSOLVED IN WATER UG/L	07/10/80-07/10/80	0	1	
GRBA0380	No	82365	THORIUM, DISSOLVED IN WATER UG/L	07/10/80-07/10/80	0	1	
GRBA0383	No	82365	THORIUM, DISSOLVED IN WATER UG/L	07/10/80-07/10/80	0	1	
GRBA0384	No	82365	THORIUM, DISSOLVED IN WATER UG/L	07/12/80-07/12/80	0	1	
GRBA0386	No	82365	THORIUM, DISSOLVED IN WATER UG/L	07/10/80-07/10/80	0	1	
GRBA0389	No	82365	THORIUM, DISSOLVED IN WATER UG/L	07/10/80-07/10/80	0	1	
GRBA0391	No	82365	THORIUM, DISSOLVED IN WATER UG/L	07/12/80-07/12/80	0	1	
GRBA0396	No	82365	THORIUM, DISSOLVED IN WATER UG/L	07/10/80-07/10/80	0	1	
GRBA0397	No	82365	THORIUM, DISSOLVED IN WATER UG/L	07/10/80-07/10/80	0	1	
GRBA0398	No	82365	THORIUM, DISSOLVED IN WATER UG/L	07/12/80-07/12/80	0	1	
GRBA0399	No	82365	THORIUM, DISSOLVED IN WATER UG/L	07/10/80-07/10/80	0	1	
GRBA0400	No	82365	THORIUM, DISSOLVED IN WATER UG/L	07/09/80-07/09/80	0	1	
GRBA0401	No	82365	THORIUM, DISSOLVED IN WATER UG/L	07/11/80-07/11/80	0	1	
GRBA0402	No	82365	THORIUM, DISSOLVED IN WATER UG/L	07/09/80-07/09/80	0	1	
GRBA0403	No	82365	THORIUM, DISSOLVED IN WATER UG/L	07/09/80-07/09/80	0	1	
GRBA0404	No	82365	THORIUM, DISSOLVED IN WATER UG/L	07/11/80-07/11/80	0	1	
GRBA0405	No	82365	THORIUM, DISSOLVED IN WATER UG/L	07/09/80-07/09/80	0	1	
GRBA0406	No	82365	THORIUM, DISSOLVED IN WATER UG/L	07/10/80-07/10/80	0	1	
GRBA0409	No	82365	THORIUM, DISSOLVED IN WATER UG/L	07/11/80-07/11/80	0	1	
GRBA0410	No	82365	THORIUM, DISSOLVED IN WATER UG/L	07/08/80-07/08/80	0	1	
GRBA0412	No	82365	THORIUM, DISSOLVED IN WATER UG/L	07/11/80-07/11/80	0	1	
GRBA0418	No	82365	THORIUM, DISSOLVED IN WATER UG/L	07/08/80-07/08/80	0	1	
GRBA0419	No	82365	THORIUM, DISSOLVED IN WATER UG/L	07/04/80-07/04/80	0	1	
GRBA0422	No	82365	THORIUM, DISSOLVED IN WATER UG/L	07/11/80-07/11/80	0	1	
GRBA0423	No	82365	THORIUM, DISSOLVED IN WATER UG/L	07/04/80-07/04/80	0	1	
GRBA0428	No	82365	THORIUM, DISSOLVED IN WATER UG/L	07/08/80-07/08/80	0	1	
GRBA0055	No	82398	SAMPLING METHOD (CODES)	08/23/66-07/09/75	8	11	
GRBA0322	Yes	82398	SAMPLING METHOD (CODES)	08/27/87-10/25/89	2	3	
GRBA0006	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	06/14/83-06/14/83	0	1	
GRBA0007	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	06/14/83-06/14/83	0	1	
GRBA0010	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	06/14/83-06/14/83	0	1	

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

Station/Parameter Period of Record Tabulation
From 08/23/66 To 10/28/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
GRBA0094	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	08/03/77-08/20/80	3	2	
GRBA0006	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	06/14/83-06/14/83	0	1	
GRBA0007	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	06/14/83-06/14/83	0	1	
GRBA0010	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	06/14/83-06/14/83	0	1	
GRBA0094	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	08/03/77-08/20/80	3	2	
GRBA0319	No	84384	FECAL STREPTOCOCCI, YES=PRESENCE, NO=ABSENCE CODE	02/15/92-02/15/92	0	1	
GRBA0282	Yes	85817	BETA, GROSS, WATER, WHOLE, PC/L	01/22/90-01/22/90	0	1	

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

Station-By-Station Results

Station Inventory for Station: GRBA0001

NPS Station ID: GRBA0001
LAT/LON: 38.773809/-114.301003
Agency: 11NPSWRD
Date Created: 05/30/98
Location: LUAG512
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): GRBA_NURE_053 /7071129
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 16060008
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: CENTRAL NEVADA
ECO Region:
RF1 Index: 16060008
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MINERVA CANYON; NV-WHITE PINE CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A SPRING OUTSIDE THE GREAT BASIN NATIONAL PARK BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.8 MICRON FILTER OR SMALLER AT THE SITE. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "SRL" FIELD ENTRY (SAVANNAH RIVER LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE SAVANNAH RIVER LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525. TEL. (970) 225-3516.

Parameter Inventory for Station: GRBA0001

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/08/80-07/08/80	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/08/80-07/08/80	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/08/80-07/08/80	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/08/80-07/08/80	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/08/80-07/08/80	1	125.	125.	125.	125.	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/08/80-07/08/80	1 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/08/80-07/08/80	1	51.7	51.7	51.7	51.7	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/08/80-07/08/80	1	16.9	16.9	16.9	16.9	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/08/80-07/08/80	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/08/80-07/08/80	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	07/08/80-07/08/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/08/80-07/08/80	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/08/80-07/08/80	1	65.	65.	65.	65.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/08/80-07/08/80	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	07/08/80-07/08/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	07/08/80-07/08/80	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/08/80-07/08/80	1	108.	108.	108.	108.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/08/80-07/08/80	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/08/80-07/08/80	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: GRBA0001

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01065	NICKEL, DISSOLVED (UG/L AS NI)	07/08/80-07/08/80	1	8.	8.	8.	8.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	07/08/80-07/08/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/08/80-07/08/80	1	213.	213.	213.	213.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	07/08/80-07/08/80	1	15.	15.	15.	15.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/08/80-07/08/80	1	7.	7.	7.	7.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/08/80-07/08/80	1	69.	69.	69.	69.	0.	0.	**	**	**	**
01110	CERIUM, DISSOLVED (UG/L AS CE)	07/08/80-07/08/80	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/08/80-07/08/80	1	85.	85.	85.	85.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	07/08/80-07/08/80	1	18600.	18600.	18600.	18600.	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/08/80-07/08/80	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/08/80-07/08/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/08/80-07/08/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/08/80-07/08/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

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EPA Water Quality Criteria Analysis for Station: GRBA0001

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	1	0	0.00							1	0	0.00			
		Drinking Water	4.	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			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: GRBA0002

NPS Station ID: GRBA0002
LAT/LON: 38.773809/-114.301310
Agency: 11NPSWRD
Date Created: 05/30/98
Location: LUAG512R
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): GRBA_NURE_050 /5077488
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 16060008
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: CENTRAL NEVADA
ECO Region:
RF1 Index: 16060008
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MINERVA CANYON; NV-WHITE PINE CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A SPRING OUTSIDE THE GREAT BASIN NATIONAL PARK BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.8 MICRON FILTER OR SMALLER AT THE SITE. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "SRL" FIELD ENTRY (SAVANNAH RIVER LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE SAVANNAH RIVER LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525. TEL. (970) 225-3516.

Parameter Inventory for Station: GRBA0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/08/80-07/08/80	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/08/80-07/08/80	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/08/80-07/08/80	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/08/80-07/08/80	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/08/80-07/08/80	1	125.	125.	125.	125.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/08/80-07/08/80	1	5.9	5.9	5.9	5.9	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/08/80-07/08/80	1	8.37	8.37	8.37	8.37	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/08/80-07/08/80	1	19.	19.	19.	19.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	07/08/80-07/08/80	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/08/80-07/08/80	1	443.	443.	443.	443.	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	07/08/80-07/08/80	1	1.736	1.736	1.736	1.736	0.	0.	**	**	**	**
50700	FLUORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	07/08/80-07/08/80	1	31.	31.	31.	31.	0.	0.	**	**	**	**
50760	CHLORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	07/08/80-07/08/80	1	5000.	5000.	5000.	5000.	0.	0.	**	**	**	**
82331	DYSPROSIUM, DISSOLVED AS DY IN WATER UG/L	07/08/80-07/08/80	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0002

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: GRBA0003

NPS Station ID: GRBA0003
LAT/LON: 38.792198/-114.290699
Agency: 11NPSWRD
Date Created: 05/30/98
Location: LUAG513R
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): GRBA_NURE_055 /5077489
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 16060008
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: CENTRAL NEVADA
ECO Region:
RF1 Index: 16060008
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MINERVA CANYON; NV-WHITE PINE CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A SPRING OUTSIDE THE GREAT BASIN NATIONAL PARK BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.8 MICRON FILTER OR SMALLER AT THE SITE. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "SRL" FIELD ENTRY (SAVANNAH RIVER LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE SAVANNAH RIVER LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525. TEL. (970) 225-3516.

Parameter Inventory for Station: GRBA0003

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/08/80-07/08/80	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/08/80-07/08/80	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/08/80-07/08/80	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/08/80-07/08/80	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/08/80-07/08/80	1	125.	125.	125.	125.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/08/80-07/08/80	1	4.92	4.92	4.92	4.92	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	07/08/80-07/08/80	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/08/80-07/08/80	1	264.	264.	264.	264.	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	07/08/80-07/08/80	1	1.021	1.021	1.021	1.021	0.	0.	**	**	**	**
50700	FLUORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	07/08/80-07/08/80	1	101.	101.	101.	101.	0.	0.	**	**	**	**
50760	CHLORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	07/08/80-07/08/80	1	3500.	3500.	3500.	3500.	0.	0.	**	**	**	**
82331	DYSPROSIUM, DISSOLVED AS DY IN WATER UG/L	07/08/80-07/08/80	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0003

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: GRBA0004

NPS Station ID: GRBA0004 | LAT/LON: 38.792198/-114.291004 | Agency: 11NPSWRD | Date Created: 05/30/98
Location: LUAG513 | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): GRBA_NURE_054 /7071130
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 16060008 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 0 | Water Body Id:
Minor Basin: CENTRAL NEVADA | ECO Region:
RF1 Index: 16060008 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MINERVA CANYON; NV-WHITE PINE CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A SPRING OUTSIDE THE GREAT BASIN NATIONAL PARK BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.8 MICRON FILTER OR SMALLER AT THE SITE. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "SRL" FIELD ENTRY (SAVANNAH RIVER LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE SAVANNAH RIVER LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525. TEL. (970) 225-3516.

Parameter Inventory for Station: GRBA0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/08/80-07/08/80	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/08/80-07/08/80	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/08/80-07/08/80	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/08/80-07/08/80	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/08/80-07/08/80	1	125.	125.	125.	125.	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/08/80-07/08/80	1 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/08/80-07/08/80	1	52.2	52.2	52.2	52.2	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/08/80-07/08/80	1	4.5	4.5	4.5	4.5	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/08/80-07/08/80	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/08/80-07/08/80	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	07/08/80-07/08/80	1	73.	73.	73.	73.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/08/80-07/08/80	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/08/80-07/08/80	1	117.	117.	117.	117.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/08/80-07/08/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	07/08/80-07/08/80	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	07/08/80-07/08/80	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/08/80-07/08/80	1	103.	103.	103.	103.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/08/80-07/08/80	1	7.	7.	7.	7.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/08/80-07/08/80	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: GRBA0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01065	NICKEL, DISSOLVED (UG/L AS NI)	07/08/80-07/08/80	1	27.	27.	27.	27.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	07/08/80-07/08/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/08/80-07/08/80	1	125.	125.	125.	125.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	07/08/80-07/08/80	1	12.	12.	12.	12.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/08/80-07/08/80	1	77.	77.	77.	77.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/08/80-07/08/80	1	44.	44.	44.	44.	0.	0.	**	**	**	**
01110	CERIUM, DISSOLVED (UG/L AS CE)	07/08/80-07/08/80	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/08/80-07/08/80	1	101.	101.	101.	101.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	07/08/80-07/08/80	1	4100.	4100.	4100.	4100.	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/08/80-07/08/80	1	8.	8.	8.	8.	0.	0.	**	**	**	**
01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/08/80-07/08/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/08/80-07/08/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/08/80-07/08/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0004

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	1	0	0.00							1	0	0.00			
		Drinking Water	4.	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			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: GRBA0005

NPS Station ID: GRBA0005 LAT/LON: 38.841337/-114.357392 Agency: 11NPSWRD Date Created: 10/10/98
Location: SWALLOW CANYON CK APPROX. 3.5 MILES W OF PARK FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): GRBA_BLM_SWALL
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 16060008 Depth of Water: 0 Aquifer:
Major Basin: GREAT BASIN Elevation: 0 Water Body Id:
Minor Basin: CENTRAL NEVADA ECO Region:
RF1 Index: 16060008 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 16020301119900.00 RF3 Mile Point: 1.19 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MINERVA CANYON NV 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT SWALLOW CANYON CREEK APPROXIMATELY 3.5 MILES OUTSIDE (WEST) OF THE GREAT BASIN NATIONAL PARK BOUNDARY. THE DATA ARE FROM A REPORT BY TIMOTHY STACK OF THE BUREAU OF LAND MANAGEMENT; "1981 STREAM HABITAT INVENTORY; SCHELL RESOURCE AREA." THE STUDY WAS CONDUCTED TO ASSESS STREAM HABITAT CONDITIONS OF SEVERAL STREAMS LOCATED ON PUBLIC LANDS IN EASTERN NEVADA. THE REPORT FOCUSES ON QUALITY OF POOLS; BED MATERIALS; BANK COVER; RIPARIAN AREAS; AND AQUATIC INVERTEBRATES AS WELL AS WATER CHEMISTRY. DATA FROM THIS REPORT WERE COMPARED TO RESULTS FROM A 1979 BLM STUDY IN THE SAME AREA. THE 1979 DATA ALSO HAVE BEEN UPLOADED TO STORET BY THE NATIONAL PARK SERVICE. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0005

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/08/81-07/08/81	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/08/81-07/08/81	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	07/08/81-07/08/81	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/08/81-07/08/81	1	8.5	8.5	8.5	8.5	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/08/81-07/08/81	1	8.5	8.5	8.5	8.5	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/08/81-07/08/81	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/08/81-07/08/81	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: GRBA0005

				Total	Exceed	Prop.	----------9/15-4/14----------			----------4/15-6/14----------			----------6/15-9/14----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00							1	0	0.00			
00406	PH, FIELD	Fresh Chronic	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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0006

NPS Station ID: GRBA0006
LAT/LON: 38.841670/-114.349727
Agency: 112WRD
Date Created: 01/21/84
Location: 184 N11 E68 0 SWALLOW CANYON, BELOW
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 385030114205901
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 16060008
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 16060008
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 16020301077309.97
RF3 Mile Point: 17.32
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: GRBA0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00940	CHLORIDE,TOTAL IN WATER MG/L	06/14/83-06/14/83	1	1.	1.	1.	1.	0.	0.	**	**	**	**
82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	06/14/83-06/14/83	1	-111.5	-111.5	-111.5	-111.5	0.	0.	**	**	**	**
82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	06/14/83-06/14/83	1	-14.9	-14.9	-14.9	-14.9	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: GRBA0006

			Total	Exceed	Prop.	----------9/15-4/14----------			----------4/15-6/14----------			----------6/15-9/14----------			----------n/a----------		
Parameter	Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00940 CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00				1	0	0.00						
	Drinking Water	250.	1	0	0.00				1	0	0.00						

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

Station Inventory for Station: GRBA0007

NPS Station ID: GRBA0007
LAT/LON: 38.842504/-114.347781
Agency: 112WRD
Date Created: 01/21/84
Location: 184 N11 E68 0 SWALLOW CANYON, ABOVE
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 385033114205201
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 16060008
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 16060008
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 16060008113300.00
RF3 Mile Point: 1.82
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: GRBA0007

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00940	CHLORIDE,TOTAL IN WATER MG/L	06/14/83-06/14/83	1	1.	1.	1.	1.	0.	0.	**	**	**	**
82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	06/14/83-06/14/83	1	-109.5	-109.5	-109.5	-109.5	0.	0.	**	**	**	**
82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	06/14/83-06/14/83	1	-14.9	-14.9	-14.9	-14.9	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: GRBA0007

				Total	Exceed	Prop.	9/15-4/14			4/15-6/14			6/15-9/14			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00				1	0	0.00						
		Drinking Water	250.	1	0	0.00				1	0	0.00						

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

Station Inventory for Station: GRBA0008

NPS Station ID: GRBA0008
LAT/LON: 38.842615/-114.364004
Agency: 11NPSWRD
Date Created: 05/30/98
Location: LUAG517
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): GRBA_NURE_043 /7071134
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 16060008
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: CENTRAL NEVADA
ECO Region:
RF1 Index: 16060008
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MINERVA CANYON; NV-WHITE PINE CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A SPRING OUTSIDE THE GREAT BASIN NATIONAL PARK BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.8 MICRON FILTER OR SMALLER AT THE SITE. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "SRL" FIELD ENTRY (SAVANNAH RIVER LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE SAVANNAH RIVER LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525. TEL. (970) 225-3516.

Parameter Inventory for Station: GRBA0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/09/80-07/09/80	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/09/80-07/09/80	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/09/80-07/09/80	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/09/80-07/09/80	1	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/09/80-07/09/80	1	95.	95.	95.	95.	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/09/80-07/09/80	1 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/09/80-07/09/80	1	47.7	47.7	47.7	47.7	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/09/80-07/09/80	1	9.2	9.2	9.2	9.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/09/80-07/09/80	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/09/80-07/09/80	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	07/09/80-07/09/80	1	21.	21.	21.	21.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/09/80-07/09/80	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/09/80-07/09/80	1	110.	110.	110.	110.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/09/80-07/09/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	07/09/80-07/09/80	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	07/09/80-07/09/80	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/09/80-07/09/80	1	47.	47.	47.	47.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/09/80-07/09/80	1	8.	8.	8.	8.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/09/80-07/09/80	1	26.	26.	26.	26.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: GRBA0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01065	NICKEL, DISSOLVED (UG/L AS NI)	07/09/80-07/09/80	1	14.	14.	14.	14.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	07/09/80-07/09/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/09/80-07/09/80	1	161.	161.	161.	161.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	07/09/80-07/09/80	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/09/80-07/09/80	1	12.	12.	12.	12.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/09/80-07/09/80	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01110	CERIUM, DISSOLVED (UG/L AS CE)	07/09/80-07/09/80	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/09/80-07/09/80	1	101.	101.	101.	101.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	07/09/80-07/09/80	1	1800.	1800.	1800.	1800.	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/09/80-07/09/80	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/09/80-07/09/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/09/80-07/09/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/09/80-07/09/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

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EPA Water Quality Criteria Analysis for Station: GRBA0008

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	1	0	0.00							1	0	0.00			
		Drinking Water	4.	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			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: GRBA0009

NPS Station ID: GRBA0009
LAT/LON: 38.842615/-114.364392
Agency: 11NPSWRD
Date Created: 05/30/98
Location: LUAG517R
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): GRBA_NURE_044 /5077493
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 16060008
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: CENTRAL NEVADA
ECO Region:
RF1 Index: 16060008
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MINERVA CANYON; NV-WHITE PINE CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A SPRING OUTSIDE THE GREAT BASIN NATIONAL PARK BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.8 MICRON FILTER OR SMALLER AT THE SITE. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "SRL" FIELD ENTRY (SAVANNAH RIVER LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE SAVANNAH RIVER LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525. TEL. (970) 225-3516.

Parameter Inventory for Station: GRBA0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/09/80-07/09/80	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/09/80-07/09/80	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/09/80-07/09/80	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/09/80-07/09/80	1	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/09/80-07/09/80	1	95.	95.	95.	95.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/09/80-07/09/80	1	3.9	3.9	3.9	3.9	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/09/80-07/09/80	1	3.85	3.85	3.85	3.85	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/09/80-07/09/80	1	19.	19.	19.	19.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	07/09/80-07/09/80	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/09/80-07/09/80	1	323.	323.	323.	323.	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	07/09/80-07/09/80	1	0.353	0.353	0.353	0.353	0.	0.	**	**	**	**
50700	FLUORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	07/09/80-07/09/80	1	31.	31.	31.	31.	0.	0.	**	**	**	**
50760	CHLORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	07/09/80-07/09/80	1	2300.	2300.	2300.	2300.	0.	0.	**	**	**	**
82331	DYSPROSIUM, DISSOLVED AS DY IN WATER UG/L	07/09/80-07/09/80	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0009

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: GRBA0010

NPS Station ID: GRBA0010
LAT/LON: 38.844448/-114.360838
Agency: 112WRD
Date Created: 01/21/84
Location: 184 N11 E68 5DBAB1 LITTLE SWALLOW SPRING
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 385040114213901
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 16060008
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 16060008
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 16060008113300.00
RF3 Mile Point: 1.69
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: GRBA0010

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00940	CHLORIDE,TOTAL IN WATER MG/L	06/14/83-06/14/83	1	1.	1.	1.	1.	0.	0.	**	**	**	**
82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	06/14/83-06/14/83	1	-109.5	-109.5	-109.5	-109.5	0.	0.	**	**	**	**
82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	06/14/83-06/14/83	1	-15.	-15.	-15.	-15.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0010

			Total	Exceed	Prop.	9/15-4/14			4/15-6/14			6/15-9/14			n/a		
Parameter	Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00940 CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00				1	0	0.00						
	Drinking Water	250.	1	0	0.00				1	0	0.00						

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

Station Inventory for Station: GRBA0011

NPS Station ID: GRBA0011 | LAT/LON: 38.857504/-114.220893 | Agency: 11NPSWRD | Date Created: 05/30/98
Location: LUAH507R | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): GRBA_NURE_093 /5077504
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 16020301 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 0 | Water Body Id:
Minor Basin: GREAT SALT LAKE | ECO Region:
RF1 Index: 16020301 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE ARCH CANYON; NV-WHITE PINE CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A SPRING OUTSIDE THE GREAT BASIN NATIONAL PARK BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.8 MICRON FILTER OR SMALLER AT THE SITE. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "SRL" FIELD ENTRY (SAVANNAH RIVER LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE SAVANNAH RIVER LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525. TEL. (970) 225-3516.

Parameter Inventory for Station: GRBA0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/15/80-07/15/80	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/15/80-07/15/80	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/15/80-07/15/80	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/15/80-07/15/80	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/15/80-07/15/80	1	150.	150.	150.	150.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/15/80-07/15/80	1	13.2	13.2	13.2	13.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/15/80-07/15/80	1	8.67	8.67	8.67	8.67	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	07/15/80-07/15/80	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/15/80-07/15/80	1	363.	363.	363.	363.	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	07/15/80-07/15/80	1	1.936	1.936	1.936	1.936	0.	0.	**	**	**	**
50700	FLUORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	07/15/80-07/15/80	1	58.	58.	58.	58.	0.	0.	**	**	**	**
50760	CHLORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	07/15/80-07/15/80	1	9200.	9200.	9200.	9200.	0.	0.	**	**	**	**
82331	DYSPROSIUM, DISSOLVED AS DY IN WATER UG/L	07/15/80-07/15/80	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0011

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: GRBA0012

NPS Station ID: GRBA0012 | LAT/LON: 38.857504/-114.221004 | Agency: 11NPSWRD | Date Created: 05/30/98
Location: LUAH507 | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): GRBA_NURE_096 /7071145
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 16020301 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 0 | Water Body Id:
Minor Basin: GREAT SALT LAKE | ECO Region:
RF1 Index: 16020301 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE ARCH CANYON; NV-WHITE PINE CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A SPRING OUTSIDE THE GREAT BASIN NATIONAL PARK BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.8 MICRON FILTER OR SMALLER AT THE SITE. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "SRL" FIELD ENTRY (SAVANNAH RIVER LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE SAVANNAH RIVER LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525. TEL. (970) 225-3516.

Parameter Inventory for Station: GRBA0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/15/80-07/15/80	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/15/80-07/15/80	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/15/80-07/15/80	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/15/80-07/15/80	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/15/80-07/15/80	1	150.	150.	150.	150.	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/15/80-07/15/80	1 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/15/80-07/15/80	1	39.1	39.1	39.1	39.1	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/15/80-07/15/80	1	39.3	39.3	39.3	39.3	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/15/80-07/15/80	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/15/80-07/15/80	1	2.6	2.6	2.6	2.6	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	07/15/80-07/15/80	1	93.	93.	93.	93.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/15/80-07/15/80	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/15/80-07/15/80	1	61.	61.	61.	61.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/15/80-07/15/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	07/15/80-07/15/80	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	07/15/80-07/15/80	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/15/80-07/15/80	1	158.	158.	158.	158.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/15/80-07/15/80	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/15/80-07/15/80	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: GRBA0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01065	NICKEL, DISSOLVED (UG/L AS NI)	07/15/80-07/15/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	07/15/80-07/15/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/15/80-07/15/80	1	173.	173.	173.	173.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	07/15/80-07/15/80	1	19.	19.	19.	19.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/15/80-07/15/80	1	22.	22.	22.	22.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/15/80-07/15/80	1	142.	142.	142.	142.	0.	0.	**	**	**	**
01110	CERIUM, DISSOLVED (UG/L AS CE)	07/15/80-07/15/80	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/15/80-07/15/80	1	219.	219.	219.	219.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	07/15/80-07/15/80	1	5900.	5900.	5900.	5900.	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/15/80-07/15/80	1	7.	7.	7.	7.	0.	0.	**	**	**	**
01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/15/80-07/15/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/15/80-07/15/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/15/80-07/15/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0012

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	1	0	0.00							1	0	0.00			
		Drinking Water	4.	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			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: GRBA0013

NPS Station ID: GRBA0013 LAT/LON: 38.858115/-114.255615 Agency: 11NPSWRD Date Created: 08/08/98
Location: SOUTH FORK BIG WASH SPRING 1000 FEET UP CANYON FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING STORET Station ID(s): GRBA_BOR_RSB115
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 Depth of Water: 0 Aquifer:
Major Basin: GREAT BASIN Elevation: 9295 Water Body Id:
Minor Basin: GREAT SALT LAKE ECO Region:
RF1 Index: 16020301 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 16020301119900.00 RF3 Mile Point: 1.19 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MINERVA CANYON NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS A SPRING LOCATED ON THE SOUTH FORK OF THE BIG WASH APPROXIMATELY 1000 FEET UP THE FACE OF THE CANYON AND IS IDENTIFIED AS RSB115. THIS SITE IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM A REPORT BY THE BUREAU OF RECLAMATION; "GREAT BASIN NATIONAL PARK; HYDROLOGIC INVENTORY;" 1994. THE OBJECTIVE OF THIS STUDY WAS TO LOCATE AND DESCRIBE NATURAL SPRINGS AND SEEPS WITHIN GRBA THAT HAD REMAINED ACTIVE UNDER THE DROUGHT SITUATION OCCURRING AT THAT TIME. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0013

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/17/94-08/17/94	1	4.2	4.2	4.2	4.2	0.	0.	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	08/17/94-08/17/94	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/17/94-08/17/94	1	297.	297.	297.	297.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: GRBA0014

NPS Station ID: GRBA0014 | LAT/LON: 38.859059/-114.253503 | Agency: 11NPSWRD | Date Created: 08/08/98
Location: SOUTH FORK BIG WASH SPRING | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): GRBA_BOR_RSB113
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 9070 | Water Body Id:
Minor Basin: GREAT SALT LAKE | ECO Region:
RF1 Index: 16020301 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MINERVA CANYON NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS A SPRING LOCATED ON THE SOUTH FORK OF THE BIG WASH. THE SPRING IS IDENTIFIED AS RSB113 AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM A REPORT BY THE BUREAU OF RECLAMATION; "GREAT BASIN NATIONAL PARK; HYDROLOGIC INVENTORY;" 1994. THE OBJECTIVE OF THIS STUDY WAS TO LOCATE AND DESCRIBE NATURAL SPRINGS AND SEEPS WITHIN GRBA THAT HAD REMAINED ACTIVE UNDER THE DROUGHT SITUATION OCCURRING AT THAT TIME. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/17/94-08/17/94	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	08/17/94-08/17/94	1	0.13	0.13	0.13	0.13	0.	0.	**	**	**	**

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

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

Station Inventory for Station: GRBA0015

NPS Station ID: GRBA0015 | LAT/LON: 38.859309/-114.253477 | Agency: 11NPSWRD | Date Created: 08/08/98
Location: SOUTH FORK BIG WASH SPRING | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): GRBA_BOR_RSB112
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 9000 | Water Body Id:
Minor Basin: GREAT SALT LAKE | ECO Region:
RF1 Index: 16020301 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MINERVA CANYON NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS A SPRING LOCATED ON THE SOUTH FORK OF THE BIG WASH. THE SPRING IS IDENTIFIED AS RSB112 AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM A REPORT BY THE BUREAU OF RECLAMATION; "GREAT BASIN NATIONAL PARK; HYDROLOGIC INVENTORY;" 1994. THE OBJECTIVE OF THIS STUDY WAS TO LOCATE AND DESCRIBE NATURAL SPRINGS AND SEEPS WITHIN GRBA THAT HAD REMAINED ACTIVE UNDER THE DROUGHT SITUATION OCCURRING AT THAT TIME. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/17/94-08/17/94	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	08/17/94-08/17/94	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/17/94-08/17/94	1	274.	274.	274.	274.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/17/94-08/17/94	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/17/94-08/17/94	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/17/94-08/17/94	1	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0015

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00406	PH, FIELD	Fresh Chronic	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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0016

NPS Station ID: GRBA0016 | LAT/LON: 38.859642/-114.252921 | Agency: 11NPSWRD | Date Created: 08/08/98
Location: SOUTH FORK BIG WASH SPRING | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): GRBA_BOR_RSB111
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 8940 | Water Body Id:
Minor Basin: GREAT SALT LAKE | ECO Region:
RF1 Index: 16020301 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MINERVA CANYON NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS A SPRING LOCATED ON THE SOUTH FORK OF THE BIG WASH AND IS IDENTIFIED AS RSB111. THIS SITE IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM A REPORT BY THE BUREAU OF RECLAMATION; "GREAT BASIN NATIONAL PARK; HYDROLOGIC INVENTORY;" 1994. THE OBJECTIVE OF THIS STUDY WAS TO LOCATE AND DESCRIBE NATURAL SPRINGS AND SEEPS WITHIN GRBA THAT HAD REMAINED ACTIVE UNDER THE DROUGHT SITUATION OCCURRING AT THAT TIME. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0016

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/17/94-08/17/94	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	08/17/94-08/17/94	1	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/17/94-08/17/94	1	270.	270.	270.	270.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/17/94-08/17/94	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/17/94-08/17/94	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/17/94-08/17/94	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0016

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00406	PH, FIELD	Fresh Chronic	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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0017

NPS Station ID: GRBA0017 | LAT/LON: 38.861420/-114.251615 | Agency: 11NPSWRD | Date Created: 08/08/98
Location: SOUTH FORK BIG WASH SPRING | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): GRBA_BOR_RSB110
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 8720 | Water Body Id:
Minor Basin: GREAT SALT LAKE | ECO Region:
RF1 Index: 16020301 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MINERVA CANYON NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS A SPRING LOCATED ON THE SOUTH FORK OF THE BIG WASH. THE SPRING IS IDENTIFIED AS RSB110 AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM A REPORT BY THE BUREAU OF RECLAMATION; "GREAT BASIN NATIONAL PARK; HYDROLOGIC INVENTORY;" 1994. THE OBJECTIVE OF THIS STUDY WAS TO LOCATE AND DESCRIBE NATURAL SPRINGS AND SEEPS WITHIN GRBA THAT HAD REMAINED ACTIVE UNDER THE DROUGHT SITUATION OCCURRING AT THAT TIME. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0017

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/17/94-08/17/94	1	4.6	4.6	4.6	4.6	0.	0.	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	08/17/94-08/17/94	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/17/94-08/17/94	1	305.	305.	305.	305.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/17/94-08/17/94	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/17/94-08/17/94	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/17/94-08/17/94	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0017

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00406	PH, FIELD	Fresh Chronic	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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0018

NPS Station ID: GRBA0018 LAT/LON: 38.862698/-114.257338 Agency: 11NPSWRD Date Created: 08/08/98
Location: SOUTH FORK BIG WASH SPRING OFF MAIN DRAINAGE FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING STORET Station ID(s): GRBA_BOR_RSB116
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 Depth of Water: 0 Aquifer:
Major Basin: GREAT BASIN Elevation: 9300 Water Body Id:
Minor Basin: GREAT SALT LAKE ECO Region:
RF1 Index: 16020301 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 16020301119900.00 RF3 Mile Point: 1.19 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MINERVA CANYON NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS A SPRING LOCATED ON THE SOUTH FORK OF THE BIG WASH. THE SPRING IS OFF OF THE MAIN DRAINAGE AND IS IDENTIFIED AS RSB116. THIS SITE IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM A REPORT BY THE BUREAU OF RECLAMATION; "GREAT BASIN NATIONAL PARK; HYDROLOGIC INVENTORY;" 1994. THE OBJECTIVE OF THIS STUDY WAS TO LOCATE AND DESCRIBE NATURAL SPRINGS AND SEEPS WITHIN GRBA THAT HAD REMAINED ACTIVE UNDER THE DROUGHT SITUATION OCCURRING AT THAT TIME. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/17/94-08/17/94	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	08/17/94-08/17/94	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

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

Station Inventory for Station: GRBA0019

NPS Station ID: GRBA0019 | LAT/LON: 38.863781/-114.260421 | Agency: 11NPSWRD | Date Created: 08/08/98
Location: SOUTH FORK BIG WASH SPRING | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): GRBA_BOR_RSB117
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 9480 | Water Body Id:
Minor Basin: GREAT SALT LAKE | ECO Region:
RF1 Index: 16020301 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MINERVA CANYON NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS A SPRING LOCATED ON THE SOUTH FORK OF THE BIG WASH. THE SPRING IS IDENTIFIED AS RSB117 AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM A REPORT BY THE BUREAU OF RECLAMATION; "GREAT BASIN NATIONAL PARK; HYDROLOGIC INVENTORY;" 1994. THE OBJECTIVE OF THIS STUDY WAS TO LOCATE AND DESCRIBE NATURAL SPRINGS AND SEEPS WITHIN GRBA THAT HAD REMAINED ACTIVE UNDER THE DROUGHT SITUATION OCCURRING AT THAT TIME. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0019

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/17/94-08/17/94	1	10.7	10.7	10.7	10.7	0.	0.	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	08/17/94-08/17/94	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/17/94-08/17/94	1	404.	404.	404.	404.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: GRBA0020

NPS Station ID: GRBA0020
LAT/LON: 38.865031/-114.252088
Agency: 11NPSWRD
Date Created: 08/08/98
Location: SOUTH FORK BIG WASH SPRING
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): GRBA_BOR_RSB119
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 8710
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MINERVA CANYON NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS A SPRING LOCATED ON THE SOUTH FORK OF THE BIG WASH. THE SPRING IS IDENTIFIED AS RSB119 AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM A REPORT BY THE BUREAU OF RECLAMATION; "GREAT BASIN NATIONAL PARK; HYDROLOGIC INVENTORY;" 1994. THE OBJECTIVE OF THIS STUDY WAS TO LOCATE AND DESCRIBE NATURAL SPRINGS AND SEEPS WITHIN GRBA THAT HAD REMAINED ACTIVE UNDER THE DROUGHT SITUATION OCCURRING AT THAT TIME. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/17/94-08/17/94	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	08/17/94-08/17/94	1	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/17/94-08/17/94	1	434.	434.	434.	434.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: GRBA0021

NPS Station ID: GRBA0021 LAT/LON: 38.865198/-114.230420 Agency: 11NPSWRD Date Created: 08/08/98
Location: S FORK BIG WASH SPRING 100 METERS S OF STREAM FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING STORET Station ID(s): GRBA_BOR_RSB101
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 Depth of Water: 0 Aquifer:
Major Basin: GREAT BASIN Elevation: 8045 Water Body Id:
Minor Basin: GREAT SALT LAKE ECO Region:
RF1 Index: 16020301 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 16020301119900.00 RF3 Mile Point: 1.19 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE ARCH CANYON NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS A SPRING LOCATED ON THE SOUTH FORK OF THE BIG WASH APPROXIMATELY 100 M SOUTH OF THE STREAM AND IS IDENTIFIED AS RSB101. THIS SITE IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM A REPORT BY THE BUREAU OF RECLAMATION; "GREAT BASIN NATIONAL PARK; HYDROLOGIC INVENTORY;" 1994. THE OBJECTIVE OF THIS STUDY WAS TO LOCATE AND DESCRIBE NATURAL SPRINGS AND SEEPS WITHIN GRBA THAT HAD REMAINED ACTIVE UNDER THE DROUGHT SITUATION OCCURRING AT THAT TIME. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/16/94-08/16/94	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	08/16/94-08/16/94	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/16/94-08/16/94	1	383.	383.	383.	383.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/16/94-08/16/94	1	7.47	7.47	7.47	7.47	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/16/94-08/16/94	1	7.47	7.47	7.47	7.47	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/16/94-08/16/94	1	0.034	0.034	0.034	0.034	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0021

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00406	PH, FIELD	Fresh Chronic	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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0022

NPS Station ID: GRBA0022 LAT/LON: 38.866559/-114.229032 Agency: 11NPSWRD Date Created: 07/11/98
Location: S FORK OF BIG WASH 50 METERS BELOW MILL SITE FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): GRBA_NPS_SBW1
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 Depth of Water: 0 Aquifer:
Major Basin: GREAT BASIN Elevation: 7860 Water Body Id:
Minor Basin: GREAT SALT LAKE ECO Region:
RF1 Index: 16020301 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 16020301119900.00 RF3 Mile Point: 1.19 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE ARCH CANYON NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT THE SOUTH FORK OF BIG WASH 50 METERS BELOW TRAIL CROSSING AND MILL SITE AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK BOUNDARY. THE DATA ARE FROM SEVERAL YEARLY REPORTS (1990-97) BY KURT PFAFF; PHYSICAL SCIENCE TECHNICIAN FOR GREAT BASIN NATIONAL PARK. A SURFACE WATER QUALITY MONITORING PROGRAM WAS INSTITUTED TO ACQUIRE THE DATA FROM THE PARK WATERS ON A SEMI-ANNUAL BASIS. DATA ARE INTEGRATED INTO THE PARK'S WATER RESOURCE MANAGEMENT PLAN IN ORDER TO PERPETUATE THE INHERENT NATURAL INTEGRITY OF ITS WATER-DEPENDENT ENVIRONMENTS. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0022

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/93-11/02/95	3	6.	6.	8.	4.	4.	2.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/22/91-11/02/95	5	265.	265.	280.	256.	93.5	9.67	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	10/22/91-11/02/95	10	8.285	8.26	8.36	8.06	0.01	0.1	8.066	8.21	8.335	8.359
00406	CONVERTED PH, FIELD, STANDARD UNITS	10/22/91-11/02/95	10	8.284	8.249	8.36	8.06	0.01	0.101	8.066	8.21	8.335	8.359
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/22/91-11/02/95	10	0.005	0.006	0.009	0.004	0.	0.001	0.004	0.005	0.006	0.009

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

EPA Water Quality Criteria Analysis for Station: GRBA0022

			Total	Exceed	Prop.	----------9/15-4/14----------			----------4/15-6/14----------			----------6/15-9/14----------			----------n/a----------		
Parameter	Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00406 PH, FIELD	Fresh Chronic	9.	10	0	0.00	8	0	0.00				2	0	0.00			
	Other-Lo Lim.	6.5	10	0	0.00	8	0	0.00				2	0	0.00			

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

Station Inventory for Station: GRBA0023

NPS Station ID: GRBA0023 | LAT/LON: 38.866615/-114.260587 | Agency: 11NPSWRD | Date Created: 08/08/98
Location: SOUTH FORK BIG WASH SPRING | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): GRBA_BOR_RSB118
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 9430 | Water Body Id:
Minor Basin: GREAT SALT LAKE | ECO Region:
RF1 Index: 16020301 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MINERVA CANYON NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS A SPRING LOCATED ON THE SOUTH FORK OF THE BIG WASH. THE SPRING IS IDENTIFIED AS RSB118 AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM A REPORT BY THE BUREAU OF RECLAMATION; "GREAT BASIN NATIONAL PARK; HYDROLOGIC INVENTORY;" 1994. THE OBJECTIVE OF THIS STUDY WAS TO LOCATE AND DESCRIBE NATURAL SPRINGS AND SEEPS WITHIN GRBA THAT HAD REMAINED ACTIVE UNDER THE DROUGHT SITUATION OCCURRING AT THAT TIME. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0023

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/17/94-08/17/94	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	08/17/94-08/17/94	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/17/94-08/17/94	1	418.	418.	418.	418.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: GRBA0024

NPS Station ID: GRBA0024 | LAT/LON: 38.866670/-114.230226 | Agency: 11NPSWRD | Date Created: 08/08/98
Location: SOUTH FORK BIG WASH SPRING | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): GRBA_BOR_RSB105
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 8000 | Water Body Id:
Minor Basin: GREAT SALT LAKE | ECO Region:
RF1 Index: 16020301 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE ARCH CANYON NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS A SPRING LOCATED ON THE SOUTH FORK OF THE BIG WASH. THE SPRING IS IDENTIFIED AS RSB105 AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM A REPORT BY THE BUREAU OF RECLAMATION; "GREAT BASIN NATIONAL PARK; HYDROLOGIC INVENTORY;" 1994. THE OBJECTIVE OF THIS STUDY WAS TO LOCATE AND DESCRIBE NATURAL SPRINGS AND SEEPS WITHIN GRBA THAT HAD REMAINED ACTIVE UNDER THE DROUGHT SITUATION OCCURRING AT THAT TIME. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0024

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/16/94-08/16/94	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	08/16/94-08/16/94	1	25.	25.	25.	25.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/16/94-08/16/94	1	263.	263.	263.	263.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/16/94-08/16/94	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/16/94-08/16/94	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/16/94-08/16/94	1	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0024

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00406	PH, FIELD	Fresh Chronic	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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0025

NPS Station ID: GRBA0025 | LAT/LON: 38.867392/-114.230366 | Agency: 11NPSWRD | Date Created: 08/08/98
Location: SOUTH FORK BIG WASH SPRING | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): GRBA_BOR_RSB106
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 8065 | Water Body Id:
Minor Basin: GREAT SALT LAKE | ECO Region:
RF1 Index: 16020301 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE ARCH CANYON NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS A SPRING LOCATED ON THE SOUTH FORK OF THE BIG WASH. THE SPRING IS IDENTIFIED AS RSB106 AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM A REPORT BY THE BUREAU OF RECLAMATION; "GREAT BASIN NATIONAL PARK; HYDROLOGIC INVENTORY;" 1994. THE OBJECTIVE OF THIS STUDY WAS TO LOCATE AND DESCRIBE NATURAL SPRINGS AND SEEPS WITHIN GRBA THAT HAD REMAINED ACTIVE UNDER THE DROUGHT SITUATION OCCURRING AT THAT TIME. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0025

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/16/94-08/16/94	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	08/16/94-08/16/94	1	25.	25.	25.	25.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/16/94-08/16/94	1	260.	260.	260.	260.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/16/94-08/16/94	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/16/94-08/16/94	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/16/94-08/16/94	1	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0025

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00406	PH, FIELD	Fresh Chronic	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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0026

NPS Station ID: GRBA0026 LAT/LON: 38.867420/-114.371893 Agency: 11NPSWRD Date Created: 07/11/98
Location: S FORK BIG WASH BELOW UPPER OSBORNE PASTURE FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): GRBA_NPS_SBW902
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 16060008 Depth of Water: 0 Aquifer:
Major Basin: GREAT BASIN Elevation: 0 Water Body Id:
Minor Basin: CENTRAL NEVADA ECO Region:
RF1 Index: 16060008 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 16020301119900.00 RF3 Mile Point: 1.19 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MINERVA CANYON NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT THE SOUTH FORK OF BIG WASH BELOW UPPER OSBORNE PASTURE AND IS LOCATED OUTSIDE THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THIS SAMPLING SITE WAS DISCONTINUED FOR STUDIES AFTER 1990. THE DATA ARE FROM SEVERAL YEARLY REPORTS (1990-97) BY KURT PFAFF; PHYSICAL SCIENCE TECHNICIAN FOR GRBA. A SURFACE WATER QUALITY MONITORING PROGRAM WAS INSTITUTED TO ACQUIRE DATA FROM THE PARK WATERS ON A SEMI-ANNUAL BASIS. DATA ARE INTEGRATED INTO THE PARK'S WATER RESOURCE MANAGEMENT PLAN IN ORDER TO PERPETUATE THE INHERENT NATURAL INTEGRITY OF ITS WATER-DEPENDENT ENVIRONMENTS. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0026

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/09/90-07/09/90	1	29.	29.	29.	29.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/09/90-07/09/90	1	7.92	7.92	7.92	7.92	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/09/90-07/09/90	1	7.92	7.92	7.92	7.92	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/09/90-07/09/90	1	0.012	0.012	0.012	0.012	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0026

			Total	Exceed	Prop.	9/15-4/14			4/15-6/14			6/15-9/14			n/a		
Parameter	Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00406 PH, FIELD	Fresh Chronic	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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0027

NPS Station ID: GRBA0027 LAT/LON: 38.868615/-114.226810 Agency: 11NPSWRD Date Created: 08/08/98
Location: S FORK BIG WASH SPRING 100 FT UP CANYON WALL FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING STORET Station ID(s): GRBA_BOR_RSB107
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 Depth of Water: 0 Aquifer:
Major Basin: GREAT BASIN Elevation: 8120 Water Body Id:
Minor Basin: GREAT SALT LAKE ECO Region:
RF1 Index: 16020301 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 16020301119900.00 RF3 Mile Point: 1.19 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE ARCH CANYON NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS A SPRING LOCATED ON THE SOUTH FORK OF THE BIG WASH APPROXIMATELY 100 FEET UP THE CANYON WALL AND IS IDENTIFIED AS RSB107. THIS SITE IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM A REPORT BY THE BUREAU OF RECLAMATION; "GREAT BASIN NATIONAL PARK; HYDROLOGIC INVENTORY;" 1994. THE OBJECTIVE OF THIS STUDY WAS TO LOCATE AND DESCRIBE NATURAL SPRINGS AND SEEPS WITHIN GRBA THAT HAD REMAINED ACTIVE UNDER THE DROUGHT SITUATION OCCURRING AT THAT TIME. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0027

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/16/94-08/16/94	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	08/16/94-08/16/94	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/16/94-08/16/94	1	288.	288.	288.	288.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/16/94-08/16/94	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/16/94-08/16/94	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/16/94-08/16/94	1	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0027

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00406	PH, FIELD	Fresh Chronic	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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0028

NPS Station ID: GRBA0028 LAT/LON: 38.873503/-114.224976 Agency: 11NPSWRD Date Created: 08/08/98
Location: SOUTH FORK BIG WASH SPRING BELOW SHALE CLIFF FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING STORET Station ID(s): GRBA_BOR_RSB121
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 Depth of Water: 0 Aquifer:
Major Basin: GREAT BASIN Elevation: 8045 Water Body Id:
Minor Basin: GREAT SALT LAKE ECO Region:
RF1 Index: 16020301 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 16020301119900.00 RF3 Mile Point: 1.19 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE ARCH CANYON NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS A SPRING LOCATED ON THE SOUTH FORK OF THE BIG WASH AND IS DOWNSTREAM OF A SHALE CLIFF. THE SPRING IS IDENTIFIED AS RSB121 AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM A REPORT BY THE BUREAU OF RECLAMATION; "GREAT BASIN NATIONAL PARK; HYDROLOGIC INVENTORY;" 1994. THE OBJECTIVE OF THIS STUDY WAS TO LOCATE AND DESCRIBE NATURAL SPRINGS AND SEEPS WITHIN GRBA THAT HAD REMAINED ACTIVE UNDER THE DROUGHT SITUATION OCCURRING AT THAT TIME. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0028

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/18/94-08/18/94	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	08/18/94-08/18/94	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/18/94-08/18/94	1	328.	328.	328.	328.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/18/94-08/18/94	1	8.32	8.32	8.32	8.32	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/18/94-08/18/94	1	8.32	8.32	8.32	8.32	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/18/94-08/18/94	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0028

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00406	PH, FIELD	Fresh Chronic	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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0029

NPS Station ID: GRBA0029 LAT/LON: 38.873976/-114.091198 Agency: 11NPSWRD Date Created: 10/10/98
Location: BIG WASH CK APPROX. 5 MILES E OF GREAT BASIN NP FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): GRBA_BLM_BIGWSH
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 16020301 Depth of Water: 0 Aquifer:
Major Basin: GREAT BASIN Elevation: 0 Water Body Id:
Minor Basin: GREAT SALT LAKE ECO Region:
RF1 Index: 16020301 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 16020301119900.00 RF3 Mile Point: 1.19 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE NEEDLE POINT SPRING UT-NV 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT BIG WASH CREEK APPROXIMATELY 5 MILES OUTSIDE (EAST) OF THE GREAT BASIN NATIONAL PARK BOUNDARY. THE DATA ARE FROM A REPORT BY TIMOTHY STACK OF THE BUREAU OF LAND MANAGEMENT; "1981 STREAM HABITAT INVENTORY; SCHELL RESOURCE AREA." THE STUDY WAS CONDUCTED TO ASSESS STREAM HABITAT CONDITIONS OF SEVERAL STREAMS LOCATED ON PUBLIC LANDS IN EASTERN NEVADA. THE REPORT FOCUSES ON QUALITY OF POOLS; BED MATERIALS; BANK COVER; RIPARIAN AREAS; AND AQUATIC INVERTEBRATES AS WELL AS WATER CHEMISTRY. DATA FROM THIS REPORT WERE COMPARED TO RESULTS FROM A 1979 BLM STUDY IN THE SAME AREA. THE 1979 DATA ALSO HAVE BEEN UPLOADED TO STORET BY THE NATIONAL PARK SERVICE. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0029

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/01/81-07/01/81	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/01/81-07/01/81	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	07/01/81-07/01/81	1	30.	30.	30.	30.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/01/81-07/01/81	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/01/81-07/01/81	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/01/81-07/01/81	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/01/81-07/01/81	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: GRBA0029

				Total	Exceed	Prop.	----------9/15-4/14----------			----------4/15-6/14----------			----------6/15-9/14----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00							1	0	0.00			
00406	PH, FIELD	Fresh Chronic	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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0030

NPS Station ID: GRBA0030 LAT/LON: 38.880448/-114.268226 Agency: 11NPSWRD Date Created: 08/08/98
Location: NORTH FORK BIG WASH BOTTOM OF SOUTH BRANCH FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING STORET Station ID(s): GRBA_BOR_RNB122
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 Depth of Water: 0 Aquifer:
Major Basin: GREAT BASIN Elevation: 9445 Water Body Id:
Minor Basin: GREAT SALT LAKE ECO Region:
RF1 Index: 16020301 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 16020301119900.00 RF3 Mile Point: 1.19 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WHEELER PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS A SPRING LOCATED ON THE BOTTOM OF THE SOUTH BRANCH OF THE NORTH FORK OF THE BIG WASH. THE SPRING IS IDENTIFIED AS RNB122 AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM A REPORT BY THE BUREAU OF RECLAMATION; "GREAT BASIN NATIONAL PARK; HYDROLOGIC INVENTORY;" 1994. THE OBJECTIVE OF THIS STUDY WAS TO LOCATE AND DESCRIBE NATURAL SPRINGS AND SEEPS WITHIN GRBA THAT HAD REMAINED ACTIVE UNDER THE DROUGHT SITUATION OCCURRING AT THAT TIME. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/31/94-08/31/94	1	4.6	4.6	4.6	4.6	0.	0.	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	08/31/94-08/31/94	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/31/94-08/31/94	1	335.	335.	335.	335.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/31/94-08/31/94	1	7.74	7.74	7.74	7.74	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/31/94-08/31/94	1	7.74	7.74	7.74	7.74	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/31/94-08/31/94	1	0.018	0.018	0.018	0.018	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0030

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00406	PH, FIELD	Fresh Chronic	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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0031

NPS Station ID: GRBA0031 | LAT/LON: 38.881782/-114.195865 | Agency: 11NPSWRD | Date Created: 08/08/98
Location: SOUTH FORK BIG WASH SPRING | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): GRBA_BOR_RBWSO1
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 7000 | Water Body Id:
Minor Basin: GREAT SALT LAKE | ECO Region:
RF1 Index: 16020301 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE KIOUS SPRING NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS A SPRING LOCATED ON THE SOUTH FORK OF THE BIG WASH APPROXIMATELY 800 METERS UPSTREAM OF THE PARK BOUNDARY AND IS IDENTIFIED AS RBWSO1. THIS SITE IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM A REPORT BY THE BUREAU OF RECLAMATION; "GREAT BASIN NATIONAL PARK; HYDROLOGIC INVENTORY;" 1994. THE OBJECTIVE OF THIS STUDY WAS TO LOCATE AND DESCRIBE NATURAL SPRINGS AND SEEPS WITHIN GRBA THAT HAD REMAINED ACTIVE UNDER THE DROUGHT SITUATION OCCURRING AT THAT TIME. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/23/94-08/23/94	1	8.7	8.7	8.7	8.7	0.	0.	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	08/23/94-08/23/94	1	60.	60.	60.	60.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/23/94-08/23/94	1	404.	404.	404.	404.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/23/94-08/23/94	1	7.54	7.54	7.54	7.54	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/23/94-08/23/94	1	7.54	7.54	7.54	7.54	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/23/94-08/23/94	1	0.029	0.029	0.029	0.029	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0031

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00406	PH, FIELD	Fresh Chronic	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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0032

NPS Station ID: GRBA0032 LAT/LON: 38.883503/-114.187560 Agency: 11NPSWRD Date Created: 06/20/98
Location: S FK BIG WASH ABOVE CROSSING OF GRBA BOUNDARY FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): GRBA_OSU_SBW2
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 Depth of Water: 0 Aquifer:
Major Basin: GREAT BASIN Elevation: 6880 Water Body Id:
Minor Basin: GREAT SALT LAKE ECO Region:
RF1 Index: 16020301 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 16020301119900.00 RF3 Mile Point: 1.19 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED AT THE KIOUS SPRING NV-WHITE PINE CO. 7.5 MINUTE SERIES (TOPO.) QUADRANGLE. THE SITE IS LOCATED AT THE SOUTH FORK OF BIG WASH 10 METERS ABOVE PARK BOUNDARY AND IS LOCATED WITHIN GREAT BASIN NATIONAL PARK (GRBA). THE DATA ARE FROM A REPORT BY RUTH JACOBS ET AL.; "CHEMICAL CHARACTERISTICS OF SURFACE WATERS OF GREAT BASIN NATIONAL PARK;" DECEMBER 1993. THIS REPORT WAS PREPARED IN COOPERATION WITH THE NATIONAL PARK SERVICE. THE STUDY WAS DESIGNED TO COLLECT WATER QUALITY DATA FOR THE PARK TO AID IN THE PREPARATION OF A WATER QUALITY MONITORING PROGRAM TO MEET MANAGEMENT PLAN OBJECTIVES. THE SAMPLES WERE FILTERED WITH A 1.2 UM FILTER IN THE FIELD. ICP METAL VALUES WERE UPLOADED TO STORET BUT ARE CONSIDERED TO BE SUSPECT. FOR MORE INFO. CONTACT THE CHIEF OF RESOURCES AT GRBA; BAKER NV 89311 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0032

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/19/92-08/19/92	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00064	DEPTH OF STREAM, MEAN (FT)	08/19/92-08/19/92	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/19/92-08/19/92	1	264.	264.	264.	264.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/19/92-08/19/92	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/19/92-08/19/92	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/19/92-08/19/92	1	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/19/92-08/19/92	1	342.	342.	342.	342.	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/19/92-08/19/92	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/19/92-08/19/92	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/19/92-08/19/92	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/19/92-08/19/92	2	0.014	0.014	0.015	0.012	0.	0.002	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/19/92-08/19/92	1 ##	0.023	0.023	0.023	0.023	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/19/92-08/19/92	2 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/19/92-08/19/92	1	65.8	65.8	65.8	65.8	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/19/92-08/19/92	1	14.4	14.4	14.4	14.4	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/19/92-08/19/92	1	3.02	3.02	3.02	3.02	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/19/92-08/19/92	1	0.53	0.53	0.53	0.53	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/19/92-08/19/92	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/19/92-08/19/92	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

Parameter Inventory for Station: GRBA0032

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/19/92-08/19/92	1	2.7	2.7	2.7	2.7	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/19/92-08/19/92	1 ##	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/19/92-08/19/92	1	37.	37.	37.	37.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/19/92-08/19/92	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/19/92-08/19/92	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	08/19/92-08/19/92	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/19/92-08/19/92	1	47.	47.	47.	47.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	08/19/92-08/19/92	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/19/92-08/19/92	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	08/19/92-08/19/92	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	08/19/92-08/19/92	1 ##	3.	3.	3.	3.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/19/92-08/19/92	1	691.	691.	691.	691.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/19/92-08/19/92	1	104.	104.	104.	104.	0.	0.	**	**	**	**
01095	ANTIMONY, DISSOLVED (UG/L AS SB)	08/19/92-08/19/92	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01100	TIN, DISSOLVED (UG/L AS SN)	08/19/92-08/19/92	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/19/92-08/19/92	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	08/19/92-08/19/92	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
50098	CALCIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/19/92-08/19/92	1	136.97	136.97	136.97	136.97	0.	0.	**	**	**	**
50104	POTASSIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/19/92-08/19/92	1	1.	1.	1.	1.	0.	0.	**	**	**	**
50105	MAGNESIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/19/92-08/19/92	1	39.8	39.8	39.8	39.8	0.	0.	**	**	**	**
50108	SODIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/19/92-08/19/92	1	7.11	7.11	7.11	7.11	0.	0.	**	**	**	**
50932	SULFUR, DISSOLVED AS S MG/L	08/19/92-08/19/92	1	8.843	8.843	8.843	8.843	0.	0.	**	**	**	**
50938	ANION - CATION RATIO	08/19/92-08/19/92	2	0.87	0.87	0.96	0.78	0.016	0.127	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/19/92-08/19/92	1	483.	483.	483.	483.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/19/92-08/19/92	1	299.	299.	299.	299.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0032

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	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			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00							1	0	0.00			
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00							1	0	0.00			
		Drinking Water	50.	1	0	0.00							1	0	0.00			
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00							1	0	0.00			
		Drinking Water	5.	1	0	0.00							1	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00							1	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00							1	0	0.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00							1	0	0.00			
		Drinking Water	15.	1	0	0.00							1	0	0.00			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			
01095	ANTIMONY, DISSOLVED	Fresh Acute	88.	1	0	0.00							1	0	0.00			
		Drinking Water	6.	0 &	0	0.00												

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

Station Inventory for Station: GRBA0033

NPS Station ID: GRBA0033 LAT/LON: 38.883503/-114.187560 Agency: 11NPSWRD Date Created: 07/11/98
Location: SOUTH FORK BIG WASH AT GRBA BOUNDARY FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): GRBA_NPS_SBW2
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 Depth of Water: 0 Aquifer:
Major Basin: GREAT BASIN Elevation: 6880 Water Body Id:
Minor Basin: GREAT SALT LAKE ECO Region:
RF1 Index: 16020301 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 16020301119900.00 RF3 Mile Point: 1.19 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE KIOUS SPRING NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT THE SOUTH FORK OF BIG WASH 10 METERS ABOVE INTERSECTION WITH PARK BOUNDARY AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK BOUNDARY. THE DATA ARE FROM SEVERAL YEARLY REPORTS (1990-97) BY KURT PFAFF; PHYSICAL SCIENCE TECHNICIAN FOR GREAT BASIN NATIONAL PARK. A SURFACE WATER QUALITY MONITORING PROGRAM WAS INSTITUTED TO ACQUIRE THE DATA FROM THE PARK WATERS ON A SEMI-ANNUAL BASIS. DATA ARE INTEGRATED INTO THE PARK'S WATER RESOURCE MANAGEMENT PLAN IN ORDER TO PERPETUATE THE INHERENT NATURAL INTEGRITY OF ITS WATER-DEPENDENT ENVIRONMENTS. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0033

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/27/93-06/12/96	5	8.	7.4	8.	6.	0.8	0.894	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/22/91-06/12/96	7	386.	387.429	405.	364.	251.952	15.873	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	10/22/91-06/12/96	14	8.2	8.139	8.31	7.82	0.031	0.176	7.825	7.978	8.28	8.31
00406	CONVERTED PH, FIELD, STANDARD UNITS	10/22/91-06/12/96	14	8.198	8.103	8.31	7.82	0.032	0.18	7.825	7.978	8.28	8.31
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/22/91-06/12/96	14	0.006	0.008	0.015	0.005	0.	0.004	0.005	0.005	0.011	0.015

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

EPA Water Quality Criteria Analysis for Station: GRBA0033

			Total	Exceed	Prop.	----------9/15-4/14----------			----------4/15-6/14----------			----------6/15-9/14----------			----------n/a----------		
Parameter	Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00406 PH, FIELD	Fresh Chronic	9.	14	0	0.00	8	0	0.00	4	0	0.00	2	0	0.00			
	Other-Lo Lim.	6.5	14	0	0.00	8	0	0.00	4	0	0.00	2	0	0.00			

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

Station Inventory for Station: GRBA0034

NPS Station ID: GRBA0034 LAT/LON: 38.884226/-114.284003 Agency: 11NPSWRD Date Created: 08/08/98
Location: NORTH FORK BIG WASH 1/4 MI FROM LOGGING TRACK FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING STORET Station ID(s): GRBA_BOR_RNB121
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 Depth of Water: 0 Aquifer:
Major Basin: GREAT BASIN Elevation: 9765 Water Body Id:
Minor Basin: GREAT SALT LAKE ECO Region:
RF1 Index: 16020301 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 16020301119900.00 RF3 Mile Point: 1.19 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WHEELER PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS A SPRING LOCATED ON THE NORTH FORK OF THE BIG WASH 1/4 MILE FROM THE LOGGING TRACK AND IS IDENTIFIED AS RNB121. THIS SITE IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM A REPORT BY THE BUREAU OF RECLAMATION; "GREAT BASIN NATIONAL PARK; HYDROLOGIC INVENTORY;" 1994. THE OBJECTIVE OF THIS STUDY WAS TO LOCATE AND DESCRIBE NATURAL SPRINGS AND SEEPS WITHIN GRBA THAT HAD REMAINED ACTIVE UNDER THE DROUGHT SITUATION OCCURRING AT THAT TIME. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/31/94-08/31/94	1	2.6	2.6	2.6	2.6	0.	0.	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	08/31/94-08/31/94	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/31/94-08/31/94	1	219.	219.	219.	219.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/31/94-08/31/94	1	8.25	8.25	8.25	8.25	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/31/94-08/31/94	1	8.25	8.25	8.25	8.25	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/31/94-08/31/94	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0034

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00406	PH, FIELD	Fresh Chronic	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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0035

NPS Station ID: GRBA0035 LAT/LON: 38.885587/-114.166170 Agency: 11NPSWRD Date Created: 07/11/98
Location: SOUTH FORK BIG WASH AT 9000 FEET ELEVATION FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): GRBA_NPS_SBW901
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 16020301 Depth of Water: 0 Aquifer:
Major Basin: GREAT BASIN Elevation: 0 Water Body Id:
Minor Basin: GREAT SALT LAKE ECO Region:
RF1 Index: 16020301 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 16020301119900.00 RF3 Mile Point: 1.19 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE KIOUS SPRING NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT THE SOUTH FORK OF BIG WASH AT ELEV. 9000' AND IS LOCATED OUTSIDE THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THIS SAMPLING SITE WAS DISCONTINUED FOR STUDIES AFTER 1990. THE DATA ARE FROM SEVERAL YEARLY REPORTS (1990-97) BY KURT PFAFF; PHYSICAL SCIENCE TECHNICIAN FOR GRBA. A SURFACE WATER QUALITY MONITORING PROGRAM WAS INSTITUTED TO ACQUIRE DATA FROM THE PARK WATERS ON A SEMI-ANNUAL BASIS. DATA ARE INTEGRATED INTO THE PARK'S WATER RESOURCE MANAGEMENT PLAN IN ORDER TO PERPETUATE THE INHERENT NATURAL INTEGRITY OF ITS WATER-DEPENDENT ENVIRONMENTS. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0035

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/09/90-07/09/90	1	29.	29.	29.	29.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/09/90-07/09/90	1	8.29	8.29	8.29	8.29	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/09/90-07/09/90	1	8.29	8.29	8.29	8.29	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/09/90-07/09/90	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0035

			Total	Exceed	Prop.	----------9/15-4/14----------			----------4/15-6/14----------			----------6/15-9/14----------			----------n/a----------		
Parameter	Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00406 PH, FIELD	Fresh Chronic	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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0036

NPS Station ID: GRBA0036
LAT/LON: 38.900198/-114.334893
Agency: 11NPSWRD
Date Created: 05/30/98
Location: LUAG516R
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): GRBA_NURE_045 /5077492
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 16060008
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: CENTRAL NEVADA
ECO Region:
RF1 Index: 16060008
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WHEELER PEAK; NV-WHITE PINE CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A SPRING OUTSIDE THE GREAT BASIN NATIONAL PARK BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.8 MICRON FILTER OR SMALLER AT THE SITE. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "SRL" FIELD ENTRY (SAVANNAH RIVER LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE SAVANNAH RIVER LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525. TEL. (970) 225-3516.

Parameter Inventory for Station: GRBA0036

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/09/80-07/09/80	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/09/80-07/09/80	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/09/80-07/09/80	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/09/80-07/09/80	1	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/09/80-07/09/80	1	100.	100.	100.	100.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/09/80-07/09/80	1	2.1	2.1	2.1	2.1	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/09/80-07/09/80	1	4.51	4.51	4.51	4.51	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/09/80-07/09/80	1	7.	7.	7.	7.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	07/09/80-07/09/80	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/09/80-07/09/80	1	202.	202.	202.	202.	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	07/09/80-07/09/80	1	0.557	0.557	0.557	0.557	0.	0.	**	**	**	**
50700	FLUORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	07/09/80-07/09/80	1	28.	28.	28.	28.	0.	0.	**	**	**	**
50760	CHLORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	07/09/80-07/09/80	1	1800.	1800.	1800.	1800.	0.	0.	**	**	**	**
82331	DYSPROSIUM, DISSOLVED AS DY IN WATER UG/L	07/09/80-07/09/80	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0036

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: GRBA0037

NPS Station ID: GRBA0037
LAT/LON: 38.900198/-114.335004
Agency: 11NPSWRD
Date Created: 05/30/98
Location: LUAG516
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): GRBA_NURE_037 /7071133
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 16060008
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: CENTRAL NEVADA
ECO Region:
RF1 Index: 16060008
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WHEELER PEAK; NV-WHITE PINE CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A SPRING OUTSIDE THE GREAT BASIN NATIONAL PARK BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.8 MICRON FILTER OR SMALLER AT THE SITE. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "SRL" FIELD ENTRY (SAVANNAH RIVER LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE SAVANNAH RIVER LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525. TEL. (970) 225-3516.

Parameter Inventory for Station: GRBA0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/09/80-07/09/80	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/09/80-07/09/80	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/09/80-07/09/80	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/09/80-07/09/80	1	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/09/80-07/09/80	1	100.	100.	100.	100.	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/09/80-07/09/80	1 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/09/80-07/09/80	1	43.6	43.6	43.6	43.6	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/09/80-07/09/80	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/09/80-07/09/80	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/09/80-07/09/80	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	07/09/80-07/09/80	1	23.	23.	23.	23.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/09/80-07/09/80	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/09/80-07/09/80	1	73.	73.	73.	73.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/09/80-07/09/80	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	07/09/80-07/09/80	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	07/09/80-07/09/80	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/09/80-07/09/80	1	93.	93.	93.	93.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/09/80-07/09/80	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/09/80-07/09/80	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: GRBA0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01065	NICKEL, DISSOLVED (UG/L AS NI)	07/09/80-07/09/80	1	14.	14.	14.	14.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	07/09/80-07/09/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/09/80-07/09/80	1	92.	92.	92.	92.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	07/09/80-07/09/80	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/09/80-07/09/80	1	24.	24.	24.	24.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/09/80-07/09/80	1	39.	39.	39.	39.	0.	0.	**	**	**	**
01110	CERIUM, DISSOLVED (UG/L AS CE)	07/09/80-07/09/80	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/09/80-07/09/80	1	101.	101.	101.	101.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	07/09/80-07/09/80	1	2200.	2200.	2200.	2200.	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/09/80-07/09/80	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/09/80-07/09/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/09/80-07/09/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/09/80-07/09/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0037

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	1	0	0.00							1	0	0.00			
		Drinking Water	4.	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			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: GRBA0038

NPS Station ID: GRBA0038
LAT/LON: 38.911670/-114.158059
Agency: 11NPSWRD
Date Created: 08/15/98
Location: SNAKE CREEK #10
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): GRBA_USGS_SCK10
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE KIOUS SPRING NV 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED ON SNAKE CREEK AND IS WITHIN THE BOUNDARIES OF GREAT BASIN NATIONAL PARK. THE DATA ARE FROMA REPORT BY THE U.S. GEOLOGICAL SURVEY; "GREAT BASIN PARK SEEPAGE RUN; SEPTEMBER 1-3; 1992"; AND CAN ALSO BE FOUND IN THE 1992 ANNUAL WATER DATA OF NEVADA REPORT. THE PURPOSE OF THIS REPORT WAS TO DOCUMENT GAINING AND LOSING REACHES OF STREAMS DURING A PERIOD OF SUSTAINED LOW FLOW IN THE PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/03/92-09/03/92	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/03/92-09/03/92	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/03/92-09/03/92	1	155.	155.	155.	155.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: GRBA0039

NPS Station ID: GRBA0039 | LAT/LON: 38.911726/-114.239615 | Agency: 11NPSWRD | Date Created: 08/08/98
Location: NORTH FORK BIG WASH SPRING | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): GRBA_BOR_RBWNO2
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 8400 | Water Body Id:
Minor Basin: GREAT SALT LAKE | ECO Region:
RF1 Index: 16020301 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE KIOUS SPRING NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS A SPRING LOCATED ON THE NORTH FORK OF THE BIG WASH APPROXIMATELY 4300 METERS UPSTREAM OF THE PARK BOUNDARY AND IS IDENTIFIED AS RBWNO2. THIS SITE IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM A REPORT BY THE BUREAU OF RECLAMATION; "GREAT BASIN NATIONAL PARK; HYDROLOGIC INVENTORY;" 1994. THE OBJECTIVE OF THIS STUDY WAS TO LOCATE AND DESCRIBE NATURAL SPRINGS AND SEEPS WITHIN GRBA THAT HAD REMAINED ACTIVE UNDER THE DROUGHT SITUATION OCCURRING AT THAT TIME. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0039

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/24/94-08/24/94	1	10.3	10.3	10.3	10.3	0.	0.	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	08/24/94-08/24/94	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/24/94-08/24/94	1	296.	296.	296.	296.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/24/94-08/24/94	1	8.11	8.11	8.11	8.11	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/24/94-08/24/94	1	8.11	8.11	8.11	8.11	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/24/94-08/24/94	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0039

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00406	PH, FIELD	Fresh Chronic	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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0040

NPS Station ID: GRBA0040 LAT/LON: 38.911948/-114.172142 Agency: 11NPSWRD Date Created: 07/11/98
Location: SNAKE CREEK 30 METERS W-SW OF SNA4 SITE FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): GRBA_NPS_SNA4A
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 16020301 Depth of Water: 0 Aquifer:
Major Basin: GREAT BASIN Elevation: 0 Water Body Id:
Minor Basin: GREAT SALT LAKE ECO Region:
RF1 Index: 16020301 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 16020301119900.00 RF3 Mile Point: 1.19 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE KIOUS SPRING NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPO.) QUADRANGLE. THE SITE IS AT SNAKE CREEK 30 METERS WEST-SOUTHWEST OF THE SNA4 SITE AND IS LOCATED OUTSIDE THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM SEVERAL YEARLY REPORTS (1990-97) BY KURT PFAFF; PHYSICAL SCIENCE TECHNICIAN FOR GRBA. A SURFACE WATER QUALITY MONITORING PROGRAM WAS INSTITUTED TO ACQUIRE DATA FROM THE PARK WATERS ON A SEMI-ANNUAL BASIS. DATA ARE INTEGRATED INTO THE PARK'S WATER RESOURCE MANAGEMENT PLAN IN ORDER TO PERPETUATE THE INHERENT NATURAL INTEGRITY OF ITS WATER-DEPENDENT ENVIRONMENTS. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0040

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/09/95-06/09/95	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/09/95-06/09/95	1	214.	214.	214.	214.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	06/09/95-06/09/95	1	8.16	8.16	8.16	8.16	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/09/95-06/09/95	1	8.16	8.16	8.16	8.16	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/09/95-06/09/95	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: GRBA0040

			Total	Exceed	Prop.	9/15-4/14			4/15-6/14			6/15-9/14			n/a		
Parameter	Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00406 PH, FIELD	Fresh Chronic	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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0041

NPS Station ID: GRBA0041 LAT/LON: 38.911976/-114.276337 Agency: 11NPSWRD Date Created: 08/08/98
Location: BIG WASH SPRING RIGHT OF MAIN DRAINAGE CHANNEL FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING STORET Station ID(s): GRBA_BOR_RNB131
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 Depth of Water: 0 Aquifer:
Major Basin: GREAT BASIN Elevation: 9540 Water Body Id:
Minor Basin: GREAT SALT LAKE ECO Region:
RF1 Index: 16020301 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 16020301119900.00 RF3 Mile Point: 1.19 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WHEELER PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS A SPRING LOCATED ON THE NORTH FORK OF THE BIG WASH AT THE END OF THE MINING TRACK AND IS IDENTIFIED AS RNB131. THIS SITE IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM A REPORT BY THE BUREAU OF RECLAMATION; "GREAT BASIN NATIONAL PARK; HYDROLOGIC INVENTORY;" 1994. THE OBJECTIVE OF THIS STUDY WAS TO LOCATE AND DESCRIBE NATURAL SPRINGS AND SEEPS WITHIN GRBA THAT HAD REMAINED ACTIVE UNDER THE DROUGHT SITUATION OCCURRING AT THAT TIME. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0041

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/01/94-09/01/94	1	6.3	6.3	6.3	6.3	0.	0.	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	09/01/94-09/01/94	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/01/94-09/01/94	1	301.	301.	301.	301.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	09/01/94-09/01/94	1	7.68	7.68	7.68	7.68	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	09/01/94-09/01/94	1	7.68	7.68	7.68	7.68	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/01/94-09/01/94	1	0.021	0.021	0.021	0.021	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0041

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00406	PH, FIELD	Fresh Chronic	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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0042

NPS Station ID: GRBA0042
LAT/LON: 38.912227/-114.170559
Agency: 11NPSWRD
Date Created: 08/15/98
Location: SNAKE CREEK #8
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): GRBA_USGS_SCK8
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE KIOUS SPRING NV 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED ON SNAKE CREEK AND IS OUTSIDE THE BOUNDARIES OF GREAT BASIN NATIONAL PARK. THE DATA ARE FROM A REPORT BY THE U.S. GEOLOGICAL SURVEY; "GREAT BASIN PARK SEEPAGE RUN; SEPTEMBER 1-3; 1992"; AND CAN ALSO BE FOUND IN THE 1992 ANNUAL WATER DATA OF NEVADA REPORT. THE PURPOSE OF THIS REPORT WAS TO DOCUMENT GAINING AND LOSING REACHES OF STREAMS DURING A PERIOD OF SUSTAINED LOW FLOW IN THE PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0042

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/03/92-09/03/92	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/03/92-09/03/92	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/03/92-09/03/92	1	99.	99.	99.	99.	0.	0.	**	**	**	**

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

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

Station Inventory for Station: GRBA0043

NPS Station ID: GRBA0043
LAT/LON: 38.912504/-114.169449
Agency: 11NPSWRD
Date Created: 08/15/98
Location: SNAKE CREEK #9
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): GRBA_USGS_SCK9
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE KIOUS SPRING NV 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED ON SNAKE CREEK AND IS WITHIN THE BOUNDARIES OF GREAT BASIN NATIONAL PARK. THE DATA ARE FROMA REPORT BY THE U.S. GEOLOGICAL SURVEY; "GREAT BASIN PARK SEEPAGE RUN; SEPTEMBER 1-3; 1992"; AND CAN ALSO BE FOUND IN THE 1992 ANNUAL WATER DATA OF NEVADA REPORT. THE PURPOSE OF THIS REPORT WAS TO DOCUMENT GAINING AND LOSING REACHES OF STREAMS DURING A PERIOD OF SUSTAINED LOW FLOW IN THE PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0043

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/03/92-09/03/92	1	9.5	9.5	9.5	9.5	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/03/92-09/03/92	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/03/92-09/03/92	1	142.	142.	142.	142.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: GRBA0044

NPS Station ID: GRBA0044 LAT/LON: 38.912531/-114.170059 Agency: 11NPSWRD Date Created: 07/11/98
Location: SNAKE CREEK 10 METERS BELOW DIVERSION OUTLET FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): GRBA_NPS_SNA4
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 Depth of Water: 0 Aquifer:
Major Basin: GREAT BASIN Elevation: 6740 Water Body Id:
Minor Basin: GREAT SALT LAKE ECO Region:
RF1 Index: 16020301 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 16020301119900.00 RF3 Mile Point: 1.19 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE KIOUS SPRING NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT SNAKE CREEK 10 METERS BELOW THE DIVERSION OUTLET AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK BOUNDARY. THE DATA ARE FROM SEVERAL YEARLY REPORTS (1990-97) BY KURT PFAFF; PHYSICAL SCIENCE TECHNICIAN FOR GREAT BASIN NATIONAL PARK. A SURFACE WATER QUALITY MONITORING PROGRAM WAS INSTITUTED TO ACQUIRE THE DATA FROM THE PARK WATERS ON A SEMI-ANNUAL BASIS. DATA ARE INTEGRATED INTO THE PARK'S WATER RESOURCE MANAGEMENT PLAN IN ORDER TO PERPETUATE THE INHERENT NATURAL INTEGRITY OF ITS WATER-DEPENDENT ENVIRONMENTS. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0044

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/03/90-10/20/95	6	6.5	10.	30.	2.	106.	10.296	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/20/95-10/20/95	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/15/91-10/20/95	7	120.	139.143	263.	98.	3182.81	56.416	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/03/90-10/20/95	14	7.77	7.774	7.88	7.66	0.004	0.064	7.68	7.73	7.818	7.88
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/03/90-10/20/95	14	7.77	7.77	7.88	7.66	0.004	0.064	7.68	7.73	7.817	7.88
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/03/90-10/20/95	14	0.017	0.017	0.022	0.013	0.	0.002	0.013	0.015	0.019	0.021

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

EPA Water Quality Criteria Analysis for Station: GRBA0044

			Total	Exceed	Prop.	----------9/15-4/14----------			----------4/15-6/14----------			----------6/15-9/14----------			----------n/a----------		
Parameter	Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00406 PH, FIELD	Fresh Chronic	9.	14	0	0.00	10	0	0.00	1	0	0.00	3	0	0.00			
	Other-Lo Lim.	6.5	14	0	0.00	10	0	0.00	1	0	0.00	3	0	0.00			

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

Station Inventory for Station: GRBA0045

NPS Station ID: GRBA0045
LAT/LON: 38.912531/-114.170059
Agency: 11NPSWRD
Date Created: 11/21/98
Location: SNAKE CREEK AT BYPASS PIPE OUTLET
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): GRBA_EPA_GBS19
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 6780
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE KIOUS SPRING NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT SNAKE CREEK AT THE BYPASS PIPE OUTLET AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM A REPORT BY RICHARD METCALF ET AL.; "CHEMISTRY OF SELECTED LAKES AND STREAMS IN GREAT BASIN NATIONAL PARK NEVADA DURING WINTER AND SPRING 1989;" SEPTEMBER 1992. THIS REPORT WAS PREPARED UNDER A COOPERATIVE AGREEMENT BETWEEN THE NPS AND THE ENVIRONMENTAL PROTECTION AGENCY IN AN EFFORT TO OBTAIN A COMPLETE CHEMICAL ANALYSIS OF THE WATERS IN GRBA. THE DATA ARE MEANT TO BE USED IN PARK RESOURCE ASSESSMENT; IN FUTURE STUDIES; AND AS A SOURCE OF BASELINE WATER QUALITY ANALYSES. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0045

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/28/89-05/28/89	1	96.	96.	96.	96.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/28/89-05/28/89	1	7.84	7.84	7.84	7.84	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/28/89-05/28/89	1	7.84	7.84	7.84	7.84	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/28/89-05/28/89	1	0.014	0.014	0.014	0.014	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/28/89-05/28/89	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	05/28/89-05/28/89	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	05/28/89-05/28/89	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/28/89-05/28/89	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/28/89-05/28/89	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/28/89-05/28/89	1	2.31	2.31	2.31	2.31	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/28/89-05/28/89	1	0.37	0.37	0.37	0.37	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/28/89-05/28/89	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/28/89-05/28/89	1	3.1	3.1	3.1	3.1	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	05/28/89-05/28/89	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	05/28/89-05/28/89	1	92.	92.	92.	92.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	05/28/89-05/28/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	05/28/89-05/28/89	1 ##	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/28/89-05/28/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	05/28/89-05/28/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

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

Parameter Inventory for Station: GRBA0045

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01040	COPPER, DISSOLVED (UG/L AS CU)	05/28/89-05/28/89	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	05/28/89-05/28/89	1 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	05/28/89-05/28/89	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/28/89-05/28/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01057	THALLIUM, DISSOLVED (UG/L AS TL)	05/28/89-05/28/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	05/28/89-05/28/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	05/28/89-05/28/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	05/28/89-05/28/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	05/28/89-05/28/89	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01095	ANTIMONY, DISSOLVED (UG/L AS SB)	05/28/89-05/28/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	05/28/89-05/28/89	1	11.	11.	11.	11.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	05/28/89-05/28/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/28/89-05/28/89	1	6780.	6780.	6780.	6780.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0045

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00				1	0	0.00						
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00				1	0	0.00						
		Drinking Water	250.	1	0	0.00				1	0	0.00						
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00				1	0	0.00						
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00				1	0	0.00						
		Drinking Water	50.	1	0	0.00				1	0	0.00						
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00				1	0	0.00						
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	1	0	0.00				1	0	0.00						
		Drinking Water	4.	1	0	0.00				1	0	0.00						
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00				1	0	0.00						
		Drinking Water	5.	1	0	0.00				1	0	0.00						
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00				1	0	0.00						
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00				1	0	0.00						
		Drinking Water	1300.	1	0	0.00				1	0	0.00						
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00				1	0	0.00						
		Drinking Water	15.	1	0	0.00				1	0	0.00						
01057	THALLIUM, DISSOLVED	Fresh Acute	1400.	1	0	0.00				1	0	0.00						
		Drinking Water	2.	1	0	0.00				1	0	0.00						
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00				1	0	0.00						
		Drinking Water	100.	1	0	0.00				1	0	0.00						
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00				1	0	0.00						
		Drinking Water	100.	1	0	0.00				1	0	0.00						
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00				1	0	0.00						
		Drinking Water	5000.	1	0	0.00				1	0	0.00						
01095	ANTIMONY, DISSOLVED	Fresh Acute	88.	1	0	0.00				1	0	0.00						
		Drinking Water	6.	1	0	0.00				1	0	0.00						
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00				1	0	0.00						
		Drinking Water	50.	1	0	0.00				1	0	0.00						

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

Station Inventory for Station: GRBA0046

NPS Station ID: GRBA0046 | LAT/LON: 38.912559/-114.274920 | Agency: 11NPSWRD | Date Created: 08/08/98
Location: NORTH FORK OF BIG WASH SPRING | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): GRBA_BOR_RNB132
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 9520 | Water Body Id:
Minor Basin: GREAT SALT LAKE | ECO Region:
RF1 Index: 16020301 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WHEELER PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS A SPRING LOCATED ON THE NORTH FORK OF THE BIG WASH. THE SPRING IS IDENTIFIED AS RNB132 AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM A REPORT BY THE BUREAU OF RECLAMATION; "GREAT BASIN NATIONAL PARK; HYDROLOGIC INVENTORY;" 1994. THE OBJECTIVE OF THIS STUDY WAS TO LOCATE AND DESCRIBE NATURAL SPRINGS AND SEEPS WITHIN GRBA THAT HAD REMAINED ACTIVE UNDER THE DROUGHT SITUATION OCCURRING AT THAT TIME. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/01/94-09/01/94	1	9.9	9.9	9.9	9.9	0.	0.	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	09/01/94-09/01/94	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/01/94-09/01/94	1	371.	371.	371.	371.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	09/01/94-09/01/94	1	7.56	7.56	7.56	7.56	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	09/01/94-09/01/94	1	7.56	7.56	7.56	7.56	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/01/94-09/01/94	1	0.028	0.028	0.028	0.028	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0046

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00406	PH, FIELD	Fresh Chronic	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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0047

NPS Station ID: GRBA0047
LAT/LON: 38.913892/-114.150003
Agency: 11NPSWRD
Date Created: 08/15/98
Location: SNAKE CREEK #11
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): GRBA_USGS_SCK11
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE KIOUS SPRING NV 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED ON SNAKE CREEK AND IS WITHIN THE BOUNDARIES OF GREAT BASIN NATIONAL PARK. THE DATA ARE FROMA REPORT BY THE U.S. GEOLOGICAL SURVEY; "GREAT BASIN PARK SEEPAGE RUN; SEPTEMBER 1-3; 1992"; AND CAN ALSO BE FOUND IN THE 1992 ANNUAL WATER DATA OF NEVADA REPORT. THE PURPOSE OF THIS REPORT WAS TO DOCUMENT GAINING AND LOSING REACHES OF STREAMS DURING A PERIOD OF SUSTAINED LOW FLOW IN THE PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/03/92-09/03/92	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/03/92-09/03/92	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/03/92-09/03/92	1	162.	162.	162.	162.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: GRBA0048

NPS Station ID: GRBA0048
LAT/LON: 38.916670/-114.103615
Agency: 11NPSWRD
Date Created: 08/15/98
Location: SNAKE CREEK #16
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): GRBA_USGS_SCK16
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE GARRISON NV 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED ON SNAKE CREEK AND IS OUTSIDE THE BOUNDARIES OF GREAT BASIN NATIONAL PARK. THE DATA ARE FROM A REPORT BY THE U.S. GEOLOGICAL SURVEY; "GREAT BASIN PARK SEEPAGE RUN; SEPTEMBER 1-3; 1992"; AND CAN ALSO BE FOUND IN THE 1992 ANNUAL WATER DATA OF NEVADA REPORT. THE PURPOSE OF THIS REPORT WAS TO DOCUMENT GAINING AND LOSING REACHES OF STREAMS DURING A PERIOD OF SUSTAINED LOW FLOW IN THE PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0048

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/03/92-09/03/92	1	14.5	14.5	14.5	14.5	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/03/92-09/03/92	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/03/92-09/03/92	1	378.	378.	378.	378.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: GRBA0049

NPS Station ID: GRBA0049
LAT/LON: 38.918337/-114.113337
Agency: 11NPSWRD
Date Created: 08/15/98
Location: SNAKE CREEK #15
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): GRBA_USGS_SCK15
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE GARRISON NV 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED ON SNAKE CREEK AND IS OUTSIDE THE BOUNDARIES OF GREAT BASIN NATIONAL PARK. THE DATA ARE FROM A REPORT BY THE U.S. GEOLOGICAL SURVEY; "GREAT BASIN PARK SEEPAGE RUN; SEPTEMBER 1-3; 1992"; AND CAN ALSO BE FOUND IN THE 1992 ANNUAL WATER DATA OF NEVADA REPORT. THE PURPOSE OF THIS REPORT WAS TO DOCUMENT GAINING AND LOSING REACHES OF STREAMS DURING A PERIOD OF SUSTAINED LOW FLOW IN THE PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0049

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/03/92-09/03/92	1	13.5	13.5	13.5	13.5	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/03/92-09/03/92	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/03/92-09/03/92	1	320.	320.	320.	320.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: GRBA0050

NPS Station ID: GRBA0050
LAT/LON: 38.918337/-114.141670
Agency: 11NPSWRD
Date Created: 08/15/98
Location: SNAKE CREEK #12
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): GRBA_USGS_SCK12
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE KIOUS SPRING NV 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED ON SNAKE CREEK AND IS WITHIN THE BOUNDARIES OF GREAT BASIN NATIONAL PARK. THE DATA ARE FROMA REPORT BY THE U.S. GEOLOGICAL SURVEY; "GREAT BASIN PARK SEEPAGE RUN; SEPTEMBER 1-3; 1992"; AND CAN ALSO BE FOUND IN THE 1992 ANNUAL WATER DATA OF NEVADA REPORT. THE PURPOSE OF THIS REPORT WAS TO DOCUMENT GAINING AND LOSING REACHES OF STREAMS DURING A PERIOD OF SUSTAINED LOW FLOW IN THE PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0050

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/03/92-09/03/92	1	11.5	11.5	11.5	11.5	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/03/92-09/03/92	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/03/92-09/03/92	1	216.	216.	216.	216.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: GRBA0051

NPS Station ID: GRBA0051
LAT/LON: 38.918615/-114.098893
Agency: 11NPSWRD
Date Created: 08/15/98
Location: SNAKE CREEK #17
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): GRBA_USGS_SCK17
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE GARRISON NV 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED ON SNAKE CREEK AND IS OUTSIDE THE BOUNDARIES OF GREAT BASIN NATIONAL PARK. THE DATA ARE FROM A REPORT BY THE U.S. GEOLOGICAL SURVEY; "GREAT BASIN PARK SEEPAGE RUN; SEPTEMBER 1-3; 1992"; AND CAN ALSO BE FOUND IN THE 1992 ANNUAL WATER DATA OF NEVADA REPORT. THE PURPOSE OF THIS REPORT WAS TO DOCUMENT GAINING AND LOSING REACHES OF STREAMS DURING A PERIOD OF SUSTAINED LOW FLOW IN THE PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0051

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/03/92-09/03/92	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/03/92-09/03/92	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/03/92-09/03/92	1	354.	354.	354.	354.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: GRBA0052

NPS Station ID: GRBA0052 LAT/LON: 38.918670/-114.098476 Agency: 11NPSWRD Date Created: 10/10/98
Location: SNAKE CK APPROX. 1.5 MILES EAST OF PARK BDRY. FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): GRBA_BLM_SNAKE1
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 16020301 Depth of Water: 0 Aquifer:
Major Basin: GREAT BASIN Elevation: 0 Water Body Id:
Minor Basin: GREAT SALT LAKE ECO Region:
RF1 Index: 16020301 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 16020301119900.00 RF3 Mile Point: 1.19 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE GARRISON UT-NV 7.5 MINUTE SERIES (TOPO.) QUADRANGLE. THE SITE IS LOCATED AT SNAKE CREEK APPROXIMATELY 1.5 MILES EAST OF THE GREAT BASIN NATIONAL PARK BOUNDARY. THE DATA ARE FROM A BUREAU OF LAND MANAGEMENT REPORT; "WATER QUALITY SAMPLING IN THE SCHELL ES AREA WHITE PINE COUNTY - NEVADA;" 1979. THE STUDY WAS CONDUCTED TO ASSESS WATER QUALITY OF SEVERAL STREAMS LOCATED ON PUBLIC LANDS IN EASTERN NEVADA. FURTHER SAMPLING WAS CONDUCTED BY THE BLM IN 1981 AND RESULTS WERE COMPARED TO THOSE IN THIS STUDY. THE 1981 WATER QUALITY DATA ALSO HAVE BEEN UPLOADED TO STORET BY THE NATIONAL PARK SERVICE. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0052

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/24/79-09/27/79	3	13.	13.333	16.	11.	6.333	2.517	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	05/24/79-09/27/79	3	7.8	8.	8.4	7.8	0.12	0.346	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/24/79-09/27/79	3	7.8	7.925	8.4	7.8	0.129	0.358	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/24/79-09/27/79	3	0.016	0.012	0.016	0.004	0.	0.007	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	05/24/79-09/27/79	3	130.	142.667	210.	88.	3841.333	61.978	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	05/24/79-07/26/79	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/24/79-09/27/79	3	0.21	0.233	0.35	0.14	0.011	0.107	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/24/79-09/27/79	3	0.013	0.014	0.024	0.005	0.	0.01	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	05/24/79-09/27/79	3	24.	28.333	42.	19.	146.333	12.097	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	05/24/79-09/27/79	3	0.008	0.015	0.03	0.008	0.	0.013	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	05/24/79-09/27/79	3	4.2	5.2	7.8	3.6	5.16	2.272	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	05/24/79-09/27/79	3	1.3	1.2	1.3	1.	0.03	0.173	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/24/79-09/27/79	3	7.	8.667	12.	7.	8.333	2.887	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	05/24/79-09/27/79	3	9.	9.333	12.	7.	6.333	2.517	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/24/79-09/27/79	3	380.	606.667	1400.	40.	500933.333	707.766	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/24/79-09/27/79	3	2.58	2.443	3.146	1.602	0.61	0.781	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			277.113								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/24/79-09/27/79	3	63.	92.667	180.	35.	5916.333	76.918	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/24/79-09/27/79	3	1.799	1.866	2.255	1.544	0.13	0.36	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			73.49								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/24/79-09/27/79	3	540.	523.333	600.	430.	7433.333	86.217	**	**	**	**
82078	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	05/24/79-09/27/79	3	29.	35.433	70.	7.3	1013.863	31.841	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0052

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00406	PH, FIELD	Fresh Chronic	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			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	250.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	3	1	0.33	1	0	0.00	1	1	1.00	1	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
82078	TURBIDITY, FIELD	Other-Hi Lim.	50.	3	1	0.33	1	0	0.00	1	1	1.00	1	0	0.00			

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

Station Inventory for Station: GRBA0053

NPS Station ID: GRBA0053 LAT/LON: 38.918698/-114.098476 Agency: 11NPSWRD Date Created: 10/10/98
Location: SNAKE CK APPROX. 1.5 MILES E OF GREAT BASIN NP FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): GRBA_BLM_SNAKE
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 16020301 Depth of Water: 0 Aquifer:
Major Basin: GREAT BASIN Elevation: 0 Water Body Id:
Minor Basin: GREAT SALT LAKE ECO Region:
RF1 Index: 16020301 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 16020301119900.00 RF3 Mile Point: 1.19 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE GARRISON UT-NV 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT SNAKE CREEK APPROXIMATELY 1.5 MILES OUTSIDE (EAST) OF THE GREAT BASIN NATIONAL PARK BOUNDARY. THE DATA ARE FROM A REPORT BY TIMOTHY STACK OF THE BUREAU OF LAND MANAGEMENT; "1981 STREAM HABITAT INVENTORY; SCHELL RESOURCE AREA." THE STUDY WAS CONDUCTED TO ASSESS STREAM HABITAT CONDITIONS OF SEVERAL STREAMS LOCATED ON PUBLIC LANDS IN EASTERN NEVADA. THE REPORT FOCUSES ON QUALITY OF POOLS; BED MATERIALS; BANK COVER; RIPARIAN AREAS; AND AQUATIC INVERTEBRATES AS WELL AS WATER CHEMISTRY. DATA FROM THIS REPORT WERE COMPARED TO RESULTS FROM A 1979 BLM STUDY IN THE SAME AREA. THE 1979 DATA ALSO HAVE BEEN UPLOADED TO STORET BY THE NATIONAL PARK SERVICE. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0053

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/30/81-06/30/81	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/30/81-06/30/81	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	06/30/81-06/30/81	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	06/30/81-06/30/81	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/30/81-06/30/81	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/30/81-06/30/81	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/30/81-06/30/81	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: GRBA0053

				Total	Exceed	Prop.	----------9/15-4/14----------			----------4/15-6/14----------			----------6/15-9/14----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00							1	0	0.00			
00406	PH, FIELD	Fresh Chronic	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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0054

NPS Station ID: GRBA0054 | LAT/LON: 38.918809/-114.131754 | Agency: 11NPSWRD | Date Created: 11/21/98
Location: SNAKE CREEK AT PARK BOUNDARY | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): GRBA_EPA_GBS20
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 6190 | Water Body Id:
Minor Basin: GREAT SALT LAKE | ECO Region:
RF1 Index: 16020301 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE KIOUS SPRING NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT SNAKE CREEK AT PARK BOUNDARY AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM A REPORT BY RICHARD METCALF ET AL.; "CHEMISTRY OF SELECTED LAKES AND STREAMS IN GREAT BASIN NATIONAL PARK NEVADA DURING WINTER AND SPRING 1989;" SEPTEMBER 1992. THIS REPORT WAS PREPARED UNDER A COOPERATIVE AGREEMENT BETWEEN THE NATIONAL PARK SERVICE AND THE ENVIRONMENTAL PROTECTION AGENCY IN AN EFFORT TO OBTAINA COMPLETE CHEMICAL ANALYSIS OF THE WATERS IN GRBA. THE DATA ARE MEANT TO BE USED IN PARK RESOURCE ASSESSMENT; IN FUTURE STUDIES; AND AS A SOURCE OF BASELINE WATER QUALITY ANALYSES. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0054

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/28/89-05/28/89	1	147.	147.	147.	147.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/28/89-05/28/89	1	7.88	7.88	7.88	7.88	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/28/89-05/28/89	1	7.88	7.88	7.88	7.88	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/28/89-05/28/89	1	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/28/89-05/28/89	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	05/28/89-05/28/89	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	05/28/89-05/28/89	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/28/89-05/28/89	1	21.4	21.4	21.4	21.4	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/28/89-05/28/89	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/28/89-05/28/89	1	3.73	3.73	3.73	3.73	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/28/89-05/28/89	1	0.46	0.46	0.46	0.46	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/28/89-05/28/89	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/28/89-05/28/89	1	4.4	4.4	4.4	4.4	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	05/28/89-05/28/89	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	05/28/89-05/28/89	1	71.	71.	71.	71.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	05/28/89-05/28/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	05/28/89-05/28/89	1 ##	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/28/89-05/28/89	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	05/28/89-05/28/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

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

Parameter Inventory for Station: GRBA0054

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01040	COPPER, DISSOLVED (UG/L AS CU)	05/28/89-05/28/89	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	05/28/89-05/28/89	1 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	05/28/89-05/28/89	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/28/89-05/28/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01057	THALLIUM, DISSOLVED (UG/L AS TL)	05/28/89-05/28/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	05/28/89-05/28/89	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	05/28/89-05/28/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	05/28/89-05/28/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	05/28/89-05/28/89	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01095	ANTIMONY, DISSOLVED (UG/L AS SB)	05/28/89-05/28/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	05/28/89-05/28/89	1	7.	7.	7.	7.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	05/28/89-05/28/89	1	8.	8.	8.	8.	0.	0.	**	**	**	**
72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/28/89-05/28/89	1	6190.	6190.	6190.	6190.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0054

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00				1	0	0.00						
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00				1	0	0.00						
		Drinking Water	250.	1	0	0.00				1	0	0.00						
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00				1	0	0.00						
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00				1	0	0.00						
		Drinking Water	50.	1	0	0.00				1	0	0.00						
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00				1	0	0.00						
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	1	0	0.00				1	0	0.00						
		Drinking Water	4.	1	0	0.00				1	0	0.00						
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00				1	0	0.00						
		Drinking Water	5.	1	0	0.00				1	0	0.00						
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00				1	0	0.00						
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00				1	0	0.00						
		Drinking Water	1300.	1	0	0.00				1	0	0.00						
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00				1	0	0.00						
		Drinking Water	15.	1	0	0.00				1	0	0.00						
01057	THALLIUM, DISSOLVED	Fresh Acute	1400.	1	0	0.00				1	0	0.00						
		Drinking Water	2.	1	0	0.00				1	0	0.00						
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00				1	0	0.00						
		Drinking Water	100.	1	0	0.00				1	0	0.00						
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00				1	0	0.00						
		Drinking Water	100.	1	0	0.00				1	0	0.00						
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00				1	0	0.00						
		Drinking Water	5000.	1	0	0.00				1	0	0.00						
01095	ANTIMONY, DISSOLVED	Fresh Acute	88.	1	0	0.00				1	0	0.00						
		Drinking Water	6.	1	0	0.00				1	0	0.00						
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00				1	0	0.00						
		Drinking Water	50.	1	0	0.00				1	0	0.00						

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

Station Inventory for Station: GRBA0055

NPS Station ID: GRBA0055
LAT/LON: 38.918892/-114.116671
Agency: 21NEV-1
Date Created: / /
Location: SNAKE R AB FISH HATCHERY
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 310039
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 16020301
Depth of Water: 4
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.50
On/Off RF1:
RF3 Index: 16060008000629.03
RF3 Mile Point: 29.02
Distance from RF3: 0.06
On/Off RF3:
Description:

Parameter Inventory for Station: GRBA0055

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/23/66-07/09/75	10	12.25	12.75	17.	8.5	7.792	2.791	8.65	10.75	15.25	16.9
00080	COLOR (PLATINUM-COBALT UNITS)	08/23/66-07/09/75	10	2.5	3.	7.	0.	7.333	2.708	0.	0.	5.5	7.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/23/66-07/09/75	11	8.3	8.527	10.5	7.7	0.804	0.897	7.72	7.9	8.5	10.4
00310	BOD, 5 DAY, 20 DEG C MG/L	08/23/66-07/09/75	11	1.8	2.155	3.7	1.2	0.663	0.814	1.24	1.5	3.	3.58
00400	PH (STANDARD UNITS)	08/23/66-07/09/75	11	8.06	7.975	8.2	7.68	0.045	0.211	7.684	7.8	8.2	8.2
00400	CONVERTED PH (STANDARD UNITS)	08/23/66-07/09/75	11	8.06	7.929	8.2	7.68	0.047	0.217	7.684	7.8	8.2	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/23/66-07/09/75	11	0.009	0.012	0.021	0.006	0.	0.006	0.006	0.006	0.016	0.021
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/23/66-07/09/75	11	120.	114.	164.	72.	874.4	29.57	72.8	80.	130.	160.4
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/23/66-07/09/75	11	120.	113.727	160.	72.	834.418	28.886	72.8	80.	130.	157.2
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	08/23/66-07/21/70	7	0.	0.571	4.	0.	2.286	1.512	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/23/66-07/09/75	11	146.	138.636	195.	88.	1227.455	35.035	89.	98.	158.	191.6
00445	CARBONATE ION (MG/L AS CO3)	08/23/66-07/09/75	10	0.	0.4	2.	0.	0.711	0.843	0.	0.	0.5	2.
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	08/23/66-06/26/67	2	0.115	0.115	0.23	0.	0.026	0.163	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/23/66-10/24/68	6	0.	1.	6.	0.	6.	2.449	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/23/66-07/09/75	10 ##	0.068	0.376	1.33	0.045	0.249	0.499	0.045	0.045	0.823	1.31
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/23/66-07/09/75	10 ##	0.068	0.377	1.333	0.045	0.249	0.499	0.045	0.045	0.825	1.313
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	10/24/68-07/09/75	6	0.105	0.167	0.36	0.04	0.022	0.149	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/23/66-07/09/75	9	0.05	0.178	0.68	0.03	0.05	0.223	0.03	0.04	0.32	0.68
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/23/66-07/09/75	9	0.016	0.058	0.222	0.01	0.005	0.073	0.01	0.013	0.105	0.222
00940	CHLORIDE,TOTAL IN WATER MG/L	08/23/66-07/09/75	11	8.	18.091	120.	3.	1157.091	34.016	3.2	5.	11.	99.4
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/23/66-07/09/75	11	8.	18.091	120.	3.	1157.091	34.016	3.2	5.	11.	99.4
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/23/66-07/09/75	9	117.	293.889	1000.	10.	108765.861	329.797	10.	29.	480.	1000.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/23/66-07/09/75	9	2.068	2.094	3.	1.	0.504	0.71	1.	1.405	2.681	3.
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			124.023								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/21/69-08/21/69	1	400.	400.	400.	400.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/21/69-08/21/69	1	2.602	2.602	2.602	2.602	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			400.								
31651	PCB 1242/1248/1260 MISC MATRIX UG/G	08/25/71-07/09/75	3	24.	39.	83.	10.	1501.	38.743	**	**	**	**
39036	ALKALINITY,FILTERED SAMPLE AS CACO3 MG/L	08/23/66-07/09/75	11	120.	114.	164.	72.	874.4	29.57	72.8	80.	130.	160.4
70295	RESIDUE,TOTAL FILTRABLE (DRIED AT ANY TEMP),MG/L	08/23/66-07/09/75	11	134.	174.727	648.	69.	26134.218	161.661	69.2	96.	170.	555.6
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	08/23/66-07/09/75	10 ##	0.3	1.67	5.9	0.2	4.885	2.21	0.2	0.2	3.65	5.81
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/23/66-07/09/75	10 ##	0.3	1.67	5.9	0.2	4.885	2.21	0.2	0.2	3.65	5.81
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	08/21/69-07/09/75	5	0.7	1.62	5.3	0.4	4.327	2.08	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0055

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	11	0	0.00	2	0	0.00				9	0	0.00			
00400	PH	Fresh Chronic	9.	11	0	0.00	2	0	0.00				9	0	0.00			
		Other-Lo Lim.	6.5	11	0	0.00	2	0	0.00				9	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	10	0	0.00	2	0	0.00				8	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	10	0	0.00	2	0	0.00				8	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	11	0	0.00	2	0	0.00				9	0	0.00			
		Drinking Water	250.	11	0	0.00	2	0	0.00				9	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	11	0	0.00	2	0	0.00				9	0	0.00			
		Drinking Water	250.	11	0	0.00	2	0	0.00				9	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	9	1	0.11	1	1	1.00				8	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1	1	1.00							1	1	1.00			
71850	NITRATE NITROGEN, TOTAL (AS NO3)	Drinking Water	44.	10	0	0.00	2	0	0.00				8	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	10	0	0.00	2	0	0.00				8	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 criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 9/15 to 4/14 - Station GRBA0055

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/23/66-07/09/75	2	8.45	8.45	8.5	8.4	0.005	0.071	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	08/23/66-07/09/75	2	3.05	3.05	3.1	3.	0.005	0.071	**	**	**	**
00400	PH (STANDARD UNITS)	08/23/66-07/09/75	2	8.13	8.13	8.2	8.06	0.01	0.099	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/23/66-07/09/75	2	8.124	8.124	8.2	8.06	0.01	0.099	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/23/66-07/09/75	2	0.008	0.008	0.009	0.006	0.	0.002	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/23/66-07/09/75	2	155.	155.	164.	146.	162.	12.728	**	**	**	**
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/23/66-07/09/75	2	153.	153.	160.	146.	98.	9.899	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/23/66-07/09/75	2	186.5	186.5	195.	178.	144.5	12.021	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/23/66-07/09/75	2	12.5	12.5	17.	8.	40.5	6.364	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/23/66-07/09/75	2	12.5	12.5	17.	8.	40.5	6.364	**	**	**	**
39036	ALKALINITY,FILTERED SAMPLE AS CACO3 MG/L	08/23/66-07/09/75	2	155.	155.	164.	146.	162.	12.728	**	**	**	**
70295	RESIDUE,TOTAL FILTRABLE (DRIED AT ANY TEMP),MG/L	08/23/66-07/09/75	2	178.	178.	186.	170.	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 box-and-whisker plot

Seasonal Analysis for Season #3: 6/15 to 9/14 - Station GRBA0055

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/23/66-07/09/75	9	8.2	8.544	10.5	7.7	1.003	1.001	7.7	7.85	9.2	10.5
00310	BOD, 5 DAY, 20 DEG C MG/L	08/23/66-07/09/75	9	1.7	1.956	3.7	1.2	0.583	0.763	1.2	1.45	2.35	3.7
00400	PH (STANDARD UNITS)	08/23/66-07/09/75	9	7.83	7.941	8.2	7.68	0.047	0.218	7.68	7.75	8.175	8.2
00400	CONVERTED PH (STANDARD UNITS)	08/23/66-07/09/75	9	7.83	7.895	8.2	7.68	0.05	0.223	7.68	7.75	8.175	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/23/66-07/09/75	9	0.015	0.013	0.021	0.006	0.	0.006	0.006	0.007	0.018	0.021
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/23/66-07/09/75	9	106.	104.889	130.	72.	559.111	23.646	72.	78.	128.	130.
00425	ALKALINITY, BICARBONATE (MG/L AS CACO3)	08/23/66-07/09/75	9	107.	105.	130.	72.	559.5	23.654	72.	78.	128.	130.
00440	BICARBONATE ION (MG/L AS HCO3)	08/23/66-07/09/75	9	130.	128.	158.	88.	816.25	28.57	88.	95.5	156.	158.
00940	CHLORIDE,TOTAL IN WATER MG/L	08/23/66-07/09/75	9	7.	19.333	120.	3.	1431.75	37.838	3.	4.5	10.	120.
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/23/66-07/09/75	9	7.	19.333	120.	3.	1431.75	37.838	3.	4.5	10.	120.
39036	ALKALINITY,FILTERED SAMPLE AS CACO3 MG/L	08/23/66-07/09/75	9	106.	104.889	130.	72.	559.111	23.646	72.	78.	128.	130.
70295	RESIDUE,TOTAL FILTRABLE (DRIED AT ANY TEMP),MG/L	08/23/66-07/09/75	9	125.	174.	648.	69.	32648.5	180.689	69.	83.	155.5	648.

** - Less than 9 observations ## - Computed 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: GRBA0056

NPS Station ID: GRBA0056
LAT/LON: 38.918892/-114.130559
Agency: 11NPSWRD
Date Created: 08/15/98
Location: SNAKE CREEK #13
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): GRBA_USGS_SCK13
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE KIOUS SPRING NV 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED ON SNAKE CREEK AND IS OUTSIDE THE BOUNDARIES OF GREAT BASIN NATIONAL PARK. THE DATA ARE FROM A REPORT BY THE U.S. GEOLOGICAL SURVEY; "GREAT BASIN PARK SEEPAGE RUN; SEPTEMBER 1-3; 1992"; AND CAN ALSO BE FOUND IN THE 1992 ANNUAL WATER DATA OF NEVADA REPORT. THE PURPOSE OF THIS REPORT WAS TO DOCUMENT GAINING AND LOSING REACHES OF STREAMS DURING A PERIOD OF SUSTAINED LOW FLOW IN THE PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0056

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/03/92-09/03/92	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/03/92-09/03/92	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/03/92-09/03/92	1	215.	215.	215.	215.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: GRBA0057

NPS Station ID: GRBA0057 LAT/LON: 38.918892/-114.131727 Agency: 11NPSWRD Date Created: 06/20/98
Location: SNAKE CREEK AT INTERSECTION WITH GRBA BOUNDARY FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): GRBA_OSU_SNA5
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 Depth of Water: 0 Aquifer:
Major Basin: GREAT BASIN Elevation: 6180 Water Body Id:
Minor Basin: GREAT SALT LAKE ECO Region:
RF1 Index: 16020301 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 16020301119900.00 RF3 Mile Point: 1.19 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED AT THE KIOUS SPRING NV-WHITE PINE CO. 7.5 MINUTE SERIES (TOPO.) QUADRANGLE. THE SITE IS LOCATED AT SNAKE CREEK AT ITS INTERSECTION WITH THE PARK BOUNDARY AND IS LOCATED WITHIN GREAT BASIN NATIONAL PARK (GRBA). THE DATA ARE FROM A REPORT BY RUTH JACOBS ET AL.; "CHEMICAL CHARACTERISTICS OF SURFACE WATERS OF GREAT BASIN NATIONAL PARK;" DECEMBER 1993. THIS REPORT WAS PREPARED IN COOPERATION WITH THE NATIONAL PARK SERVICE. THE STUDY WAS DESIGNED TO COLLECT WATER QUALITY DATA FOR THE PARK TO AID IN THE PREPARATION OF A WATER QUALITY MONITORING PROGRAM TO MEET MANAGEMENT PLAN OBJECTIVES. THE SAMPLES WERE FILTERED WITH A 1.2 UM FILTER IN THE FIELD. ICP METAL VALUES WERE UPLOADED TO STORET BUT ARE CONSIDERED TO BE SUSPECT. FOR MORE INFO. CONTACT THE CHIEF OF RESOURCES AT GRBA; BAKER NV 89311 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0057

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/30/92-08/30/92	2	10.	10.	10.	10.	0.	0.	**	**	**	**
00064	DEPTH OF STREAM, MEAN (FT)	08/30/92-08/30/92	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/30/92-08/30/92	2	193.	193.	214.	172.	882.	29.698	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/30/92-08/30/92	2	8.25	8.25	8.4	8.1	0.045	0.212	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/30/92-08/30/92	2	8.225	8.225	8.4	8.1	0.046	0.215	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/30/92-08/30/92	2	0.006	0.006	0.008	0.004	0.	0.003	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/30/92-08/30/92	2	191.5	191.5	197.	186.	60.5	7.778	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/30/92-08/30/92	2	0.005	0.005	0.005	0.004	0.	0.001	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/30/92-08/30/92	2	0.035	0.035	0.04	0.03	0.	0.007	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/30/92-08/30/92	2 ##	0.	0.	0.001	0.	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/30/92-08/30/92	2	0.012	0.012	0.012	0.011	0.	0.001	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/30/92-08/30/92	1 ##	0.023	0.023	0.023	0.023	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/30/92-08/30/92	3	0.002	0.003	0.004	0.002	0.	0.001	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/30/92-08/30/92	2	32.2	32.2	32.8	31.6	0.72	0.849	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/30/92-08/30/92	2	3.3	3.3	3.3	3.3	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/30/92-08/30/92	2	5.415	5.415	5.47	5.36	0.006	0.078	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/30/92-08/30/92	2	0.675	0.675	0.69	0.66	0.	0.021	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/30/92-08/30/92	2	4.5	4.5	5.	4.	0.5	0.707	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/30/92-08/30/92	2	1.75	1.75	1.8	1.7	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: GRBA0057

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/30/92-08/30/92	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/30/92-08/30/92	1 ##	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/30/92-08/30/92	1	33.	33.	33.	33.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/30/92-08/30/92	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/30/92-08/30/92	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	08/30/92-08/30/92	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/30/92-08/30/92	1	61.	61.	61.	61.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	08/30/92-08/30/92	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/30/92-08/30/92	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	08/30/92-08/30/92	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	08/30/92-08/30/92	1 ##	3.	3.	3.	3.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/30/92-08/30/92	1	319.	319.	319.	319.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/30/92-08/30/92	1	147.	147.	147.	147.	0.	0.	**	**	**	**
01095	ANTIMONY, DISSOLVED (UG/L AS SB)	08/30/92-08/30/92	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01100	TIN, DISSOLVED (UG/L AS SN)	08/30/92-08/30/92	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/30/92-08/30/92	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	08/30/92-08/30/92	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
50098	CALCIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/30/92-08/30/92	1	102.22	102.22	102.22	102.22	0.	0.	**	**	**	**
50104	POTASSIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/30/92-08/30/92	1	1.64	1.64	1.64	1.64	0.	0.	**	**	**	**
50105	MAGNESIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/30/92-08/30/92	1	10.46	10.46	10.46	10.46	0.	0.	**	**	**	**
50108	SODIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/30/92-08/30/92	1	15.71	15.71	15.71	15.71	0.	0.	**	**	**	**
50932	SULFUR, DISSOLVED AS S MG/L	08/30/92-08/30/92	1	4.429	4.429	4.429	4.429	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/30/92-08/30/92	2	126.	126.	129.	123.	18.	4.243	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/30/92-08/30/92	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: GRBA0057

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	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			
		Drinking Water	250.	2	0	0.00							2	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	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			
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00							1	0	0.00			
		Drinking Water	5.	1	0	0.00							1	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00							1	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00							1	0	0.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00							1	0	0.00			
		Drinking Water	15.	1	0	0.00							1	0	0.00			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	1	1.00							1	1	1.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			
01095	ANTIMONY, DISSOLVED	Fresh Acute	88.	1	0	0.00							1	0	0.00			
		Drinking Water	6.	0 &	0	0.00												

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

Station Inventory for Station: GRBA0058

NPS Station ID: GRBA0058 LAT/LON: 38.918892/-114.131727 Agency: 11NPSWRD Date Created: 07/11/98
Location: SNAKE CREEK INTERSECTION WITH GRBA BOUNDARY FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): GRBA_NPS_SNA5
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 Depth of Water: 0 Aquifer:
Major Basin: GREAT BASIN Elevation: 6180 Water Body Id:
Minor Basin: GREAT SALT LAKE ECO Region:
RF1 Index: 16020301 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 16020301119900.00 RF3 Mile Point: 1.19 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE KIOUS SPRING NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT SNAKE CREEK AT THE INTERSECTION WITH THE PARK BOUNDARY AND IS LOCATED WITHIN GREAT BASIN NATIONAL PARK. THE DATA ARE FROM SEVERAL YEARLY REPORTS (1990-97) BY KURT PFAFF; PHYSICAL SCIENCE TECHNICIAN FOR GREAT BASIN NATIONAL PARK. A SURFACE WATER QUALITY MONITORING PROGRAM WAS INSTITUTED TO ACQUIRE THE DATA FROM THE PARK WATERS ON A SEMI-ANNUAL BASIS. DATA ARE INTEGRATED INTO THE PARK'S WATER RESOURCE MANAGEMENT PLAN IN ORDER TO PERPETUATE THE INHERENT NATURAL INTEGRITY OF ITS WATER-DEPENDENT ENVIRONMENTS. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0058

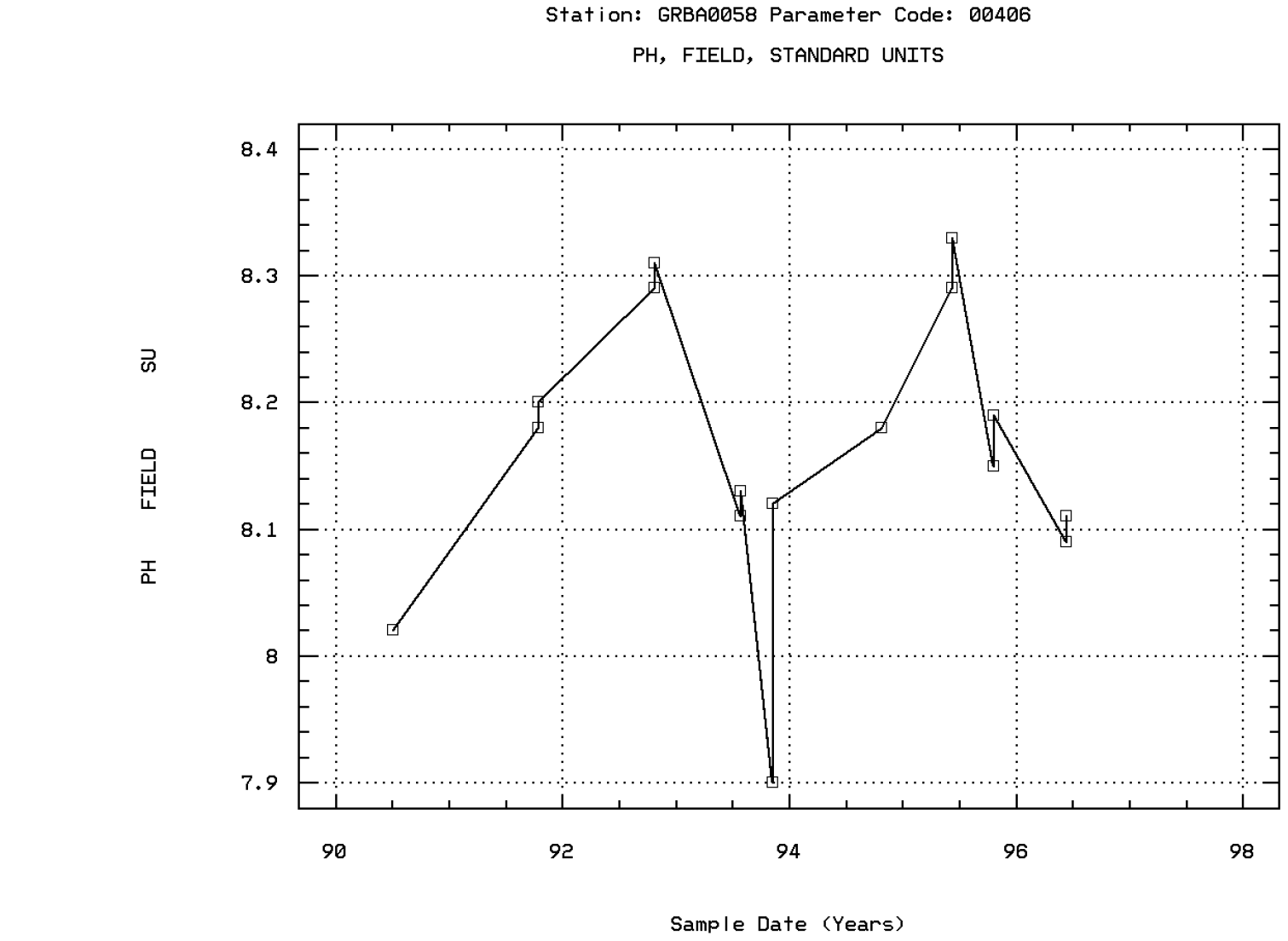
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/03/90-06/12/96	7	9.	11.857	30.	5.	72.476	8.513	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/20/95-10/20/95	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/15/91-06/12/96	8	192.5	191.75	242.	141.	1223.643	34.981	**	**	**	**
00406p	PH, FIELD, STANDARD UNITS SU	07/03/90-06/12/96	17	8.18	8.164	8.33	7.9	0.012	0.109	7.996	8.11	8.245	8.314
00406p	CONVERTED PH, FIELD, STANDARD UNITS	07/03/90-06/12/96	17	8.18	8.15	8.33	7.9	0.012	0.109	7.996	8.11	8.245	8.314
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/03/90-06/12/96	17	0.007	0.007	0.013	0.005	0.	0.002	0.005	0.006	0.008	0.01

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

EPA Water Quality Criteria Analysis for Station: GRBA0058

				Total	Exceed	Prop.	----------9/15-4/14----------			----------4/15-6/14----------			----------6/15-9/14----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00406	PH, FIELD	Fresh Chronic	9.	17	0	0.00	10	0	0.00	4	0	0.00	3	0	0.00			
		Other-Lo Lim.	6.5	17	0	0.00	10	0	0.00	4	0	0.00	3	0	0.00			

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



SNAKE CREEK INTERSECTION WITH GRBA BOUN

Station Inventory for Station: GRBA0059

NPS Station ID: GRBA0059
LAT/LON: 38.919170/-114.125837
Agency: 11NPSWRD
Date Created: 08/15/98
Location: SNAKE CREEK #14
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): GRBA_USGS_SCK14
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE KIOUS SPRING NV 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED ON SNAKE CREEK AND IS OUTSIDE THE BOUNDARIES OF GREAT BASIN NATIONAL PARK. THE DATA ARE FROM A REPORT BY THE U.S. GEOLOGICAL SURVEY; "GREAT BASIN PARK SEEPAGE RUN; SEPTEMBER 1-3; 1992"; AND CAN ALSO BE FOUND IN THE 1992 ANNUAL WATER DATA OF NEVADA REPORT. THE PURPOSE OF THIS REPORT WAS TO DOCUMENT GAINING AND LOSING REACHES OF STREAMS DURING A PERIOD OF SUSTAINED LOW FLOW IN THE PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/03/92-09/03/92	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/03/92-09/03/92	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/03/92-09/03/92	1	216.	216.	216.	216.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: GRBA0060

NPS Station ID: GRBA0060 LAT/LON: 38.921365/-114.227477 Agency: 11NPSWRD Date Created: 07/11/98
Location: SNAKE CREEK AT SNAKE CREEK CAMPGROUND FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): GRBA_NPS_SNA902
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 Depth of Water: 0 Aquifer:
Major Basin: GREAT BASIN Elevation: 0 Water Body Id:
Minor Basin: GREAT SALT LAKE ECO Region:
RF1 Index: 16020301 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 16020301119900.00 RF3 Mile Point: 1.19 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE KIOUS SPRING NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT SNAKE CREEK ABOVE SHOSHONE CAMPGROUND AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THIS SAMPLING SITE WAS DISCONTINUED FOR STUDIES AFTER 1990. THE DATA ARE FROM SEVERAL YEARLY REPORTS (1990-97) BY KURT PFAFF; PHYSICAL SCIENCE TECHNICIAN FOR GRBA. A SURFACE WATER QUALITY MONITORING PROGRAM WAS INSTITUTED TO ACQUIRE DATA FROM THE PARK WATERS ON A SEMI-ANNUAL BASIS. DATA ARE INTEGRATED INTO THE PARK'S WATER RESOURCE MANAGEMENT PLAN IN ORDER TO PERPETUATE THE INHERENT NATURAL INTEGRITY OF ITS WATER-DEPENDENT ENVIRONMENTS. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0060

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/03/90-07/03/90	1	30.	30.	30.	30.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/03/90-07/03/90	1	7.74	7.74	7.74	7.74	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/03/90-07/03/90	1	7.74	7.74	7.74	7.74	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/03/90-07/03/90	1	0.018	0.018	0.018	0.018	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0060

			Total	Exceed	Prop.	9/15-4/14			4/15-6/14			6/15-9/14			n/a		
Parameter	Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00406 PH, FIELD	Fresh Chronic	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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0061

NPS Station ID: GRBA0061 LAT/LON: 38.921392/-114.227477 Agency: 11NPSWRD Date Created: 11/21/98
Location: SNAKE CREEK AT SNAKE CREEK CAMPGROUND FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): GRBA_EPA_GBS17
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 Depth of Water: 0 Aquifer:
Major Basin: GREAT BASIN Elevation: 7600 Water Body Id:
Minor Basin: GREAT SALT LAKE ECO Region:
RF1 Index: 16020301 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 16020301119900.00 RF3 Mile Point: 1.19 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE KIOUS SPRING NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT SNAKE CREEK AT SNAKE CREEK CAMPGROUND AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM A REPORT BY RICHARD METCALF ET AL.; "CHEMISTRY OF SELECTED LAKES AND STREAMS IN GREAT BASIN NATIONAL PARK NEVADA DURING WINTER AND SPRING 1989;" SEPTEMBER 1992. THIS REPORT WAS PREPARED UNDER A COOPERATIVE AGREEMENT BETWEEN THE NPS AND THE ENVIRONMENTAL PROTECTION AGENCY IN AN EFFORT TO OBTAIN A COMPLETE CHEMICAL ANALYSIS OF THE WATERS IN GRBA. THE DATA ARE MEANT TO BE USED IN PARK RESOURCE ASSESSMENT; IN FUTURE STUDIES; AND AS A SOURCE OF BASELINE WATER QUALITY ANALYSES. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0061

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/28/89-05/28/89	1	91.	91.	91.	91.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/28/89-05/28/89	1	7.81	7.81	7.81	7.81	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/28/89-05/28/89	1	7.81	7.81	7.81	7.81	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/28/89-05/28/89	1	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/28/89-05/28/89	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	05/28/89-05/28/89	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	05/28/89-05/28/89	1	8.9	8.9	8.9	8.9	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/28/89-05/28/89	1	13.6	13.6	13.6	13.6	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/28/89-05/28/89	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/28/89-05/28/89	1	2.2	2.2	2.2	2.2	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/28/89-05/28/89	1	0.35	0.35	0.35	0.35	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/28/89-05/28/89	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/28/89-05/28/89	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	05/28/89-05/28/89	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	05/28/89-05/28/89	1	102.	102.	102.	102.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	05/28/89-05/28/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	05/28/89-05/28/89	1 ##	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/28/89-05/28/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	05/28/89-05/28/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

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

Parameter Inventory for Station: GRBA0061

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01040	COPPER, DISSOLVED (UG/L AS CU)	05/28/89-05/28/89	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	05/28/89-05/28/89	1 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	05/28/89-05/28/89	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/28/89-05/28/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01057	THALLIUM, DISSOLVED (UG/L AS TL)	05/28/89-05/28/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	05/28/89-05/28/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	05/28/89-05/28/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	05/28/89-05/28/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	05/28/89-05/28/89	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01095	ANTIMONY, DISSOLVED (UG/L AS SB)	05/28/89-05/28/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	05/28/89-05/28/89	1	15.	15.	15.	15.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	05/28/89-05/28/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/28/89-05/28/89	1	7600.	7600.	7600.	7600.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0061

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00				1	0	0.00						
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00				1	0	0.00						
		Drinking Water	250.	1	0	0.00				1	0	0.00						
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00				1	0	0.00						
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00				1	0	0.00						
		Drinking Water	50.	1	0	0.00				1	0	0.00						
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00				1	0	0.00						
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	1	0	0.00				1	0	0.00						
		Drinking Water	4.	1	0	0.00				1	0	0.00						
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00				1	0	0.00						
		Drinking Water	5.	1	0	0.00				1	0	0.00						
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00				1	0	0.00						
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00				1	0	0.00						
		Drinking Water	1300.	1	0	0.00				1	0	0.00						
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00				1	0	0.00						
		Drinking Water	15.	1	0	0.00				1	0	0.00						
01057	THALLIUM, DISSOLVED	Fresh Acute	1400.	1	0	0.00				1	0	0.00						
		Drinking Water	2.	1	0	0.00				1	0	0.00						
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00				1	0	0.00						
		Drinking Water	100.	1	0	0.00				1	0	0.00						
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00				1	0	0.00						
		Drinking Water	100.	1	0	0.00				1	0	0.00						
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00				1	0	0.00						
		Drinking Water	5000.	1	0	0.00				1	0	0.00						
01095	ANTIMONY, DISSOLVED	Fresh Acute	88.	1	0	0.00				1	0	0.00						
		Drinking Water	6.	1	0	0.00				1	0	0.00						
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00				1	0	0.00						
		Drinking Water	50.	1	0	0.00				1	0	0.00						

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

Station Inventory for Station: GRBA0062

NPS Station ID: GRBA0062
LAT/LON: 38.921392/-114.227782
Agency: 11NPSWRD
Date Created: 08/15/98
Location: SNAKE CREEK #6
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): GRBA_USGS_SCK6
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE KIOUS SPRING NV 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED ON SNAKE CREEK AND IS WITHIN THE BOUNDARIES OF GREAT BASIN NATIONAL PARK. THE DATA ARE FROMA REPORT BY THE U.S. GEOLOGICAL SURVEY; "GREAT BASIN PARK SEEPAGE RUN; SEPTEMBER 1-3; 1992"; AND CAN ALSO BE FOUND IN THE 1992 ANNUAL WATER DATA OF NEVADA REPORT. THE PURPOSE OF THIS REPORT WAS TO DOCUMENT GAINING AND LOSING REACHES OF STREAMS DURING A PERIOD OF SUSTAINED LOW FLOW IN THE PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0062

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/03/92-09/03/92	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/03/92-09/03/92	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/03/92-09/03/92	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

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

Station Inventory for Station: GRBA0063

NPS Station ID: GRBA0063 | LAT/LON: 38.921559/-114.223531 | Agency: 11NPSWRD | Date Created: 07/11/98
Location: SNAKE CREEK 8 METERS ABOVE DIVERSION INTAKE | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): GRBA_NPS_SNA3
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 7620 | Water Body Id:
Minor Basin: GREAT SALT LAKE | ECO Region:
RF1 Index: 16020301 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE KIOUS SPRING NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT SNAKE CREEK 8 METERS ABOVE THE DIVERSION INTAKE AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK BOUNDARY. THE DATA ARE FROM SEVERAL YEARLY REPORTS (1990-97) BY KURT PFAFF; PHYSICAL SCIENCE TECHNICIAN FOR GREAT BASIN NATIONAL PARK. A SURFACE WATER QUALITY MONITORING PROGRAM WAS INSTITUTED TO ACQUIRE THE DATA FROM THE PARK WATERS ON A SEMI-ANNUAL BASIS. DATA ARE INTEGRATED INTO THE PARK'S WATER RESOURCE MANAGEMENT PLAN IN ORDER TO PERPETUATE THE INHERENT NATURAL INTEGRITY OF ITS WATER-DEPENDENT ENVIRONMENTS. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0063

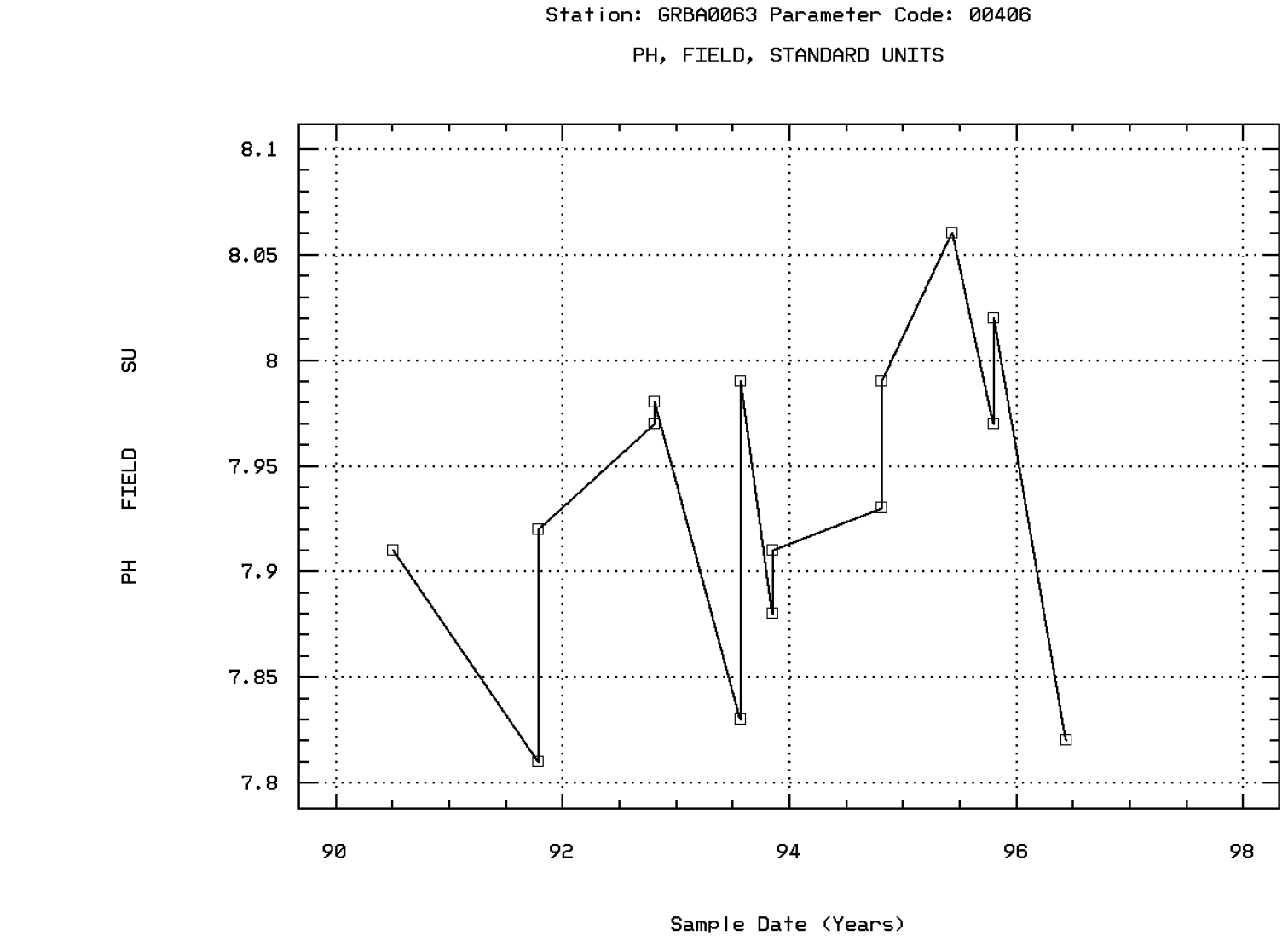
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/03/90-06/12/96	7	5.	9.286	30.	2.	91.905	9.587	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/20/95-10/20/95	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/15/91-06/12/96	8	115.	111.125	128.	84.	193.839	13.923	**	**	**	**
00406p	PH, FIELD, STANDARD UNITS SU	07/03/90-06/12/96	17	7.93	7.934	8.06	7.81	0.007	0.082	7.818	7.855	7.99	8.06
00406p	CONVERTED PH, FIELD, STANDARD UNITS	07/03/90-06/12/96	17	7.93	7.926	8.06	7.81	0.007	0.082	7.818	7.855	7.99	8.06
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/03/90-06/12/96	17	0.012	0.012	0.015	0.009	0.	0.002	0.009	0.01	0.014	0.015

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

EPA Water Quality Criteria Analysis for Station: GRBA0063

			Total	Exceed	Prop.	----------9/15-4/14----------			----------4/15-6/14----------			----------6/15-9/14----------			----------n/a----------		
Parameter	Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00406 PH, FIELD	Fresh Chronic	9.	17	0	0.00	10	0	0.00	4	0	0.00	3	0	0.00			
	Other-Lo Lim.	6.5	17	0	0.00	10	0	0.00	4	0	0.00	3	0	0.00			

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



SNAKE CREEK 8 METERS ABOVE DIVERSION IN

Station Inventory for Station: GRBA0064

NPS Station ID: GRBA0064
LAT/LON: 38.921559/-114.223531
Agency: 11NPSWRD
Date Created: 11/21/98
Location: SNAKE CREEK AT BYPASS PIPE INLET
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): GRBA_EPA_GBS18
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 7550
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE KIOUS SPRING NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT SNAKE CREEK AT THE BYPASS PIPE INLET AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM A REPORT BY RICHARD METCALF ET AL.; "CHEMISTRY OF SELECTED LAKES AND STREAMS IN GREAT BASIN NATIONAL PARK NEVADA DURING WINTER AND SPRING 1989;" SEPTEMBER 1992. THIS REPORT WAS PREPARED UNDER A COOPERATIVE AGREEMENT BETWEEN THE NPS AND THE ENVIRONMENTAL PROTECTION AGENCY IN AN EFFORT TO OBTAIN A COMPLETE CHEMICAL ANALYSIS OF THE WATERS IN GRBA. THE DATA ARE MEANT TO BE USED IN PARK RESOURCE ASSESSMENT; IN FUTURE STUDIES; AND AS A SOURCE OF BASELINE WATER QUALITY ANALYSES. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0064

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/28/89-05/28/89	1	96.	96.	96.	96.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/28/89-05/28/89	1	7.87	7.87	7.87	7.87	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/28/89-05/28/89	1	7.87	7.87	7.87	7.87	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/28/89-05/28/89	1	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/28/89-05/28/89	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	05/28/89-05/28/89	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	05/28/89-05/28/89	1	10.1	10.1	10.1	10.1	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/28/89-05/28/89	1	14.3	14.3	14.3	14.3	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/28/89-05/28/89	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/28/89-05/28/89	1	2.26	2.26	2.26	2.26	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/28/89-05/28/89	1	0.36	0.36	0.36	0.36	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/28/89-05/28/89	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/28/89-05/28/89	1	3.1	3.1	3.1	3.1	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	05/28/89-05/28/89	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	05/28/89-05/28/89	1	87.	87.	87.	87.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	05/28/89-05/28/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	05/28/89-05/28/89	1 ##	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/28/89-05/28/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	05/28/89-05/28/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

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

Parameter Inventory for Station: GRBA0064

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01040	COPPER, DISSOLVED (UG/L AS CU)	05/28/89-05/28/89	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	05/28/89-05/28/89	1 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	05/28/89-05/28/89	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/28/89-05/28/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01057	THALLIUM, DISSOLVED (UG/L AS TL)	05/28/89-05/28/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	05/28/89-05/28/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	05/28/89-05/28/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	05/28/89-05/28/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	05/28/89-05/28/89	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01095	ANTIMONY, DISSOLVED (UG/L AS SB)	05/28/89-05/28/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	05/28/89-05/28/89	1	11.	11.	11.	11.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	05/28/89-05/28/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/28/89-05/28/89	1	7550.	7550.	7550.	7550.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0064

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00				1	0	0.00						
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00				1	0	0.00						
		Drinking Water	250.	1	0	0.00				1	0	0.00						
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00				1	0	0.00						
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00				1	0	0.00						
		Drinking Water	50.	1	0	0.00				1	0	0.00						
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00				1	0	0.00						
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	1	0	0.00				1	0	0.00						
		Drinking Water	4.	1	0	0.00				1	0	0.00						
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00				1	0	0.00						
		Drinking Water	5.	1	0	0.00				1	0	0.00						
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00				1	0	0.00						
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00				1	0	0.00						
		Drinking Water	1300.	1	0	0.00				1	0	0.00						
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00				1	0	0.00						
		Drinking Water	15.	1	0	0.00				1	0	0.00						
01057	THALLIUM, DISSOLVED	Fresh Acute	1400.	1	0	0.00				1	0	0.00						
		Drinking Water	2.	1	0	0.00				1	0	0.00						
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00				1	0	0.00						
		Drinking Water	100.	1	0	0.00				1	0	0.00						
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00				1	0	0.00						
		Drinking Water	100.	1	0	0.00				1	0	0.00						
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00				1	0	0.00						
		Drinking Water	5000.	1	0	0.00				1	0	0.00						
01095	ANTIMONY, DISSOLVED	Fresh Acute	88.	1	0	0.00				1	0	0.00						
		Drinking Water	6.	1	0	0.00				1	0	0.00						
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00				1	0	0.00						
		Drinking Water	50.	1	0	0.00				1	0	0.00						

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

Station Inventory for Station: GRBA0065

NPS Station ID: GRBA0065
LAT/LON: 38.921670/-114.223615
Agency: 11NPSWRD
Date Created: 08/15/98
Location: SNAKE CREEK #7
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): GRBA_USGS_SCK7
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE KIOUS SPRING NV 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED ON SNAKE CREEK AND IS WITHIN THE BOUNDARIES OF GREAT BASIN NATIONAL PARK. THE DATA ARE FROMA REPORT BY THE U.S. GEOLOGICAL SURVEY; "GREAT BASIN PARK SEEPAGE RUN; SEPTEMBER 1-3; 1992"; AND CAN ALSO BE FOUND IN THE 1992 ANNUAL WATER DATA OF NEVADA REPORT. THE PURPOSE OF THIS REPORT WAS TO DOCUMENT GAINING AND LOSING REACHES OF STREAMS DURING A PERIOD OF SUSTAINED LOW FLOW IN THE PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0065

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/03/92-09/03/92	1	10.5	10.5	10.5	10.5	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/03/92-09/03/92	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/03/92-09/03/92	1	115.	115.	115.	115.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: GRBA0066

NPS Station ID: GRBA0066
LAT/LON: 38.921949/-114.086949
Agency: 11NPSWRD
Date Created: 08/15/98
Location: SNAKE CREEK #18 AND #19
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): GRBA_USGS_S1819
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE GARRISON NV 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED ON SNAKE CREEK AND IS OUTSIDE THE BOUNDARIES OF GREAT BASIN NATIONAL PARK. THE DATA ARE FROM A REPORT BY THE U.S. GEOLOGICAL SURVEY; "GREAT BASIN PARK SEEPAGE RUN; SEPTEMBER 1-3; 1992"; AND CAN ALSO BE FOUND IN THE 1992 ANNUAL WATER DATA OF NEVADA REPORT. THE PURPOSE OF THIS REPORT WAS TO DOCUMENT GAINING AND LOSING REACHES OF STREAMS DURING A PERIOD OF SUSTAINED LOW FLOW IN THE PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0066

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/03/92-09/03/92	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/03/92-09/03/92	2	3.	3.	3.	3.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/03/92-09/03/92	1	362.	362.	362.	362.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: GRBA0067

NPS Station ID: GRBA0067
LAT/LON: 38.922226/-114.232504
Agency: 11NPSWRD
Date Created: 08/15/98
Location: SNAKE CREEK #5
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): GRBA_USGS_SCK5
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE KIOUS SPRING NV 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED ON SNAKE CREEK AND IS WITHIN THE BOUNDARIES OF GREAT BASIN NATIONAL PARK. THE DATA ARE FROMA REPORT BY THE U.S. GEOLOGICAL SURVEY; "GREAT BASIN PARK SEEPAGE RUN; SEPTEMBER 1-3; 1992"; AND CAN ALSO BE FOUND IN THE 1992 ANNUAL WATER DATA OF NEVADA REPORT. THE PURPOSE OF THIS REPORT WAS TO DOCUMENT GAINING AND LOSING REACHES OF STREAMS DURING A PERIOD OF SUSTAINED LOW FLOW IN THE PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0067

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/03/92-09/03/92	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/03/92-09/03/92	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/03/92-09/03/92	1	106.	106.	106.	106.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: GRBA0068

NPS Station ID: GRBA0068
LAT/LON: 38.924448/-114.239170
Agency: 11NPSWRD
Date Created: 08/15/98
Location: SNAKE CREEK #4
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): GRBA_USGS_SCK4
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE KIOUS SPRING NV 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED ON SNAKE CREEK AND IS WITHIN THE BOUNDARIES OF GREAT BASIN NATIONAL PARK. THE DATA ARE FROMA REPORT BY THE U.S. GEOLOGICAL SURVEY; "GREAT BASIN PARK SEEPAGE RUN; SEPTEMBER 1-3; 1992"; AND CAN ALSO BE FOUND IN THE 1992 ANNUAL WATER DATA OF NEVADA REPORT. THE PURPOSE OF THIS REPORT WAS TO DOCUMENT GAINING AND LOSING REACHES OF STREAMS DURING A PERIOD OF SUSTAINED LOW FLOW IN THE PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0068

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/03/92-09/03/92	1	9.5	9.5	9.5	9.5	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/03/92-09/03/92	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/03/92-09/03/92	1	105.	105.	105.	105.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: GRBA0069

NPS Station ID: GRBA0069
LAT/LON: 38.925004/-114.246670
Agency: 11NPSWRD
Date Created: 08/15/98
Location: SNAKE CREEK #3
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): GRBA_USGS_SCK3
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE KIOUS SPRING NV 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED ON SNAKE CREEK AND IS WITHIN THE BOUNDARIES OF GREAT BASIN NATIONAL PARK. THE DATA ARE FROMA REPORT BY THE U.S. GEOLOGICAL SURVEY; "GREAT BASIN PARK SEEPAGE RUN; SEPTEMBER 1-3; 1992"; AND CAN ALSO BE FOUND IN THE 1992 ANNUAL WATER DATA OF NEVADA REPORT. THE PURPOSE OF THIS REPORT WAS TO DOCUMENT GAINING AND LOSING REACHES OF STREAMS DURING A PERIOD OF SUSTAINED LOW FLOW IN THE PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0069

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/03/92-09/03/92	1	9.5	9.5	9.5	9.5	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/03/92-09/03/92	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/03/92-09/03/92	1	343.	343.	343.	343.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: GRBA0070

NPS Station ID: GRBA0070 LAT/LON: 38.925115/-114.247392 Agency: 11NPSWRD Date Created: 11/21/98
Location: SNAKE CREEK; NORTH FORK-SOUTH FORK CONFLUENCE FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): GRBA_EPA_GBS16
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 Depth of Water: 0 Aquifer:
Major Basin: GREAT BASIN Elevation: 7980 Water Body Id:
Minor Basin: GREAT SALT LAKE ECO Region:
RF1 Index: 16020301 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 16020301119900.00 RF3 Mile Point: 1.19 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE KIOUS SPRING NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPO.) QUADRANGLE. THE SITE IS LOCATED AT SNAKE CREEK AT ITS NORTH FORK-SOUTH FORK CONFLUENCE AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM A REPORT BY RICHARD METCALF ET AL.; "CHEMISTRY OF SELECTED LAKES AND STREAMS IN GREAT BASIN NATIONAL PARK NEVADA DURING WINTER AND SPRING 1989;" SEPTEMBER 1992. THIS REPORT WAS PREPARED UNDER A COOPERATIVE AGREEMENT BETWEEN THE NPS AND THE ENVIRONMENTAL PROTECTION AGENCY IN AN EFFORT TO OBTAIN A COMPLETE CHEMICAL ANALYSIS OF THE WATERS IN GRBA. THE DATA ARE MEANT TO BE USED IN PARK RESOURCE ASSESSMENT; IN FUTURE STUDIES; AND AS A SOURCE OF BASELINE WATER QUALITY ANALYSES. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0070

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/28/89-05/28/89	1	84.	84.	84.	84.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/28/89-05/28/89	1	7.73	7.73	7.73	7.73	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/28/89-05/28/89	1	7.73	7.73	7.73	7.73	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/28/89-05/28/89	1	0.019	0.019	0.019	0.019	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/28/89-05/28/89	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	05/28/89-05/28/89	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	05/28/89-05/28/89	1	8.7	8.7	8.7	8.7	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/28/89-05/28/89	1	12.7	12.7	12.7	12.7	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/28/89-05/28/89	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/28/89-05/28/89	1	2.03	2.03	2.03	2.03	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/28/89-05/28/89	1	0.31	0.31	0.31	0.31	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/28/89-05/28/89	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/28/89-05/28/89	1	2.9	2.9	2.9	2.9	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	05/28/89-05/28/89	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	05/28/89-05/28/89	1	62.	62.	62.	62.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	05/28/89-05/28/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	05/28/89-05/28/89	1 ##	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/28/89-05/28/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	05/28/89-05/28/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

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

Parameter Inventory for Station: GRBA0070

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01040	COPPER, DISSOLVED (UG/L AS CU)	05/28/89-05/28/89	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	05/28/89-05/28/89	1 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	05/28/89-05/28/89	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/28/89-05/28/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01057	THALLIUM, DISSOLVED (UG/L AS TL)	05/28/89-05/28/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	05/28/89-05/28/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	05/28/89-05/28/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	05/28/89-05/28/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	05/28/89-05/28/89	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01095	ANTIMONY, DISSOLVED (UG/L AS SB)	05/28/89-05/28/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	05/28/89-05/28/89	1	18.	18.	18.	18.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	05/28/89-05/28/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/28/89-05/28/89	1	7980.	7980.	7980.	7980.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0070

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00				1	0	0.00						
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00				1	0	0.00						
		Drinking Water	250.	1	0	0.00				1	0	0.00						
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00				1	0	0.00						
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00				1	0	0.00						
		Drinking Water	50.	1	0	0.00				1	0	0.00						
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00				1	0	0.00						
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	1	0	0.00				1	0	0.00						
		Drinking Water	4.	1	0	0.00				1	0	0.00						
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00				1	0	0.00						
		Drinking Water	5.	1	0	0.00				1	0	0.00						
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00				1	0	0.00						
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00				1	0	0.00						
		Drinking Water	1300.	1	0	0.00				1	0	0.00						
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00				1	0	0.00						
		Drinking Water	15.	1	0	0.00				1	0	0.00						
01057	THALLIUM, DISSOLVED	Fresh Acute	1400.	1	0	0.00				1	0	0.00						
		Drinking Water	2.	1	0	0.00				1	0	0.00						
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00				1	0	0.00						
		Drinking Water	100.	1	0	0.00				1	0	0.00						
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00				1	0	0.00						
		Drinking Water	100.	1	0	0.00				1	0	0.00						
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00				1	0	0.00						
		Drinking Water	5000.	1	0	0.00				1	0	0.00						
01095	ANTIMONY, DISSOLVED	Fresh Acute	88.	1	0	0.00				1	0	0.00						
		Drinking Water	6.	1	0	0.00				1	0	0.00						
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00				1	0	0.00						
		Drinking Water	50.	1	0	0.00				1	0	0.00						

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

Station Inventory for Station: GRBA0071

NPS Station ID: GRBA0071
LAT/LON: 38.925281/-114.250281
Agency: 11NPSWRD
Date Created: 08/15/98
Location: SNAKE CREEK #2
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): GRBA_USGS_SCK2
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WHEELER PEAK NV 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED ON SNAKE CREEK AND IS WITHIN THE BOUNDARIES OF GREAT BASIN NATIONAL PARK. THE DATA ARE FROMA REPORT BY THE U.S. GEOLOGICAL SURVEY; "GREAT BASIN PARK SEEPAGE RUN; SEPTEMBER 1-3; 1992"; AND CAN ALSO BE FOUND IN THE 1992 ANNUAL WATER DATA OF NEVADA REPORT. THE PURPOSE OF THIS REPORT WAS TO DOCUMENT GAINING AND LOSING REACHES OF STREAMS DURING A PERIOD OF SUSTAINED LOW FLOW IN THE PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0071

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/03/92-09/03/92	1	8.5	8.5	8.5	8.5	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/03/92-09/03/92	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/03/92-09/03/92	1	113.	113.	113.	113.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: GRBA0072

NPS Station ID: GRBA0072 | LAT/LON: 38.925726/-114.254643 | Agency: 11NPSWRD | Date Created: 07/11/98
Location: S FORK SNAKE CREEK 20 M ABOVE FORD TO CAMPSITE | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): GRBA_NPS_SNA2
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 8250 | Water Body Id:
Minor Basin: GREAT SALT LAKE | ECO Region:
RF1 Index: 16020301 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WHEELER PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT THE SOUTH FORK OF SNAKE CREEK ABOVE THE FORD TO THE FIRST CAMPSITE AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK BOUNDARY. THE DATA ARE FROM SEVERAL YEARLY REPORTS (1990-97) BY KURT PFAFF; PHYSICAL SCIENCE TECHNICIAN FOR GREAT BASIN NATIONAL PARK. A SURFACE WATER QUALITY MONITORING PROGRAM WAS INSTITUTED TO ACQUIRE THE DATA FROM THE PARK WATERS ON A SEMI-ANNUAL BASIS. DATA ARE INTEGRATED INTO THE PARK'S WATER RESOURCE MANAGEMENT PLAN IN ORDER TO PERPETUATE THE INHERENT NATURAL INTEGRITY OF ITS WATER-DEPENDENT ENVIRONMENTS. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0072

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/13/93-10/20/95	5	4.	4.	7.	2.	3.5	1.871	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/21/92-10/20/95	6	107.5	105.5	111.	93.	43.5	6.595	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	10/21/92-10/20/95	12	7.85	7.852	7.98	7.68	0.007	0.085	7.704	7.79	7.92	7.965
00406	CONVERTED PH, FIELD, STANDARD UNITS	10/21/92-10/20/95	12	7.85	7.844	7.98	7.68	0.007	0.086	7.704	7.79	7.92	7.965
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/21/92-10/20/95	12	0.014	0.014	0.021	0.01	0.	0.003	0.011	0.012	0.016	0.02

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

EPA Water Quality Criteria Analysis for Station: GRBA0072

			Total	Exceed	Prop.	9/15-4/14			4/15-6/14			6/15-9/14			n/a		
Parameter	Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00406 PH, FIELD	Fresh Chronic	9.	12	0	0.00	8	0	0.00	2	0	0.00	2	0	0.00			
	Other-Lo Lim.	6.5	12	0	0.00	8	0	0.00	2	0	0.00	2	0	0.00			

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

Station Inventory for Station: GRBA0073

NPS Station ID: GRBA0073
LAT/LON: 38.925837/-114.075282
Agency: 11NPSWRD
Date Created: 08/15/98
Location: SNAKE CREEK #20
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): GRBA_USGS_SCK20
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE GARRISON NV 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED ON SNAKE CREEK AND IS OUTSIDE THE BOUNDARIES OF GREAT BASIN NATIONAL PARK. THE DATA ARE FROM A REPORT BY THE U.S. GEOLOGICAL SURVEY; "GREAT BASIN PARK SEEPAGE RUN; SEPTEMBER 1-3; 1992"; AND CAN ALSO BE FOUND IN THE 1992 ANNUAL WATER DATA OF NEVADA REPORT. THE PURPOSE OF THIS REPORT WAS TO DOCUMENT GAINING AND LOSING REACHES OF STREAMS DURING A PERIOD OF SUSTAINED LOW FLOW IN THE PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0073

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/03/92-09/03/92	1	15.5	15.5	15.5	15.5	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/03/92-09/03/92	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/03/92-09/03/92	1	356.	356.	356.	356.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: GRBA0074

NPS Station ID: GRBA0074 | LAT/LON: 38.925837/-114.248338 | Agency: 11NPSWRD | Date Created: 08/15/98
Location: SNAKE CREEK #1 | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): GRBA_USGS_SCK1
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 0 | Water Body Id:
Minor Basin: GREAT SALT LAKE | ECO Region:
RF1 Index: 16020301 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE KIOUS SPRING NV 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED ON SNAKE CREEK AND IS WITHIN THE BOUNDARIES OF GREAT BASIN NATIONAL PARK. THE DATA ARE FROMA REPORT BY THE U.S. GEOLOGICAL SURVEY; "GREAT BASIN PARK SEEPAGE RUN; SEPTEMBER 1-3; 1992"; AND CAN ALSO BE FOUND IN THE 1992 ANNUAL WATER DATA OF NEVADA REPORT. THE PURPOSE OF THIS REPORT WAS TO DOCUMENT GAINING AND LOSING REACHES OF STREAMS DURING A PERIOD OF SUSTAINED LOW FLOW IN THE PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0074

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/03/92-09/03/92	1	9.5	9.5	9.5	9.5	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/03/92-09/03/92	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/03/92-09/03/92	1	73.	73.	73.	73.	0.	0.	**	**	**	**

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

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

Station Inventory for Station: GRBA0075

NPS Station ID: GRBA0075 LAT/LON: 38.926004/-114.061782 Agency: 11NPSWRD Date Created: 10/10/98
Location: SNAKE CK APPROX. 3.5 MILES EAST OF PARK BDRY FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): GRBA_BLM_SNAKE2
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 16020301 Depth of Water: 0 Aquifer:
Major Basin: GREAT BASIN Elevation: 0 Water Body Id:
Minor Basin: GREAT SALT LAKE ECO Region:
RF1 Index: 16020301 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 16020301119900.00 RF3 Mile Point: 1.19 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE GARRISON UT-NV 7.5 MINUTE SERIES (TOPO.) QUADRANGLE. THE SITE IS LOCATED AT SNAKE CREEK APPROXIMATELY 3.5 MILES EAST OF THE GREAT BASIN NATIONAL PARK BOUNDARY. THE DATA ARE FROM A BUREAU OF LAND MANAGEMENT REPORT; "WATER QUALITY SAMPLING IN THE SCHELL ES AREA WHITE PINE COUNTY - NEVADA;" 1979. THE STUDY WAS CONDUCTED TO ASSESS WATER QUALITY OF SEVERAL STREAMS LOCATED ON PUBLIC LANDS IN EASTERN NEVADA. FURTHER SAMPLING WAS CONDUCTED BY THE BLM IN 1981 AND RESULTS WERE COMPARED TO THOSE IN THIS STUDY. THE 1981 WATER QUALITY DATA ALSO HAVE BEEN UPLOADED TO STORET BY THE NATIONAL PARK SERVICE. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0075

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/24/79-09/27/79	3	12.	12.333	13.	12.	0.333	0.577	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	05/24/79-09/27/79	3	7.9	7.867	8.1	7.6	0.063	0.252	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/24/79-09/27/79	3	7.9	7.818	8.1	7.6	0.067	0.259	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/24/79-09/27/79	3	0.013	0.015	0.025	0.008	0.	0.009	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	05/24/79-09/27/79	3	140.	144.	224.	68.	6096.	78.077	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	05/24/79-09/27/79	3 ##	0.	5.333	16.	0.	85.333	9.238	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/24/79-09/27/79	3	0.13	0.157	0.27	0.07	0.011	0.103	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/24/79-09/27/79	3	0.01	0.034	0.09	0.002	0.002	0.049	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	05/24/79-09/27/79	3	22.	20.667	30.	10.	101.333	10.066	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	05/24/79-09/27/79	3	0.004	0.009	0.02	0.003	0.	0.01	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	05/24/79-09/27/79	3	3.9	4.933	7.2	3.7	3.863	1.966	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	05/24/79-09/27/79	3	1.	0.98	1.1	0.84	0.017	0.131	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/24/79-09/27/79	3	7.	7.667	11.	5.	9.333	3.055	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	05/24/79-09/27/79	3	7.	7.667	11.	5.	9.333	3.055	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/24/79-09/27/79	3	11.	37.167	100.	0.5	2988.583	54.668	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/24/79-09/27/79	3	1.041	0.913	2.	-0.301	1.336	1.156	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			8.193								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/24/79-09/27/79	3	11.	10.5	20.	0.5	95.25	9.76	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/24/79-09/27/79	3	1.041	0.68	1.301	-0.301	0.739	0.86	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			4.791								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/24/79-09/27/79	3	370.	395.	510.	305.	10975.	104.762	**	**	**	**
82078	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	05/24/79-09/27/79	3	28.	20.767	31.	3.3	231.063	15.201	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0075

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00406	PH, FIELD	Fresh Chronic	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			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	250.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
82078	TURBIDITY, FIELD	Other-Hi Lim.	50.	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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0076

NPS Station ID: GRBA0076
LAT/LON: 38.926115/-114.060838
Agency: 11NPSWRD
Date Created: 08/15/98
Location: SNAKE CREEK #22
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): GRBA_USGS_SCK22
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE GARRISON NV 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED ON SNAKE CREEK AND IS OUTSIDE THE BOUNDARIES OF GREAT BASIN NATIONAL PARK. THE DATA ARE FROM A REPORT BY THE U.S. GEOLOGICAL SURVEY; "GREAT BASIN PARK SEEPAGE RUN; SEPTEMBER 1-3; 1992"; AND CAN ALSO BE FOUND IN THE 1992 ANNUAL WATER DATA OF NEVADA REPORT. THE PURPOSE OF THIS REPORT WAS TO DOCUMENT GAINING AND LOSING REACHES OF STREAMS DURING A PERIOD OF SUSTAINED LOW FLOW IN THE PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0076

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/03/92-09/03/92	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/03/92-09/03/92	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/03/92-09/03/92	1	316.	316.	316.	316.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: GRBA0077

NPS Station ID: GRBA0077
LAT/LON: 38.926115/-114.068338
Agency: 11NPSWRD
Date Created: 08/15/98
Location: SNAKE CREEK #21
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): GRBA_USGS_SCK21
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE GARRISON NV 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED ON SNAKE CREEK AND IS OUTSIDE THE BOUNDARIES OF GREAT BASIN NATIONAL PARK. THE DATA ARE FROM A REPORT BY THE U.S. GEOLOGICAL SURVEY; "GREAT BASIN PARK SEEPAGE RUN; SEPTEMBER 1-3; 1992"; AND CAN ALSO BE FOUND IN THE 1992 ANNUAL WATER DATA OF NEVADA REPORT. THE PURPOSE OF THIS REPORT WAS TO DOCUMENT GAINING AND LOSING REACHES OF STREAMS DURING A PERIOD OF SUSTAINED LOW FLOW IN THE PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0077

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/03/92-09/03/92	1	15.5	15.5	15.5	15.5	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/03/92-09/03/92	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/03/92-09/03/92	1	334.	334.	334.	334.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: GRBA0078

NPS Station ID: GRBA0078 LAT/LON: 38.926115/-114.076115 Agency: 21UTAH Date Created: 06/19/82
Location: SNAKE CK AT UTAH-NEVADA STATE LINE NEAR GARRISON FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 496039
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 16020301 Depth of Water: 0 Aquifer:
Major Basin: GREAT BASIN Elevation: 0 Water Body Id:
Minor Basin: GREAT SALT LAKE-SNAKE CK DRAINAGE ECO Region:
RF1 Index: 16020301 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 16020301074800.00 RF3 Mile Point: 2.00 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: GRBA0078

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/21/82-11/16/88	8	9.6	9.725	14.4	5.9	6.714	2.591	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/25/82-11/16/88	8	9.	9.5	19.	4.	25.143	5.014	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/25/82-11/16/88	9	2.4	3.856	11.3	1.	12.205	3.494	1.	1.45	5.9	11.3
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/21/82-11/16/88	8	309.5	306.	367.	260.	1271.714	35.661	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/25/82-11/16/88	9	315.	308.778	360.	260.	1133.444	33.667	260.	277.5	337.5	360.
00300	OXYGEN, DISSOLVED MG/L	10/21/82-11/16/88	8	9.7	9.463	11.	7.9	1.088	1.043	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	03/25/82-11/16/88	8	13.	13.188	23.	7.	37.281	6.106	**	**	**	**
00400	PH (STANDARD UNITS)	10/21/82-11/16/88	8	8.3	8.212	8.5	7.8	0.073	0.27	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/21/82-11/16/88	8	8.3	8.131	8.5	7.8	0.08	0.283	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/21/82-11/16/88	8	0.005	0.007	0.016	0.003	0.	0.005	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	11/05/86-11/16/88	3	8.2	8.233	8.4	8.1	0.023	0.153	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	11/05/86-11/16/88	3	8.2	8.216	8.4	8.1	0.024	0.154	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/05/86-11/16/88	3	0.006	0.006	0.008	0.004	0.	0.002	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	03/25/82-11/16/88	9	2.	1.667	2.	1.	0.25	0.5	1.	1.	2.	2.
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/25/82-11/16/88	9	149.	147.222	168.	120.	227.944	15.098	120.	136.	159.5	168.
00440	BICARBONATE ION (MG/L AS HCO3)	03/25/82-11/16/88	9	178.	179.222	205.	146.	343.444	18.532	146.	166.	195.	205.
00445	CARBONATE ION (MG/L AS CO3)	03/25/82-11/16/88	9	0.	0.222	2.	0.	0.444	0.667	0.	0.	0.	2.
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	03/25/82-10/30/84	5	7.	20.	80.	1.5	1138.375	33.74	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/25/82-11/16/88	8 ##	2.25	13.25	80.	1.5	737.5	27.157	**	**	**	**
00560	OIL & GREASE (FREON EXTR.-IR METHOD) TOT,REC,MG/L	10/21/82-10/21/82	1	3.5	3.5	3.5	3.5	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/25/82-11/16/88	9 ##	0.05	0.058	0.1	0.025	0.001	0.025	0.025	0.05	0.075	0.1
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/30/84-11/16/88	5 ##	0.005	0.017	0.05	0.005	0.	0.02	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/30/84-09/24/87	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/30/84-11/16/88	5	0.28	0.354	0.54	0.16	0.028	0.168	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/30/84-09/24/87	2	0.53	0.53	0.54	0.52	0.	0.014	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/25/82-11/16/88	9	0.2	0.217	0.6	0.05	0.029	0.17	0.05	0.1	0.3	0.6
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/25/82-10/19/83	4	0.235	0.22	0.26	0.15	0.002	0.05	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/25/82-11/16/88	9	0.08	0.087	0.24	0.03	0.004	0.063	0.03	0.045	0.1	0.24
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/30/84-11/16/88	5	0.04	0.054	0.14	0.01	0.003	0.05	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/25/82-11/16/88	9	2.9	4.122	9.	0.8	9.897	3.146	0.8	1.15	7.35	9.
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/25/82-11/16/88	9	159.	149.	180.	113.	506.75	22.511	113.	127.	164.	180.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/25/82-11/16/88	9	44.	45.778	54.	36.	46.194	6.797	36.	40.	52.5	54.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/25/82-11/16/88	9	8.	8.222	13.	3.	8.194	2.863	3.	6.5	10.	13.
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/25/82-11/16/88	9	11.	10.556	14.	7.	4.028	2.007	7.	9.	11.5	14.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/25/82-11/16/88	9	1.	1.111	2.	1.	0.111	0.333	1.	1.	1.	2.
00940	CHLORIDE,TOTAL IN WATER MG/L	03/25/82-11/16/88	9	11.	10.667	15.	7.	5.75	2.398	7.	8.5	12.	15.
00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/25/82-10/30/84	5	11.	9.8	12.	7.	4.7	2.168	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/25/82-11/16/88	9	13.	15.444	25.	9.	31.528	5.615	9.	11.5	21.	25.

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

Parameter Inventory for Station: GRBA0078

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01002	ARSENIC, TOTAL (UG/L AS AS)	03/25/82-11/16/88	9 ##	0.25	1.472	10.	0.25	10.288	3.208	0.25	0.25	0.75	10.
01007	BARIUM, TOTAL (UG/L AS BA)	03/25/82-11/16/88	9	0.08	19.477	80.	0.	1063.869	32.617	0.	0.025	47.5	80.
01027	CADMIUM, TOTAL (UG/L AS CD)	03/25/82-11/16/88	9 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
01034	CHROMIUM, TOTAL (UG/L AS CR)	03/25/82-11/16/88	9 ##	2.5	3.5	9.	2.5	4.938	2.222	2.5	2.5	3.75	9.
01042	COPPER, TOTAL (UG/L AS CU)	03/25/82-11/16/88	9 ##	10.	7.778	10.	5.	6.944	2.635	5.	5.	10.	10.
01051	LEAD, TOTAL (UG/L AS PB)	03/25/82-11/16/88	9 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
01055	MANGANESE, TOTAL (UG/L AS MN)	03/25/82-11/16/88	9	10.	11.167	30.	2.5	78.5	8.86	2.5	5.	16.5	30.
01067	NICKEL, TOTAL (UG/L AS NI)	03/25/82-03/16/83	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	03/25/82-11/16/88	9 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
01092	ZINC, TOTAL (UG/L AS ZN)	03/25/82-11/16/88	9	10.	11.111	20.	2.5	31.424	5.606	2.5	6.25	15.	20.
01147	SELENIUM, TOTAL (UG/L AS SE)	03/25/82-11/16/88	9 ##	0.25	0.25	0.25	0.25	0.	0.	0.25	0.25	0.25	0.25
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/25/82-03/25/82	1	10.	10.	10.	10.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/25/82-03/25/82	1	1.	1.	1.	1.	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			10.								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	03/25/82-03/25/82	1	1.	1.	1.	1.	0.	0.	**	**	**	**
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	03/25/82-03/25/82	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.								
31672	FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C48	03/25/82-03/25/82	1	14.	14.	14.	14.	0.	0.	**	**	**	**
31672	LOG FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35	03/25/82-03/25/82	1	1.146	1.146	1.146	1.146	0.	0.	**	**	**	**
31672	GM FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C	GEOMETRIC MEAN =			14.								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/25/82-11/16/88	9	212.	203.556	238.	174.	478.778	21.881	174.	182.	219.	238.
71830	HYDROXIDE ION (MG/L AS OH)	03/25/82-11/16/88	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	10/30/84-10/30/84	1	0.14	0.14	0.14	0.14	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	03/25/82-11/16/88	9 ##	0.05	0.061	0.1	0.05	0.	0.022	0.05	0.05	0.075	0.1
74010	IRON, TOTAL (MG/L AS FE)	03/25/82-11/16/88	9	0.08	0.117	0.27	0.03	0.007	0.086	0.03	0.045	0.2	0.27

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

EPA Water Quality Criteria Analysis for Station: GRBA0078

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	9	0	0.00	9	0	0.00									
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	8	0	0.00	8	0	0.00									
00400	PH	Fresh Chronic	9.	8	0	0.00	8	0	0.00									
		Other-Lo Lim.	6.5	8	0	0.00	8	0	0.00									
00403	PH, LAB	Fresh Chronic	9.	3	0	0.00	3	0	0.00									
		Other-Lo Lim.	6.5	3	0	0.00	3	0	0.00									
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	5	0	0.00	5	0	0.00									
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00	2	0	0.00									
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	5	0	0.00	5	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.	4	0	0.00	4	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	9	0	0.00	9	0	0.00									
		Drinking Water	250.	9	0	0.00	9	0	0.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	5	0	0.00	5	0	0.00									
		Drinking Water	250.	5	0	0.00	5	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	9	0	0.00	9	0	0.00									
01002	ARSENIC, TOTAL	Fresh Acute	360.	9	0	0.00	9	0	0.00									
		Drinking Water	50.	9	0	0.00	9	0	0.00									
01007	BARIUM, TOTAL	Drinking Water	2000.	9	0	0.00	9	0	0.00									
01027	CADMIUM, TOTAL	Fresh Acute	3.9	9	0	0.00	9	0	0.00									
		Drinking Water	5.	9	0	0.00	9	0	0.00									
01034	CHROMIUM, TOTAL	Drinking Water	100.	9	0	0.00	9	0	0.00									
01042	COPPER, TOTAL	Fresh Acute	18.	9	0	0.00	9	0	0.00									
		Drinking Water	1300.	9	0	0.00	9	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	9	0	0.00	9	0	0.00									
		Drinking Water	15.	9	0	0.00	9	0	0.00									
01067	NICKEL, TOTAL	Fresh Acute	1400.	3	0	0.00	3	0	0.00									
		Drinking Water	100.	3	0	0.00	3	0	0.00									

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

EPA Water Quality Criteria Analysis for Station: GRBA0078

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01077	SILVER, TOTAL	Fresh Acute	4.1	9	0	0.00	9	0	0.00									
		Drinking Water	100.	9	0	0.00	9	0	0.00									
01092	ZINC, TOTAL	Fresh Acute	120.	9	0	0.00	9	0	0.00									
		Drinking Water	5000.	9	0	0.00	9	0	0.00									
01147	SELENIUM, TOTAL	Fresh Acute	20.	9	0	0.00	9	0	0.00									
		Drinking Water	50.	9	0	0.00	9	0	0.00									
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	0	0.00	1	0	0.00									
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	1	0	0.00	1	0	0.00									
71900	MERCURY, TOTAL	Fresh Acute	2.4	9	0	0.00	9	0	0.00									
		Drinking Water	2.	9	0	0.00	9	0	0.00									

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

Seasonal Analysis for Season #1: 9/15 to 4/14 - Station GRBA0078

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/25/82-11/16/88	9	2.4	3.856	11.3	1.	12.205	3.494	1.	1.45	5.9	11.3
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/25/82-11/16/88	9	315.	308.778	360.	260.	1133.444	33.667	260.	277.5	337.5	360.
00405	CARBON DIOXIDE (MG/L AS CO2)	03/25/82-11/16/88	9	2.	1.667	2.	1.	0.25	0.5	1.	1.	2.	2.
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/25/82-11/16/88	9	149.	147.222	168.	120.	227.944	15.098	120.	136.	159.5	168.
00440	BICARBONATE ION (MG/L AS HCO3)	03/25/82-11/16/88	9	178.	179.222	205.	146.	343.444	18.532	146.	166.	195.	205.
00445	CARBONATE ION (MG/L AS CO3)	03/25/82-11/16/88	9	0.	0.222	2.	0.	0.444	0.667	0.	0.	0.	2.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/25/82-11/16/88	9 ##	0.05	0.058	0.1	0.025	0.001	0.025	0.025	0.05	0.075	0.1
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/25/82-11/16/88	9	0.2	0.217	0.6	0.05	0.029	0.17	0.05	0.1	0.3	0.6
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/25/82-11/16/88	9	0.08	0.087	0.24	0.03	0.004	0.063	0.03	0.045	0.1	0.24
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/25/82-11/16/88	9	2.9	4.122	9.	0.8	9.897	3.146	0.8	1.15	7.35	9.
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/25/82-11/16/88	9	159.	149.	180.	113.	506.75	22.511	113.	127.	164.	180.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/25/82-11/16/88	9	44.	45.778	54.	36.	46.194	6.797	36.	40.	52.5	54.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/25/82-11/16/88	9	8.	8.222	13.	3.	8.194	2.863	3.	6.5	10.	13.
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/25/82-11/16/88	9	11.	10.556	14.	7.	4.028	2.007	7.	9.	11.5	14.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/25/82-11/16/88	9	1.	1.111	2.	1.	0.111	0.333	1.	1.	1.	2.
00940	CHLORIDE,TOTAL IN WATER MG/L	03/25/82-11/16/88	9	11.	10.667	15.	7.	5.75	2.398	7.	8.5	12.	15.
00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/25/82-11/16/88	9	13.	15.444	25.	9.	31.528	5.615	9.	11.5	21.	25.
01002	ARSENIC, TOTAL (UG/L AS AS)	03/25/82-11/16/88	9 ##	0.25	1.472	10.	0.25	10.288	3.208	0.25	0.25	0.75	10.
01007	BARIUM, TOTAL (UG/L AS BA)	03/25/82-11/16/88	9	0.08	19.477	80.	0.	1063.869	32.617	0.	0.025	47.5	80.
01027	CADMIUM, TOTAL (UG/L AS CD)	03/25/82-11/16/88	9 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
01034	CHROMIUM, TOTAL (UG/L AS CR)	03/25/82-11/16/88	9 ##	2.5	3.5	9.	2.5	4.938	2.222	2.5	2.5	3.75	9.
01042	COPPER, TOTAL (UG/L AS CU)	03/25/82-11/16/88	9 ##	10.	7.778	10.	5.	6.944	2.635	5.	5.	10.	10.
01051	LEAD, TOTAL (UG/L AS PB)	03/25/82-11/16/88	9 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
01055	MANGANESE, TOTAL (UG/L AS MN)	03/25/82-11/16/88	9	10.	11.167	30.	2.5	78.5	8.86	2.5	5.	16.5	30.
01077	SILVER, TOTAL (UG/L AS AG)	03/25/82-11/16/88	9 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
01092	ZINC, TOTAL (UG/L AS ZN)	03/25/82-11/16/88	9	10.	11.111	20.	2.5	31.424	5.606	2.5	6.25	15.	20.
01147	SELENIUM, TOTAL (UG/L AS SE)	03/25/82-11/16/88	9 ##	0.25	0.25	0.25	0.25	0.	0.	0.25	0.25	0.25	0.25
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/25/82-11/16/88	9	212.	203.556	238.	174.	478.778	21.881	174.	182.	219.	238.
71830	HYDROXIDE ION (MG/L AS OH)	03/25/82-11/16/88	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
71900	MERCURY, TOTAL (UG/L AS HG)	03/25/82-11/16/88	9 ##	0.05	0.061	0.1	0.05	0.	0.022	0.05	0.05	0.075	0.1
74010	IRON, TOTAL (MG/L AS FE)	03/25/82-11/16/88	9	0.08	0.117	0.27	0.03	0.007	0.086	0.03	0.045	0.2	0.27

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

Station Inventory for Station: GRBA0079

NPS Station ID: GRBA0079 LAT/LON: 38.929170/-114.255782 Agency: 11NPSWRD Date Created: 07/11/98
Location: SNAKE CREEK ABOVE SHOSHONE CAMPGROUND FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): GRBA_NPS_SNA901
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 Depth of Water: 0 Aquifer:
Major Basin: GREAT BASIN Elevation: 0 Water Body Id:
Minor Basin: GREAT SALT LAKE ECO Region:
RF1 Index: 16020301 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 16020301119900.00 RF3 Mile Point: 1.19 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WHEELER PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT SNAKE CREEK ABOVE SHOSHONE CAMPGROUND AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THIS SAMPLING SITE WAS REPLACED BY SITE SNA1 FOR STUDIES AFTER 1990. THE DATA ARE FROM SEVERAL YEARLY REPORTS (1990-97) BY KURT PFAFF; PHYSICAL SCIENCE TECHNICIAN FOR GRBA. A SURFACE WATER QUALITY MONITORING PROGRAM WAS INSTITUTED TO ACQUIRE DATA FROM THE PARK WATERS ON A SEMI-ANNUAL BASIS. DATA ARE INTEGRATED INTO THE PARK'S WATER RESOURCE MANAGEMENT PLAN IN ORDER TO PERPETUATE THE INHERENT NATURAL INTEGRITY OF ITS WATER-DEPENDENT ENVIRONMENTS. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0079

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/03/90-07/03/90	1	30.	30.	30.	30.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/03/90-07/03/90	1	7.57	7.57	7.57	7.57	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/03/90-07/03/90	1	7.57	7.57	7.57	7.57	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/03/90-07/03/90	1	0.027	0.027	0.027	0.027	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0079

			Total	Exceed	Prop.	----------9/15-4/14----------			----------4/15-6/14----------			----------6/15-9/14----------			----------n/a----------		
Parameter	Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00406 PH, FIELD	Fresh Chronic	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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0080

NPS Station ID: GRBA0080 LAT/LON: 38.929170/-114.255782 Agency: 11NPSWRD Date Created: 11/21/98
Location: SNAKE CREEK ABOVE SHOSHONE CAMPGROUND FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): GRBA_EPA_GBS11
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 Depth of Water: 0 Aquifer:
Major Basin: GREAT BASIN Elevation: 8360 Water Body Id:
Minor Basin: GREAT SALT LAKE ECO Region:
RF1 Index: 16020301 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 16020301119900.00 RF3 Mile Point: 1.19 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WHEELER PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPO.) QUADRANGLE. THE SITE IS LOCATED AT SNAKE CREEK ABOVE SHOSHONE CAMPGROUND AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM A REPORT BY RICHARD METCALF ET AL.; "CHEMISTRY OF SELECTED LAKES AND STREAMS IN GREAT BASIN NATIONAL PARK NEVADA DURING WINTER AND SPRING 1989;" SEPTEMBER 1992. THIS REPORT WAS PREPARED UNDER A COOPERATIVE AGREEMENT BETWEEN THE NATIONAL PARK SERVICE AND THE ENVIRONMENTAL PROTECTION AGENCY IN AN EFFORT TO OBTAINA COMPLETE CHEMICAL ANALYSIS OF THE WATERS IN GRBA. THE DATA ARE MEANT TO BE USED IN PARK RESOURCE ASSESSMENT; IN FUTURE STUDIES; AND AS A SOURCE OF BASELINE WATER QUALITY ANALYSES. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0080

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/27/89-05/27/89	1	50.	50.	50.	50.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/27/89-05/27/89	1	7.41	7.41	7.41	7.41	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/27/89-05/27/89	1	7.41	7.41	7.41	7.41	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/27/89-05/27/89	1	0.039	0.039	0.039	0.039	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/27/89-05/27/89	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	05/27/89-05/27/89	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	05/27/89-05/27/89	1	4.8	4.8	4.8	4.8	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/27/89-05/27/89	1	5.9	5.9	5.9	5.9	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/27/89-05/27/89	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/27/89-05/27/89	1	2.59	2.59	2.59	2.59	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/27/89-05/27/89	1	0.44	0.44	0.44	0.44	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/27/89-05/27/89	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/27/89-05/27/89	1	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	05/27/89-05/27/89	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	05/27/89-05/27/89	1	21.	21.	21.	21.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	05/27/89-05/27/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	05/27/89-05/27/89	1 ##	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/27/89-05/27/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	05/27/89-05/27/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

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

Parameter Inventory for Station: GRBA0080

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01040	COPPER, DISSOLVED (UG/L AS CU)	05/27/89-05/27/89	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	05/27/89-05/27/89	1 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	05/27/89-05/27/89	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/27/89-05/27/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01057	THALLIUM, DISSOLVED (UG/L AS TL)	05/27/89-05/27/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	05/27/89-05/27/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	05/27/89-05/27/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	05/27/89-05/27/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	05/27/89-05/27/89	1	15.	15.	15.	15.	0.	0.	**	**	**	**
01095	ANTIMONY, DISSOLVED (UG/L AS SB)	05/27/89-05/27/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	05/27/89-05/27/89	1	53.	53.	53.	53.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	05/27/89-05/27/89	1	6.	6.	6.	6.	0.	0.	**	**	**	**
72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/27/89-05/27/89	1	8360.	8360.	8360.	8360.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0080

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00				1	0	0.00						
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00				1	0	0.00						
		Drinking Water	250.	1	0	0.00				1	0	0.00						
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00				1	0	0.00						
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00				1	0	0.00						
		Drinking Water	50.	1	0	0.00				1	0	0.00						
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00				1	0	0.00						
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	1	0	0.00				1	0	0.00						
		Drinking Water	4.	1	0	0.00				1	0	0.00						
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00				1	0	0.00						
		Drinking Water	5.	1	0	0.00				1	0	0.00						
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00				1	0	0.00						
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00				1	0	0.00						
		Drinking Water	1300.	1	0	0.00				1	0	0.00						
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00				1	0	0.00						
		Drinking Water	15.	1	0	0.00				1	0	0.00						
01057	THALLIUM, DISSOLVED	Fresh Acute	1400.	1	0	0.00				1	0	0.00						
		Drinking Water	2.	1	0	0.00				1	0	0.00						
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00				1	0	0.00						
		Drinking Water	100.	1	0	0.00				1	0	0.00						
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00				1	0	0.00						
		Drinking Water	100.	1	0	0.00				1	0	0.00						
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00				1	0	0.00						
		Drinking Water	5000.	1	0	0.00				1	0	0.00						
01095	ANTIMONY, DISSOLVED	Fresh Acute	88.	1	0	0.00				1	0	0.00						
		Drinking Water	6.	1	0	0.00				1	0	0.00						
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00				1	0	0.00						
		Drinking Water	50.	1	0	0.00				1	0	0.00						

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

Station Inventory for Station: GRBA0081

NPS Station ID: GRBA0081 LAT/LON: 38.929281/-114.256449 Agency: 11NPSWRD Date Created: 07/11/98
Location: SNAKE CK ABOVE TRAIL BRIDGE ON JOHNSON MINE RD FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): GRBA_NPS_SNA1
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 Depth of Water: 0 Aquifer:
Major Basin: GREAT BASIN Elevation: 8360 Water Body Id:
Minor Basin: GREAT SALT LAKE ECO Region:
RF1 Index: 16020301 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 16020301119900.00 RF3 Mile Point: 1.19 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WHEELER PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT THE MAIN FORK OF SNAKE CREEK 60 METERS ABOVE JOHNSON MINE ROAD AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK BOUNDARY. THE DATA ARE FROM SEVERAL YEARLY REPORTS (1990-97) BY KURT PFAFF; PHYSICAL SCIENCE TECHNICIAN FOR GREAT BASIN NATIONAL PARK. A SURFACE WATER QUALITY MONITORING PROGRAM WAS INSTITUTED TO ACQUIRE THE DATA FROM THE PARK WATERS ON A SEMI-ANNUAL BASIS. DATA ARE INTEGRATED INTO THE PARK'S WATER RESOURCE MANAGEMENT PLAN IN ORDER TO PERPETUATE THE INHERENT NATURAL INTEGRITY OF ITS WATER-DEPENDENT ENVIRONMENTS. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0081

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/13/93-10/20/95	5	4.	4.4	9.	2.	7.3	2.702	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/15/91-10/20/95	7	61.	57.857	64.	41.	61.476	7.841	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	10/15/91-10/20/95	13	7.61	7.559	7.75	7.25	0.022	0.15	7.306	7.425	7.68	7.734
00406	CONVERTED PH, FIELD, STANDARD UNITS	10/15/91-10/20/95	13	7.61	7.534	7.75	7.25	0.023	0.152	7.306	7.425	7.68	7.734
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/15/91-10/20/95	13	0.025	0.029	0.056	0.018	0.	0.011	0.018	0.021	0.038	0.05

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

EPA Water Quality Criteria Analysis for Station: GRBA0081

			Total	Exceed	Prop.	----------9/15-4/14----------			----------4/15-6/14----------			----------6/15-9/14----------			----------n/a----------		
Parameter	Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00406 PH, FIELD	Fresh Chronic	9.	13	0	0.00	9	0	0.00	2	0	0.00	2	0	0.00			
	Other-Lo Lim.	6.5	13	0	0.00	9	0	0.00	2	0	0.00	2	0	0.00			

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

Station Inventory for Station: GRBA0082

NPS Station ID: GRBA0082 LAT/LON: 38.929421/-114.258032 Agency: 11NPSWRD Date Created: 08/08/98
Location: LOWER SNAKE CK DRAINAGE ABOVE CAMPGROUND FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING STORET Station ID(s): GRBA_BOR_RSN101
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 Depth of Water: 0 Aquifer:
Major Basin: GREAT BASIN Elevation: 8350 Water Body Id:
Minor Basin: GREAT SALT LAKE ECO Region:
RF1 Index: 16020301 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 16020301119900.00 RF3 Mile Point: 1.19 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WHEELER PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS A SPRING LOCATED ON THE LOWER SNAKE CREEK DRAINAGE 1/4 MILE ABOVE THE CAMP- GROUND AND IS IDENTIFIED AS RSN101. THIS SITE IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM A REPORT BY THE BUREAU OF RECLAMATION; "GREAT BASIN NATIONAL PARK; HYDROLOGIC INVENTORY;" 1994. THE OBJECTIVE OF THIS STUDY WAS TO LOCATE AND DESCRIBE NATURAL SPRINGS AND SEEPS WITHIN GRBA THAT HAD REMAINED ACTIVE UNDER THE DROUGHT SITUATION OCCURRING AT THAT TIME. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/94-09/02/94	1	5.7	5.7	5.7	5.7	0.	0.	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	09/02/94-09/02/94	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/02/94-09/02/94	1	66.	66.	66.	66.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	09/02/94-09/02/94	1	6.47	6.47	6.47	6.47	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	09/02/94-09/02/94	1	6.47	6.47	6.47	6.47	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/02/94-09/02/94	1	0.339	0.339	0.339	0.339	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0082

			Total	Exceed	Prop.	9/15-4/14			4/15-6/14			6/15-9/14			n/a		
Parameter	Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00406 PH, FIELD	Fresh Chronic	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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0083

NPS Station ID: GRBA0083
LAT/LON: 38.929448/-114.050560
Agency: 11NPSWRD
Date Created: 08/15/98
Location: SNAKE CREEK #23
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): GRBA_USGS_SCK23
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE GARRISON NV 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED ON SNAKE CREEK AND IS OUTSIDE THE BOUNDARIES OF GREAT BASIN NATIONAL PARK. THE DATA ARE FROM A REPORT BY THE U.S. GEOLOGICAL SURVEY; "GREAT BASIN PARK SEEPAGE RUN; SEPTEMBER 1-3; 1992"; AND CAN ALSO BE FOUND IN THE 1992 ANNUAL WATER DATA OF NEVADA REPORT. THE PURPOSE OF THIS REPORT WAS TO DOCUMENT GAINING AND LOSING REACHES OF STREAMS DURING A PERIOD OF SUSTAINED LOW FLOW IN THE PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0083

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/03/92-09/03/92	1	16.5	16.5	16.5	16.5	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/03/92-09/03/92	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/03/92-09/03/92	1	318.	318.	318.	318.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: GRBA0084

NPS Station ID: GRBA0084
LAT/LON: 38.935781/-114.273476
Agency: 11NPSWRD
Date Created: 11/21/98
Location: DEAD LAKE OFF WEST SHORE
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): GRBA_EPA_DL6
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 9540
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WHEELER PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED OFF THE WEST SHORE OF DEAD LAKE AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM A REPORT BY RICHARD METCALF ET AL.; "CHEMISTRY OF SELECTED LAKES AND STREAMS IN GREAT BASIN NATIONAL PARK NEVADA DURING WINTER AND SPRING 1989;" SEPTEMBER 1992. THIS REPORT WAS PREPARED UNDER A COOPERATIVE AGREEMENT BETWEEN THE NATIONAL PARK SERVICE AND THE ENVIRONMENTAL PROTECTION AGENCY IN AN EFFORT TO OBTAINA COMPLETE CHEMICAL ANALYSIS OF THE WATERS IN GRBA. THE DATA ARE MEANT TO BE USED IN PARK RESOURCE ASSESSMENT; IN FUTURE STUDIES; AND AS A SOURCE OF BASELINE WATER QUALITY ANALYSES. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0084

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/26/89-05/26/89	1	16.2	16.2	16.2	16.2	0.	0.	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	05/26/89-05/26/89	1	150.	150.	150.	150.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/26/89-05/26/89	1	30.	30.	30.	30.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/26/89-05/26/89	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/26/89-05/26/89	1	9.2	9.2	9.2	9.2	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/26/89-05/26/89	1	9.2	9.2	9.2	9.2	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/26/89-05/26/89	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/26/89-05/26/89	1	9540.	9540.	9540.	9540.	0.	0.	**	**	**	**
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	05/26/89-05/26/89	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: GRBA0084

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00				1	0	0.00						
00400	PH	Fresh Chronic	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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0085

NPS Station ID: GRBA0085
LAT/LON: 38.935809/-114.273198
Agency: 11NPSWRD
Date Created: 11/21/98
Location: SOUTH END OF DEAD LAKE
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): GRBA_EPA_DL1
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 9540
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WHEELER PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT THE SOUTH END OF DEAD LAKE AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM A REPORT BY RICHARD METCALF ET AL.; "CHEMISTRY OF SELECTED LAKES AND STREAMS IN GREAT BASIN NATIONAL PARK NEVADA DURING WINTER AND SPRING 1989;" SEPTEMBER 1992. THIS REPORT WAS PREPARED UNDER A COOPERATIVE AGREEMENT BETWEEN THE NATIONAL PARK SERVICE AND THE ENVIRONMENTAL PROTECTION AGENCY IN AN EFFORT TO OBTAINA COMPLETE CHEMICAL ANALYSIS OF THE WATERS IN GRBA. THE DATA ARE MEANT TO BE USED IN PARK RESOURCE ASSESSMENT; IN FUTURE STUDIES; AND AS A SOURCE OF BASELINE WATER QUALITY ANALYSES. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0085

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/26/89-05/26/89	1	15.5	15.5	15.5	15.5	0.	0.	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	05/26/89-05/26/89	1	166.	166.	166.	166.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/26/89-05/26/89	1	29.	29.	29.	29.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/26/89-05/26/89	1	8.6	8.6	8.6	8.6	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/26/89-05/26/89	1	8.75	8.75	8.75	8.75	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/26/89-05/26/89	1	8.75	8.75	8.75	8.75	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/26/89-05/26/89	1	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/26/89-05/26/89	1	9540.	9540.	9540.	9540.	0.	0.	**	**	**	**
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	05/26/89-05/26/89	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: GRBA0085

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00				1	0	0.00						
00400	PH	Fresh Chronic	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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0086

NPS Station ID: GRBA0086
LAT/LON: 38.935892/-114.273365
Agency: 11NPSWRD
Date Created: 11/21/98
Location: WEST END OF DEAD LAKE
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): GRBA_EPA_DL7
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 9540
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WHEELER PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT THE WEST END OF DEAD LAKE AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM A REPORT BY RICHARD METCALF ET AL.; "CHEMISTRY OF SELECTED LAKES AND STREAMS IN GREAT BASIN NATIONAL PARK NEVADA DURING WINTER AND SPRING 1989;" SEPTEMBER 1992. THIS REPORT WAS PREPARED UNDER A COOPERATIVE AGREEMENT BETWEEN THE NATIONAL PARK SERVICE AND THE ENVIRONMENTAL PROTECTION AGENCY IN AN EFFORT TO OBTAINA COMPLETE CHEMICAL ANALYSIS OF THE WATERS IN GRBA. THE DATA ARE MEANT TO BE USED IN PARK RESOURCE ASSESSMENT; IN FUTURE STUDIES; AND AS A SOURCE OF BASELINE WATER QUALITY ANALYSES. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0086

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/26/89-05/26/89	1	15.6	15.6	15.6	15.6	0.	0.	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	05/26/89-05/26/89	1	168.	168.	168.	168.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/26/89-05/26/89	1	29.	29.	29.	29.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/26/89-05/26/89	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/26/89-05/26/89	1	8.73	8.73	8.73	8.73	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/26/89-05/26/89	1	8.73	8.73	8.73	8.73	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/26/89-05/26/89	1	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/26/89-05/26/89	1	9540.	9540.	9540.	9540.	0.	0.	**	**	**	**
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	05/26/89-05/26/89	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: GRBA0086

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00				1	0	0.00						
00400	PH	Fresh Chronic	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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0087

NPS Station ID: GRBA0087
LAT/LON: 38.935920/-114.273032
Agency: 11NPSWRD
Date Created: 11/21/98
Location: EAST END OF DEAD LAKE
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): GRBA_EPA_DL2
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 9540
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WHEELER PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT THE EAST END OF DEAD LAKE AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM A REPORT BY RICHARD METCALF ET AL.; "CHEMISTRY OF SELECTED LAKES AND STREAMS IN GREAT BASIN NATIONAL PARK NEVADA DURING WINTER AND SPRING 1989;" SEPTEMBER 1992. THIS REPORT WAS PREPARED UNDER A COOPERATIVE AGREEMENT BETWEEN THE NATIONAL PARK SERVICE AND THE ENVIRONMENTAL PROTECTION AGENCY IN AN EFFORT TO OBTAINA COMPLETE CHEMICAL ANALYSIS OF THE WATERS IN GRBA. THE DATA ARE MEANT TO BE USED IN PARK RESOURCE ASSESSMENT; IN FUTURE STUDIES; AND AS A SOURCE OF BASELINE WATER QUALITY ANALYSES. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0087

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/26/89-05/26/89	1	15.1	15.1	15.1	15.1	0.	0.	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	05/26/89-05/26/89	1	163.	163.	163.	163.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/26/89-05/26/89	1	30.	30.	30.	30.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/26/89-05/26/89	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/26/89-05/26/89	1	8.82	8.82	8.82	8.82	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/26/89-05/26/89	1	8.82	8.82	8.82	8.82	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/26/89-05/26/89	1	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/26/89-05/26/89	1	9540.	9540.	9540.	9540.	0.	0.	**	**	**	**
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	05/26/89-05/26/89	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: GRBA0087

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00				1	0	0.00						
00400	PH	Fresh Chronic	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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0088

NPS Station ID: GRBA0088 LAT/LON: 38.935977/-114.273032 Agency: 11NPSWRD Date Created: 06/20/98
Location: MIDWAY ALONG EAST SHORE OF DEAD LAKE FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): GRBA_OSU_DEAL
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 Depth of Water: 0 Aquifer:
Major Basin: GREAT BASIN Elevation: 9550 Water Body Id:
Minor Basin: GREAT SALT LAKE ECO Region:
RF1 Index: 16020301 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 16020301119900.00 RF3 Mile Point: 1.19 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED AT THE WHEELER PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPO.) QUADRANGLE. THE SITE IS LOCATED MIDWAY ALONG THE EAST SHORE OF DEAD LAKE AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM A REPORT BY RUTH JACOBS ET AL.; "CHEMICAL CHARACTERISTICS OF SURFACE WATERS OF GREAT BASIN NATIONAL PARK;" DECEMBER 1993. THIS REPORT WAS PREPARED IN COOPERATION WITH THE NATIONAL PARK SERVICE. THE STUDY WAS DESIGNED TO COLLECT WATER QUALITY DATA FOR THE PARK TO AID IN THE PREPARATION OF A WATER QUALITY MONITORING PROGRAM TO MEET MANAGEMENT PLAN OBJECTIVES. THE SAMPLES WERE FILTERED WITH A 1.2 UM FILTER IN THE FIELD. ICP METAL VALUES WERE UPLOADED TO STORET BUT ARE CONSIDERED TO BE SUSPECT. FOR MORE INFO. CONTACT THE CHIEF OF RESOURCES AT GRBA; BAKER NV 89311 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0088

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/27/92-08/27/92	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/27/92-08/27/92	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/27/92-08/27/92	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/27/92-08/27/92	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/27/92-08/27/92	1	0.063	0.063	0.063	0.063	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/27/92-08/27/92	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/27/92-08/27/92	1	0.012	0.012	0.012	0.012	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/27/92-08/27/92	1	0.52	0.52	0.52	0.52	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/27/92-08/27/92	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/27/92-08/27/92	1	0.031	0.031	0.031	0.031	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/27/92-08/27/92	1 ##	0.023	0.023	0.023	0.023	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/27/92-08/27/92	1	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/27/92-08/27/92	1	1.9	1.9	1.9	1.9	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/27/92-08/27/92	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/27/92-08/27/92	1	0.96	0.96	0.96	0.96	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/27/92-08/27/92	1	0.63	0.63	0.63	0.63	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/27/92-08/27/92	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/27/92-08/27/92	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/27/92-08/27/92	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

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

Parameter Inventory for Station: GRBA0088

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/27/92-08/27/92	1 ##	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/27/92-08/27/92	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/27/92-08/27/92	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/27/92-08/27/92	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	08/27/92-08/27/92	1	28.	28.	28.	28.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/27/92-08/27/92	1	252.	252.	252.	252.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	08/27/92-08/27/92	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/27/92-08/27/92	1	12.	12.	12.	12.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	08/27/92-08/27/92	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	08/27/92-08/27/92	1 ##	3.	3.	3.	3.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/27/92-08/27/92	1	35.	35.	35.	35.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/27/92-08/27/92	1	220.	220.	220.	220.	0.	0.	**	**	**	**
01095	ANTIMONY, DISSOLVED (UG/L AS SB)	08/27/92-08/27/92	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01100	TIN, DISSOLVED (UG/L AS SN)	08/27/92-08/27/92	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/27/92-08/27/92	1	169.	169.	169.	169.	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	08/27/92-08/27/92	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
50098	CALCIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/27/92-08/27/92	1	5.78	5.78	5.78	5.78	0.	0.	**	**	**	**
50104	POTASSIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/27/92-08/27/92	1	1.69	1.69	1.69	1.69	0.	0.	**	**	**	**
50105	MAGNESIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/27/92-08/27/92	1	1.18	1.18	1.18	1.18	0.	0.	**	**	**	**
50108	SODIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/27/92-08/27/92	1	2.79	2.79	2.79	2.79	0.	0.	**	**	**	**
50932	SULFUR, DISSOLVED AS S MG/L	08/27/92-08/27/92	1	1.358	1.358	1.358	1.358	0.	0.	**	**	**	**
50938	ANION - CATION RATIO	08/27/92-08/27/92	1	1.01	1.01	1.01	1.01	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/27/92-08/27/92	1	25.	25.	25.	25.	0.	0.	**	**	**	**

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EPA Water Quality Criteria Analysis for Station: GRBA0088

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	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			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00							1	0	0.00			
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00							1	0	0.00			
		Drinking Water	50.	1	0	0.00							1	0	0.00			
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00							1	0	0.00			
		Drinking Water	5.	1	0	0.00							1	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00							1	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	1	1.00							1	1	1.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00							1	0	0.00			
		Drinking Water	15.	1	0	0.00							1	0	0.00			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	1	1.00							1	1	1.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			
01095	ANTIMONY, DISSOLVED	Fresh Acute	88.	1	0	0.00							1	0	0.00			
		Drinking Water	6.	0 &	0	0.00												

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

Station Inventory for Station: GRBA0089

NPS Station ID: GRBA0089 LAT/LON: 38.935977/-114.273032 Agency: 11NPSWRD Date Created: 07/11/98
Location: MIDWAY ALONG EAST SHORE OF DEAD LAKE FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): GRBA_NPS_DEAL
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 Depth of Water: 0 Aquifer:
Major Basin: GREAT BASIN Elevation: 9550 Water Body Id:
Minor Basin: GREAT SALT LAKE ECO Region:
RF1 Index: 16020301 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 16020301119900.00 RF3 Mile Point: 1.19 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WHEELER PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED MIDWAY ALONG THE EAST SHORE OF DEAD LAKE AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK BOUNDARY. THE DATA ARE FROM SEVERAL YEARLY REPORTS (1990-97) BY KURT PFAFF; PHYSICAL SCIENCE TECHNICIAN FOR GREAT BASIN NATIONAL PARK. A SURFACE WATER QUALITY MONITORING PROGRAM WAS INSTITUTED TO ACQUIRE THE DATA FROM THE PARK WATERS ON A SEMI-ANNUAL BASIS. DATA ARE INTEGRATED INTO THE PARK'S WATER RESOURCE MANAGEMENT PLAN IN ORDER TO PERPETUATE THE INHERENT NATURAL INTEGRITY OF ITS WATER-DEPENDENT ENVIRONMENTS. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0089

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/03/90-06/12/97	8	13.	14.25	30.	6.	65.071	8.067	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/17/91-06/09/96	8	21.	20.375	24.	16.	7.982	2.825	**	**	**	**
00406p	PH, FIELD, STANDARD UNITS SU	07/03/90-06/12/97	19	7.23	7.384	8.63	6.32	0.514	0.717	6.35	6.92	7.58	8.58
00406p	CONVERTED PH, FIELD, STANDARD UNITS	07/03/90-06/12/97	19	7.23	6.987	8.63	6.32	0.68	0.825	6.35	6.92	7.58	8.58
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/03/90-06/12/97	19	0.059	0.103	0.479	0.002	0.018	0.136	0.003	0.026	0.12	0.447

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

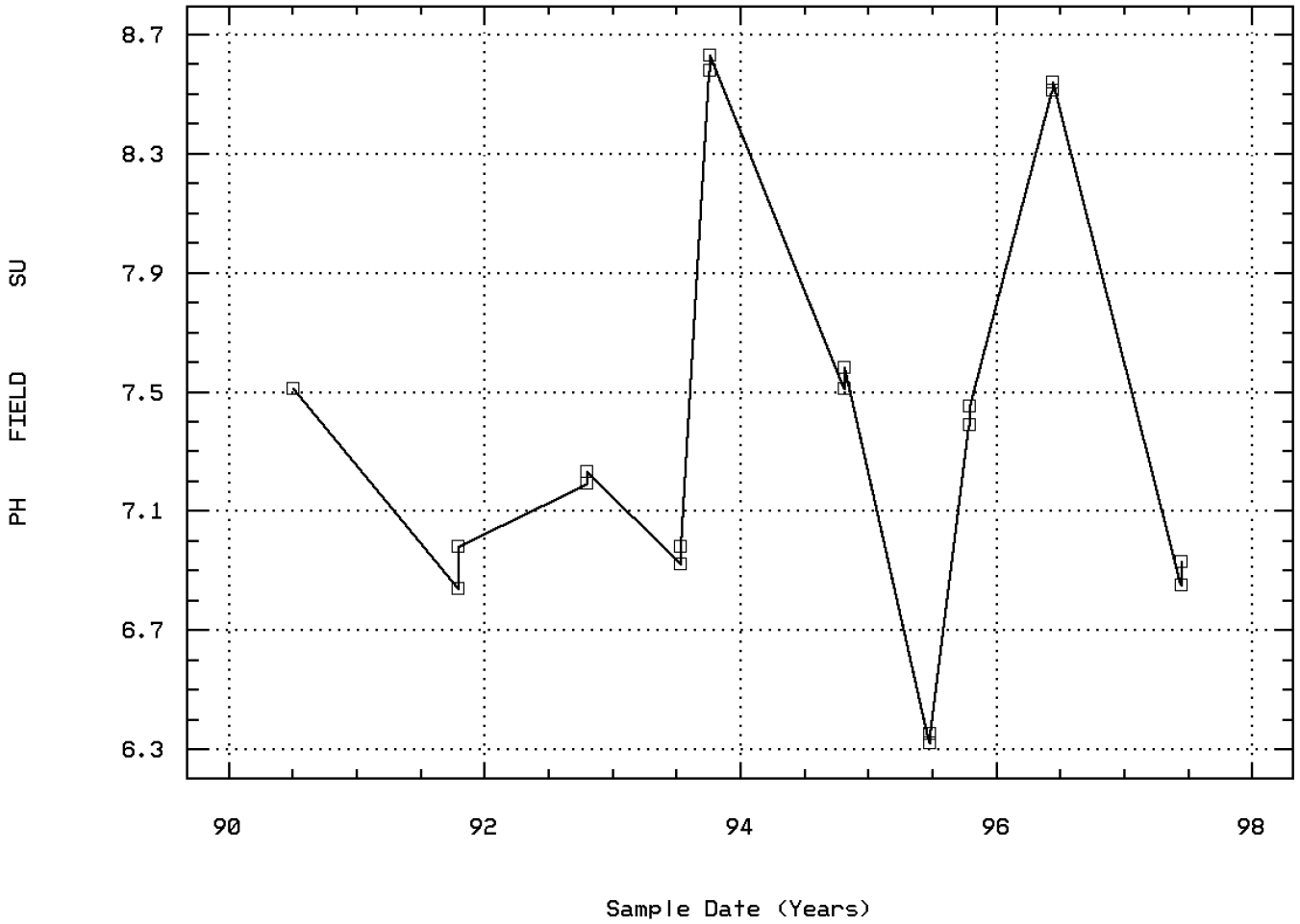
EPA Water Quality Criteria Analysis for Station: GRBA0089

			Total	Exceed	Prop.	----------9/15-4/14----------			----------4/15-6/14----------			----------6/15-9/14----------			----------n/a----------		
Parameter	Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00406 PH, FIELD	Fresh Chronic	9.	19	0	0.00	10	0	0.00	4	0	0.00	5	0	0.00			
	Other-Lo Lim.	6.5	19	2	0.11	10	0	0.00	4	0	0.00	5	2	0.40			

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

Station: GRBA0089 Parameter Code: 00406

PH, FIELD, STANDARD UNITS



MIDWAY ALONG EAST SHORE OF DEAD LAKE

Station Inventory for Station: GRBA0090

NPS Station ID: GRBA0090
LAT/LON: 38.935977/-114.273032
Agency: 11NPSWRD
Date Created: 11/21/98
Location: DEAD LAKE NEAR EAST SHORE
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): GRBA_EPA_GBS8
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 9540
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WHEELER PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED NEAR THE EAST SHORE OF DEAD LAKE AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM A REPORT BY RICHARD METCALF ET AL.; "CHEMISTRY OF SELECTED LAKES AND STREAMS IN GREAT BASIN NATIONAL PARK NEVADA DURING WINTER AND SPRING 1989;" SEPTEMBER 1992. THIS REPORT WAS PREPARED UNDER A COOPERATIVE AGREEMENT BETWEEN THE NATIONAL PARK SERVICE AND THE ENVIRONMENTAL PROTECTION AGENCY IN AN EFFORT TO OBTAINA COMPLETE CHEMICAL ANALYSIS OF THE WATERS IN GRBA. THE DATA ARE MEANT TO BE USED IN PARK RESOURCE ASSESSMENT; IN FUTURE STUDIES; AND AS A SOURCE OF BASELINE WATER QUALITY ANALYSES. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0090

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/26/89-05/26/89	1	23.	23.	23.	23.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/26/89-05/26/89	1	6.89	6.89	6.89	6.89	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/26/89-05/26/89	1	6.89	6.89	6.89	6.89	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/26/89-05/26/89	1	0.129	0.129	0.129	0.129	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/26/89-05/26/89	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	05/26/89-05/26/89	1	3.5	3.5	3.5	3.5	0.	0.	**	**	**	**
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	05/26/89-05/26/89	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/26/89-05/26/89	1	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/26/89-05/26/89	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/26/89-05/26/89	1	0.89	0.89	0.89	0.89	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/26/89-05/26/89	1	0.81	0.81	0.81	0.81	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/26/89-05/26/89	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/26/89-05/26/89	1	2.7	2.7	2.7	2.7	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	05/26/89-05/26/89	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	05/26/89-05/26/89	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	05/26/89-05/26/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	05/26/89-05/26/89	1 ##	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/26/89-05/26/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	05/26/89-05/26/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

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Parameter Inventory for Station: GRBA0090

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01040	COPPER, DISSOLVED (UG/L AS CU)	05/26/89-05/26/89	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	05/26/89-05/26/89	1 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	05/26/89-05/26/89	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/26/89-05/26/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01057	THALLIUM, DISSOLVED (UG/L AS TL)	05/26/89-05/26/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	05/26/89-05/26/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	05/26/89-05/26/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	05/26/89-05/26/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	05/26/89-05/26/89	1	8.	8.	8.	8.	0.	0.	**	**	**	**
01095	ANTIMONY, DISSOLVED (UG/L AS SB)	05/26/89-05/26/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	05/26/89-05/26/89	1	19.	19.	19.	19.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	05/26/89-05/26/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/26/89-05/26/89	1	9540.	9540.	9540.	9540.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0090

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00				1	0	0.00						
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00				1	0	0.00						
		Drinking Water	250.	1	0	0.00				1	0	0.00						
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00				1	0	0.00						
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00				1	0	0.00						
		Drinking Water	50.	1	0	0.00				1	0	0.00						
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00				1	0	0.00						
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	1	0	0.00				1	0	0.00						
		Drinking Water	4.	1	0	0.00				1	0	0.00						
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00				1	0	0.00						
		Drinking Water	5.	1	0	0.00				1	0	0.00						
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00				1	0	0.00						
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00				1	0	0.00						
		Drinking Water	1300.	1	0	0.00				1	0	0.00						
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00				1	0	0.00						
		Drinking Water	15.	1	0	0.00				1	0	0.00						
01057	THALLIUM, DISSOLVED	Fresh Acute	1400.	1	0	0.00				1	0	0.00						
		Drinking Water	2.	1	0	0.00				1	0	0.00						
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00				1	0	0.00						
		Drinking Water	100.	1	0	0.00				1	0	0.00						
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00				1	0	0.00						
		Drinking Water	100.	1	0	0.00				1	0	0.00						
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00				1	0	0.00						
		Drinking Water	5000.	1	0	0.00				1	0	0.00						
01095	ANTIMONY, DISSOLVED	Fresh Acute	88.	1	0	0.00				1	0	0.00						
		Drinking Water	6.	1	0	0.00				1	0	0.00						
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00				1	0	0.00						
		Drinking Water	50.	1	0	0.00				1	0	0.00						

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

Station Inventory for Station: GRBA0091

NPS Station ID: GRBA0091
LAT/LON: 38.936060/-114.273365
Agency: 11NPSWRD
Date Created: 11/21/98
Location: NORTH END OF DEAD LAKE
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): GRBA_EPA_DL5
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 9540
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WHEELER PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT THE NORTH END OF DEAD LAKE AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM A REPORT BY RICHARD METCALF ET AL.; "CHEMISTRY OF SELECTED LAKES AND STREAMS IN GREAT BASIN NATIONAL PARK NEVADA DURING WINTER AND SPRING 1989;" SEPTEMBER 1992. THIS REPORT WAS PREPARED UNDER A COOPERATIVE AGREEMENT BETWEEN THE NATIONAL PARK SERVICE AND THE ENVIRONMENTAL PROTECTION AGENCY IN AN EFFORT TO OBTAINA COMPLETE CHEMICAL ANALYSIS OF THE WATERS IN GRBA. THE DATA ARE MEANT TO BE USED IN PARK RESOURCE ASSESSMENT; IN FUTURE STUDIES; AND AS A SOURCE OF BASELINE WATER QUALITY ANALYSES. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0091

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/26/89-05/26/89	1	15.5	15.5	15.5	15.5	0.	0.	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	05/26/89-05/26/89	1	166.	166.	166.	166.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/26/89-05/26/89	1	29.	29.	29.	29.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/26/89-05/26/89	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/26/89-05/26/89	1	8.74	8.74	8.74	8.74	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/26/89-05/26/89	1	8.74	8.74	8.74	8.74	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/26/89-05/26/89	1	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/26/89-05/26/89	1	9540.	9540.	9540.	9540.	0.	0.	**	**	**	**
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	05/26/89-05/26/89	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: GRBA0091

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00				1	0	0.00						
00400	PH	Fresh Chronic	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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0092

NPS Station ID: GRBA0092 | LAT/LON: 38.936115/-114.273004 | Agency: 11NPSWRD | Date Created: 11/21/98
Location: NORTHEAST END OF DEAD LAKE | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): GRBA_EPA_DL3
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 9540 | Water Body Id:
Minor Basin: GREAT SALT LAKE | ECO Region:
RF1 Index: 16020301 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WHEELER PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT THE NORTHEAST END OF DEAD LAKE AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM A REPORT BY RICHARD METCALF ET AL.; "CHEMISTRY OF SELECTED LAKES AND STREAMS IN GREAT BASIN NATIONAL PARK NEVADA DURING WINTER AND SPRING 1989;" SEPTEMBER 1992. THIS REPORT WAS PREPARED UNDER A COOPERATIVE AGREEMENT BETWEEN THE NPS AND THE ENVIRONMENTAL PROTECTION AGENCY IN AN EFFORT TO OBTAIN A COMPLETE CHEMICAL ANALYSIS OF THE WATERS IN GRBA. THE DATA ARE MEANT TO BE USED IN PARK RESOURCE ASSESSMENT; IN FUTURE STUDIES; AND AS A SOURCE OF BASELINE WATER QUALITY ANALYSES. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0092

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/26/89-05/26/89	1	17.1	17.1	17.1	17.1	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/26/89-05/26/89	1	29.	29.	29.	29.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/26/89-05/26/89	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/26/89-05/26/89	1	8.8	8.8	8.8	8.8	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/26/89-05/26/89	1	8.8	8.8	8.8	8.8	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/26/89-05/26/89	1	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/26/89-05/26/89	1	9540.	9540.	9540.	9540.	0.	0.	**	**	**	**
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	05/26/89-05/26/89	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: GRBA0092

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00				1	0	0.00						

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

EPA Water Quality Criteria Analysis for Station: GRBA0092

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400 PH	Fresh Chronic	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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0093

NPS Station ID: GRBA0093
LAT/LON: 38.936115/-114.273281
Agency: 11NPSWRD
Date Created: 11/21/98
Location: DEAD LAKE OFF NORTHERN SHORE
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): GRBA_EPA_DL4
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 9540
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WHEELER PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT THE NORTH SHORE OF DEAD LAKE (1989 SHORELINE) AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM A REPORT BY RICHARD METCALF ET AL.; "CHEMISTRY OF SELECTED LAKES AND STREAMS IN GREAT BASIN NATIONAL PARK NEVADA DURING WINTER AND SPRING 1989;" SEPTEMBER 1992. THIS REPORT WAS PREPARED UNDER A COOPERATIVE AGREEMENT BETWEEN THE NPS AND THE ENVIRONMENTAL PROTECTION AGENCY IN AN EFFORT TO OBTAIN A COMPLETE CHEMICAL ANALYSIS OF THE WATERS IN GRBA. THE DATA ARE MEANT TO BE USED IN PARK RESOURCE ASSESSMENT; IN FUTURE STUDIES; AND AS A SOURCE OF BASELINE WATER QUALITY ANALYSES. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0093

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/26/89-05/26/89	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	05/26/89-05/26/89	1	168.	168.	168.	168.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/26/89-05/26/89	1	28.	28.	28.	28.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/26/89-05/26/89	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/26/89-05/26/89	1	8.73	8.73	8.73	8.73	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/26/89-05/26/89	1	8.73	8.73	8.73	8.73	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/26/89-05/26/89	1	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/26/89-05/26/89	1	9540.	9540.	9540.	9540.	0.	0.	**	**	**	**
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	05/26/89-05/26/89	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: GRBA0093

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00				1	0	0.00						
00400	PH	Fresh Chronic	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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0094

NPS Station ID: GRBA0094
LAT/LON: 38.939727/-114.037504
Agency: 112WRD
Date Created: 04/14/78
Location: (C-22-20) 1ABA- 1
FIPS State/County: 49027 UTAH/MILLARD
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 385623114021501
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 16020301076100.00
RF3 Mile Point: 1.01
Distance from RF3: 0.42
On/Off RF3:
Description:

Parameter Inventory for Station: GRBA0094

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/03/77-08/20/80	2	12.	12.	12.	12.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/03/77-08/20/80	2	385.	385.	390.	380.	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

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

Station Inventory for Station: GRBA0095

NPS Station ID: GRBA0095 | LAT/LON: 38.940837/-114.296616 | Agency: 11NPSWRD | Date Created: 07/11/98
Location: EAST END OF JOHNSON LAKE | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): GRBA_NPS_JOH901
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 0 | Water Body Id:
Minor Basin: GREAT SALT LAKE | ECO Region:
RF1 Index: 16020301 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WHEELER PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT THE EAST END OF JOHNSON LAKE AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THIS SAMPLING SITE WAS REPLACED BY SITE JOHE FOR STUDIES AFTER 1990. THE DATA ARE FROM SEVERAL YEARLY REPORTS (1990-97) BY KURT PFAFF; PHYSICAL SCIENCE TECHNICIAN FOR GRBA. A SURFACE WATER QUALITY MONITORING PROGRAM WAS INSTITUTED TO ACQUIRE DATA FROM THE PARK WATERS ON A SEMI-ANNUAL BASIS. DATA ARE INTEGRATED INTO THE PARK'S WATER RESOURCE MANAGEMENT PLAN IN ORDER TO PERPETUATE THE INHERENT NATURAL INTEGRITY OF ITS WATER-DEPENDENT ENVIRONMENTS. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0095

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/03/90-07/03/90	1	30.	30.	30.	30.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/03/90-07/03/90	1	8.06	8.06	8.06	8.06	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/03/90-07/03/90	1	8.06	8.06	8.06	8.06	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/03/90-07/03/90	1	0.009	0.009	0.009	0.009	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0095

			Total	Exceed	Prop.	9/15-4/14			4/15-6/14			6/15-9/14			n/a		
Parameter	Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00406 PH, FIELD	Fresh Chronic	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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0096

NPS Station ID: GRBA0096
LAT/LON: 38.941142/-114.281838
Agency: 11NPSWRD
Date Created: 11/21/98
Location: SNAKE CREEK JOHNSON MILL SITE
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): GRBA_EPA_GBS9
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 10040
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WHEELER PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT SNAKE CREEK AT THE JOHNSON MILL SITE AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM A REPORT BY RICHARD METCALF ET AL.; "CHEMISTRY OF SELECTED LAKES AND STREAMS IN GREAT BASIN NATIONAL PARK NEVADA DURING WINTER AND SPRING 1989;" SEPTEMBER 1992. THIS REPORT WAS PREPARED UNDER A COOPERATIVE AGREEMENT BETWEEN THE NPS SERVICE AND THE ENVIRONMENTAL PROTECTION AGENCY IN AN EFFORT TO OBTAINA COMPLETE CHEMICAL ANALYSIS OF THE WATERS IN GRBA. THE DATA ARE MEANT TO BE USED IN PARK RESOURCE ASSESSMENT; IN FUTURE STUDIES; AND AS A SOURCE OF BASELINE WATER QUALITY ANALYSES. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0096

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/27/89-05/27/89	1	39.	39.	39.	39.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/27/89-05/27/89	1	7.28	7.28	7.28	7.28	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/27/89-05/27/89	1	7.28	7.28	7.28	7.28	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/27/89-05/27/89	1	0.052	0.052	0.052	0.052	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/27/89-05/27/89	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	05/27/89-05/27/89	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	05/27/89-05/27/89	1	3.8	3.8	3.8	3.8	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/27/89-05/27/89	1	5.7	5.7	5.7	5.7	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/27/89-05/27/89	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/27/89-05/27/89	1	1.39	1.39	1.39	1.39	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/27/89-05/27/89	1	0.36	0.36	0.36	0.36	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/27/89-05/27/89	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/27/89-05/27/89	1	2.3	2.3	2.3	2.3	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	05/27/89-05/27/89	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	05/27/89-05/27/89	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	05/27/89-05/27/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	05/27/89-05/27/89	1 ##	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/27/89-05/27/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	05/27/89-05/27/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

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

Parameter Inventory for Station: GRBA0096

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01040	COPPER, DISSOLVED (UG/L AS CU)	05/27/89-05/27/89	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	05/27/89-05/27/89	1 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	05/27/89-05/27/89	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/27/89-05/27/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01057	THALLIUM, DISSOLVED (UG/L AS TL)	05/27/89-05/27/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	05/27/89-05/27/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	05/27/89-05/27/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	05/27/89-05/27/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	05/27/89-05/27/89	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01095	ANTIMONY, DISSOLVED (UG/L AS SB)	05/27/89-05/27/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	05/27/89-05/27/89	1	62.	62.	62.	62.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	05/27/89-05/27/89	1	6.	6.	6.	6.	0.	0.	**	**	**	**
72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/27/89-05/27/89	1	10040.	10040.	10040.	10040.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0096

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00				1	0	0.00						
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00				1	0	0.00						
		Drinking Water	250.	1	0	0.00				1	0	0.00						
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00				1	0	0.00						
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00				1	0	0.00						
		Drinking Water	50.	1	0	0.00				1	0	0.00						
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00				1	0	0.00						
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	1	0	0.00				1	0	0.00						
		Drinking Water	4.	1	0	0.00				1	0	0.00						
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00				1	0	0.00						
		Drinking Water	5.	1	0	0.00				1	0	0.00						
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00				1	0	0.00						
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00				1	0	0.00						
		Drinking Water	1300.	1	0	0.00				1	0	0.00						
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00				1	0	0.00						
		Drinking Water	15.	1	0	0.00				1	0	0.00						
01057	THALLIUM, DISSOLVED	Fresh Acute	1400.	1	0	0.00				1	0	0.00						
		Drinking Water	2.	1	0	0.00				1	0	0.00						
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00				1	0	0.00						
		Drinking Water	100.	1	0	0.00				1	0	0.00						
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00				1	0	0.00						
		Drinking Water	100.	1	0	0.00				1	0	0.00						
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00				1	0	0.00						
		Drinking Water	5000.	1	0	0.00				1	0	0.00						
01095	ANTIMONY, DISSOLVED	Fresh Acute	88.	1	0	0.00				1	0	0.00						
		Drinking Water	6.	1	0	0.00				1	0	0.00						
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00				1	0	0.00						
		Drinking Water	50.	1	0	0.00				1	0	0.00						

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

Station Inventory for Station: GRBA0097

NPS Station ID: GRBA0097
LAT/LON: 38.941615/-114.418003
Agency: 11NPSWRD
Date Created: 05/30/98
Location: LUAG505
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): GRBA_NURE_014 /7071122
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 16060008
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: CENTRAL NEVADA
ECO Region:
RF1 Index: 16060008
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE BAKING POWDER FLAT; NV-WHITE PINE CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS ON A SPRING OUTSIDE THE GREAT BASIN NATIONAL PARK BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.8 MICRON FILTER OR SMALLER AT THE SITE. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "SRL" FIELD ENTRY (SAVANNAH RIVER LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE SAVANNAH RIVER LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525. TEL. (970) 225-3516.

Parameter Inventory for Station: GRBA0097

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/07/80-07/07/80	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/07/80-07/07/80	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/07/80-07/07/80	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/07/80-07/07/80	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/07/80-07/07/80	1	75.	75.	75.	75.	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/07/80-07/07/80	1 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/07/80-07/07/80	1	29.2	29.2	29.2	29.2	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/07/80-07/07/80	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/07/80-07/07/80	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/07/80-07/07/80	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	07/07/80-07/07/80	1	2652.	2652.	2652.	2652.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/07/80-07/07/80	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/07/80-07/07/80	1	84.	84.	84.	84.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/07/80-07/07/80	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	07/07/80-07/07/80	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	07/07/80-07/07/80	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/07/80-07/07/80	1	179.	179.	179.	179.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/07/80-07/07/80	1	9.	9.	9.	9.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/07/80-07/07/80	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: GRBA0097

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01065	NICKEL, DISSOLVED (UG/L AS NI)	07/07/80-07/07/80	1	33.	33.	33.	33.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	07/07/80-07/07/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/07/80-07/07/80	1	166.	166.	166.	166.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	07/07/80-07/07/80	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/07/80-07/07/80	1	29.	29.	29.	29.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/07/80-07/07/80	1	70.	70.	70.	70.	0.	0.	**	**	**	**
01110	CERIUM, DISSOLVED (UG/L AS CE)	07/07/80-07/07/80	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/07/80-07/07/80	1	14.	14.	14.	14.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	07/07/80-07/07/80	1	8000.	8000.	8000.	8000.	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/07/80-07/07/80	1	8.	8.	8.	8.	0.	0.	**	**	**	**
01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/07/80-07/07/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/07/80-07/07/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/07/80-07/07/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0097

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	1	1.00							1	1	1.00			
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	1	0	0.00							1	0	0.00			
		Drinking Water	4.	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			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: GRBA0098

NPS Station ID: GRBA0098
LAT/LON: 38.941615/-114.418392
Agency: 11NPSWRD
Date Created: 05/30/98
Location: LUAG505R
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): GRBA_NURE_013 /5077481
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 16060008
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: CENTRAL NEVADA
ECO Region:
RF1 Index: 16060008
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE BAKING POWDER FLAT; NV-WHITE PINE CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS ON A SPRING OUTSIDE THE GREAT BASIN NATIONAL PARK BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.8 MICRON FILTER OR SMALLER AT THE SITE. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "SRL" FIELD ENTRY (SAVANNAH RIVER LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE SAVANNAH RIVER LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525. TEL. (970) 225-3516.

Parameter Inventory for Station: GRBA0098

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/07/80-07/07/80	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/07/80-07/07/80	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/07/80-07/07/80	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/07/80-07/07/80	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/07/80-07/07/80	1	75.	75.	75.	75.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/07/80-07/07/80	1	6.59	6.59	6.59	6.59	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/07/80-07/07/80	1	7.	7.	7.	7.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	07/07/80-07/07/80	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/07/80-07/07/80	1	229.	229.	229.	229.	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	07/07/80-07/07/80	1	1.114	1.114	1.114	1.114	0.	0.	**	**	**	**
50700	FLUORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	07/07/80-07/07/80	1	123.	123.	123.	123.	0.	0.	**	**	**	**
50760	CHLORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	07/07/80-07/07/80	1	2000.	2000.	2000.	2000.	0.	0.	**	**	**	**
50761	BROMINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	07/07/80-07/07/80	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
82331	DYSPROSIUM, DISSOLVED AS DY IN WATER UG/L	07/07/80-07/07/80	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0098

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: GRBA0099

NPS Station ID: GRBA0099
LAT/LON: 38.942504/-114.288004
Agency: 11NPSWRD
Date Created: 05/30/98
Location: LUAG521
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): GRBA_NURE_083 /7071138 /5077497
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WHEELER PEAK; NV-WHITE PINE CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A SPRING INSIDE THE GREAT BASIN NATIONAL PARK BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.8 MICRON FILTER OR SMALLER AT THE SITE. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRIES WERE USED TO CREATE THE SECONDARY STATION NAMES. THE "SRL" FIELD ENTRY (SAVANNAH RIVER LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE SAVANNAH RIVER LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525. TEL. (970) 225-3516.

Parameter Inventory for Station: GRBA0099

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/20/80-07/20/80	2	12.	12.	12.	12.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/20/80-07/20/80	2	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/20/80-07/20/80	2	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/20/80-07/20/80	2	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/20/80-07/20/80	2	25.	25.	25.	25.	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/20/80-07/20/80	1 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/20/80-07/20/80	1	3.6	3.6	3.6	3.6	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/20/80-07/20/80	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/20/80-07/20/80	2 ##	2.22	2.22	4.39	0.05	9.418	3.069	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/20/80-07/20/80	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	07/20/80-07/20/80	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/20/80-07/20/80	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/20/80-07/20/80	1	65.	65.	65.	65.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/20/80-07/20/80	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	07/20/80-07/20/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	07/20/80-07/20/80	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/20/80-07/20/80	1	49.	49.	49.	49.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/20/80-07/20/80	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/20/80-07/20/80	1	27.	27.	27.	27.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: GRBA0099

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01065	NICKEL, DISSOLVED (UG/L AS NI)	07/20/80-07/20/80	1	12.	12.	12.	12.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	07/20/80-07/20/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/20/80-07/20/80	1	14.	14.	14.	14.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	07/20/80-07/20/80	2 ##	6.025	6.025	12.	0.05	71.401	8.45	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/20/80-07/20/80	1	8.	8.	8.	8.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/20/80-07/20/80	2	122.	122.	170.	74.	4608.	67.882	**	**	**	**
01110	CERIUM, DISSOLVED (UG/L AS CE)	07/20/80-07/20/80	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/20/80-07/20/80	1	101.	101.	101.	101.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	07/20/80-07/20/80	1	4200.	4200.	4200.	4200.	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/20/80-07/20/80	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/20/80-07/20/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/20/80-07/20/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/20/80-07/20/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	07/20/80-07/20/80	1	0.129	0.129	0.129	0.129	0.	0.	**	**	**	**
50700	FLUORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	07/20/80-07/20/80	1	23.	23.	23.	23.	0.	0.	**	**	**	**
50760	CHLORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	07/20/80-07/20/80	1	1300.	1300.	1300.	1300.	0.	0.	**	**	**	**
82331	DYSPROSIUM, DISSOLVED AS DY IN WATER UG/L	07/20/80-07/20/80	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**

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EPA Water Quality Criteria Analysis for Station: GRBA0099

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	2	0	0.00							2	0	0.00			
		Other-Lo Lim.	6.5	2	0	0.00							2	0	0.00			
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	1	0	0.00							1	0	0.00			
		Drinking Water	4.	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			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: GRBA0100

NPS Station ID: GRBA0100
LAT/LON: 38.942810/-114.298615
Agency: 11NPSWRD
Date Created: 05/30/98
Location: LUAG520R
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): GRBA_NURE_082 /5077496
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WHEELER PEAK; NV-WHITE PINE CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A SPRING INSIDE THE GREAT BASIN NATIONAL PARK BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.8 MICRON FILTER OR SMALLER AT THE SITE. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "SRL" FIELD ENTRY (SAVANNAH RIVER LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE SAVANNAH RIVER LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525. TEL. (970) 225-3516.

Parameter Inventory for Station: GRBA0100

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/20/80-07/20/80	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/20/80-07/20/80	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/20/80-07/20/80	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/20/80-07/20/80	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/20/80-07/20/80	1	35.	35.	35.	35.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/20/80-07/20/80	1	3.9	3.9	3.9	3.9	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	07/20/80-07/20/80	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/20/80-07/20/80	1	122.	122.	122.	122.	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	07/20/80-07/20/80	1	0.123	0.123	0.123	0.123	0.	0.	**	**	**	**
50700	FLUORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	07/20/80-07/20/80	1	11.	11.	11.	11.	0.	0.	**	**	**	**
50760	CHLORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	07/20/80-07/20/80	1	1200.	1200.	1200.	1200.	0.	0.	**	**	**	**
82331	DYSPROSIUM, DISSOLVED AS DY IN WATER UG/L	07/20/80-07/20/80	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0100

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: GRBA0101

NPS Station ID: GRBA0101
LAT/LON: 38.942810/-114.299004
Agency: 11NPSWRD
Date Created: 05/30/98
Location: LUAG520
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): GRBA_NURE_084 /7071137
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WHEELER PEAK; NV-WHITE PINE CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A SPRING INSIDE THE GREAT BASIN NATIONAL PARK BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.8 MICRON FILTER OR SMALLER AT THE SITE. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "SRL" FIELD ENTRY (SAVANNAH RIVER LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE SAVANNAH RIVER LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525. TEL. (970) 225-3516.

Parameter Inventory for Station: GRBA0101

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/20/80-07/20/80	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/20/80-07/20/80	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/20/80-07/20/80	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/20/80-07/20/80	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/20/80-07/20/80	1	35.	35.	35.	35.	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/20/80-07/20/80	1 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/20/80-07/20/80	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/20/80-07/20/80	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/20/80-07/20/80	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/20/80-07/20/80	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	07/20/80-07/20/80	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/20/80-07/20/80	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/20/80-07/20/80	1	71.	71.	71.	71.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/20/80-07/20/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	07/20/80-07/20/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	07/20/80-07/20/80	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/20/80-07/20/80	1	22.	22.	22.	22.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/20/80-07/20/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/20/80-07/20/80	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: GRBA0101

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01065	NICKEL, DISSOLVED (UG/L AS NI)	07/20/80-07/20/80	1	7.	7.	7.	7.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	07/20/80-07/20/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/20/80-07/20/80	1	16.	16.	16.	16.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	07/20/80-07/20/80	1	11.	11.	11.	11.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/20/80-07/20/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/20/80-07/20/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01110	CERIUM, DISSOLVED (UG/L AS CE)	07/20/80-07/20/80	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/20/80-07/20/80	1	101.	101.	101.	101.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	07/20/80-07/20/80	1	1700.	1700.	1700.	1700.	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/20/80-07/20/80	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/20/80-07/20/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/20/80-07/20/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/20/80-07/20/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0101

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	1	0	0.00							1	0	0.00			
		Drinking Water	4.	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			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: GRBA0102

NPS Station ID: GRBA0102
LAT/LON: 38.943031/-114.297560
Agency: 11NPSWRD
Date Created: 03/06/99
Location: JOHNSON LAKE SPRING 1
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): GRBA_ACHEM_JLS1
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 3279
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPO.) QUADRANGLE. THE SITE IS LOCATED AT THE SOUTHERN-MOST SPRING OFF OF JOHNSON LAKE AND IS WITHIN THE BOUNDARIES OF GREAT BASIN NATIONAL PARK. THE DATA ARE FROM A MASTER'S THESIS PREPARED BY STEPHEN ACHAEMPONG; "ISOTOPE HYDROLOGY OF LEHMAN AND BAKER CREEKS DRAIN- AGES; GREAT BASIN NATIONAL PARK; NEVADA." THIS THESIS WAS SUBMITTED TO THE DEPARTMENT OF GEOSCIENCE; UNIVERSITY OF NEVADA; LAS VEGAS IN AUGUST OF 1992. THE DATA WERE COLLECTED IN ORDER TO UNDERSTAND THE RECHARGE AND MIXING MECHANISMS OF WATER RESOURCES IN THE PARK USING ENVIRONMEN- TALLY STABLE ISOTOPES OF DEUTERIUM AND OXYGEN-18. DATES WERE ESTIMATED AS RAW DATA WERE UNAVAILABLE. FOR MORE INFORMATION ON THE PARK CONTACT THE CHIEF OF RESOURCES AT GRBA; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0102

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/15/90-09/15/90	1	8.5	8.5	8.5	8.5	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/15/90-09/15/90	1	39.	39.	39.	39.	0.	0.	**	**	**	**
82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	09/15/90-09/15/90	1	-100.	-100.	-100.	-100.	0.	0.	**	**	**	**
82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	09/15/90-09/15/90	1	-14.	-14.	-14.	-14.	0.	0.	**	**	**	**

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

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

Station Inventory for Station: GRBA0103

NPS Station ID: GRBA0103
LAT/LON: 38.943281/-114.297309
Agency: 11NPSWRD
Date Created: 03/06/99
Location: BELOW JOHNSON LAKE SPRINGS 1 & 2
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): GRBA_ACHEM_JLS
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 3279
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK NV-WHITE PINE COUNTY 7.5 MIN. SERIES (TOPO.) QUAD. THE SITE IS LOCATED JUST BELOW WHERE JOHNSON LAKE SPRINGS 1 AND 2 MEET BEFORE JOINING JOHNSON LAKE AND IS WITHIN THE BOUNDARIES OF GREAT BASIN NATIONAL PARK. THE DATA ARE FROM A MASTER'S THESIS PREPARED BY STEPHEN ACHAEMPONG; "ISOTOPE HYDROLOGY OF LEHMAN AND BAKER CREEKS DRAINAGES; GREAT BASIN NATIONAL PARK; NEVADA." THIS THESIS WAS SUBMITTED TO THE DEPT. OF GEOSCIENCE; UNIVERSITY OF NEVADA; LAS VEGAS IN AUGUST; 1992. THE DATA WERE COLLECTED IN ORDER TO UNDERSTAND THE RECHARGE AND MIXING MECHANISMS OF WATER RESOURCES IN THE PARK USING ENVIRONMENTALLY STABLE ISOTOPES OF DEUTERIUM AND OXYGEN-18. DATES WERE ESTIMATED AS RAW DATA WERE UNAVAILABLE. FOR MORE INFORMATION ON THE PARK CONTACT THE CHIEF OF RESOURCES AT GRBA; BAKER NV 89311-9700 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0103

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/15/90-09/15/91	5	5.	3.8	7.	1.	7.2	2.683	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/15/90-09/15/91	5	29.	26.2	34.	16.	55.7	7.463	**	**	**	**
82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	10/15/90-09/15/91	5	-109.	-109.4	-108.	-111.	1.3	1.14	**	**	**	**
82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	10/15/90-09/15/91	5	-15.	-15.	-15.	-15.	0.	0.	**	**	**	**

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

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

Station Inventory for Station: GRBA0104

NPS Station ID: GRBA0104
LAT/LON: 38.943337/-114.297699
Agency: 11NPSWRD
Date Created: 03/06/99
Location: JOHNSON LAKE SPRING 2
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): GRBA_ACHEM_JLS2
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 3279
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPO.) QUADRANGLE. THE SITE IS LOCATED AT THE NORTHERN MOST SPRING OFF OF JOHNSON LAKE; AND IS WITHIN THE BOUNDARIES OF GREAT BASIN NATIONAL PARK. THE DATA ARE FROM A MASTER'S THESIS PREPARED BY STEPHEN ACHAEMPONG; "ISOTOPE HYDROLOGY OF LEHMAN AND BAKER CREEKS DRAIN- AGES; GREAT BASIN NATIONAL PARK; NEVADA." THIS THESIS WAS SUBMITTED TO THE DEPARTMENT OF GEOSCIENCE; UNIVERSITY OF NEVADA; LAS VEGAS IN AUGUST OF 1992. THE DATA WERE COLLECTED IN ORDER TO UNDERSTAND THE RECHARGE AND MIXING MECHANISMS OF WATER RESOURCES IN THE PARK USING ENVIRONMEN- TALLY STABLE ISOTOPES OF DEUTERIUM AND OXYGEN-18. DATES WERE ESTIMATED AS RAW DATA WERE UNAVAILABLE. FOR MORE INFORMATION ON THE PARK CONTACT THE CHIEF OF RESOURCES AT GRBA; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0104

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/15/90-09/15/90	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/15/90-09/15/90	1	30.	30.	30.	30.	0.	0.	**	**	**	**
82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	09/15/90-09/15/90	1	-96.	-96.	-96.	-96.	0.	0.	**	**	**	**
82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	09/15/90-09/15/90	1	-12.	-12.	-12.	-12.	0.	0.	**	**	**	**

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

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

Station Inventory for Station: GRBA0105

NPS Station ID: GRBA0105 LAT/LON: 38.943420/-114.296893 Agency: 11NPSWRD Date Created: 11/21/98
Location: NEAR THE SOUTH SHORE OF JOHNSON LAKE FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): GRBA_EPA_JL7
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 Depth of Water: 0 Aquifer:
Major Basin: GREAT BASIN Elevation: 10760 Water Body Id:
Minor Basin: GREAT SALT LAKE ECO Region:
RF1 Index: 16020301 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 16020301119900.00 RF3 Mile Point: 1.19 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WHEELER PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED NEAR THE SOUTH SHORE OF JOHNSON LAKE AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM A REPORT BY RICHARD METCALF ET AL.; "CHEMISTRY OF SELECTED LAKES AND STREAMS IN GREAT BASIN NATIONAL PARK NEVADA DURING WINTER AND SPRING 1989;" SEPTEMBER 1992. THIS REPORT WAS PREPARED UNDER A COOPERATIVE AGREEMENT BETWEEN THE NPS AND THE ENVIRONMENTAL PROTECTION AGENCY IN AN EFFORT TO OBTAIN A COMPLETE CHEMICAL ANALYSIS OF THE WATERS IN GRBA. THE DATA ARE MEANT TO BE USED IN PARK RESOURCE ASSESSMENT; IN FUTURE STUDIES; AND AS A SOURCE OF BASELINE WATER QUALITY ANALYSES. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0105

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/27/89-05/27/89	1	8.7	8.7	8.7	8.7	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/27/89-05/27/89	1	36.	36.	36.	36.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/27/89-05/27/89	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/27/89-05/27/89	1	7.33	7.33	7.33	7.33	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/27/89-05/27/89	1	7.33	7.33	7.33	7.33	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/27/89-05/27/89	1	0.047	0.047	0.047	0.047	0.	0.	**	**	**	**
72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/27/89-05/27/89	1	10760.	10760.	10760.	10760.	0.	0.	**	**	**	**
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	05/27/89-05/27/89	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: GRBA0105

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00				1	0	0.00						

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

EPA Water Quality Criteria Analysis for Station: GRBA0105

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400 PH	Fresh Chronic	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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0106

NPS Station ID: GRBA0106 | LAT/LON: 38.943587/-114.297253 | Agency: 11NPSWRD | Date Created: 11/21/98
Location: NEAR THE WEST SHORE OF JOHNSON LAKE | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): GRBA_EPA_JL3
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 10760 | Water Body Id:
Minor Basin: GREAT SALT LAKE | ECO Region:
RF1 Index: 16020301 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WHEELER PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED NEAR THE WEST SHORE OF JOHNSON LAKE AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM A REPORT BY RICHARD METCALF ET AL.; "CHEMISTRY OF SELECTED LAKES AND STREAMS IN GREAT BASIN NATIONAL PARK NEVADA DURING WINTER AND SPRING 1989;" SEPTEMBER 1992. THIS REPORT WAS PREPARED UNDER A COOPERATIVE AGREEMENT BETWEEN THE NPS AND THE ENVIRONMENTAL PROTECTION AGENCY IN AN EFFORT TO OBTAIN A COMPLETE CHEMICAL ANALYSIS OF THE WATERS IN GRBA. THE DATA ARE MEANT TO BE USED IN PARK RESOURCE ASSESSMENT; IN FUTURE STUDIES; AND AS A SOURCE OF BASELINE WATER QUALITY ANALYSES. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (702-234-7311). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0106

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/27/89-05/27/89	4	8.35	8.35	8.4	8.3	0.003	0.058	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/27/89-05/27/89	4	37.	37.	37.	37.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/27/89-05/27/89	4	8.1	8.1	8.2	8.	0.007	0.082	**	**	**	**
00400	PH (STANDARD UNITS)	05/27/89-05/27/89	4	7.315	7.318	7.35	7.29	0.001	0.028	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/27/89-05/27/89	4	7.315	7.317	7.35	7.29	0.001	0.028	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/27/89-05/27/89	4	0.048	0.048	0.051	0.045	0.	0.003	**	**	**	**
72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/27/89-05/27/89	4	10760.	10760.	10760.	10760.	0.	0.	**	**	**	**
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	05/27/89-05/27/89	1	7.2	7.2	7.2	7.2	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: GRBA0106

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	4	0	0.00				4	0	0.00						

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

EPA Water Quality Criteria Analysis for Station: GRBA0106

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400 PH	Fresh Chronic	9.	4	0	0.00				4	0	0.00						
	Other-Lo Lim.	6.5	4	0	0.00				4	0	0.00						

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

Station Inventory for Station: GRBA0107

NPS Station ID: GRBA0107
LAT/LON: 38.943615/-114.296226
Agency: 11NPSWRD
Date Created: 11/21/98
Location: WEST SHORE OF JOHNSON LAKE
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): GRBA_EPA_JL9
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 10760
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WHEELER PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT THE WEST SHORE OF JOHNSON LAKE AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM A REPORT BY RICHARD METCALF ET AL.; "CHEMISTRY OF SELECTED LAKES AND STREAMS IN GREAT BASIN NATIONAL PARK NEVADA DURING WINTER AND SPRING 1989;" SEPTEMBER 1992. THIS REPORT WAS PREPARED UNDER A COOPERATIVE AGREEMENT BETWEEN THE NATIONAL PARK SERVICE AND THE ENVIRONMENTAL PROTECTION AGENCY IN AN EFFORT TO OBTAIN A COMPLETE CHEMICAL ANALYSIS OF THE WATERS IN GRBA. THE DATA ARE MEANT TO BE USED IN PARK RESOURCE ASSESSMENT; IN FUTURE STUDIES; AND AS A SOURCE OF BASELINE WATER QUALITY ANALYSES. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NPS WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0107

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/27/89-05/27/89	1	8.7	8.7	8.7	8.7	0.	0.	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	05/27/89-05/27/89	1	236.	236.	236.	236.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/27/89-05/27/89	1	36.	36.	36.	36.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/27/89-05/27/89	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/27/89-05/27/89	1	6.96	6.96	6.96	6.96	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/27/89-05/27/89	1	6.96	6.96	6.96	6.96	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/27/89-05/27/89	1	0.11	0.11	0.11	0.11	0.	0.	**	**	**	**
72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/27/89-05/27/89	1	10760.	10760.	10760.	10760.	0.	0.	**	**	**	**
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	05/27/89-05/27/89	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: GRBA0107

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00				1	0	0.00						
00400	PH	Fresh Chronic	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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0108

NPS Station ID: GRBA0108
LAT/LON: 38.943615/-114.296670
Agency: 11NPSWRD
Date Created: 11/21/98
Location: NEAR THE CENTER OF JOHNSON LAKE
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): GRBA_EPA_JL8
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 10760
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WHEELER PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED NEAR THE CENTER OF JOHNSON LAKE AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM A REPORT BY RICHARD METCALF ET AL.; "CHEMISTRY OF SELECTED LAKES AND STREAMS IN GREAT BASIN NATIONAL PARK NEVADA DURING WINTER AND SPRING 1989;" SEPTEMBER 1992. THIS REPORT WAS PREPARED UNDER A COOPERATIVE AGREEMENT BETWEEN THE NATIONAL PARK SERVICE AND THE ENVIRONMENTAL PROTECTION AGENCY IN AN EFFORT TO OBTAINA COMPLETE CHEMICAL ANALYSIS OF THE WATERS IN GRBA. THE DATA ARE MEANT TO BE USED IN PARK RESOURCE ASSESSMENT; IN FUTURE STUDIES; AND AS A SOURCE OF BASELINE WATER QUALITY ANALYSES. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0108

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/27/89-05/27/89	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	05/27/89-05/27/89	1	224.	224.	224.	224.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/27/89-05/27/89	1	37.	37.	37.	37.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/27/89-05/27/89	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/27/89-05/27/89	1	7.26	7.26	7.26	7.26	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/27/89-05/27/89	1	7.26	7.26	7.26	7.26	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/27/89-05/27/89	1	0.055	0.055	0.055	0.055	0.	0.	**	**	**	**
72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/27/89-05/27/89	1	10760.	10760.	10760.	10760.	0.	0.	**	**	**	**
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	05/27/89-05/27/89	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: GRBA0108

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00				1	0	0.00						
00400	PH	Fresh Chronic	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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0109

NPS Station ID: GRBA0109 | LAT/LON: 38.943615/-114.297004 | Agency: 11NPSWRD | Date Created: 11/21/98
Location: NEAR THE WEST SHORE OF JOHNSON LAKE | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): GRBA_EPA_JL6
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 10760 | Water Body Id:
Minor Basin: GREAT SALT LAKE | ECO Region:
RF1 Index: 16020301 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WHEELER PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED NEAR THE WEST SHORE OF JOHNSON LAKE AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM A REPORT BY RICHARD METCALF ET AL.; "CHEMISTRY OF SELECTED LAKES AND STREAMS IN GREAT BASIN NATIONAL PARK NEVADA DURING WINTER AND SPRING 1989;" SEPTEMBER 1992. THIS REPORT WAS PREPARED UNDER A COOPERATIVE AGREEMENT BETWEEN THE NPS AND THE ENVIRONMENTAL PROTECTION AGENCY IN AN EFFORT TO OBTAIN A COMPLETE CHEMICAL ANALYSIS OF THE WATERS IN GRBA. THE DATA ARE MEANT TO BE USED IN PARK RESOURCE ASSESSMENT; IN FUTURE STUDIES; AND AS A SOURCE OF BASELINE WATER QUALITY ANALYSES. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0109

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/27/89-05/27/89	2	8.45	8.45	8.5	8.4	0.005	0.071	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/27/89-05/27/89	2	37.	37.	37.	37.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/27/89-05/27/89	2	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/27/89-05/27/89	2	7.335	7.335	7.34	7.33	0.	0.007	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/27/89-05/27/89	2	7.335	7.335	7.34	7.33	0.	0.007	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/27/89-05/27/89	2	0.046	0.046	0.047	0.046	0.	0.001	**	**	**	**
72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/27/89-05/27/89	2	10760.	10760.	10760.	10760.	0.	0.	**	**	**	**
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	05/27/89-05/27/89	1	4.2	4.2	4.2	4.2	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: GRBA0109

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	2	0	0.00				2	0	0.00						

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

EPA Water Quality Criteria Analysis for Station: GRBA0109

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400 PH	Fresh Chronic	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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0110

NPS Station ID: GRBA0110 LAT/LON: 38.943643/-114.296503 Agency: 11NPSWRD Date Created: 07/11/98
Location: CENTER OF SHALLOWS IN EAST END OF JOHNSON LAKE FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): GRBA_NPS_JOHE
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 Depth of Water: 0 Aquifer:
Major Basin: GREAT BASIN Elevation: 10760 Water Body Id:
Minor Basin: GREAT SALT LAKE ECO Region:
RF1 Index: 16020301 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 16020301119900.00 RF3 Mile Point: 1.19 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WHEELER PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT THE EAST END OF JOHNSON LAKE; CENTER OF THE SHALLOWS NEAR THE DAM; AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM SEVERAL YEARLY REPORTS (1990-97) BY KURT PFAFF; PHYSICAL SCIENCE TECHNICIAN FOR GRBA. A SURFACE WATER QUALITY MONITORING PROGRAM WAS INSTITUTED TO ACQUIRE THE DATA FROM THE PARK WATERS ON A SEMI-ANNUAL BASIS. DATA ARE INTEGRATED INTO THE PARK'S WATER RESOURCE MANAGEMENT PLAN IN ORDER TO PERPETUATE THE INHERENT NATURAL INTEGRITY OF ITS WATER-DEPENDENT ENVIRONMENTS. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0110

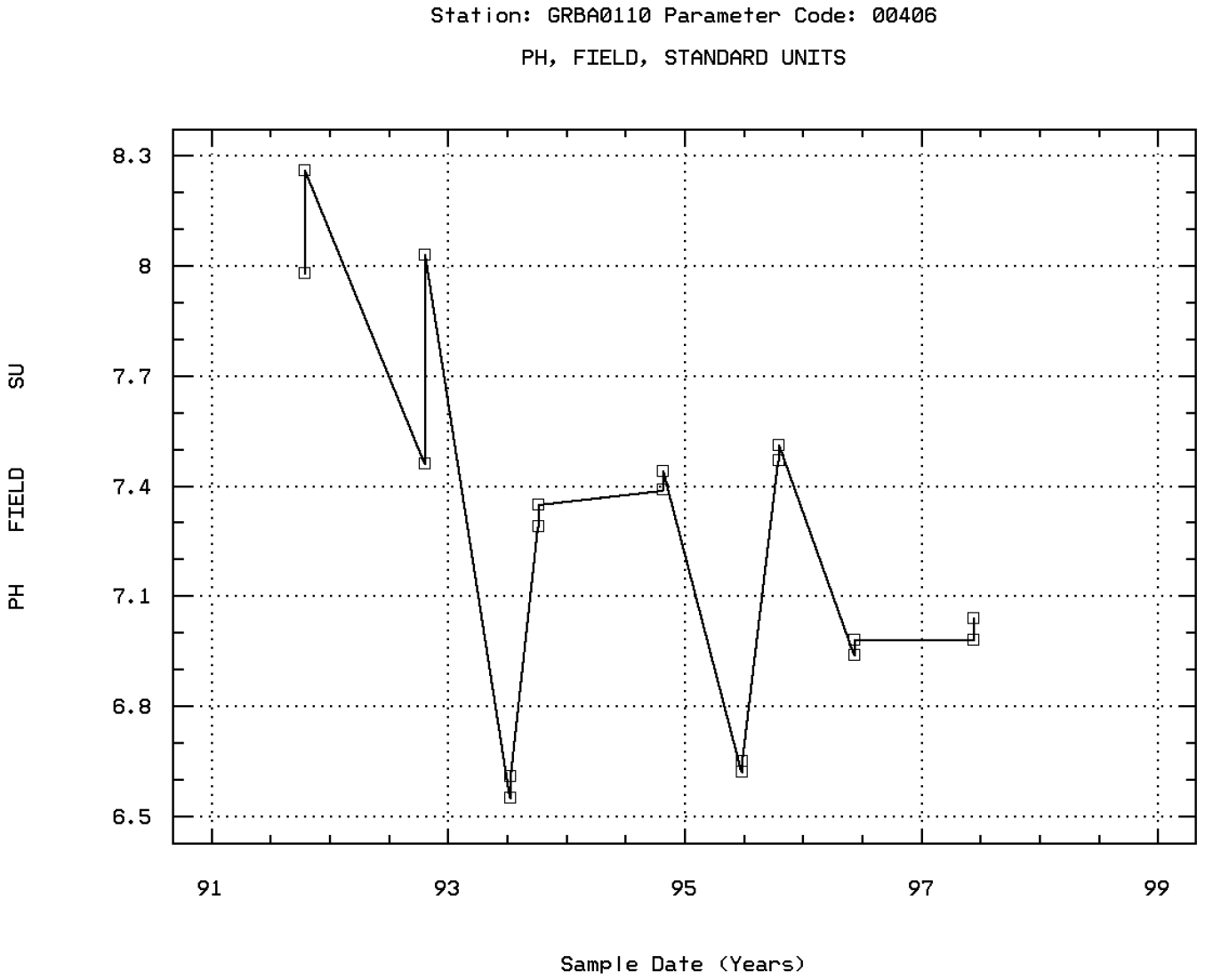
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/13/93-06/12/97	7	6.	5.714	9.	1.	6.571	2.563	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/17/91-06/09/96	8	28.5	29.375	41.	19.	75.125	8.667	**	**	**	**
00406p	PH, FIELD, STANDARD UNITS SU	10/17/91-06/12/97	18	7.32	7.253	8.26	6.55	0.255	0.505	6.604	6.868	7.48	8.053
00406p	CONVERTED PH, FIELD, STANDARD UNITS	10/17/91-06/12/97	18	7.319	7.024	8.26	6.55	0.31	0.557	6.604	6.868	7.48	8.053
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/17/91-06/12/97	18	0.048	0.095	0.282	0.005	0.008	0.091	0.009	0.033	0.142	0.249

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

EPA Water Quality Criteria Analysis for Station: GRBA0110

			Total	Exceed	Prop.	----------9/15-4/14----------			----------4/15-6/14----------			----------6/15-9/14----------			--------------n/a--------------		
Parameter	Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00406 PH, FIELD	Fresh Chronic	9.	18	0	0.00	10	0	0.00	4	0	0.00	4	0	0.00			
	Other-Lo Lim.	6.5	18	0	0.00	10	0	0.00	4	0	0.00	4	0	0.00			

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



CENTER OF SHALLOWS IN EAST END OF JOHNS

Station Inventory for Station: GRBA0111

NPS Station ID: GRBA0111
LAT/LON: 38.943670/-114.296559
Agency: 11NPSWRD
Date Created: 03/06/99
Location: JOHNSON LAKE
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): GRBA_ACHEM_JOHL
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 3275
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WHEELER PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT JOHNSON LAKE AND IS WITHIN THE BOUNDARIES OF GREAT BASIN NATIONAL PARK. DATA ARE FROM A MASTER'S THESIS PREPARED BY STEPHEN ACHAEMPONG; "ISOTOPE HYDROLOGY OF LEHMAN AND BAKER CREEKS DRAINAGES; GREAT BASIN NATIONAL PARK; NEVADA." THIS THESIS WAS SUBMITTED TO THE DEPARTMENT OF GEOSCIENCE; UNIVERSITY OF NEVADA; LAS VEGAS IN AUGUST OF 1992. THE DATA WERE COLLECTED IN ORDER TO UNDERSTAND THE RECHARGE AND MIXING MECHANISMS OF WATER RESOURCES IN THE PARK USING ENVIRONMENTALLY STABLE ISOTOPES OF DEUTERIUM AND OXYGEN-18. FOR MORE INFORMATION ON THE PARK CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0111

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/15/90-09/15/91	6	8.	7.167	11.	0.	14.167	3.764	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/15/90-09/15/91	6	20.	22.	34.	16.	48.4	6.957	**	**	**	**
82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	09/15/90-09/15/91	6	-101.5	-102.667	-94.	-112.	60.667	7.789	**	**	**	**
82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	09/15/90-09/15/91	7	-13.	-13.286	-11.	-15.	2.238	1.496	**	**	**	**

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

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

Station Inventory for Station: GRBA0112

NPS Station ID: GRBA0112
LAT/LON: 38.943726/-114.296893
Agency: 11NPSWRD
Date Created: 11/21/98
Location: CENTER OF JOHNSON LAKE
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): GRBA_EPA_JL1
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 10760
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WHEELER PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT THE CENTER OF JOHNSON LAKE AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM A REPORT BY RICHARD METCALF ET AL.; "CHEMISTRY OF SELECTED LAKES AND STREAMS IN GREAT BASIN NATIONAL PARK NEVADA DURING WINTER AND SPRING 1989;" SEPTEMBER 1992. THIS REPORT WAS PREPARED UNDER A COOPERATIVE AGREEMENT BETWEEN THE NATIONAL PARK SERVICE AND THE ENVIRONMENTAL PROTECTION AGENCY IN AN EFFORT TO OBTAINA COMPLETE CHEMICAL ANALYSIS OF THE WATERS IN GRBA. THE DATA ARE MEANT TO BE USED IN PARK RESOURCE ASSESSMENT; IN FUTURE STUDIES; AND AS A SOURCE OF BASELINE WATER QUALITY ANALYSES. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0112

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/27/89-05/27/89	3	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	05/27/89-05/27/89	2	483.	483.	736.	230.	128018.	357.796	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/27/89-05/27/89	3	37.	37.	37.	37.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/27/89-05/27/89	2	8.65	8.65	8.7	8.6	0.005	0.071	**	**	**	**
00400	PH (STANDARD UNITS)	05/27/89-05/27/89	3	7.45	7.78	8.62	7.27	0.537	0.733	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/27/89-05/27/89	3	7.45	7.515	8.62	7.27	0.642	0.801	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/27/89-05/27/89	3	0.035	0.031	0.054	0.002	0.001	0.026	**	**	**	**
72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/27/89-05/27/89	3	10760.	10760.	10760.	10760.	0.	0.	**	**	**	**
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	05/27/89-05/27/89	1	4.5	4.5	4.5	4.5	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: GRBA0112

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	2	0	0.00				2	0	0.00						
00400	PH	Fresh Chronic	9.	3	0	0.00				3	0	0.00						
		Other-Lo Lim.	6.5	3	0	0.00				3	0	0.00						

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

Station Inventory for Station: GRBA0113

NPS Station ID: GRBA0113 | LAT/LON: 38.943754/-114.297087 | Agency: 11NPSWRD | Date Created: 07/11/98
Location: WEST END OF JOHNSON LAKE | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): GRBA_NPS_JOH902
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 0 | Water Body Id:
Minor Basin: GREAT SALT LAKE | ECO Region:
RF1 Index: 16020301 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WHEELER PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT THE WEST END OF JOHNSON LAKE AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THIS SAMPLING SITE WAS REPLACED BY SITE JOHW FOR STUDIES AFTER 1990. THE DATA ARE FROM SEVERAL YEARLY REPORTS (1990-97) BY KURT PFAFF; PHYSICAL SCIENCE TECHNICIAN FOR GRBA. A SURFACE WATER QUALITY MONITORING PROGRAM WAS INSTITUTED TO ACQUIRE DATA FROM THE PARK WATERS ON A SEMI-ANNUAL BASIS. DATA ARE INTEGRATED INTO THE PARK'S WATER RESOURCE MANAGEMENT PLAN IN ORDER TO PERPETUATE THE INHERENT NATURAL INTEGRITY OF ITS WATER-DEPENDENT ENVIRONMENTS. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0113

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/03/90-07/03/90	1	30.	30.	30.	30.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/03/90-07/03/90	1	7.58	7.58	7.58	7.58	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/03/90-07/03/90	1	7.58	7.58	7.58	7.58	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/03/90-07/03/90	1	0.026	0.026	0.026	0.026	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0113

			Total	Exceed	Prop.	9/15-4/14			4/15-6/14			6/15-9/14			n/a		
Parameter	Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00406 PH, FIELD	Fresh Chronic	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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0114

NPS Station ID: GRBA0114
LAT/LON: 38.943754/-114.297087
Agency: 11NPSWRD
Date Created: 11/21/98
Location: JOHNSON LAKE WEST END
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): GRBA_EPA_GBS10
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 10760
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WHEELER PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT THE WEST END OF JOHNSON LAKE AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM A REPORT BY RICHARD METCALF ET AL.; "CHEMISTRY OF SELECTED LAKES AND STREAMS IN GREAT BASIN NATIONAL PARK NEVADA DURING WINTER AND SPRING 1989;" SEPTEMBER 1992. THIS REPORT WAS PREPARED UNDER A COOPERATIVE AGREEMENT BETWEEN THE NATIONAL PARK SERVICE AND THE ENVIRONMENTAL PROTECTION AGENCY IN AN EFFORT TO OBTAINA COMPLETE CHEMICAL ANALYSIS OF THE WATERS IN GRBA. THE DATA ARE MEANT TO BE USED IN PARK RESOURCE ASSESSMENT; IN FUTURE STUDIES; AND AS A SOURCE OF BASELINE WATER QUALITY ANALYSES. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0114

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/27/89-05/27/89	1	26.	26.	26.	26.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/27/89-05/27/89	1	7.03	7.03	7.03	7.03	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/27/89-05/27/89	1	7.03	7.03	7.03	7.03	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/27/89-05/27/89	1	0.093	0.093	0.093	0.093	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/27/89-05/27/89	1	0.11	0.11	0.11	0.11	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	05/27/89-05/27/89	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	05/27/89-05/27/89	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/27/89-05/27/89	1	3.7	3.7	3.7	3.7	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/27/89-05/27/89	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/27/89-05/27/89	1	0.61	0.61	0.61	0.61	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/27/89-05/27/89	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/27/89-05/27/89	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/27/89-05/27/89	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	05/27/89-05/27/89	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	05/27/89-05/27/89	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	05/27/89-05/27/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	05/27/89-05/27/89	1 ##	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/27/89-05/27/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	05/27/89-05/27/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

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

Parameter Inventory for Station: GRBA0114

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01040	COPPER, DISSOLVED (UG/L AS CU)	05/27/89-05/27/89	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	05/27/89-05/27/89	1 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	05/27/89-05/27/89	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/27/89-05/27/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01057	THALLIUM, DISSOLVED (UG/L AS TL)	05/27/89-05/27/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	05/27/89-05/27/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	05/27/89-05/27/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	05/27/89-05/27/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	05/27/89-05/27/89	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01095	ANTIMONY, DISSOLVED (UG/L AS SB)	05/27/89-05/27/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	05/27/89-05/27/89	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	05/27/89-05/27/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/27/89-05/27/89	1	10760.	10760.	10760.	10760.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0114

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00				1	0	0.00						
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00				1	0	0.00						
		Drinking Water	250.	1	0	0.00				1	0	0.00						
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00				1	0	0.00						
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00				1	0	0.00						
		Drinking Water	50.	1	0	0.00				1	0	0.00						
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00				1	0	0.00						
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	1	0	0.00				1	0	0.00						
		Drinking Water	4.	1	0	0.00				1	0	0.00						
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00				1	0	0.00						
		Drinking Water	5.	1	0	0.00				1	0	0.00						
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00				1	0	0.00						
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00				1	0	0.00						
		Drinking Water	1300.	1	0	0.00				1	0	0.00						
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00				1	0	0.00						
		Drinking Water	15.	1	0	0.00				1	0	0.00						
01057	THALLIUM, DISSOLVED	Fresh Acute	1400.	1	0	0.00				1	0	0.00						
		Drinking Water	2.	1	0	0.00				1	0	0.00						
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00				1	0	0.00						
		Drinking Water	100.	1	0	0.00				1	0	0.00						
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00				1	0	0.00						
		Drinking Water	100.	1	0	0.00				1	0	0.00						
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00				1	0	0.00						
		Drinking Water	5000.	1	0	0.00				1	0	0.00						
01095	ANTIMONY, DISSOLVED	Fresh Acute	88.	1	0	0.00				1	0	0.00						
		Drinking Water	6.	1	0	0.00				1	0	0.00						
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00				1	0	0.00						
		Drinking Water	50.	1	0	0.00				1	0	0.00						

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

Station Inventory for Station: GRBA0115

NPS Station ID: GRBA0115 LAT/LON: 38.943754/-114.297309 Agency: 11NPSWRD Date Created: 06/20/98
Location: WEST END OF JOHNSON LAKE NEAR BEDROCK OUTCROP FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): GRBA_OSU_JOHW
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 Depth of Water: 0 Aquifer:
Major Basin: GREAT BASIN Elevation: 10760 Water Body Id:
Minor Basin: GREAT SALT LAKE ECO Region:
RF1 Index: 16020301 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 16020301119900.00 RF3 Mile Point: 1.19 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED AT THE WHEELER PEAK NV-WHITE PINE CO. 7.5 MINUTE SERIES (TOPO.) QUAD. THE SITE IS LOCATED AT THE WEST END OF JOHNSON LAKE NEAR THE BEDROCK OUTCROP AND IS WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM A REPORT BY RUTH JACOBS ET AL.; "CHEMICAL CHARACTERISTICS OF SURFACE WATERS OF GREAT BASIN NATIONAL PARK;" DECEMBER 1993. THIS REPORT WAS PREPARED IN COOPERATION WITH THE NATIONAL PARK SERVICE. THE STUDY WAS DESIGNED TO COLLECT WATER QUALITY DATA FOR THE PARK TO AID IN THE PREPARATION OF A WATER QUALITY MONITORING PROGRAM TO MEET MANAGEMENT PLAN OBJECTIVES. THE SAMPLES WERE FILTERED WITH A 1.2 UM FILTER IN THE FIELD. ICP METAL VALUES WERE UPLOADED TO STORET BUT ARE CONSIDERED TO BE SUSPECT. FOR MORE INFO. CONTACT THE CHIEF OF RESOURCES AT GRBA; BAKER NV 89311 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0115

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/27/92-08/27/92	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/27/92-08/27/92	1	40.	40.	40.	40.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/27/92-08/27/92	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/27/92-08/27/92	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/27/92-08/27/92	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/27/92-08/27/92	1	28.	28.	28.	28.	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/27/92-08/27/92	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/27/92-08/27/92	1	0.14	0.14	0.14	0.14	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/27/92-08/27/92	2	0.005	0.005	0.006	0.003	0.	0.002	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/27/92-08/27/92	2	0.022	0.022	0.022	0.022	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/27/92-08/27/92	1 ##	0.023	0.023	0.023	0.023	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/27/92-08/27/92	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/27/92-08/27/92	1	5.1	5.1	5.1	5.1	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/27/92-08/27/92	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/27/92-08/27/92	1	0.77	0.77	0.77	0.77	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/27/92-08/27/92	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/27/92-08/27/92	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/27/92-08/27/92	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/27/92-08/27/92	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: GRBA0115

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/27/92-08/27/92	1 ##	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/27/92-08/27/92	1	21.	21.	21.	21.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/27/92-08/27/92	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/27/92-08/27/92	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	08/27/92-08/27/92	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/27/92-08/27/92	1	247.	247.	247.	247.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	08/27/92-08/27/92	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/27/92-08/27/92	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	08/27/92-08/27/92	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	08/27/92-08/27/92	1 ##	3.	3.	3.	3.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/27/92-08/27/92	1	71.	71.	71.	71.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/27/92-08/27/92	1	125.	125.	125.	125.	0.	0.	**	**	**	**
01095	ANTIMONY, DISSOLVED (UG/L AS SB)	08/27/92-08/27/92	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01100	TIN, DISSOLVED (UG/L AS SN)	08/27/92-08/27/92	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/27/92-08/27/92	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	08/27/92-08/27/92	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
50098	CALCIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/27/92-08/27/92	1	13.59	13.59	13.59	13.59	0.	0.	**	**	**	**
50104	POTASSIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/27/92-08/27/92	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
50105	MAGNESIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/27/92-08/27/92	1	0.82	0.82	0.82	0.82	0.	0.	**	**	**	**
50108	SODIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/27/92-08/27/92	1	1.63	1.63	1.63	1.63	0.	0.	**	**	**	**
50932	SULFUR, DISSOLVED AS S MG/L	08/27/92-08/27/92	1	2.853	2.853	2.853	2.853	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/27/92-08/27/92	1	33.	33.	33.	33.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0115

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	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.	2	0	0.00							2	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00							1	0	0.00			
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00							1	0	0.00			
		Drinking Water	50.	1	0	0.00							1	0	0.00			
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00							1	0	0.00			
		Drinking Water	5.	1	0	0.00							1	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00							1	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00							1	0	0.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00							1	0	0.00			
		Drinking Water	15.	1	0	0.00							1	0	0.00			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	1	1.00							1	1	1.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			
01095	ANTIMONY, DISSOLVED	Fresh Acute	88.	1	0	0.00							1	0	0.00			
		Drinking Water	6.	0 &	0	0.00												

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

Station Inventory for Station: GRBA0116

NPS Station ID: GRBA0116 LAT/LON: 38.943754/-114.297309 Agency: 11NPSWRD Date Created: 07/11/98
Location: WEST END OF JOHNSON LAKE NEAR BEDROCK OUTCROP FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): GRBA_NPS_JOHW
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 Depth of Water: 0 Aquifer:
Major Basin: GREAT BASIN Elevation: 10760 Water Body Id:
Minor Basin: GREAT SALT LAKE ECO Region:
RF1 Index: 16020301 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 16020301119900.00 RF3 Mile Point: 1.19 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WHEELER PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT THE WEST END OF JOHNSON LAKE NEAR THE BEDROCK OUTCROPPING AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM SEVERAL YEARLY REPORTS (1990-97) BY KURT PFAFF; PHYSICAL SCIENCE TECHNICIAN FOR GRBA. A SURFACE WATER QUALITY MONITORING PROGRAM WAS INSTITUTED TO ACQUIRE THE DATA FROM THE PARK WATERS ON A SEMI-ANNUAL BASIS. DATA ARE INTEGRATED INTO THE PARK'S WATER RESOURCE MANAGEMENT PLAN IN ORDER TO PERPETUATE THE INHERENT NATURAL INTEGRITY OF ITS WATER-DEPENDENT ENVIRONMENTS. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0116

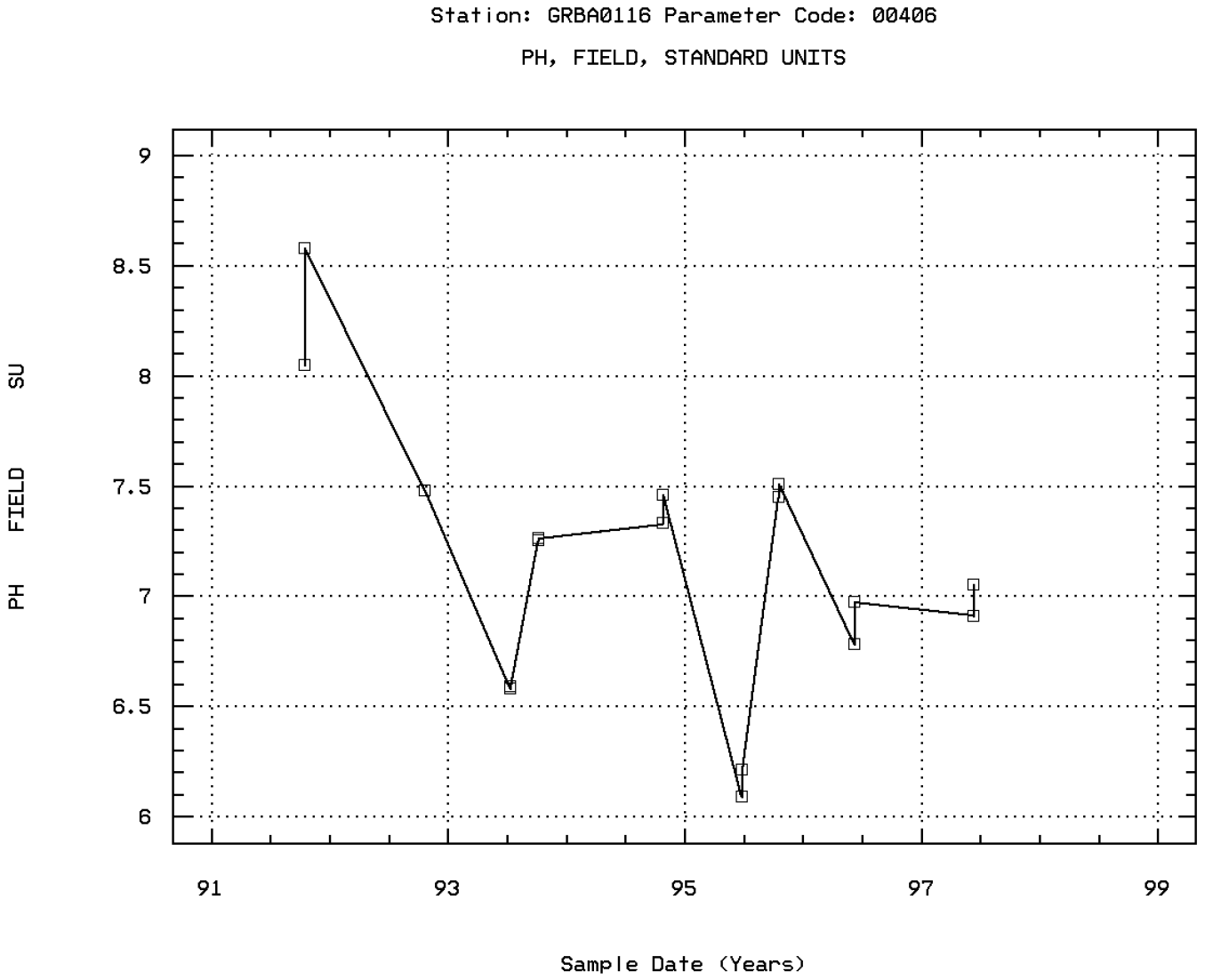
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/13/93-06/12/97	7	5.	5.143	10.	0.	9.143	3.024	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/17/91-06/09/96	8	29.	27.25	41.	5.	145.357	12.056	**	**	**	**
00406p	PH, FIELD, STANDARD UNITS SU	10/17/91-06/12/97	17	7.25	7.15	8.58	6.09	0.389	0.623	6.186	6.685	7.47	8.156
00406p	CONVERTED PH, FIELD, STANDARD UNITS	10/17/91-06/12/97	17	7.25	6.793	8.58	6.09	0.524	0.724	6.186	6.685	7.47	8.156
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/17/91-06/12/97	17	0.056	0.161	0.813	0.003	0.051	0.225	0.008	0.034	0.211	0.656

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

EPA Water Quality Criteria Analysis for Station: GRBA0116

			Total	Exceed	Prop.	----------9/15-4/14----------			----------4/15-6/14----------			----------6/15-9/14----------			----------n/a----------		
Parameter	Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00406 PH, FIELD	Fresh Chronic	9.	17	0	0.00	9	0	0.00	4	0	0.00	4	0	0.00			
	Other-Lo Lim.	6.5	17	2	0.12	9	0	0.00	4	0	0.00	4	2	0.50			

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



WEST END OF JOHNSON LAKE NEAR BEDROCK O

Station Inventory for Station: GRBA0117

NPS Station ID: GRBA0117
LAT/LON: 38.943809/-114.297281
Agency: 11NPSWRD
Date Created: 11/21/98
Location: WEST END OF JOHNSON LAKE
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): GRBA_EPA_JL2
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 10760
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WHEELER PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT THE WEST END OF JOHNSON LAKE AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM A REPORT BY RICHARD METCALF ET AL.; "CHEMISTRY OF SELECTED LAKES AND STREAMS IN GREAT BASIN NATIONAL PARK NEVADA DURING WINTER AND SPRING 1989;" SEPTEMBER 1992. THIS REPORT WAS PREPARED UNDER A COOPERATIVE AGREEMENT BETWEEN THE NATIONAL PARK SERVICE AND THE ENVIRONMENTAL PROTECTION AGENCY IN AN EFFORT TO OBTAINA COMPLETE CHEMICAL ANALYSIS OF THE WATERS IN GRBA. THE DATA ARE MEANT TO BE USED IN PARK RESOURCE ASSESSMENT; IN FUTURE STUDIES; AND AS A SOURCE OF BASELINE WATER QUALITY ANALYSES. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0117

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/27/89-05/27/89	3	7.9	7.933	8.	7.9	0.003	0.058	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	05/27/89-05/27/89	1	225.	225.	225.	225.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/27/89-05/27/89	3	37.	37.	37.	37.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/27/89-05/27/89	3	8.2	8.267	8.4	8.2	0.013	0.115	**	**	**	**
00400	PH (STANDARD UNITS)	05/27/89-05/27/89	3	7.4	7.393	7.4	7.38	0.	0.012	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/27/89-05/27/89	3	7.4	7.393	7.4	7.38	0.	0.012	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/27/89-05/27/89	3	0.04	0.04	0.042	0.04	0.	0.001	**	**	**	**
72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/27/89-05/27/89	3	10760.	10760.	10760.	10760.	0.	0.	**	**	**	**
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	05/27/89-05/27/89	1	13.5	13.5	13.5	13.5	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: GRBA0117

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	3	0	0.00				3	0	0.00						
00400	PH	Fresh Chronic	9.	3	0	0.00				3	0	0.00						
		Other-Lo Lim.	6.5	3	0	0.00				3	0	0.00						

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

Station Inventory for Station: GRBA0118

NPS Station ID: GRBA0118 | LAT/LON: 38.943892/-114.296420 | Agency: 11NPSWRD | Date Created: 11/21/98
Location: EAST END OF JOHNSON LAKE | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): GRBA_EPA_JL10
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 10760 | Water Body Id:
Minor Basin: GREAT SALT LAKE | ECO Region:
RF1 Index: 16020301 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WHEELER PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT THE EAST END OF JOHNSON LAKE AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM A REPORT BY RICHARD METCALF ET AL.; "CHEMISTRY OF SELECTED LAKES AND STREAMS IN GREAT BASIN NATIONAL PARK NEVADA DURING WINTER AND SPRING 1989;" SEPTEMBER 1992. THIS REPORT WAS PREPARED UNDER A COOPERATIVE AGREEMENT BETWEEN THE NATIONAL PARK SERVICE AND THE ENVIRONMENTAL PROTECTION AGENCY IN AN EFFORT TO OBTAINA COMPLETE CHEMICAL ANALYSIS OF THE WATERS IN GRBA. THE DATA ARE MEANT TO BE USED IN PARK RESOURCE ASSESSMENT; IN FUTURE STUDIES; AND AS A SOURCE OF BASELINE WATER QUALITY ANALYSES. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0118

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/27/89-05/27/89	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	05/27/89-05/27/89	1	235.	235.	235.	235.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/27/89-05/27/89	1	37.	37.	37.	37.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/27/89-05/27/89	1	8.7	8.7	8.7	8.7	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/27/89-05/27/89	1	6.95	6.95	6.95	6.95	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/27/89-05/27/89	1	6.95	6.95	6.95	6.95	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/27/89-05/27/89	1	0.112	0.112	0.112	0.112	0.	0.	**	**	**	**
72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/27/89-05/27/89	1	10760.	10760.	10760.	10760.	0.	0.	**	**	**	**
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	05/27/89-05/27/89	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: GRBA0118

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00				1	0	0.00						
00400	PH	Fresh Chronic	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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0119

NPS Station ID: GRBA0119 | LAT/LON: 38.944004/-114.297142 | Agency: 11NPSWRD | Date Created: 11/21/98
Location: NORTH END OF JOHNSON LAKE | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): GRBA_EPA_JL5
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 10760 | Water Body Id:
Minor Basin: GREAT SALT LAKE | ECO Region:
RF1 Index: 16020301 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WHEELER PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT THE NORTH END OF JOHNSON LAKE AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM A REPORT BY RICHARD METCALF ET AL.; "CHEMISTRY OF SELECTED LAKES AND STREAMS IN GREAT BASIN NATIONAL PARK NEVADA DURING WINTER AND SPRING 1989;" SEPTEMBER 1992. THIS REPORT WAS PREPARED UNDER A COOPERATIVE AGREEMENT BETWEEN THE NATIONAL PARK SERVICE AND THE ENVIRONMENTAL PROTECTION AGENCY IN AN EFFORT TO OBTAINA COMPLETE CHEMICAL ANALYSIS OF THE WATERS IN GRBA. THE DATA ARE MEANT TO BE USED IN PARK RESOURCE ASSESSMENT; IN FUTURE STUDIES; AND AS A SOURCE OF BASELINE WATER QUALITY ANALYSES. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0119

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/27/89-05/27/89	4	8.15	8.1	8.3	7.8	0.06	0.245	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	05/27/89-05/27/89	1	211.	211.	211.	211.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/27/89-05/27/89	4	37.	36.75	37.	36.	0.25	0.5	**	**	**	**
00400	PH (STANDARD UNITS)	05/27/89-05/27/89	4	7.285	7.293	7.34	7.26	0.001	0.036	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/27/89-05/27/89	4	7.285	7.291	7.34	7.26	0.001	0.036	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/27/89-05/27/89	4	0.052	0.051	0.055	0.046	0.	0.004	**	**	**	**
72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/27/89-05/27/89	4	10760.	10760.	10760.	10760.	0.	0.	**	**	**	**
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	05/27/89-05/27/89	1	8.7	8.7	8.7	8.7	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: GRBA0119

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	4	0	0.00				4	0	0.00						
		Other-Lo Lim.	6.5	4	0	0.00				4	0	0.00						

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

Station Inventory for Station: GRBA0120

NPS Station ID: GRBA0120
LAT/LON: 38.944004/-114.297253
Agency: 11NPSWRD
Date Created: 11/21/98
Location: NORTHWEST SHORE OF JOHNSON LAKE
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): GRBA_EPA_JL4
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 10760
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WHEELER PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPO.) QUADRANGLE. THE SITE IS LOCATED AT THE NORTHWEST SHORE OF JOHNSON LAKE AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM A REPORT BY RICHARD METCALF ET AL.; "CHEMISTRY OF SELECTED LAKES AND STREAMS IN GREAT BASIN NATIONAL PARK NEVADA DURING WINTER AND SPRING 1989;" SEPTEMBER 1992. THIS REPORT WAS PREPARED UNDER A COOPERATIVE AGREEMENT BETWEEN THE NATIONAL PARK SERVICE AND THE ENVIRONMENTAL PROTECTION AGENCY IN AN EFFORT TO OBTAINA COMPLETE CHEMICAL ANALYSIS OF THE WATERS IN GRBA. THE DATA ARE MEANT TO BE USED IN PARK RESOURCE ASSESSMENT; IN FUTURE STUDIES; AND AS A SOURCE OF BASELINE WATER QUALITY ANALYSES. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0120

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/27/89-05/27/89	2	7.6	7.6	7.7	7.5	0.02	0.141	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/27/89-05/27/89	2	37.	37.	37.	37.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/27/89-05/27/89	2	8.05	8.05	8.1	8.	0.005	0.071	**	**	**	**
00400	PH (STANDARD UNITS)	05/27/89-05/27/89	2	7.31	7.31	7.32	7.3	0.	0.014	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/27/89-05/27/89	2	7.31	7.31	7.32	7.3	0.	0.014	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/27/89-05/27/89	2	0.049	0.049	0.05	0.048	0.	0.002	**	**	**	**
72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/27/89-05/27/89	2	10760.	10760.	10760.	10760.	0.	0.	**	**	**	**
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	05/27/89-05/27/89	1	13.5	13.5	13.5	13.5	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: GRBA0120

				Total	Exceed	Prop.	----------9/15-4/14----------			----------4/15-6/14----------			----------6/15-9/14----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	2	0	0.00				2	0	0.00						

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

EPA Water Quality Criteria Analysis for Station: GRBA0120

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400 PH	Fresh Chronic	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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0121

NPS Station ID: GRBA0121
LAT/LON: 38.944310/-114.357003
Agency: 11NPSWRD
Date Created: 05/30/98
Location: LUAG514
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): GRBA_NURE_071 /7071131
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 16060008
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: CENTRAL NEVADA
ECO Region:
RF1 Index: 16060008
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WHEELER PEAK; NV-WHITE PINE CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A SPRING OUTSIDE THE GREAT BASIN NATIONAL PARK BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.8 MICRON FILTER OR SMALLER AT THE SITE. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "SRL" FIELD ENTRY (SAVANNAH RIVER LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE SAVANNAH RIVER LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525. TEL. (970) 225-3516.

Parameter Inventory for Station: GRBA0121

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/09/80-07/09/80	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/09/80-07/09/80	1	8.8	8.8	8.8	8.8	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/09/80-07/09/80	1	8.8	8.8	8.8	8.8	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/09/80-07/09/80	1	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/09/80-07/09/80	1	50.	50.	50.	50.	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/09/80-07/09/80	1 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/09/80-07/09/80	1	9.7	9.7	9.7	9.7	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/09/80-07/09/80	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/09/80-07/09/80	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/09/80-07/09/80	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	07/09/80-07/09/80	1	15.	15.	15.	15.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/09/80-07/09/80	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/09/80-07/09/80	1	51.	51.	51.	51.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/09/80-07/09/80	1	31.	31.	31.	31.	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	07/09/80-07/09/80	1	7.	7.	7.	7.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	07/09/80-07/09/80	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/09/80-07/09/80	1	233.	233.	233.	233.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/09/80-07/09/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/09/80-07/09/80	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: GRBA0121

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01065	NICKEL, DISSOLVED (UG/L AS NI)	07/09/80-07/09/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	07/09/80-07/09/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/09/80-07/09/80	1	60.	60.	60.	60.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	07/09/80-07/09/80	1	11.	11.	11.	11.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/09/80-07/09/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/09/80-07/09/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01110	CERIUM, DISSOLVED (UG/L AS CE)	07/09/80-07/09/80	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/09/80-07/09/80	1	101.	101.	101.	101.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	07/09/80-07/09/80	1	3700.	3700.	3700.	3700.	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/09/80-07/09/80	1	8.	8.	8.	8.	0.	0.	**	**	**	**
01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/09/80-07/09/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/09/80-07/09/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/09/80-07/09/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0121

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	1	0	0.00							1	0	0.00			
		Drinking Water	4.	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			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: GRBA0122

NPS Station ID: GRBA0122
LAT/LON: 38.944310/-114.357392
Agency: 11NPSWRD
Date Created: 05/30/98
Location: LUAG514R
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): GRBA_NURE_070 /5077490
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 16060008
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: CENTRAL NEVADA
ECO Region:
RF1 Index: 16060008
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WHEELER PEAK; NV-WHITE PINE CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A SPRING OUTSIDE THE GREAT BASIN NATIONAL PARK BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.8 MICRON FILTER OR SMALLER AT THE SITE. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "SRL" FIELD ENTRY (SAVANNAH RIVER LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE SAVANNAH RIVER LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525. TEL. (970) 225-3516.

Parameter Inventory for Station: GRBA0122

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/09/80-07/09/80	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/09/80-07/09/80	1	8.8	8.8	8.8	8.8	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/09/80-07/09/80	1	8.8	8.8	8.8	8.8	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/09/80-07/09/80	1	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/09/80-07/09/80	1	50.	50.	50.	50.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/09/80-07/09/80	1	4.06	4.06	4.06	4.06	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	07/09/80-07/09/80	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/09/80-07/09/80	1	765.	765.	765.	765.	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	07/09/80-07/09/80	1	0.503	0.503	0.503	0.503	0.	0.	**	**	**	**
50700	FLUORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	07/09/80-07/09/80	1	238.	238.	238.	238.	0.	0.	**	**	**	**
50760	CHLORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	07/09/80-07/09/80	1	2000.	2000.	2000.	2000.	0.	0.	**	**	**	**
50761	BROMINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	07/09/80-07/09/80	1	12.6	12.6	12.6	12.6	0.	0.	**	**	**	**
82331	DYSPROSIUM, DISSOLVED AS DY IN WATER UG/L	07/09/80-07/09/80	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0122

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: GRBA0123

NPS Station ID: GRBA0123 LAT/LON: 38.948170/-114.336726 Agency: 11NPSWRD Date Created: 06/20/98
Location: WILLIAMS CK AT INTERSECTION WITH GRBA BOUNDARY FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): GRBA_OSU_WIL1
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 16060008 Depth of Water: 0 Aquifer:
Major Basin: GREAT BASIN Elevation: 8260 Water Body Id:
Minor Basin: CENTRAL NEVADA ECO Region:
RF1 Index: 16060008 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 16020301119900.00 RF3 Mile Point: 1.19 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED AT THE WHEELER PEAK NV-WHITE PINE CO. 7.5 MINUTE SERIES (TOPO.) QUADRANGLE. THE SITE IS LOCATED AT WILLIAMS CREEK AT ITS INTERSECTION WITH THE PARK BOUNDARY AND IS LOCATED WITHIN GREAT BASIN NATIONAL PARK (GRBA). THE DATA ARE FROM A REPORT BY RUTH JACOBS ET AL.; "CHEMICAL CHARACTERISTICS OF SURFACE WATERS OF GREAT BASIN NATIONAL PARK;" DECEMBER 1993. THIS REPORT WAS PREPARED IN COOPERATION WITH THE NATIONAL PARK SERVICE. THE STUDY WAS DESIGNED TO COLLECT WATER QUALITY DATA FOR THE PARK TO AID IN THE PREPARATION OF A WATER QUALITY MONITORING PROGRAM TO MEET MANAGEMENT PLAN OBJECTIVES. THE SAMPLES WERE FILTERED WITH A 1.2 UM FILTER IN THE FIELD. ICP METAL VALUES WERE UPLOADED TO STORET BUT ARE CONSIDERED TO BE SUSPECT. FOR MORE INFO. CONTACT THE CHIEF OF RESOURCES AT GRBA; BAKER NV 89311 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0123

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/21/92-08/21/92	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00064	DEPTH OF STREAM, MEAN (FT)	08/21/92-08/21/92	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/21/92-08/21/92	1	41.	41.	41.	41.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/21/92-08/21/92	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/21/92-08/21/92	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/21/92-08/21/92	1	0.032	0.032	0.032	0.032	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/21/92-08/21/92	1	31.	31.	31.	31.	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/21/92-08/21/92	1	0.007	0.007	0.007	0.007	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/21/92-08/21/92	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/21/92-08/21/92	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/21/92-08/21/92	1	0.018	0.018	0.018	0.018	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/21/92-08/21/92	1 ##	0.023	0.023	0.023	0.023	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/21/92-08/21/92	1	0.007	0.007	0.007	0.007	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/21/92-08/21/92	1	4.8	4.8	4.8	4.8	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/21/92-08/21/92	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/21/92-08/21/92	1	1.46	1.46	1.46	1.46	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/21/92-08/21/92	1	0.36	0.36	0.36	0.36	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/21/92-08/21/92	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/21/92-08/21/92	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

Parameter Inventory for Station: GRBA0123

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/21/92-08/21/92	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/21/92-08/21/92	1 ##	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/21/92-08/21/92	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/21/92-08/21/92	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/21/92-08/21/92	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	08/21/92-08/21/92	1	16.	16.	16.	16.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/21/92-08/21/92	1	105.	105.	105.	105.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	08/21/92-08/21/92	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/21/92-08/21/92	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	08/21/92-08/21/92	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	08/21/92-08/21/92	1 ##	3.	3.	3.	3.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/21/92-08/21/92	1	71.	71.	71.	71.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/21/92-08/21/92	1	130.	130.	130.	130.	0.	0.	**	**	**	**
01095	ANTIMONY, DISSOLVED (UG/L AS SB)	08/21/92-08/21/92	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01100	TIN, DISSOLVED (UG/L AS SN)	08/21/92-08/21/92	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/21/92-08/21/92	1	160.	160.	160.	160.	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	08/21/92-08/21/92	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
50098	CALCIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/21/92-08/21/92	1	14.	14.	14.	14.	0.	0.	**	**	**	**
50104	POTASSIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/21/92-08/21/92	1	0.88	0.88	0.88	0.88	0.	0.	**	**	**	**
50105	MAGNESIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/21/92-08/21/92	1	2.12	2.12	2.12	2.12	0.	0.	**	**	**	**
50108	SODIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/21/92-08/21/92	1	3.74	3.74	3.74	3.74	0.	0.	**	**	**	**
50932	SULFUR, DISSOLVED AS S MG/L	08/21/92-08/21/92	1	0.578	0.578	0.578	0.578	0.	0.	**	**	**	**
50938	ANION - CATION RATIO	08/21/92-08/21/92	1	0.91	0.91	0.91	0.91	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/21/92-08/21/92	1	31.	31.	31.	31.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/21/92-08/21/92	1	28.	28.	28.	28.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0123

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	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			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00							1	0	0.00			
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00							1	0	0.00			
		Drinking Water	50.	1	0	0.00							1	0	0.00			
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00							1	0	0.00			
		Drinking Water	5.	1	0	0.00							1	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00							1	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00							1	0	0.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00							1	0	0.00			
		Drinking Water	15.	1	0	0.00							1	0	0.00			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	1	1.00							1	1	1.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			
01095	ANTIMONY, DISSOLVED	Fresh Acute	88.	1	0	0.00							1	0	0.00			
		Drinking Water	6.	0 &	0	0.00												

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

Station Inventory for Station: GRBA0124

NPS Station ID: GRBA0124 LAT/LON: 38.948170/-114.336726 Agency: 11NPSWRD Date Created: 07/11/98
Location: WILLIAMS CREEK INTERSECTION WITH GRBA BOUNDARY FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): GRBA_NPS_WIL1
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 16060008 Depth of Water: 0 Aquifer:
Major Basin: GREAT BASIN Elevation: 8260 Water Body Id:
Minor Basin: CENTRAL NEVADA ECO Region:
RF1 Index: 16060008 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 16020301119900.00 RF3 Mile Point: 1.19 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WHEELER PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT WILLIAMS CREEK AT ITS INTERSECTION WITH THE PARK BOUNDARY AND IS LOCATED WITHIN GREAT BASIN NATIONAL PARK. THE DATA ARE FROM SEVERAL YEARLY REPORTS (1990-97) BY KURT PFAFF; PHYSICAL SCIENCE TECHNICIAN FOR GREAT BASIN NATIONAL PARK. A SURFACE WATER QUALITY MONITORING PROGRAM WAS INSTITUTED TO ACQUIRE THE DATA FROM THE PARK WATERS ON A SEMI-ANNUAL BASIS. DATA ARE INTEGRATED INTO THE PARK'S WATER RESOURCE MANAGEMENT PLAN IN ORDER TO PERPETUATE THE INHERENT NATURAL INTEGRITY OF ITS WATER-DEPENDENT ENVIRONMENTS. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0124

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/29/93-06/14/96	5	6.	4.8	7.	1.	5.7	2.387	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/29/93-06/14/96	5	40.	39.6	46.	35.	19.3	4.393	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/29/93-06/14/96	10	7.45	7.452	7.55	7.32	0.005	0.073	7.328	7.4	7.525	7.549
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/29/93-06/14/96	10	7.45	7.446	7.55	7.32	0.005	0.073	7.328	7.4	7.525	7.549
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/29/93-06/14/96	10	0.035	0.036	0.048	0.028	0.	0.006	0.028	0.03	0.04	0.047

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

EPA Water Quality Criteria Analysis for Station: GRBA0124

			Total	Exceed	Prop.	----------9/15-4/14----------			----------4/15-6/14----------			----------6/15-9/14----------			----------n/a----------		
Parameter	Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00406 PH, FIELD	Fresh Chronic	9.	10	0	0.00	4	0	0.00	4	0	0.00	2	0	0.00			
	Other-Lo Lim.	6.5	10	0	0.00	4	0	0.00	4	0	0.00	2	0	0.00			

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

Station Inventory for Station: GRBA0125

NPS Station ID: GRBA0125
LAT/LON: 38.951699/-114.301698
Agency: 11NPSWRD
Date Created: 03/06/99
Location: BAKER CREEK SPRING 4
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): GRBA_ACHEM_BCS4
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 3255
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WHEELER PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPO.) QUAD. THE SITE IS LOCATED AT A SPRING WHICH IS AT THE END OF A TRIBUTARY SOUTH OF THE MIDDLE FORK OF BAKER CREEK AND WITHIN THE BOUNDARIES OF GREAT BASIN NATIONAL PARK. THE DATA ARE FROM A MASTER'S THESIS PREPARED BY STEPHEN ACHAEMPONG; "ISOTOPE HYDROLOGY OF LEHMAN AND BAKER CREEKS DRAINAGES; GREAT BASIN NATIONAL PARK; NEVADA." THIS THESIS WAS SUBMITTED TO THE DEPARTMENT OF GEOSCIENCE; UNIVERSITY OF NEVADA; LAS VEGAS IN AUGUST OF 1992. DATA WERE COLLECTED IN ORDER TO UNDERSTAND THE RECHARGE AND MIXING MECHANISMS OF WATER RESOURCES IN THE PARK USING ENVIRONMENTALLY STABLE ISOTOPES OF DEUTERIUM AND OXYGEN-18. DATES WERE ESTIMATED AS RAW DATA WERE UNAVAILABLE. FOR MORE INFORMATION ON THE PARK CONTACT THE CHIEF OF RESOURCES AT GRBA; BAKER NV 89311-9700 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NPS WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0125

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/15/90-09/15/91	7	1.	1.114	2.3	0.	0.808	0.899	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/15/90-09/15/91	7	17.	17.429	22.	13.	13.619	3.69	**	**	**	**
82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	09/15/90-09/15/91	7	-96.	-97.143	-88.	-108.	66.81	8.174	**	**	**	**
82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	09/15/90-09/15/91	7	-14.	-13.857	-13.	-16.	1.143	1.069	**	**	**	**

** - Less than 9 observations ## - 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: GRBA0126

NPS Station ID: GRBA0126 | LAT/LON: 38.956753/-114.311004 | Agency: 11NPSWRD | Date Created: 07/11/98
Location: SNOW MELT NEAR BAKER LAKE | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): GRBA_NPS_BAKW2
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 16060008 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 0 | Water Body Id:
Minor Basin: CENTRAL NEVADA | ECO Region:
RF1 Index: 16060008 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WHEELER PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS NEAR BAKER LAKE APPROXIMATELY 40 METERS SW OF THE BAKW SITE AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THIS SAMPLE REPRESENTS MELTWATER COLLECTED UNDER DENSE SNOW. THE DATA ARE FROM SEVERAL YEARLY REPORTS (1990-97) BY KURT PFAFF; PHYSICAL SCIENCE TECHNICIAN FOR GRBA. A SURFACE WATER QUALITY MONITORING PROGRAM WAS INSTITUTED TO ACQUIRE DATA FROM THE PARK WATERS ON A SEMI-ANNUAL BASIS. DATA ARE INTEGRATED INTO THE PARK'S WATER RESOURCE MANAGEMENT PLAN IN ORDER TO PERPETUATE THE INHERENT NATURAL INTEGRITY OF ITS WATER-DEPENDENT ENVIRONMENTS. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GRBA; BAKER NV 89311-9700 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0126

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/06/95-07/06/95	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/06/95-07/06/95	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/06/95-07/06/95	2	6.305	6.305	6.33	6.28	0.001	0.035	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/06/95-07/06/95	2	6.304	6.304	6.33	6.28	0.001	0.035	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/06/95-07/06/95	2	0.496	0.496	0.525	0.468	0.002	0.04	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0126

			Total	Exceed	Prop.	9/15-4/14			4/15-6/14			6/15-9/14			n/a		
Parameter	Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00406 PH, FIELD	Fresh Chronic	9.	2	0	0.00							2	0	0.00			
	Other-Lo Lim.	6.5	2	2	1.00							2	2	1.00			

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

Station Inventory for Station: GRBA0127

NPS Station ID: GRBA0127
LAT/LON: 38.956976/-114.311143
Agency: 11NPSWRD
Date Created: 03/06/99
Location: BAKER LAKE SITE 3
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): GRBA_ACHEM_BL3
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 3240
Water Body Id:
Minor Basin: CENTRAL NEVADA
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT THE WEST END OF BAKER LAKE AND IS WITHIN THE BOUNDARIES OF GREAT BASIN NATIONAL PARK. THE DATA ARE FROM A MASTER'S THESIS PREPARED BY STEPHEN ACHAEMPONG; "ISOTOPE HYDROLOGY OF LEHMAN AND BAKER CREEKS DRAINAGES; GREAT BASIN NATIONAL PARK; NEVADA." THIS THESIS WAS SUBMITTED TO THE DEPARTMENT OF GEOSCIENCE; UNIVERSITY OF NEVADA; LAS VEGAS IN AUGUST OF 1992. THE DATA WERE COLLECTED IN ORDER TO UNDERSTAND THE RECHARGE AND MIXING MECHANISMS OF WATER RESOURCES IN THE PARK USING ENVIRONMENTALLY STABLE ISOTOPES OF DEUTERIUM AND OXYGEN-18. DATES WERE ESTIMATED AS RAW DATA WERE UNAVAILABLE. FOR MORE INFORMATION ON THE PARK CONTACT THE CHIEF OF RESOURCES AT GRBA; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0127

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/15/90-08/15/91	4	9.75	11.125	19.	6.	32.729	5.721	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/15/90-08/15/91	4	12.5	12.75	14.	12.	0.917	0.957	**	**	**	**
82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	08/15/90-08/15/91	4	-96.	-97.	-94.	-102.	12.	3.464	**	**	**	**
82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	08/15/90-08/15/91	4	-13.5	-13.25	-12.	-14.	0.917	0.957	**	**	**	**

** - Less than 9 observations ## - 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: GRBA0128

NPS Station ID: GRBA0128 | LAT/LON: 38.957254/-114.309142 | Agency: 11NPSWRD | Date Created: 11/21/98
Location: NEAR THE CENTER OF BAKER LAKE | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): GRBA_EPA_BKL7
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 10620 | Water Body Id:
Minor Basin: GREAT SALT LAKE | ECO Region:
RF1 Index: 16020301 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WHEELER PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED NEAR THE CENTER OF BAKER LAKE AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM A REPORT BY RICHARD METCALF ET AL.; "CHEMISTRY OF SELECTED LAKES AND STREAMS IN GREAT BASIN NATIONAL PARK NEVADA DURING WINTER AND SPRING 1989;" SEPTEMBER 1992. THIS REPORT WAS PREPARED UNDER A COOPERATIVE AGREEMENT BETWEEN THE NPS AND THE ENVIRONMENTAL PROTECTION AGENCY IN AN EFFORT TO OBTAIN A COMPLETE CHEMICAL ANALYSIS OF THE WATERS IN GRBA. THE DATA ARE MEANT TO BE USED IN PARK RESOURCE ASSESSMENT; IN FUTURE STUDIES; AND AS A SOURCE OF BASELINE WATER QUALITY ANALYSES. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0128

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/29/89-05/29/89	1	9.2	9.2	9.2	9.2	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/29/89-05/29/89	1	25.	25.	25.	25.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/29/89-05/29/89	1	9.2	9.2	9.2	9.2	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/29/89-05/29/89	1	7.46	7.46	7.46	7.46	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/29/89-05/29/89	1	7.46	7.46	7.46	7.46	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/29/89-05/29/89	1	0.035	0.035	0.035	0.035	0.	0.	**	**	**	**
72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/29/89-05/29/89	1	10620.	10620.	10620.	10620.	0.	0.	**	**	**	**
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	05/29/89-05/29/89	1	6.9	6.9	6.9	6.9	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: GRBA0128

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00				1	0	0.00						

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

EPA Water Quality Criteria Analysis for Station: GRBA0128

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400 PH	Fresh Chronic	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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0129

NPS Station ID: GRBA0129 LAT/LON: 38.957337/-114.308337 Agency: 11NPSWRD Date Created: 07/11/98
Location: WEST END OF ISLAND IN EAST BAY OF BAKER LAKE FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): GRBA_NPS_BAKE
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 Depth of Water: 0 Aquifer:
Major Basin: GREAT BASIN Elevation: 10620 Water Body Id:
Minor Basin: GREAT SALT LAKE ECO Region:
RF1 Index: 16020301 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 16020301119900.00 RF3 Mile Point: 1.19 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WHEELER PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT THE WEST END OF THE ISLAND IN THE EAST BAY OF BAKER LAKE AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM SEVERAL YEARLY REPORTS (1990-97) BY KURT PFAFF; PHYSICAL SCIENCE TECHNICIAN FOR GRBA. A SURFACE WATER QUALITY MONITORING PROGRAM WAS INSTITUTED TO ACQUIRE THE DATA FROM THE PARK WATERS ON A SEMI-ANNUAL BASIS. DATA ARE INTEGRATED INTO THE PARK'S WATER RESOURCE MANAGEMENT PLAN IN ORDER TO PERPETUATE THE INHERENT NATURAL INTEGRITY OF ITS WATER-DEPENDENT ENVIRONMENTS. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0129

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/09/93-06/19/97	8	4.5	4.5	10.	1.	12.571	3.546	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/09/91-06/19/97	10	16.	14.7	19.	8.	11.567	3.401	8.3	12.5	17.25	18.9
00406p	PH, FIELD, STANDARD UNITS SU	10/09/91-06/19/97	20	7.105	7.388	9.21	6.17	0.921	0.96	6.212	6.698	7.625	9.162
00406p	CONVERTED PH, FIELD, STANDARD UNITS	10/09/91-06/19/97	20	7.097	6.838	9.21	6.17	1.24	1.114	6.212	6.698	7.625	9.162
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/09/91-06/19/97	20	0.08	0.145	0.676	0.001	0.039	0.198	0.001	0.024	0.201	0.634

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

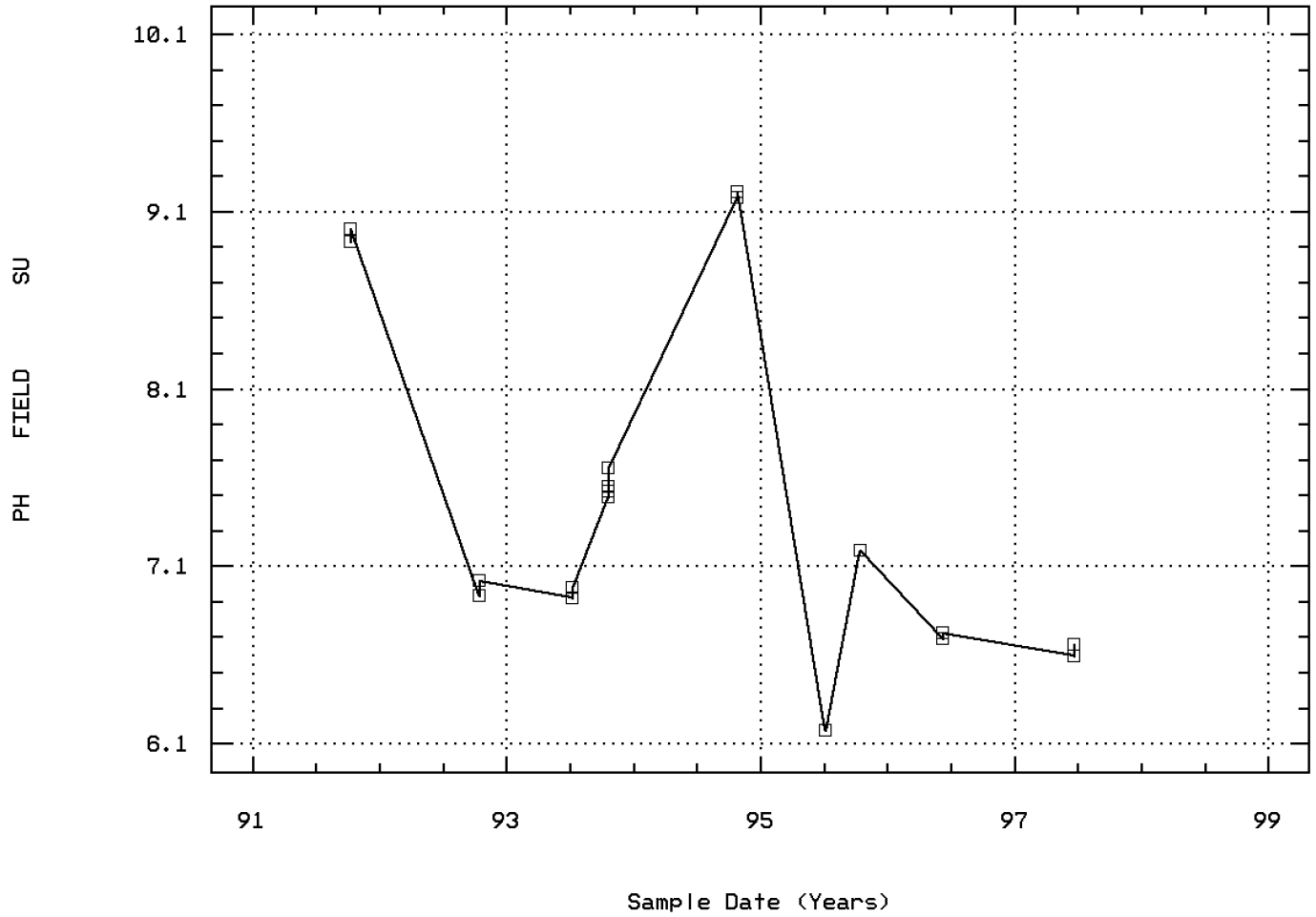
EPA Water Quality Criteria Analysis for Station: GRBA0129

			Total	Exceed	Prop.	----------9/15-4/14----------			----------4/15-6/14----------			----------6/15-9/14----------			--------------n/a--------------		
Parameter	Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00406 PH, FIELD	Fresh Chronic	9.	20	3	0.15	12	3	0.25	2	0	0.00	6	0	0.00			
	Other-Lo Lim.	6.5	20	2	0.10	12	0	0.00	2	0	0.00	6	2	0.33			

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

Station: GRBA0129 Parameter Code: 00406

PH, FIELD, STANDARD UNITS



WEST END OF ISLAND IN EAST BAY OF BAKER

Station Inventory for Station: GRBA0130

NPS Station ID: GRBA0130
LAT/LON: 38.957337/-114.308337
Agency: 11NPSWRD
Date Created: 11/21/98
Location: BAKER LAKE WEST OF SPRUCE ISLAND
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): GRBA_EPA_GBS15
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 10620
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WHEELER PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT BAKER LAKE; WEST OF SPRUCE ISLAND AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK BOUNDARY. THE DATA ARE FROM A REPORT BY RICHARD METCALF ET AL.; "CHEMISTRY OF SELECTED LAKES AND STREAMS IN GREAT BASIN NATIONAL PARK NEVADA DURING WINTER AND SPRING 1989;" SEPTEMBER 1992. THIS REPORT WAS PREPARED UNDER A COOPERATIVE AGREEMENT BETWEEN THE NATIONAL PARK SERVICE AND THE ENVIRONMENTAL PROTECTION AGENCY IN AN EFFORT TO OBTAIN A COMPLETE CHEMICAL ANALYSIS OF THE WATERS IN GRBA. THE DATA ARE MEANT TO BE USED IN PARK RESOURCE ASSESSMENT; IN FUTURE STUDIES; AND AS A SOURCE OF BASELINE WATER QUALITY ANALYSES. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-970 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0130

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/29/89-05/29/89	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/29/89-05/29/89	1	6.81	6.81	6.81	6.81	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/29/89-05/29/89	1	6.81	6.81	6.81	6.81	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/29/89-05/29/89	1	0.155	0.155	0.155	0.155	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/29/89-05/29/89	1	1.17	1.17	1.17	1.17	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	05/29/89-05/29/89	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	05/29/89-05/29/89	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/29/89-05/29/89	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/29/89-05/29/89	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/29/89-05/29/89	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/29/89-05/29/89	1	0.29	0.29	0.29	0.29	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/29/89-05/29/89	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/29/89-05/29/89	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	05/29/89-05/29/89	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	05/29/89-05/29/89	1	41.	41.	41.	41.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	05/29/89-05/29/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	05/29/89-05/29/89	1 ##	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/29/89-05/29/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	05/29/89-05/29/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

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

Parameter Inventory for Station: GRBA0130

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01040	COPPER, DISSOLVED (UG/L AS CU)	05/29/89-05/29/89	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	05/29/89-05/29/89	1 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	05/29/89-05/29/89	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/29/89-05/29/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01057	THALLIUM, DISSOLVED (UG/L AS TL)	05/29/89-05/29/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	05/29/89-05/29/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	05/29/89-05/29/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	05/29/89-05/29/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	05/29/89-05/29/89	1	7.	7.	7.	7.	0.	0.	**	**	**	**
01095	ANTIMONY, DISSOLVED (UG/L AS SB)	05/29/89-05/29/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	05/29/89-05/29/89	1	13.	13.	13.	13.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	05/29/89-05/29/89	1 ##	3.5	3.5	3.5	3.5	0.	0.	**	**	**	**
72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/29/89-05/29/89	1	10620.	10620.	10620.	10620.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0130

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00				1	0	0.00						
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00				1	0	0.00						
		Drinking Water	250.	1	0	0.00				1	0	0.00						
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00				1	0	0.00						
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00				1	0	0.00						
		Drinking Water	50.	1	0	0.00				1	0	0.00						
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00				1	0	0.00						
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	1	0	0.00				1	0	0.00						
		Drinking Water	4.	1	0	0.00				1	0	0.00						
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00				1	0	0.00						
		Drinking Water	5.	1	0	0.00				1	0	0.00						
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00				1	0	0.00						
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00				1	0	0.00						
		Drinking Water	1300.	1	0	0.00				1	0	0.00						
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00				1	0	0.00						
		Drinking Water	15.	1	0	0.00				1	0	0.00						
01057	THALLIUM, DISSOLVED	Fresh Acute	1400.	1	0	0.00				1	0	0.00						
		Drinking Water	2.	1	0	0.00				1	0	0.00						
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00				1	0	0.00						
		Drinking Water	100.	1	0	0.00				1	0	0.00						
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00				1	0	0.00						
		Drinking Water	100.	1	0	0.00				1	0	0.00						
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00				1	0	0.00						
		Drinking Water	5000.	1	0	0.00				1	0	0.00						
01095	ANTIMONY, DISSOLVED	Fresh Acute	88.	1	0	0.00				1	0	0.00						
		Drinking Water	6.	1	0	0.00				1	0	0.00						
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00				1	0	0.00						
		Drinking Water	50.	1	0	0.00				1	0	0.00						

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

Station Inventory for Station: GRBA0131

NPS Station ID: GRBA0131
LAT/LON: 38.957392/-114.309226
Agency: 11NPSWRD
Date Created: 03/06/99
Location: BAKER LAKE
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): GRBA_ACHEM_BAKL
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 3240
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WHEELER PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED NEAR THE CENTER OF BAKER LAKE AND IS WITHIN THE BOUNDARIES OF GREAT BASIN NATIONAL PARK. THE DATA ARE FROM A MASTER'S THESIS PREPARED BY STEPHEN ACHAEMPONG; "ISOTOPE HYDROLOGY OF LEHMAN AND BAKER CREEKS DRAINAGES; GREAT BASIN NATIONAL PARK; NEVADA." THIS THESIS WAS SUBMITTED TO THE DEPARTMENT OF GEOSCIENCE; UNIVERSITY OF NEVADA; LAS VEGAS IN AUGUST OF 1992. THE DATA WERE COLLECTED IN ORDER TO UNDERSTAND THE RECHARGE AND MIXING MECHANISMS OF WATER RESOURCES IN THE PARK USING ENVIRONMENTALLY STABLE ISOTOPES OF DEUTERIUM AND OXYGEN-18. FOR MORE INFORMATION ON THE PARK CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0131

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/15/91-07/15/91	4	4.	5.	12.	0.	36.	6.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/15/91-07/15/91	4	11.	11.5	13.	11.	1.	1.	**	**	**	**
82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	05/15/91-07/15/91	4	-112.	-110.75	-105.	-114.	16.25	4.031	**	**	**	**
82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	05/15/91-07/15/91	4	-15.5	-15.25	-14.	-16.	0.917	0.957	**	**	**	**

** - Less than 9 observations ## - 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: GRBA0132

NPS Station ID: GRBA0132
LAT/LON: 38.957392/-114.310977
Agency: 11NPSWRD
Date Created: 06/20/98
Location: WEST BAY OF BAKER LAKE
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): GRBA_OSU_BAKW
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 10620
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED AT THE WHEELER PEAK NV-WHITE PINE CO. 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT THE WEST BAY OF BAKER LAKE AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM A REPORT BY RUTH JACOBS ET AL.; "CHEMICAL CHARACTERISTICS OF SURFACE WATERS OF GREAT BASIN NATIONAL PARK;" DECEMBER 1993. THIS REPORT WAS PREPARED IN COOPERATION WITH THE NATIONAL PARK SERVICE. THE STUDY WAS DESIGNED TO COLLECT WATER QUALITY DATA FOR THE PARK TO AID IN THE PREPARATION OF A WATER QUALITY MONITORING PROGRAM TO MEET MANAGEMENT PLAN OBJECTIVES. THE SAMPLES WERE FILTERED WITH A 1.2 UM FILTER IN THE FIELD. ICP METAL VALUES WERE UPLOADED TO STORET BUT ARE CONSIDERED TO BE SUSPECT. FOR MORE INFO. CONTACT THE CHIEF OF RESOURCES AT GRBA; BAKER NV 89311 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0132

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/26/92-08/26/92	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/26/92-08/26/92	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/26/92-08/26/92	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/26/92-08/26/92	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/26/92-08/26/92	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/26/92-08/26/92	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/26/92-08/26/92	1	0.007	0.007	0.007	0.007	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/26/92-08/26/92	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/26/92-08/26/92	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/26/92-08/26/92	1	0.034	0.034	0.034	0.034	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/26/92-08/26/92	1 ##	0.023	0.023	0.023	0.023	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/26/92-08/26/92	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/26/92-08/26/92	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/26/92-08/26/92	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/26/92-08/26/92	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/26/92-08/26/92	1	0.34	0.34	0.34	0.34	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/26/92-08/26/92	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/26/92-08/26/92	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/26/92-08/26/92	1	2.8	2.8	2.8	2.8	0.	0.	**	**	**	**

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

Parameter Inventory for Station: GRBA0132

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/26/92-08/26/92	1 ##	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/26/92-08/26/92	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/26/92-08/26/92	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/26/92-08/26/92	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	08/26/92-08/26/92	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/26/92-08/26/92	1	69.	69.	69.	69.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	08/26/92-08/26/92	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/26/92-08/26/92	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	08/26/92-08/26/92	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	08/26/92-08/26/92	1 ##	3.	3.	3.	3.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/26/92-08/26/92	1	15.	15.	15.	15.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/26/92-08/26/92	1	93.	93.	93.	93.	0.	0.	**	**	**	**
01095	ANTIMONY, DISSOLVED (UG/L AS SB)	08/26/92-08/26/92	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01100	TIN, DISSOLVED (UG/L AS SN)	08/26/92-08/26/92	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/26/92-08/26/92	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	08/26/92-08/26/92	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
50098	CALCIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/26/92-08/26/92	1	3.01	3.01	3.01	3.01	0.	0.	**	**	**	**
50104	POTASSIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/26/92-08/26/92	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
50105	MAGNESIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/26/92-08/26/92	1	0.65	0.65	0.65	0.65	0.	0.	**	**	**	**
50108	SODIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/26/92-08/26/92	1	0.91	0.91	0.91	0.91	0.	0.	**	**	**	**
50932	SULFUR, DISSOLVED AS S MG/L	08/26/92-08/26/92	1	0.635	0.635	0.635	0.635	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/26/92-08/26/92	1	14.	14.	14.	14.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0132

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	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			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00							1	0	0.00			
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00							1	0	0.00			
		Drinking Water	50.	1	0	0.00							1	0	0.00			
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00							1	0	0.00			
		Drinking Water	5.	1	0	0.00							1	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00							1	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00							1	0	0.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00							1	0	0.00			
		Drinking Water	15.	1	0	0.00							1	0	0.00			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			
01095	ANTIMONY, DISSOLVED	Fresh Acute	88.	1	0	0.00							1	0	0.00			
		Drinking Water	6.	0 &	0	0.00												

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

Station Inventory for Station: GRBA0133

NPS Station ID: GRBA0133 | LAT/LON: 38.957392/-114.310977 | Agency: 11NPSWRD | Date Created: 07/11/98
Location: WEST BAY OF BAKER LAKE | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): GRBA_NPS_BAKW
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 10620 | Water Body Id:
Minor Basin: GREAT SALT LAKE | ECO Region:
RF1 Index: 16020301 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WHEELER PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPO.) QUADRANGLE. THE SITE IS LOCATED AT THE WEST BAY OF BAKER LAKE AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. IN 1990 THIS SITE IS IDENTIFIED AS BAKER LAKE B. THE DATA ARE FROM SEVERAL YEARLY REPORTS (1990-97) BY KURT PFAFF; PHYSICAL SCIENCE TECHNICIAN FOR GRBA. A SURFACE WATER QUALITY MONITORING PROGRAM WAS INSTITUTED TO ACQUIRE THE DATA FROM THE PARK WATERS ON A SEMI-ANNUAL BASIS. DATA ARE INTEGRATED INTO THE PARK'S WATER RESOURCE MANAGEMENT PLAN IN ORDER TO PERPETUATE THE INHERENT NATURAL INTEGRITY OF ITS WATER-DEPENDENT ENVIRONMENTS. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0133

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/26/90-06/19/97	17	28.	20.529	31.	1.	158.765	12.6	1.	5.5	30.	31.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/09/91-06/19/97	8	13.5	13.625	16.	10.	5.125	2.264	**	**	**	**
00406p	PH, FIELD, STANDARD UNITS SU	06/26/90-06/19/97	27	6.89	6.817	7.31	6.31	0.083	0.289	6.398	6.56	7.05	7.142
00406p	CONVERTED PH, FIELD, STANDARD UNITS	06/26/90-06/19/97	27	6.89	6.724	7.31	6.31	0.092	0.304	6.398	6.56	7.05	7.142
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/26/90-06/19/97	27	0.129	0.189	0.49	0.049	0.017	0.13	0.072	0.089	0.275	0.4

** - 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

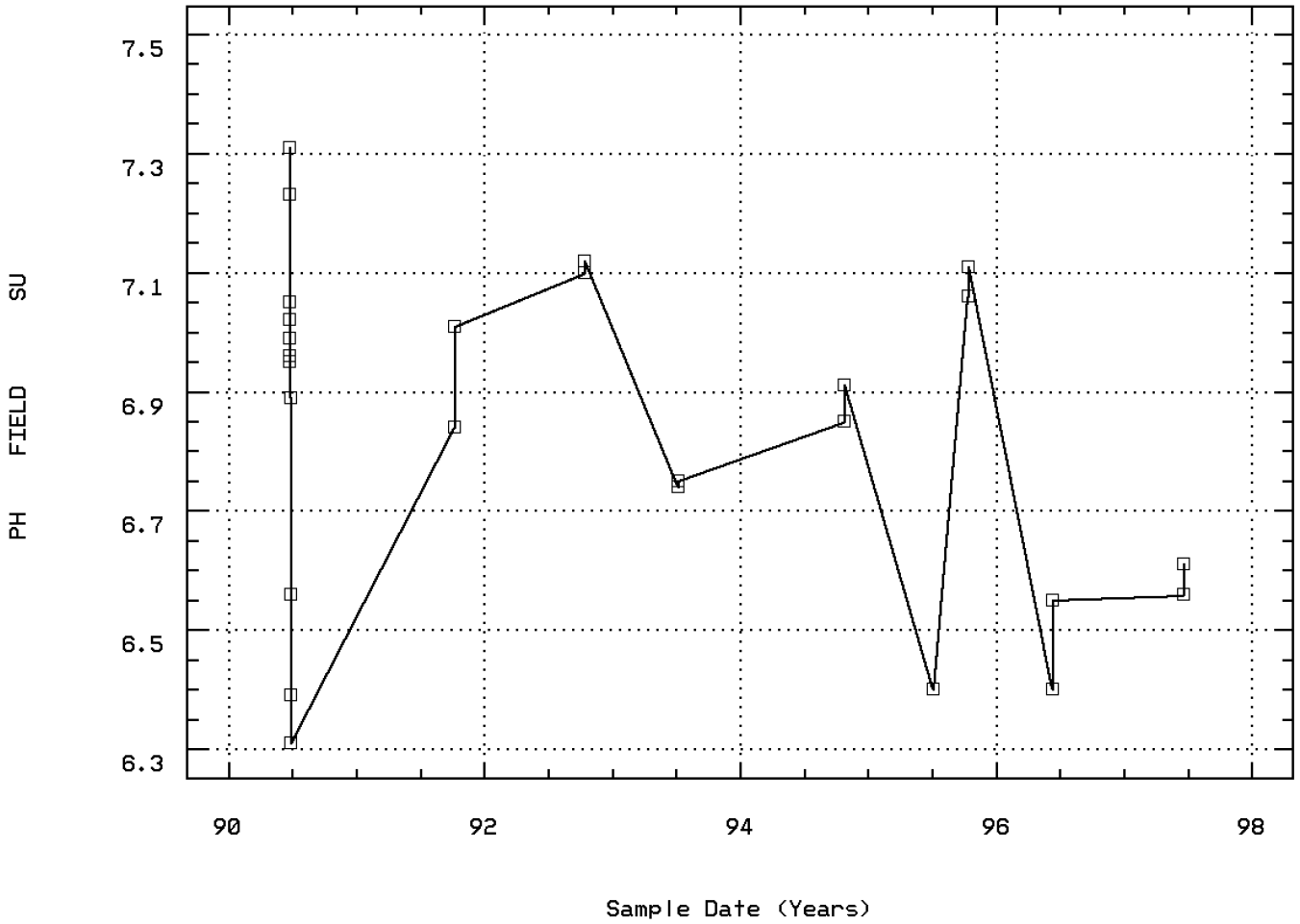
EPA Water Quality Criteria Analysis for Station: GRBA0133

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00406	PH, FIELD	Fresh Chronic	9.	27	0	0.00	8	0	0.00	2	0	0.00	17	0	0.00			
		Other-Lo Lim.	6.5	27	5	0.19	8	0	0.00	2	1	0.50	17	4	0.24			

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

Station: GRBA0133 Parameter Code: 00406

PH, FIELD, STANDARD UNITS



WEST BAY OF BAKER LAKE

Seasonal Analysis for Season #1: 9/15 to 4/14 - Station GRBA0133

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/26/90-06/19/97	2	4.	4.	4.	4.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	06/26/90-06/19/97	8	7.035	7.	7.12	6.84	0.014	0.117	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/26/90-06/19/97	8	7.034	6.986	7.12	6.84	0.014	0.118	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/26/90-06/19/97	8	0.092	0.103	0.145	0.076	0.001	0.029	**	**	**	**

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

Seasonal Analysis for Season #2: 4/15 to 6/14 - Station GRBA0133

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/26/90-06/19/97	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	06/26/90-06/19/97	2	6.475	6.475	6.55	6.4	0.011	0.106	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/26/90-06/19/97	2	6.469	6.469	6.55	6.4	0.011	0.106	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/26/90-06/19/97	2	0.34	0.34	0.398	0.282	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 box-and-whisker plot

Seasonal Analysis for Season #3: 6/15 to 9/14 - Station GRBA0133

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/26/90-06/19/97	14	29.	23.857	31.	1.	127.363	11.286	1.	23.	30.25	31.
00406	PH, FIELD, STANDARD UNITS SU	06/26/90-06/19/97	17	6.75	6.772	7.31	6.31	0.095	0.308	6.374	6.48	7.005	7.246
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/26/90-06/19/97	17	6.75	6.675	7.31	6.31	0.105	0.324	6.374	6.48	7.005	7.246
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/26/90-06/19/97	17	0.178	0.211	0.49	0.049	0.02	0.14	0.057	0.099	0.337	0.424

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

Station Inventory for Station: GRBA0134

NPS Station ID: GRBA0134
LAT/LON: 38.957392/-114.312003
Agency: 11NPSWRD
Date Created: 05/30/98
Location: LUAG519
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): GRBA_NURE_073 /7071136 /5077495
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 16060008
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: CENTRAL NEVADA
ECO Region:
RF1 Index: 16060008
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WHEELER PEAK; NV-WHITE PINE CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A SPRING INSIDE THE GREAT BASIN NATIONAL PARK BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.8 MICRON FILTER OR SMALLER AT THE SITE. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRIES WERE USED TO CREATE THE SECONDARY STATION NAMES. THE "SRL" FIELD ENTRY (SAVANNAH RIVER LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE SAVANNAH RIVER LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525. TEL. (970) 225-3516.

Parameter Inventory for Station: GRBA0134

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/19/80-07/19/80	2	9.	9.	9.	9.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/19/80-07/19/80	2	8.8	8.8	8.8	8.8	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/19/80-07/19/80	2	8.8	8.8	8.8	8.8	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/19/80-07/19/80	2	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/19/80-07/19/80	2	25.	25.	25.	25.	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/19/80-07/19/80	1 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/19/80-07/19/80	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/19/80-07/19/80	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/19/80-07/19/80	2 ##	2.065	2.065	4.08	0.05	8.12	2.85	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/19/80-07/19/80	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	07/19/80-07/19/80	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/19/80-07/19/80	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/19/80-07/19/80	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/19/80-07/19/80	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	07/19/80-07/19/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	07/19/80-07/19/80	1	8.	8.	8.	8.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/19/80-07/19/80	1	83.	83.	83.	83.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/19/80-07/19/80	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/19/80-07/19/80	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: GRBA0134

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01065	NICKEL, DISSOLVED (UG/L AS NI)	07/19/80-07/19/80	1	18.	18.	18.	18.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	07/19/80-07/19/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/19/80-07/19/80	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	07/19/80-07/19/80	2 ##	6.525	6.525	13.	0.05	83.851	9.157	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/19/80-07/19/80	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/19/80-07/19/80	2 ##	85.	85.	165.	5.	12800.	113.137	**	**	**	**
01110	CERIUM, DISSOLVED (UG/L AS CE)	07/19/80-07/19/80	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/19/80-07/19/80	1	101.	101.	101.	101.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	07/19/80-07/19/80	1	900.	900.	900.	900.	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/19/80-07/19/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/19/80-07/19/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/19/80-07/19/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/19/80-07/19/80	1	2.	2.	2.	2.	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	07/19/80-07/19/80	1	0.086	0.086	0.086	0.086	0.	0.	**	**	**	**
50760	CHLORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	07/19/80-07/19/80	1	1500.	1500.	1500.	1500.	0.	0.	**	**	**	**
82331	DYSPROSIUM, DISSOLVED AS DY IN WATER UG/L	07/19/80-07/19/80	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0134

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	2	0	0.00							2	0	0.00			
		Other-Lo Lim.	6.5	2	0	0.00							2	0	0.00			
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	1	0	0.00							1	0	0.00			
		Drinking Water	4.	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			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: GRBA0135

NPS Station ID: GRBA0135 | LAT/LON: 38.957420/-114.309477 | Agency: 11NPSWRD | Date Created: 11/21/98
Location: NEAR THE CENTER OF BAKER LAKE | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): GRBA_EPA_BKL6
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 10620 | Water Body Id:
Minor Basin: GREAT SALT LAKE | ECO Region:
RF1 Index: 16020301 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WHEELER PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED NEAR THE CENTER OF BAKER LAKE AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM A REPORT BY RICHARD METCALF ET AL.; "CHEMISTRY OF SELECTED LAKES AND STREAMS IN GREAT BASIN NATIONAL PARK NEVADA DURING WINTER AND SPRING 1989;" SEPTEMBER 1992. THIS REPORT WAS PREPARED AS A COOPERATIVE AGREEMENT BETWEEN THE NATIONAL PARK SERVICE AND THE ENVIRONMENTAL PROTECTION AGENCY IN AN EFFORT TO OBTAIN A COMPLETE CHEMICAL ANALYSIS OF THE WATERS IN GRBA. THE DATA ARE MEANT TO BE USED IN PARK RESOURCE ASSESSMENT; IN FUTURE STUDIES; AND AS A SOURCE OF BASELINE WATER QUALITY ANALYSES. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NPS WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0135

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/29/89-05/29/89	2	9.15	9.15	9.6	8.7	0.405	0.636	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/29/89-05/29/89	2	25.5	25.5	26.	25.	0.5	0.707	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/29/89-05/29/89	2	9.1	9.1	9.3	8.9	0.08	0.283	**	**	**	**
00400	PH (STANDARD UNITS)	05/29/89-05/29/89	2	7.45	7.45	7.5	7.4	0.005	0.071	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/29/89-05/29/89	2	7.447	7.447	7.5	7.4	0.005	0.071	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/29/89-05/29/89	2	0.036	0.036	0.04	0.032	0.	0.006	**	**	**	**
72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/29/89-05/29/89	2	10620.	10620.	10620.	10620.	0.	0.	**	**	**	**
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	05/29/89-05/29/89	1	6.9	6.9	6.9	6.9	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: GRBA0135

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	2	0	0.00				2	0	0.00						

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

EPA Water Quality Criteria Analysis for Station: GRBA0135

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400 PH	Fresh Chronic	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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0136

NPS Station ID: GRBA0136
LAT/LON: 38.957559/-114.308699
Agency: 11NPSWRD
Date Created: 03/06/99
Location: BAKER LAKE SITE 2
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): GRBA_ACHEM_BL2
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 3240
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WHEELER PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT THE EASTERN END OF BAKER LAKE AND IS WITHIN THE BOUNDARIES OF GREAT BASIN NATIONAL PARK. THE DATA ARE FROM A MASTER'S THESIS PREPARED BY STEPHEN ACHAEMPONG; "ISOTOPE HYDROLOGY OF LEHMAN AND BAKER CREEKS DRAINAGES; GREAT BASIN NATIONAL PARK; NEVADA." THIS THESIS WAS SUBMITTED TO THE DEPARTMENT OF GEOSCIENCE; UNIVERSITY OF NEVADA; LAS VEGAS IN AUGUST OF 1992. THE DATA WERE COLLECTED IN ORDER TO UNDERSTAND THE RECHARGE AND MIXING MECHANISMS OF WATER RESOURCES IN THE PARK USING ENVIRONMENTALLY STABLE ISOTOPES OF DEUTERIUM AND OXYGEN-18. FOR MORE INFORMATION ON THE PARK CONTACT THE CHIEF OF RESOURCES AT GRBA; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0136

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/15/90-09/15/91	5	10.5	10.76	17.3	6.	18.663	4.32	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/15/90-09/15/91	5	14.	14.2	17.	12.	3.7	1.924	**	**	**	**
82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	08/15/90-09/15/91	4	-100.	-101.	-96.	-108.	28.	5.292	**	**	**	**
82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	08/15/90-09/15/91	5	-13.	-13.4	-12.	-15.	1.3	1.14	**	**	**	**

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

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

Station Inventory for Station: GRBA0137

NPS Station ID: GRBA0137 | LAT/LON: 38.957588/-114.307642 | Agency: 11NPSWRD | Date Created: 11/21/98
Location: EAST SHORE OF BAKER LAKE | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): GRBA_EPA_BKL2
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 10620 | Water Body Id:
Minor Basin: GREAT SALT LAKE | ECO Region:
RF1 Index: 16020301 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WHEELER PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT THE EAST SHORE OF BAKER LAKE AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM A REPORT BY RICHARD METCALF ET AL.; "CHEMISTRY OF SELECTED LAKES AND STREAMS IN GREAT BASIN NATIONAL PARK NEVADA DURING WINTER AND SPRING 1989;" SEPTEMBER 1992. THIS REPORT WAS PREPARED UNDER A COOPERATIVE AGREEMENT BETWEEN THE NATIONAL PARK SERVICE AND THE ENVIRONMENTAL PROTECTION AGENCY IN AN EFFORT TO OBTAINA COMPLETE CHEMICAL ANALYSIS OF THE WATERS IN GRBA. THE DATA ARE MEANT TO BE USED IN PARK RESOURCE ASSESSMENT; IN FUTURE STUDIES; AND AS A SOURCE OF BASELINE WATER QUALITY ANALYSES. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0137

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/29/89-05/29/89	1	11.1	11.1	11.1	11.1	0.	0.	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	05/29/89-05/29/89	1	214.	214.	214.	214.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/29/89-05/29/89	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/29/89-05/29/89	1	9.2	9.2	9.2	9.2	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/29/89-05/29/89	1	7.51	7.51	7.51	7.51	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/29/89-05/29/89	1	7.51	7.51	7.51	7.51	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/29/89-05/29/89	1	0.031	0.031	0.031	0.031	0.	0.	**	**	**	**
72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/29/89-05/29/89	1	10620.	10620.	10620.	10620.	0.	0.	**	**	**	**
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	05/29/89-05/29/89	1	3.3	3.3	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: GRBA0137

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00				1	0	0.00						
00400	PH	Fresh Chronic	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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0138

NPS Station ID: GRBA0138
LAT/LON: 38.957588/-114.308948
Agency: 11NPSWRD
Date Created: 11/21/98
Location: WEST END OF BAKER LAKE
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): GRBA_EPA_BKL4
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 10620
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WHEELER PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED NEAR THE WEST END OF BAKER LAKE AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM A REPORT BY RICHARD METCALF ET AL.; "CHEMISTRY OF SELECTED LAKES AND STREAMS IN GREAT BASIN NATIONAL PARK NEVADA DURING WINTER AND SPRING 1989;" SEPTEMBER 1992. THIS REPORT WAS PREPARED UNDER A COOPERATIVE AGREEMENT BETWEEN THE NATIONAL PARK SERVICE AND THE ENVIRONMENTAL PROTECTION AGENCY IN AN EFFORT TO OBTAINA COMPLETE CHEMICAL ANALYSIS OF THE WATERS IN GRBA. THE DATA ARE MEANT TO BE USED IN PARK RESOURCE ASSESSMENT; IN FUTURE STUDIES; AND AS A SOURCE OF BASELINE WATER QUALITY ANALYSES. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0138

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/29/89-05/29/89	2	9.05	9.05	9.1	9.	0.005	0.071	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	05/29/89-05/29/89	1	218.	218.	218.	218.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/29/89-05/29/89	2	25.	25.	25.	25.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/29/89-05/29/89	2	9.65	9.65	10.	9.3	0.245	0.495	**	**	**	**
00400	PH (STANDARD UNITS)	05/29/89-05/29/89	2	7.305	7.305	7.31	7.3	0.	0.007	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/29/89-05/29/89	2	7.305	7.305	7.31	7.3	0.	0.007	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/29/89-05/29/89	2	0.05	0.05	0.05	0.049	0.	0.001	**	**	**	**
72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/29/89-05/29/89	2	10620.	10620.	10620.	10620.	0.	0.	**	**	**	**
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	05/29/89-05/29/89	1	4.5	4.5	4.5	4.5	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: GRBA0138

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	2	0	0.00				2	0	0.00						
00400	PH	Fresh Chronic	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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0139

NPS Station ID: GRBA0139 | LAT/LON: 38.957671/-114.309588 | Agency: 11NPSWRD | Date Created: 11/21/98
Location: NEAR THE CENTER OF BAKER LAKE | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): GRBA_EPA_BKL5
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 10620 | Water Body Id:
Minor Basin: GREAT SALT LAKE | ECO Region:
RF1 Index: 16020301 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WHEELER PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED NEAR THE CENTER OF BAKER LAKE AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM A REPORT BY RICHARD METCALF ET AL.; "CHEMISTRY OF SELECTED LAKES AND STREAMS IN GREAT BASIN NATIONAL PARK NEVADA DURING WINTER AND SPRING 1989;" SEPTEMBER 1992. THIS REPORT WAS PREPARED UNDER A COOPERATIVE AGREEMENT BETWEEN THE NATIONAL PARK SERVICE AND THE ENVIRONMENTAL PROTECTION AGENCY IN AN EFFORT TO OBTAINA COMPLETE CHEMICAL ANALYSIS OF THE WATERS IN GRBA. THE DATA ARE MEANT TO BE USED IN PARK RESOURCE ASSESSMENT; IN FUTURE STUDIES; AND AS A SOURCE OF BASELINE WATER QUALITY ANALYSES. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0139

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/29/89-05/29/89	2	9.3	9.3	9.3	9.3	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/29/89-05/29/89	2	25.	25.	25.	25.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/29/89-05/29/89	2	8.95	8.95	9.	8.9	0.005	0.071	**	**	**	**
00400	PH (STANDARD UNITS)	05/29/89-05/29/89	2	7.46	7.46	7.46	7.46	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/29/89-05/29/89	2	7.46	7.46	7.46	7.46	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/29/89-05/29/89	2	0.035	0.035	0.035	0.035	0.	0.	**	**	**	**
72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/29/89-05/29/89	2	10620.	10620.	10620.	10620.	0.	0.	**	**	**	**
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	05/29/89-05/29/89	1	3.9	3.9	3.9	3.9	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: GRBA0139

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	2	0	0.00				2	0	0.00						

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

EPA Water Quality Criteria Analysis for Station: GRBA0139

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400 PH	Fresh Chronic	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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0140

NPS Station ID: GRBA0140 | LAT/LON: 38.957781/-114.308309 | Agency: 11NPSWRD | Date Created: 07/11/98
Location: EAST END OF BAKER LAKE | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): GRBA_NPS_BAK90A
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 0 | Water Body Id:
Minor Basin: GREAT SALT LAKE | ECO Region:
RF1 Index: 16020301 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WHEELER PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT THE EAST END OF BAKER LAKE AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THIS SAMPLING SITE WAS REPLACED BY SITE BAKE FOR STUDIES AFTER 1990. THE DATA ARE FROM SEVERAL YEARLY REPORTS (1990-97) BY KURT PFAFF; PHYSICAL SCIENCE TECHNICIAN FOR GRBA. A SURFACE WATER QUALITY MONITORING PROGRAM WAS INSTITUTED TO ACQUIRE DATA FROM THE PARK WATERS ON A SEMI-ANNUAL BASIS. DATA ARE INTEGRATED INTO THE PARK'S WATER RESOURCE MANAGEMENT PLAN IN ORDER TO PERPETUATE THE INHERENT NATURAL INTEGRITY OF ITS WATER-DEPENDENT ENVIRONMENTS. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0140

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/26/90-06/27/90	10	28.	28.8	30.	28.	1.067	1.033	28.	28.	30.	30.
00406	PH, FIELD, STANDARD UNITS SU	06/26/90-06/27/90	10	7.3	7.345	8.02	6.96	0.14	0.375	6.961	7.	7.635	7.989
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/26/90-06/27/90	10	7.271	7.223	8.02	6.96	0.157	0.396	6.961	7.	7.635	7.989
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/26/90-06/27/90	10	0.054	0.06	0.11	0.01	0.002	0.04	0.011	0.023	0.1	0.109

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

EPA Water Quality Criteria Analysis for Station: GRBA0140

			Total	Exceed	Prop.	9/15-4/14			4/15-6/14			6/15-9/14			n/a		
Parameter	Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00406 PH, FIELD	Fresh Chronic	9.	10	0	0.00							10	0	0.00			
	Other-Lo Lim.	6.5	10	0	0.00							10	0	0.00			

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

Station Inventory for Station: GRBA0141

NPS Station ID: GRBA0141
LAT/LON: 38.957809/-114.308420
Agency: 11NPSWRD
Date Created: 11/21/98
Location: NORTHWEST SHORE OF BAKER LAKE
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): GRBA_EPA_BKL3
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 10620
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WHEELER PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT THE NORTHWEST SHORE OF BAKER LAKE AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM A REPORT BY RICHARD METCALF ET AL.; "CHEMISTRY OF SELECTED LAKES AND STREAMS IN GREAT BASIN NATIONAL PARK NEVADA DURING WINTER AND SPRING 1989;" SEPTEMBER 1992. THIS REPORT WAS PREPARED UNDER A COOPERATIVE AGREEMENT BETWEEN THE NPS AND THE ENVIRONMENTAL PROTECTION AGENCY IN AN EFFORT TO OBTAIN A COMPLETE CHEMICAL ANALYSIS OF THE WATERS IN GRBA. THE DATA ARE MEANT TO BE USED IN PARK RESOURCE ASSESSMENT; IN FUTURE STUDIES; AND AS A SOURCE OF BASELINE WATER QUALITY ANALYSES. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0141

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/29/89-05/29/89	2	11.	11.	11.	11.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/29/89-05/29/89	2	24.	24.	24.	24.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/29/89-05/29/89	2	8.8	8.8	8.9	8.7	0.02	0.141	**	**	**	**
00400	PH (STANDARD UNITS)	05/29/89-05/29/89	2	7.57	7.57	7.58	7.56	0.	0.014	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/29/89-05/29/89	2	7.57	7.57	7.58	7.56	0.	0.014	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/29/89-05/29/89	2	0.027	0.027	0.028	0.026	0.	0.001	**	**	**	**
72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/29/89-05/29/89	2	10620.	10620.	10620.	10620.	0.	0.	**	**	**	**
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	05/29/89-05/29/89	1	3.9	3.9	3.9	3.9	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: GRBA0141

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	2	0	0.00				2	0	0.00						

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

EPA Water Quality Criteria Analysis for Station: GRBA0141

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400 PH	Fresh Chronic	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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0142

NPS Station ID: GRBA0142
LAT/LON: 38.957837/-114.304670
Agency: 11NPSWRD
Date Created: 03/06/99
Location: BAKER LAKE SITE 1
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): GRBA_ACHEM_BL1
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 3240
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPO) QUAD. THE SITE IS LOCATED AT AN EPHEMERAL LAKE EAST OF BAKER LAKE THAT IS FILLED DURING PERIODS OF HIGH WATER AND IS WITHIN THE BOUNDARIES OF GREAT BASIN NATIONAL PARK. THE DATA ARE FROM A MASTER'S THESIS PREPARED BY STEPHEN ACHAEMPONG; "ISOTOPE HYDROLOGY OF LEHMAN AND BAKER CREEKS DRAINAGES; GREAT BASIN NATIONAL PARK; NEVADA." THIS THESIS WAS SUBMITTED TO THE DEPARTMENT OF GEOSCIENCE; UNIVERSITY OF NEVADA; LAS VEGAS IN AUGUST OF 1992. THE DATA WERE COLLECTED IN ORDER TO UNDERSTAND THE RECHARGE AND MIXING MECHANISMS OF WATER RESOURCES IN THE PARK USING ENVIRONMENTALLY STABLE ISOTOPES OF DEUTERIUM AND OXYGEN-18. DATES WERE ESTIMATED AS RAW DATA WERE UNAVAILABLE. FOR MORE INFOR- MATION ON THE PARK CONTACT THE CHIEF OF RESOURCES AT GRBA; BAKER NV 89311-9700 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0142

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/15/90-09/15/91	5	10.	10.24	16.2	6.	14.788	3.846	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/15/90-09/15/91	5	13.	12.8	15.	10.	3.7	1.924	**	**	**	**
82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	08/15/90-09/15/91	5	-101.	-100.8	-100.	-102.	0.7	0.837	**	**	**	**
82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	08/15/90-09/15/91	5	-14.	-14.2	-14.	-15.	0.2	0.447	**	**	**	**

** - Less than 9 observations ## - 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: GRBA0143

NPS Station ID: GRBA0143
LAT/LON: 38.957837/-114.308004
Agency: 11NPSWRD
Date Created: 11/21/98
Location: NORTHWEST SHORE OF BAKER LAKE
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): GRBA_EPA_BKL1
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 10620
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WHEELER PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT THE NORTHWEST SHORE OF BAKER LAKE AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM A REPORT BY RICHARD METCALF ET AL.; "CHEMISTRY OF SELECTED LAKES AND STREAMS IN GREAT BASIN NATIONAL PARK NEVADA DURING WINTER AND SPRING 1989;" SEPTEMBER 1992. THIS REPORT WAS PREPARED UNDER A COOPERATIVE AGREEMENT BETWEEN THE NPS AND THE ENVIRONMENTAL PROTECTION AGENCY IN AN EFFORT TO OBTAIN A COMPLETE CHEMICAL ANALYSIS OF THE WATERS IN GRBA. THE DATA ARE MEANT TO BE USED IN PARK RESOURCE ASSESSMENT; IN FUTURE STUDIES; AND AS A SOURCE OF BASELINE WATER QUALITY ANALYSES. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (702-234-7311). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0143

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/29/89-05/29/89	1	11.5	11.5	11.5	11.5	0.	0.	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	05/29/89-05/29/89	1	219.	219.	219.	219.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/29/89-05/29/89	1	25.	25.	25.	25.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/29/89-05/29/89	1	8.8	8.8	8.8	8.8	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/29/89-05/29/89	1	6.65	6.65	6.65	6.65	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/29/89-05/29/89	1	6.65	6.65	6.65	6.65	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/29/89-05/29/89	1	0.224	0.224	0.224	0.224	0.	0.	**	**	**	**
72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/29/89-05/29/89	1	10620.	10620.	10620.	10620.	0.	0.	**	**	**	**
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	05/29/89-05/29/89	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: GRBA0143

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00				1	0	0.00						
00400	PH	Fresh Chronic	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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0144

NPS Station ID: GRBA0144 | LAT/LON: 38.957837/-114.309170 | Agency: 11NPSWRD | Date Created: 11/21/98
Location: NORTHWEST END OF BAKER LAKE | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): GRBA_EPA_BKL8
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 10620 | Water Body Id:
Minor Basin: GREAT SALT LAKE | ECO Region:
RF1 Index: 16020301 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WHEELER PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT THE NORTHWEST END OF BAKER LAKE AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM A REPORT BY RICHARD METCALF ET AL.; "CHEMISTRY OF SELECTED LAKES AND STREAMS IN GREAT BASIN NATIONAL PARK NEVADA DURING WINTER AND SPRING 1989;" SEPTEMBER 1992. THIS REPORT WAS PREPARED UNDER A COOPERATIVE AGREEMENT BETWEEN THE NATIONAL PARK SERVICE AND THE ENVIRONMENTAL PROTECTION AGENCY IN AN EFFORT TO OBTAIN A COMPLETE CHEMICAL ANALYSIS OF THE WATERS IN GRBA. THE DATA ARE MEANT TO BE USED IN PARK RESOURCE ASSESSMENT; IN FUTURE STUDIES; AND AS A SOURCE OF BASELINE WATER QUALITY ANALYSES. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NPS WATER RESOURCES DIVISION; 1201 OAK RIDGE DR. SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0144

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/29/89-05/29/89	1	9.4	9.4	9.4	9.4	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/29/89-05/29/89	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/29/89-05/29/89	1	7.52	7.52	7.52	7.52	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/29/89-05/29/89	1	7.52	7.52	7.52	7.52	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/29/89-05/29/89	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/29/89-05/29/89	1	10620.	10620.	10620.	10620.	0.	0.	**	**	**	**
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	05/29/89-05/29/89	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

EPA Water Quality Criteria Analysis for Station: GRBA0144

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0145

NPS Station ID: GRBA0145 | LAT/LON: 38.958726/-114.294560 | Agency: 11NPSWRD | Date Created: 07/11/98
Location: BAKER CREEK NEAR DIESHMANN CABIN | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): GRBA_NPS_BAK901
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 0 | Water Body Id:
Minor Basin: GREAT SALT LAKE | ECO Region:
RF1 Index: 16020301 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WHEELER PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT BAKER CREEK NEAR DIESHMANN CABIN AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THIS SAMPLING SITE WAS DISCONTINUED FOR STUDIES AFTER 1990. THE DATA ARE FROM SEVERAL YEARLY REPORTS (1990-97) BY KURT PFAFF; PHYSICAL SCIENCE TECHNICIAN FOR GRBA. A SURFACE WATER QUALITY MONITORING PROGRAM WAS INSTITUTED TO ACQUIRE DATA FROM THE PARK WATERS ON A SEMI-ANNUAL BASIS. DATA ARE INTEGRATED INTO THE PARK'S WATER RESOURCE MANAGEMENT PLAN IN ORDER TO PERPETUATE THE INHERENT NATURAL INTEGRITY OF ITS WATER-DEPENDENT ENVIRONMENTS. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0145

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/27/90-06/27/90	1	30.	30.	30.	30.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	06/27/90-06/27/90	1	6.82	6.82	6.82	6.82	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/27/90-06/27/90	1	6.82	6.82	6.82	6.82	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/27/90-06/27/90	1	0.151	0.151	0.151	0.151	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0145

			Total	Exceed	Prop.	9/15-4/14			4/15-6/14			6/15-9/14			n/a		
Parameter	Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00406 PH, FIELD	Fresh Chronic	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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0146

NPS Station ID: GRBA0146
LAT/LON: 38.962587/-114.292866
Agency: 11NPSWRD
Date Created: 03/06/99
Location: BAKER CREEK 1
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): GRBA_ACHEM_BC1
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 3060
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPO.) QUADRANGLE. THE SITE IS LOCATED AT BAKER CREEK; APPROXIMATELY 1 MILE UPSTREAM OF BAKER LAKE; AND IS WITHIN THE BOUNDARIES OF GREAT BASIN NATIONAL PARK. DATA ARE FROM A MASTER'S THESIS PREPARED BY STEPHEN ACHAEMPONG; "ISOTOPE HYDROLOGY OF LEHMAN AND BAKER CREEKS DRAINAGES; GREAT BASIN NATIONAL PARK; NEVADA." THIS THESIS WAS SUBMITTED TO THE DEPARTMENT OF GEOSCIENCE; UNIVERSITY OF NEVADA; LAS VEGAS IN AUGUST OF 1992. THE DATA WERE COLLECTED IN ORDER TO UNDERSTAND THE RECHARGE AND MIXING MECHANISMS OF WATER RESOURCES IN THE PARK USING ENVIRONMENTALLY STABLE ISOTOPES OF DEUTERIUM AND OXYGEN-18. DATES WERE ESTIMATED AS RAW DATA WERE UNAVAILABLE. FOR MORE INFORMATION ON THE PARK CONTACT THE CHIEF OF RESOURCES AT GRBA; BAKER NV 89311-9700 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NPS WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0146

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/15/90-09/15/91	7	5.	4.286	8.	0.	8.571	2.928	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/15/90-09/15/91	7	9.	9.714	12.	8.	2.571	1.604	**	**	**	**
82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	08/15/90-09/15/91	7	-106.	-106.286	-101.	-112.	17.571	4.192	**	**	**	**
82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	08/15/90-09/15/91	7	-15.	-14.714	-14.	-16.	0.571	0.756	**	**	**	**

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

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

Station Inventory for Station: GRBA0147

NPS Station ID: GRBA0147
LAT/LON: 38.964809/-114.350003
Agency: 11NPSWRD
Date Created: 05/30/98
Location: LUAG504
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): GRBA_NURE_069 /7071121
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 16060008
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: CENTRAL NEVADA
ECO Region:
RF1 Index: 16060008
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WHEELER PEAK; NV-WHITE PINE CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A SPRING OUTSIDE THE GREAT BASIN NATIONAL PARK BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.8 MICRON FILTER OR SMALLER AT THE SITE. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "SRL" FIELD ENTRY (SAVANNAH RIVER LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE SAVANNAH RIVER LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525. TEL. (970) 225-3516.

Parameter Inventory for Station: GRBA0147

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/07/80-07/07/80	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/07/80-07/07/80	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/07/80-07/07/80	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/07/80-07/07/80	1	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/07/80-07/07/80	1	40.	40.	40.	40.	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/07/80-07/07/80	1 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/07/80-07/07/80	1	18.9	18.9	18.9	18.9	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/07/80-07/07/80	1	4.1	4.1	4.1	4.1	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/07/80-07/07/80	1	2.8	2.8	2.8	2.8	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/07/80-07/07/80	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	07/07/80-07/07/80	1	42.	42.	42.	42.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/07/80-07/07/80	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/07/80-07/07/80	1	93.	93.	93.	93.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/07/80-07/07/80	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	07/07/80-07/07/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	07/07/80-07/07/80	1	7.	7.	7.	7.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/07/80-07/07/80	1	207.	207.	207.	207.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/07/80-07/07/80	1	9.	9.	9.	9.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/07/80-07/07/80	1	109.	109.	109.	109.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: GRBA0147

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01065	NICKEL, DISSOLVED (UG/L AS NI)	07/07/80-07/07/80	1	8.	8.	8.	8.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	07/07/80-07/07/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/07/80-07/07/80	1	97.	97.	97.	97.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	07/07/80-07/07/80	1	13.	13.	13.	13.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/07/80-07/07/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/07/80-07/07/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01110	CERIUM, DISSOLVED (UG/L AS CE)	07/07/80-07/07/80	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/07/80-07/07/80	1	1722.	1722.	1722.	1722.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	07/07/80-07/07/80	1	8600.	8600.	8600.	8600.	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/07/80-07/07/80	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/07/80-07/07/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/07/80-07/07/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/07/80-07/07/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0147

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	1	0	0.00							1	0	0.00			
		Drinking Water	4.	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			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: GRBA0148

NPS Station ID: GRBA0148
LAT/LON: 38.964809/-114.350310
Agency: 11NPSWRD
Date Created: 05/30/98
Location: LUAG504R
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): GRBA_NURE_072 /5077480
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 16060008
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: CENTRAL NEVADA
ECO Region:
RF1 Index: 16060008
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WHEELER PEAK; NV-WHITE PINE CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A SPRING OUTSIDE THE GREAT BASIN NATIONAL PARK BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.8 MICRON FILTER OR SMALLER AT THE SITE. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "SRL" FIELD ENTRY (SAVANNAH RIVER LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE SAVANNAH RIVER LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525. TEL. (970) 225-3516.

Parameter Inventory for Station: GRBA0148

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/07/80-07/07/80	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/07/80-07/07/80	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/07/80-07/07/80	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/07/80-07/07/80	1	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/07/80-07/07/80	1	40.	40.	40.	40.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/07/80-07/07/80	1	4.47	4.47	4.47	4.47	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	07/07/80-07/07/80	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/07/80-07/07/80	1	120.	120.	120.	120.	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	07/07/80-07/07/80	1	0.125	0.125	0.125	0.125	0.	0.	**	**	**	**
50700	FLUORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	07/07/80-07/07/80	1	385.	385.	385.	385.	0.	0.	**	**	**	**
50760	CHLORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	07/07/80-07/07/80	1	1200.	1200.	1200.	1200.	0.	0.	**	**	**	**
82331	DYSPROSIUM, DISSOLVED AS DY IN WATER UG/L	07/07/80-07/07/80	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0148

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: GRBA0149

NPS Station ID: GRBA0149
LAT/LON: 38.968087/-114.284060
Agency: 11NPSWRD
Date Created: 03/06/99
Location: BAKER CREEK SPRING 3
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): GRBA_ACHEM_BCS3
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 2871
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPO.) QUADRANGLE. THE SITE IS LOCATED AT A SPRING NORTH OF BAKER CREEK; APPROXIMATELY 1.5 MILES EAST OF BAKER LAKE; AND IS WITHIN THE BOUNDARIES OF GREAT BASIN NATIONAL PARK. DATA ARE FROM A MASTER'S THESIS PREPARED BY STEPHEN ACHAEMPONG; "ISOTOPE HYDROLOGY OF LEHMAN AND BAKER CREEKS DRAINAGES; GREAT BASIN NATIONAL PARK; NEVADA." THIS THESIS WAS SUBMITTED TO THE DEPARTMENT OF GEOSCIENCE; UNIVERSITY OF NEVADA; LAS VEGAS IN AUGUST OF 1992. DATA WERE COLLECTED IN ORDER TO UNDERSTAND THE RECHARGE AND MIXING MECHANISMS OF WATER RESOURCES IN THE PARK USING ENVIRONMENTALLY STABLE ISOTOPES OF DEUTERIUM AND OXYGEN-18. DATES WERE ESTIMATED AS RAW DATA WERE UNAVAILABLE. FOR MORE INFORMATION ON THE PARK CONTACT THE CHIEF OF RESOURCES AT GRBA; BAKER NV 89311-9700 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NPS WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0149

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/15/90-09/15/91	7	3.	3.571	6.	1.	3.619	1.902	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/15/90-09/15/91	7	11.	10.714	12.	8.	2.571	1.604	**	**	**	**
82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	08/15/90-09/15/91	7	-108.	-108.143	-102.	-113.	16.143	4.018	**	**	**	**
82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	08/15/90-09/15/91	7	-15.	-15.143	-15.	-16.	0.143	0.378	**	**	**	**

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

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

Station Inventory for Station: GRBA0150

NPS Station ID: GRBA0150 | LAT/LON: 38.969920/-114.278781 | Agency: 11NPSWRD | Date Created: 03/06/99
Location: BAKER CREEK SPRING 2 | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): GRBA_ACHEM_BCS2
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 2841 | Water Body Id:
Minor Basin: GREAT SALT LAKE | ECO Region:
RF1 Index: 16020301 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPO.) QUADRANGLE. THE SITE IS LOCATED AT A SPRING NORTH OF BAKER CREEK; JUST EAST OF THE NORTH FORK OF BAKER CREEK; AND IS WITHIN THE BOUNDARIES OF GREAT BASIN NATIONAL PARK. THE DATA ARE FROM A MASTER'S THESIS PREPARED BY STEPHEN ACHAEMPONG; "ISOTOPE HYDROLOGY OF LEHMAN AND BAKER CREEKS DRAINAGES; GREAT BASIN NATIONAL PARK; NEVADA." THIS THESIS WAS SUBMITTED TO THE DEPARTMENT OF GEO- SCIENCE; UNIVERSITY OF NEVADA; LAS VEGAS IN AUGUST OF 1992. THE DATA WERE COLLECTED IN ORDER TO UNDERSTAND THE RECHARGE AND MIXING MECHANISMS OF WATER RESOURCES IN THE PARK USING ENVIRONMENTALLY STABLE ISOTOPES OF DEUTERIUM AND OXYGEN-18. DATES WERE ESTIMATED AS RAW DATA WERE UNAVAIL- ABLE. FOR MORE INFORMATION ON THE PARK CONTACT THE CHIEF OF RESOURCES AT GRBA; BAKER NV 89311-9700 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NPS WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0150

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/15/90-09/15/91	6	3.	2.8	4.	1.	1.1	1.049	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/15/90-09/15/91	6	11.	12.667	24.	9.	31.467	5.61	**	**	**	**
82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	08/15/90-08/15/91	5	-104.	-103.	-93.	-112.	47.5	6.892	**	**	**	**
82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	08/15/90-09/15/91	6	-15.	-14.667	-13.	-16.	1.067	1.033	**	**	**	**

** - 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

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

Station Inventory for Station: GRBA0151

NPS Station ID: GRBA0151
LAT/LON: 38.970698/-114.279004
Agency: 11NPSWRD
Date Created: 05/30/98
Location: LUAG518
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): GRBA_NURE_086 /7071135
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WHEELER PEAK; NV-WHITE PINE CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A SPRING INSIDE THE GREAT BASIN NATIONAL PARK BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.8 MICRON FILTER OR SMALLER AT THE SITE. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "SRL" FIELD ENTRY (SAVANNAH RIVER LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE SAVANNAH RIVER LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525. TEL. (970) 225-3516.

Parameter Inventory for Station: GRBA0151

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/19/80-07/19/80	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/19/80-07/19/80	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/19/80-07/19/80	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/19/80-07/19/80	1	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/19/80-07/19/80	1	25.	25.	25.	25.	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/19/80-07/19/80	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/19/80-07/19/80	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/19/80-07/19/80	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/19/80-07/19/80	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/19/80-07/19/80	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	07/19/80-07/19/80	1	7.	7.	7.	7.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/19/80-07/19/80	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/19/80-07/19/80	1	61.	61.	61.	61.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/19/80-07/19/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	07/19/80-07/19/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	07/19/80-07/19/80	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/19/80-07/19/80	1	21.	21.	21.	21.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/19/80-07/19/80	1	11.	11.	11.	11.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/19/80-07/19/80	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: GRBA0151

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01065	NICKEL, DISSOLVED (UG/L AS NI)	07/19/80-07/19/80	1	18.	18.	18.	18.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	07/19/80-07/19/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/19/80-07/19/80	1	14.	14.	14.	14.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	07/19/80-07/19/80	1	12.	12.	12.	12.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/19/80-07/19/80	1	37.	37.	37.	37.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/19/80-07/19/80	1	14.	14.	14.	14.	0.	0.	**	**	**	**
01110	CERIUM, DISSOLVED (UG/L AS CE)	07/19/80-07/19/80	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/19/80-07/19/80	1	101.	101.	101.	101.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	07/19/80-07/19/80	1	2700.	2700.	2700.	2700.	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/19/80-07/19/80	1	11.	11.	11.	11.	0.	0.	**	**	**	**
01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/19/80-07/19/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/19/80-07/19/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/19/80-07/19/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0151

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	1	0	0.00							1	0	0.00			
		Drinking Water	4.	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			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: GRBA0152

NPS Station ID: GRBA0152 | LAT/LON: 38.970698/-114.279115 | Agency: 11NPSWRD | Date Created: 05/30/98
Location: LUAG518R | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): GRBA_NURE_087 /5077494
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 0 | Water Body Id:
Minor Basin: GREAT SALT LAKE | ECO Region:
RF1 Index: 16020301 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WHEELER PEAK; NV-WHITE PINE CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A SPRING INSIDE THE GREAT BASIN NATIONAL PARK BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.8 MICRON FILTER OR SMALLER AT THE SITE. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "SRL" FIELD ENTRY (SAVANNAH RIVER LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE SAVANNAH RIVER LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525. TEL. (970) 225-3516.

Parameter Inventory for Station: GRBA0152

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/19/80-07/19/80	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/19/80-07/19/80	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/19/80-07/19/80	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/19/80-07/19/80	1	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/19/80-07/19/80	1	25.	25.	25.	25.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/19/80-07/19/80	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/19/80-07/19/80	1	3.34	3.34	3.34	3.34	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/19/80-07/19/80	1	28.	28.	28.	28.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	07/19/80-07/19/80	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/19/80-07/19/80	1	1715.	1715.	1715.	1715.	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	07/19/80-07/19/80	1	0.12	0.12	0.12	0.12	0.	0.	**	**	**	**
50760	CHLORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	07/19/80-07/19/80	1	1700.	1700.	1700.	1700.	0.	0.	**	**	**	**
82331	DYSPROSIUM, DISSOLVED AS DY IN WATER UG/L	07/19/80-07/19/80	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0152

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: GRBA0153

NPS Station ID: GRBA0153 LAT/LON: 38.971087/-114.275838 Agency: 11NPSWRD Date Created: 07/11/98
Location: BAKER CK S OF MARKER FOR BAKER 2 SNOW COURSE FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): GRBA_NPS_BAK1
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 Depth of Water: 0 Aquifer:
Major Basin: GREAT BASIN Elevation: 9200 Water Body Id:
Minor Basin: GREAT SALT LAKE ECO Region:
RF1 Index: 16020301 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 16020301119900.00 RF3 Mile Point: 1.19 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WHEELER PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT BAKER CREEK DUE SOUTH OF UPPER MARKER OF BAKER 2 SNOW COURSE AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM SEVERAL YEARLY REPORTS (1990-97) BY KURT PFAFF; PHYSICAL SCIENCE TECHNICIAN FOR GRBA. A SURFACE WATER QUALITY MONITORING PROGRAM WAS INSTITUTED TO ACQUIRE THE DATA FROM THE PARK WATERS ON A SEMI-ANNUAL BASIS. DATA ARE INTEGRATED INTO THE PARK'S WATER RESOURCE MANAGEMENT PLAN IN ORDER TO PERPETUATE THE INHERENT NATURAL INTEGRITY OF ITS WATER-DEPENDENT ENVIRONMENTS. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0153

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/09/93-06/19/97	6	4.5	4.5	7.	2.	3.5	1.871	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/09/91-06/19/97	8	18.5	19.5	24.	16.	11.714	3.423	**	**	**	**
00406p	PH, FIELD, STANDARD UNITS SU	10/09/91-06/19/97	16	6.99	6.994	7.21	6.76	0.021	0.146	6.767	6.885	7.12	7.21
00406p	CONVERTED PH, FIELD, STANDARD UNITS	10/09/91-06/19/97	16	6.989	6.971	7.21	6.76	0.022	0.148	6.767	6.885	7.12	7.21
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/09/91-06/19/97	16	0.103	0.107	0.174	0.062	0.001	0.036	0.062	0.076	0.13	0.171

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

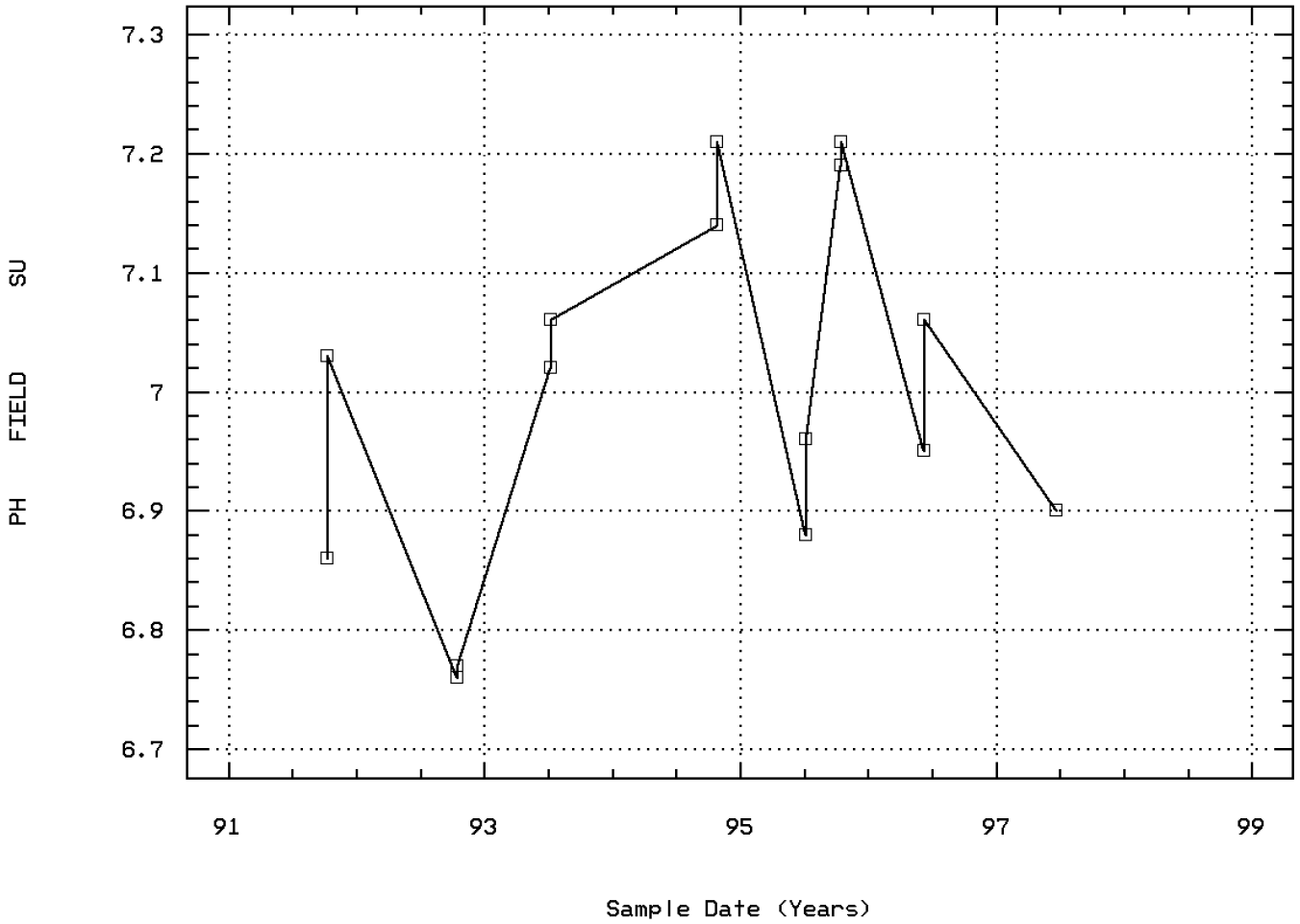
EPA Water Quality Criteria Analysis for Station: GRBA0153

			Total	Exceed	Prop.	----------9/15-4/14----------			----------4/15-6/14----------			----------6/15-9/14----------			----------n/a----------		
Parameter	Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00406 PH, FIELD	Fresh Chronic	9.	16	0	0.00	8	0	0.00	2	0	0.00	6	0	0.00			
	Other-Lo Lim.	6.5	16	0	0.00	8	0	0.00	2	0	0.00	6	0	0.00			

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

Station: GRBA0153 Parameter Code: 00406

PH, FIELD, STANDARD UNITS



BAKER CK S OF MARKER FOR BAKER 2 SNOW C

Station Inventory for Station: GRBA0154

NPS Station ID: GRBA0154 LAT/LON: 38.972448/-114.245226 Agency: 11NPSWRD Date Created: 06/20/98
Location: TIMBER CREEK ABOVE UPPER BAKER DRIFT FENCE FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): GRBA_OSU_TIMB
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 Depth of Water: 0 Aquifer:
Major Basin: GREAT BASIN Elevation: 8150 Water Body Id:
Minor Basin: GREAT SALT LAKE ECO Region:
RF1 Index: 16020301 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 16020301119900.00 RF3 Mile Point: 1.19 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED AT THE KIOUS SPRING NV-WHITE PINE CO. 7.5 MINUTE SERIES (TOPO.) QUADRANGLE. THE SITE IS LOCATED AT TIMBER CREEK ABOVE THE UPPER BAKER DRIFT FENCE AND IS LOCATED WITHIN GREAT BASIN NATIONAL PARK (GRBA). THE DATA ARE FROM A REPORT BY RUTH JACOBS ET AL.; "CHEMICAL CHARACTERISTICS OF SURFACE WATERS OF GREAT BASIN NATIONAL PARK;" DECEMBER 1993. THIS REPORT WAS PREPARED IN COOPERATION WITH THE NATIONAL PARK SERVICE. THE STUDY WAS DESIGNED TO COLLECT WATER QUALITY DATA FOR THE PARK TO AID IN THE PREPARATION OF A WATER QUALITY MONITORING PROGRAM TO MEET MANAGEMENT PLAN OBJECTIVES. THE SAMPLES WERE FILTERED WITH A 1.2 UM FILTER IN THE FIELD. ICP METAL VALUES WERE UPLOADED TO STORET BUT ARE CONSIDERED TO BE SUSPECT. FOR MORE INFO. CONTACT THE CHIEF OF RESOURCES AT GRBA; BAKER NV 89311 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0154

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/18/92-08/18/92	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00064	DEPTH OF STREAM, MEAN (FT)	08/18/92-08/18/92	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/18/92-08/18/92	1	148.	148.	148.	148.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/18/92-08/18/92	1	8.6	8.6	8.6	8.6	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/18/92-08/18/92	1	8.6	8.6	8.6	8.6	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/18/92-08/18/92	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/18/92-08/18/92	1	130.	130.	130.	130.	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/18/92-08/18/92	1	0.012	0.012	0.012	0.012	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/18/92-08/18/92	1	0.14	0.14	0.14	0.14	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/18/92-08/18/92	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/18/92-08/18/92	1	0.027	0.027	0.027	0.027	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/18/92-08/18/92	1 ##	0.023	0.023	0.023	0.023	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/18/92-08/18/92	1	0.007	0.007	0.007	0.007	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/18/92-08/18/92	1	19.8	19.8	19.8	19.8	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/18/92-08/18/92	1	3.3	3.3	3.3	3.3	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/18/92-08/18/92	1	7.75	7.75	7.75	7.75	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/18/92-08/18/92	1	0.99	0.99	0.99	0.99	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/18/92-08/18/92	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/18/92-08/18/92	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

Parameter Inventory for Station: GRBA0154

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/18/92-08/18/92	1	1.9	1.9	1.9	1.9	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/18/92-08/18/92	1 ##	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/18/92-08/18/92	1	39.	39.	39.	39.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/18/92-08/18/92	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/18/92-08/18/92	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	08/18/92-08/18/92	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/18/92-08/18/92	1	72.	72.	72.	72.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	08/18/92-08/18/92	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/18/92-08/18/92	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	08/18/92-08/18/92	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	08/18/92-08/18/92	1 ##	3.	3.	3.	3.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/18/92-08/18/92	1	261.	261.	261.	261.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/18/92-08/18/92	1	105.	105.	105.	105.	0.	0.	**	**	**	**
01095	ANTIMONY, DISSOLVED (UG/L AS SB)	08/18/92-08/18/92	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01100	TIN, DISSOLVED (UG/L AS SN)	08/18/92-08/18/92	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/18/92-08/18/92	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	08/18/92-08/18/92	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
50098	CALCIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/18/92-08/18/92	1	48.88	48.88	48.88	48.88	0.	0.	**	**	**	**
50104	POTASSIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/18/92-08/18/92	1	1.88	1.88	1.88	1.88	0.	0.	**	**	**	**
50105	MAGNESIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/18/92-08/18/92	1	8.35	8.35	8.35	8.35	0.	0.	**	**	**	**
50108	SODIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/18/92-08/18/92	1	18.03	18.03	18.03	18.03	0.	0.	**	**	**	**
50932	SULFUR, DISSOLVED AS S MG/L	08/18/92-08/18/92	1	3.754	3.754	3.754	3.754	0.	0.	**	**	**	**
50938	ANION - CATION RATIO	08/18/92-08/18/92	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/18/92-08/18/92	1	114.	114.	114.	114.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/18/92-08/18/92	1	117.	117.	117.	117.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0154

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	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			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00							1	0	0.00			
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00							1	0	0.00			
		Drinking Water	50.	1	0	0.00							1	0	0.00			
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00							1	0	0.00			
		Drinking Water	5.	1	0	0.00							1	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00							1	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00							1	0	0.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00							1	0	0.00			
		Drinking Water	15.	1	0	0.00							1	0	0.00			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			
01095	ANTIMONY, DISSOLVED	Fresh Acute	88.	1	0	0.00							1	0	0.00			
		Drinking Water	6.	0 &	0	0.00												

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

Station Inventory for Station: GRBA0155

NPS Station ID: GRBA0155 | LAT/LON: 38.972837/-114.270116 | Agency: 11NPSWRD | Date Created: 07/11/98
Location: BAKER CREEK NEAR 9000 FEET ELEVATION | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): GRBA_NPS_BAK902
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 0 | Water Body Id:
Minor Basin: GREAT SALT LAKE | ECO Region:
RF1 Index: 16020301 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WHEELER PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT BAKER CREEK NEAR ELEV. 9000' AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THIS SAMPLING SITE WAS REPLACED BY SITE BAK1 FOR STUDIES AFTER 1990. THE DATA ARE FROM SEVERAL YEARLY REPORTS (1990-97) BY KURT PFAFF; PHYSICAL SCIENCE TECHNICIAN FOR GRBA. A SURFACE WATER QUALITY MONITORING PROGRAM WAS INSTITUTED TO ACQUIRE DATA FROM THE PARK WATERS ON A SEMI-ANNUAL BASIS. DATA ARE INTEGRATED INTO THE PARK'S WATER RESOURCE MANAGEMENT PLAN IN ORDER TO PERPETUATE THE INHERENT NATURAL INTEGRITY OF ITS WATER-DEPENDENT ENVIRONMENTS. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0155

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/27/90-06/27/90	1	30.	30.	30.	30.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	06/27/90-06/27/90	1	6.59	6.59	6.59	6.59	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/27/90-06/27/90	1	6.59	6.59	6.59	6.59	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/27/90-06/27/90	1	0.257	0.257	0.257	0.257	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0155

			Total	Exceed	Prop.	9/15-4/14			4/15-6/14			6/15-9/14			n/a		
Parameter	Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00406 PH, FIELD	Fresh Chronic	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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0156

NPS Station ID: GRBA0156
LAT/LON: 38.973337/-114.248059
Agency: 11NPSWRD
Date Created: 08/15/98
Location: BAKER CREEK #2
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): GRBA_USGS_BCK2
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE KIOUS SPRING NV 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED ON BAKER CREEK AND IS WITHIN THE BOUNDARIES OF GREAT BASIN NATIONAL PARK. THE DATA ARE FROMA REPORT BY THE U.S. GEOLOGICAL SURVEY; "GREAT BASIN PARK SEEPAGE RUN; SEPTEMBER 1-3; 1992"; AND CAN ALSO BE FOUND IN THE 1992 ANNUAL WATER DATA OF NEVADA REPORT. THE PURPOSE OF THIS REPORT WAS TO DOCUMENT GAINING AND LOSING REACHES OF STREAMS DURING A PERIOD OF SUSTAINED LOW FLOW IN THE PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0156

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/01/92-09/01/92	1	8.5	8.5	8.5	8.5	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/01/92-09/01/92	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/01/92-09/01/92	1	41.	41.	41.	41.	0.	0.	**	**	**	**

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

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

Station Inventory for Station: GRBA0157

NPS Station ID: GRBA0157 LAT/LON: 38.973920/-114.247226 Agency: 11NPSWRD Date Created: 06/20/98
Location: S FORK BAKER CK ABOVE UPPER BAKER DRIFT FENCE FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): GRBA_OSU_SFBC
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 Depth of Water: 0 Aquifer:
Major Basin: GREAT BASIN Elevation: 8130 Water Body Id:
Minor Basin: GREAT SALT LAKE ECO Region:
RF1 Index: 16020301 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 16020301119900.00 RF3 Mile Point: 1.19 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED AT THE KIOUS SPRING NV-WHITE PINE CO. 7.5 MINUTE SERIES (TOPO.) QUADRANGLE. THE SITE IS LOCATED AT THE SOUTH FORK OF BAKER CREEK ABOVE THE DRIFT FENCE AND IS LOCATED WITHIN GREAT BASIN NATIONAL PARK (GRBA). THE DATA ARE FROM A REPORT BY RUTH JACOBS ET AL.; "CHEMICAL CHARACTERISTICS OF SURFACE WATERS OF GREAT BASIN NATIONAL PARK;" DECEMBER 1993. THIS REPORT WAS PREPARED IN COOPERATION WITH THE NATIONAL PARK SERVICE. THE STUDY WAS DESIGNED TO COLLECT WATER QUALITY DATA FOR THE PARK TO AID IN THE PREPARATION OF A WATER QUALITY MONITORING PROGRAM TO MEET MANAGEMENT PLAN OBJECTIVES. THE SAMPLES WERE FILTERED WITH A 1.2 UM FILTER IN THE FIELD. ICP METAL VALUES WERE UPLOADED TO STORET BUT ARE CONSIDERED TO BE SUSPECT. FOR MORE INFO. CONTACT THE CHIEF OF RESOURCES AT GRBA; BAKER NV 89311 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0157

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/18/92-08/18/92	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00064	DEPTH OF STREAM, MEAN (FT)	08/18/92-08/18/92	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/18/92-08/18/92	1	45.	45.	45.	45.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/18/92-08/18/92	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/18/92-08/18/92	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/18/92-08/18/92	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/18/92-08/18/92	1	39.	39.	39.	39.	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/18/92-08/18/92	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/18/92-08/18/92	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/18/92-08/18/92	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/18/92-08/18/92	1	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/18/92-08/18/92	1 ##	0.023	0.023	0.023	0.023	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/18/92-08/18/92	1	0.007	0.007	0.007	0.007	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/18/92-08/18/92	1	4.8	4.8	4.8	4.8	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/18/92-08/18/92	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/18/92-08/18/92	1	2.58	2.58	2.58	2.58	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/18/92-08/18/92	1	0.46	0.46	0.46	0.46	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/18/92-08/18/92	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/18/92-08/18/92	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: GRBA0157

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/18/92-08/18/92	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/18/92-08/18/92	1 ##	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/18/92-08/18/92	1	22.	22.	22.	22.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/18/92-08/18/92	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/18/92-08/18/92	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	08/18/92-08/18/92	1	17.	17.	17.	17.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/18/92-08/18/92	1	140.	140.	140.	140.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	08/18/92-08/18/92	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/18/92-08/18/92	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	08/18/92-08/18/92	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	08/18/92-08/18/92	1 ##	3.	3.	3.	3.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/18/92-08/18/92	1	109.	109.	109.	109.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/18/92-08/18/92	1	207.	207.	207.	207.	0.	0.	**	**	**	**
01095	ANTIMONY, DISSOLVED (UG/L AS SB)	08/18/92-08/18/92	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01100	TIN, DISSOLVED (UG/L AS SN)	08/18/92-08/18/92	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/18/92-08/18/92	1	181.	181.	181.	181.	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	08/18/92-08/18/92	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
50098	CALCIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/18/92-08/18/92	1	14.52	14.52	14.52	14.52	0.	0.	**	**	**	**
50104	POTASSIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/18/92-08/18/92	1	1.08	1.08	1.08	1.08	0.	0.	**	**	**	**
50105	MAGNESIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/18/92-08/18/92	1	2.84	2.84	2.84	2.84	0.	0.	**	**	**	**
50108	SODIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/18/92-08/18/92	1	7.38	7.38	7.38	7.38	0.	0.	**	**	**	**
50932	SULFUR, DISSOLVED AS S MG/L	08/18/92-08/18/92	1	1.423	1.423	1.423	1.423	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/18/92-08/18/92	1	46.	46.	46.	46.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/18/92-08/18/92	1	34.	34.	34.	34.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0157

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	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			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00							1	0	0.00			
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00							1	0	0.00			
		Drinking Water	50.	1	0	0.00							1	0	0.00			
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00							1	0	0.00			
		Drinking Water	5.	1	0	0.00							1	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00							1	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00							1	0	0.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00							1	0	0.00			
		Drinking Water	15.	1	0	0.00							1	0	0.00			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	1	1.00							1	1	1.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			
01095	ANTIMONY, DISSOLVED	Fresh Acute	88.	1	0	0.00							1	0	0.00			
		Drinking Water	6.	0 &	0	0.00												

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

Station Inventory for Station: GRBA0158

NPS Station ID: GRBA0158
LAT/LON: 38.974392/-114.250226
Agency: 11NPSWRD
Date Created: 03/06/99
Location: BAKER CREEK 2
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): GRBA_ACHEM_BC2
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 2862
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPO.) QUADRANGLE. THE SITE IS LOCATED AT BAKER CREEK JUST WEST OF THE SOUTH FORK TRIBUTARY AND IS WITHIN THE BOUNDARIES OF GREAT BASIN NATIONAL PARK. THE DATA ARE FROM A MASTER'S THESIS PREPARED BY STEPHEN ACHAEMPONG; "ISOTOPE HYDROLOGY OF LEHMAN AND BAKER CREEKS DRAINAGES; GREAT BASIN NATIONAL PARK; NEVADA." THIS THESIS WAS SUBMITTED TO THE DEPARTMENT OF GEOSCIENCE; UNIVERSITY OF NEVADA; LAS VEGAS IN AUGUST OF 1992. THE DATA WERE COLLECTED IN ORDER TO UNDERSTAND THE RECHARGE AND MIXING MECHANISMS OF WATER RESOURCES IN THE PARK USING ENVIRONMENTALLY STABLE ISOTOPES OF DEUTERIUM AND OXYGEN-18. DATES WERE ESTIMATED AS RAW DATA WERE UNAVAILABLE. FOR MORE INFORMATION ON THE PARK CONTACT THE CHIEF OF RESOURCES AT GRBA; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NPS WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0158

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/15/90-09/15/91	6	4.	4.083	8.	1.5	5.442	2.333	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/15/90-09/15/91	6	13.	12.5	14.	11.	1.5	1.225	**	**	**	**
82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	08/15/90-09/15/91	6	-108.	-108.333	-104.	-112.	11.867	3.445	**	**	**	**
82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	08/15/90-09/15/91	6	-15.	-15.	-15.	-15.	0.	0.	**	**	**	**

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

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

Station Inventory for Station: GRBA0159

NPS Station ID: GRBA0159
LAT/LON: 38.974448/-114.248892
Agency: 11NPSWRD
Date Created: 08/15/98
Location: BAKER CREEK #1
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): GRBA_USGS_BCK1
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE KIOUS SPRING NV 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED ON BAKER CREEK AND IS WITHIN THE BOUNDARIES OF GREAT BASIN NATIONAL PARK. THE DATA ARE FROMA REPORT BY THE U.S. GEOLOGICAL SURVEY; "GREAT BASIN PARK SEEPAGE RUN; SEPTEMBER 1-3; 1992"; AND CAN ALSO BE FOUND IN THE 1992 ANNUAL WATER DATA OF NEVADA REPORT. THE PURPOSE OF THIS REPORT WAS TO DOCUMENT GAINING AND LOSING REACHES OF STREAMS DURING A PERIOD OF SUSTAINED LOW FLOW IN THE PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0159

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/01/92-09/01/92	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/01/92-09/01/92	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/01/92-09/01/92	1	22.	22.	22.	22.	0.	0.	**	**	**	**

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

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

Station Inventory for Station: GRBA0160

NPS Station ID: GRBA0160
LAT/LON: 38.975281/-114.243615
Agency: 11NPSWRD
Date Created: 08/15/98
Location: BAKER CREEK #4
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): GRBA_USGS_BCK4
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE KIOUS SPRING NV 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED ON BAKER CREEK AND IS WITHIN THE BOUNDARIES OF GREAT BASIN NATIONAL PARK. THE DATA ARE FROMA REPORT BY THE U.S. GEOLOGICAL SURVEY; "GREAT BASIN PARK SEEPAGE RUN; SEPTEMBER 1-3; 1992"; AND CAN ALSO BE FOUND IN THE 1992 ANNUAL WATER DATA OF NEVADA REPORT. THE PURPOSE OF THIS REPORT WAS TO DOCUMENT GAINING AND LOSING REACHES OF STREAMS DURING A PERIOD OF SUSTAINED LOW FLOW IN THE PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0160

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/01/92-09/01/92	1	8.5	8.5	8.5	8.5	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/01/92-09/01/92	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/01/92-09/01/92	1	41.	41.	41.	41.	0.	0.	**	**	**	**

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

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

Station Inventory for Station: GRBA0161

NPS Station ID: GRBA0161
LAT/LON: 38.975726/-114.273754
Agency: 11NPSWRD
Date Created: 03/06/99
Location: BAKER CREEK SPRING 1
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): GRBA_ACHEM_BCS1
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 2841
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPO.) QUADRANGLE. THE SITE IS LOCATED AT A SPRING NORTH OF BAKER CREEK; APPROXIMATELY 0.5 MILES EAST OF THE NORTH FORK OF BAKER CREEK; AND IS WITHIN THE BOUNDARIES OF GREAT BASIN NATIONAL PARK. DATA ARE FROM A MASTER'S THESIS PREPARED BY STEPHEN ACHAEMPONG; "ISOTOPE HYDROLOGY OF LEHMAN AND BAKER CREEKS DRAINAGES; GREAT BASIN NATIONAL PARK; NEVADA." THIS THESIS WAS SUBMITTED TO THE DEPARTMENT OF GEOSCIENCE; UNIVERSITY OF NEVADA; LAS VEGAS IN AUGUST OF 1992. THE DATA WERE COLLECTED IN ORDER TO UNDERSTAND THE RECHARGE AND MIXING MECHANISMS OF WATER RESOURCES IN THE PARK USING ENVIRONMENTALLY STABLE ISOTOPES OF DEUTERIUM AND OXYGEN-18. DATES WERE ESTIMATED AS RAW DATA WERE UNAVAIL- ABLE. FOR MORE INFORMATION ON THE PARK CONTACT THE CHIEF OF RESOURCES AT GRBA; BAKER NV 89311-9700 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NPS WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0161

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/15/90-09/15/91	8	3.5	3.375	4.	2.	0.554	0.744	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/15/90-09/15/91	8	13.5	13.375	18.	8.	14.268	3.777	**	**	**	**
82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	08/15/90-09/15/91	8	-106.	-106.25	-102.	-111.	10.786	3.284	**	**	**	**
82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	08/15/90-09/15/91	8	-15.	-14.625	-14.	-15.	0.268	0.518	**	**	**	**

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

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

Station Inventory for Station: GRBA0162

NPS Station ID: GRBA0162 | LAT/LON: 38.976031/-114.244838 | Agency: 11NPSWRD | Date Created: 07/11/98
Location: BAKER CREEK NEAR BAKER TRAILHEAD | | FIPS State/County: 32033 NEVADA/WHITE PINE |
Station Type: /TYPA/AMBNT/STREAM | | STORET Station ID(s): GRBA_NPS_BAK903 |
RMI-Indexes: | | Within Park Boundary: Yes |
RMI-Miles: | | |
HUC: 16020301 | Depth of Water: 0 | Aquifer: |
Major Basin: GREAT BASIN | Elevation: 0 | Water Body Id: |
Minor Basin: GREAT SALT LAKE | | ECO Region: |
RF1 Index: 16020301 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:

Description:
THE STATION IS LOCATED ON THE KIOUS SPRING NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT BAKER CREEK NEAR BAKER TRAILHEAD AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THIS SAMPLING SITE WAS REPLACED BY SITE BAK2 FOR STUDIES AFTER 1990. THE DATA ARE FROM SEVERAL YEARLY REPORTS (1990-97) BY KURT PFAFF; PHYSICAL SCIENCE TECHNICIAN FOR GRBA. A SURFACE WATER QUALITY MONITORING PROGRAM WAS INSTITUTED TO ACQUIRE DATA FROM THE PARK WATERS ON A SEMI-ANNUAL BASIS. DATA ARE INTEGRATED INTO THE PARK'S WATER RESOURCE MANAGEMENT PLAN IN ORDER TO PERPETUATE THE INHERENT NATURAL INTEGRITY OF ITS WATER-DEPENDENT ENVIRONMENTS. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0162

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/27/90-06/27/90	1	30.	30.	30.	30.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	06/27/90-06/27/90	1	6.67	6.67	6.67	6.67	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/27/90-06/27/90	1	6.67	6.67	6.67	6.67	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/27/90-06/27/90	1	0.214	0.214	0.214	0.214	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0162

			Total	Exceed	Prop.	9/15-4/14			4/15-6/14			6/15-9/14			n/a		
Parameter	Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00406 PH, FIELD	Fresh Chronic	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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0163

NPS Station ID: GRBA0163
LAT/LON: 38.976031/-114.244838
Agency: 11NPSWRD
Date Created: 11/21/98
Location: BAKER CREEK ABOVE BAKER TRAILHEAD
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): GRBA_EPA_GBS21
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 8000
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE KIOUS SPRING NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT BAKER CREEK ABOVE BAKER TRAILHEAD AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM A REPORT BY RICHARD METCALF ET AL.; "CHEMISTRY OF SELECTED LAKES AND STREAMS IN GREAT BASIN NATIONAL PARK NEVADA DURING WINTER AND SPRING 1989;" SEPTEMBER 1992. THIS REPORT WAS PREPARED UNDER A COOPERATIVE AGREEMENT BETWEEN THE NPS AND THE ENVIRONMENTAL PROTECTION AGENCY IN AN EFFORT TO OBTAIN A COMPLETE CHEMICAL ANALYSIS OF THE WATERS IN GRBA. THE DATA ARE MEANT TO BE USED IN PARK RESOURCE ASSESSMENT; IN FUTURE STUDIES; AND AS A SOURCE OF BASELINE WATER QUALITY ANALYSES. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0163

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/30/89-05/30/89	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/30/89-05/30/89	1	6.92	6.92	6.92	6.92	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/30/89-05/30/89	1	6.92	6.92	6.92	6.92	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/30/89-05/30/89	1	0.12	0.12	0.12	0.12	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/30/89-05/30/89	1	0.21	0.21	0.21	0.21	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	05/30/89-05/30/89	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	05/30/89-05/30/89	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/30/89-05/30/89	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/30/89-05/30/89	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/30/89-05/30/89	1	0.68	0.68	0.68	0.68	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/30/89-05/30/89	1	0.21	0.21	0.21	0.21	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/30/89-05/30/89	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/30/89-05/30/89	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	05/30/89-05/30/89	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	05/30/89-05/30/89	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	05/30/89-05/30/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	05/30/89-05/30/89	1 ##	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/30/89-05/30/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	05/30/89-05/30/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

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

Parameter Inventory for Station: GRBA0163

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01040	COPPER, DISSOLVED (UG/L AS CU)	05/30/89-05/30/89	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	05/30/89-05/30/89	1 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	05/30/89-05/30/89	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/30/89-05/30/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01057	THALLIUM, DISSOLVED (UG/L AS TL)	05/30/89-05/30/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	05/30/89-05/30/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	05/30/89-05/30/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	05/30/89-05/30/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	05/30/89-05/30/89	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01095	ANTIMONY, DISSOLVED (UG/L AS SB)	05/30/89-05/30/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	05/30/89-05/30/89	1	63.	63.	63.	63.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	05/30/89-05/30/89	1 ##	3.	3.	3.	3.	0.	0.	**	**	**	**
72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/30/89-05/30/89	1	8000.	8000.	8000.	8000.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0163

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00				1	0	0.00						
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00				1	0	0.00						
		Drinking Water	250.	1	0	0.00				1	0	0.00						
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00				1	0	0.00						
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00				1	0	0.00						
		Drinking Water	50.	1	0	0.00				1	0	0.00						
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00				1	0	0.00						
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	1	0	0.00				1	0	0.00						
		Drinking Water	4.	1	0	0.00				1	0	0.00						
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00				1	0	0.00						
		Drinking Water	5.	1	0	0.00				1	0	0.00						
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00				1	0	0.00						
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00				1	0	0.00						
		Drinking Water	1300.	1	0	0.00				1	0	0.00						
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00				1	0	0.00						
		Drinking Water	15.	1	0	0.00				1	0	0.00						
01057	THALLIUM, DISSOLVED	Fresh Acute	1400.	1	0	0.00				1	0	0.00						
		Drinking Water	2.	1	0	0.00				1	0	0.00						
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00				1	0	0.00						
		Drinking Water	100.	1	0	0.00				1	0	0.00						
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00				1	0	0.00						
		Drinking Water	100.	1	0	0.00				1	0	0.00						
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00				1	0	0.00						
		Drinking Water	5000.	1	0	0.00				1	0	0.00						
01095	ANTIMONY, DISSOLVED	Fresh Acute	88.	1	0	0.00				1	0	0.00						
		Drinking Water	6.	1	0	0.00				1	0	0.00						
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00				1	0	0.00						
		Drinking Water	50.	1	0	0.00				1	0	0.00						

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

Station Inventory for Station: GRBA0164

NPS Station ID: GRBA0164
LAT/LON: 38.976116/-114.244171
Agency: 11NPSWRD
Date Created: 08/15/98
Location: BAKER CREEK #3
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): GRBA_USGS_BCK3
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE KIOUS SPRING NV 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED ON BAKER CREEK AND IS WITHIN THE BOUNDARIES OF GREAT BASIN NATIONAL PARK. THE DATA ARE FROMA REPORT BY THE U.S. GEOLOGICAL SURVEY; "GREAT BASIN PARK SEEPAGE RUN; SEPTEMBER 1-3; 1992"; AND CAN ALSO BE FOUND IN THE 1992 ANNUAL WATER DATA OF NEVADA REPORT. THE PURPOSE OF THIS REPORT WAS TO DOCUMENT GAINING AND LOSING REACHES OF STREAMS DURING A PERIOD OF SUSTAINED LOW FLOW IN THE PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0164

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061 FLOW, STREAM, INSTANTANEOUS CFS	09/01/92-09/01/92	1	3.	3.	3.	3.	0.	0.	**	**	**	**

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

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

Station Inventory for Station: GRBA0165

NPS Station ID: GRBA0165
LAT/LON: 38.976392/-114.242504
Agency: 11NPSWRD
Date Created: 08/15/98
Location: BAKER CREEK #5
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): GRBA_USGS_BCK5
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE KIOUS SPRING NV 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED ON BAKER CREEK AND IS WITHIN THE BOUNDARIES OF GREAT BASIN NATIONAL PARK. THE DATA ARE FROMA REPORT BY THE U.S. GEOLOGICAL SURVEY; "GREAT BASIN PARK SEEPAGE RUN; SEPTEMBER 1-3; 1992"; AND CAN ALSO BE FOUND IN THE 1992 ANNUAL WATER DATA OF NEVADA REPORT. THE PURPOSE OF THIS REPORT WAS TO DOCUMENT GAINING AND LOSING REACHES OF STREAMS DURING A PERIOD OF SUSTAINED LOW FLOW IN THE PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/01/92-09/01/92	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/01/92-09/01/92	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/01/92-09/01/92	1	93.	93.	93.	93.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: GRBA0166

NPS Station ID: GRBA0166
LAT/LON: 38.977226/-114.242226
Agency: 11NPSWRD
Date Created: 08/15/98
Location: BAKER CREEK #6
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): GRBA_USGS_BCK6
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE KIOUS SPRING NV 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED ON BAKER CREEK AND IS WITHIN THE BOUNDARIES OF GREAT BASIN NATIONAL PARK. THE DATA ARE FROMA REPORT BY THE U.S. GEOLOGICAL SURVEY; "GREAT BASIN PARK SEEPAGE RUN; SEPTEMBER 1-3; 1992"; AND CAN ALSO BE FOUND IN THE 1992 ANNUAL WATER DATA OF NEVADA REPORT. THE PURPOSE OF THIS REPORT WAS TO DOCUMENT GAINING AND LOSING REACHES OF STREAMS DURING A PERIOD OF SUSTAINED LOW FLOW IN THE PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0166

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/01/92-09/01/92	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/01/92-09/01/92	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/01/92-09/01/92	1	29.	29.	29.	29.	0.	0.	**	**	**	**

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

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

Station Inventory for Station: GRBA0167

NPS Station ID: GRBA0167 LAT/LON: 38.978670/-114.242726 Agency: 11NPSWRD Date Created: 02/27/99
Location: SOURCE SPRING FOR BAKER CREEK CAMPGROUND FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING STORET Station ID(s): GRBA_NVSHL_BCC
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 Depth of Water: 0 Aquifer:
Major Basin: GREAT BASIN Elevation: 0 Water Body Id:
Minor Basin: GREAT SALT LAKE ECO Region:
RF1 Index: 16020301 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 16020301119900.00 RF3 Mile Point: 1.19 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE KIOUS SPRING NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT THE BAKER CREEK CAMPGROUND SPRING INSIDE OF GREAT BASIN NATIONAL PARK. THIS SPRING PROVIDES THE WATER FOR THE BAKER CREEK CAMPGROUND WATER SYSTEM; WHICH SHARES A BAG FILTRATION AND CHLORINATION TREATMENT SYSTEM WITH WHEELER PEAK CAMPGROUND AND LEHMAN CREEK CAMPGROUNDS. NEVADA STATE HEALTH LABORATORY SAMPLED PRIOR TO TREATMENT TO DETERMINE IF THE DOMESTIC DRINKING WATER SUPPLY MET WITH SAFE DRINKING WATER ACT COMPLIANCE. FOR MORE INFORMATION ON THE PARK CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0167

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00080	COLOR (PLATINUM-COBALT UNITS)	07/22/88-07/22/88	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/22/88-07/22/88	1	95.	95.	95.	95.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/22/88-07/22/88	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/22/88-07/22/88	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/22/88-07/22/88	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/22/88-07/22/88	1	38.	38.	38.	38.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	07/22/88-07/22/88	1	46.	46.	46.	46.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	07/22/88-07/22/88	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/22/88-07/22/88	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/22/88-07/22/88	1	29.	29.	29.	29.	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	07/22/88-07/22/88	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/22/88-07/22/88	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	07/22/88-07/22/88	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	07/22/88-07/22/88	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/22/88-07/22/88	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/22/88-07/22/88	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	07/22/88-07/22/88	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	07/22/88-07/22/88	1	12.	12.	12.	12.	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	07/22/88-07/22/88	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	07/22/88-07/22/88	1	80.	80.	80.	80.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	07/22/88-07/22/88	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	07/22/88-07/22/88	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

Parameter Inventory for Station: GRBA0167

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01055	MANGANESE, TOTAL (UG/L AS MN)	07/22/88-07/22/88	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	07/22/88-07/22/88	1	220.	220.	220.	220.	0.	0.	**	**	**	**
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	07/22/88-07/22/88	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/22/88-07/22/88	1	56.	56.	56.	56.	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	07/22/88-07/22/88	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: GRBA0167

				Total	Exceed	Prop.	----------9/15-4/14----------			----------4/15-6/14----------			----------6/15-9/14----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00							1	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00							1	0	0.00			
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	1	0	0.00							1	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00							1	0	0.00			
		Drinking Water	50.	1	0	0.00							1	0	0.00			
01007	BARIUM, TOTAL	Drinking Water	2000.	1	0	0.00							1	0	0.00			
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	1	1.00							1	1	1.00			
		Drinking Water	5000.	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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0168

NPS Station ID: GRBA0168
LAT/LON: 38.978670/-114.242726
Agency: 11NPSWRD
Date Created: 03/13/99
Location: BAKER CREEK CAMPGROUND
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): GRBA_ACE_BCC
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE KIOUS SPRING NV 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT THE SOURCE SPRING FOR BAKER CREEK CAMPGROUND AND IS WITHIN THE BOUNDARIES OF GREAT BASIN NATIONAL PARK. THE DATA ARE REPORTED IN THE "GREAT BASIN NATIONAL PARK FEASIBILITY STUDY FOR WATER AND WASTEWATER SERVICE;" SEPTEMBER 1991. THIS STUDY WAS CONDUCTED BY THE NATIONAL PARK SERVICE USING DATA COLLECTED BY SEVERAL DIFFERENT AGENCIES. DATA FOR THIS STATION WERE COLLECTED BY ACE PACIFIC COMPANY. THE PURPOSE OF THE STUDY WAS TO "DEVELOP AND EVALUATE WATER SUPPLY AND TREATMENT ALTERNATIVES...FOR THE GREAT BASIN NATIONAL PARK AND NEARBY EXISTING AND FUTURE POPULATION CENTERS." FOR INFORMATION ON THE PARK CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DR. SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0168

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	PH (STANDARD UNITS)	06/30/89-06/30/89	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/30/89-06/30/89	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/30/89-06/30/89	1	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/30/89-06/30/89	1	63.	63.	63.	63.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/30/89-06/30/89	1	49.	49.	49.	49.	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	06/30/89-06/30/89	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	06/30/89-06/30/89	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	06/30/89-06/30/89	1	3.8	3.8	3.8	3.8	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/30/89-06/30/89	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	06/30/89-06/30/89	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	06/30/89-06/30/89	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	06/30/89-06/30/89	1	81.	81.	81.	81.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	06/30/89-06/30/89	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	06/30/89-06/30/89	1	64.	64.	64.	64.	0.	0.	**	**	**	**
04208	ANIONS, SUM, TOTAL, WATER MEQ/L	06/30/89-06/30/89	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
04226	CATIONS, SUM, TOTAL, WATER MEQ/L	06/30/89-06/30/89	1	1.15	1.15	1.15	1.15	0.	0.	**	**	**	**
50938	ANION - CATION RATIO	06/30/89-06/30/89	1	12.4	12.4	12.4	12.4	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/30/89-06/30/89	1	52.	52.	52.	52.	0.	0.	**	**	**	**
70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	06/30/89-06/30/89	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: GRBA0168

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	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			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	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			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: GRBA0169

NPS Station ID: GRBA0169 LAT/LON: 38.978837/-114.241976 Agency: 11NPSWRD Date Created: 07/11/98
Location: BAKER CREEK EAST OF BAKER CG SPRING ENCLOSURE FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): GRBA_NPS_BAK2
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 Depth of Water: 0 Aquifer:
Major Basin: GREAT BASIN Elevation: 7870 Water Body Id:
Minor Basin: GREAT SALT LAKE ECO Region:
RF1 Index: 16020301 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 16020301119900.00 RF3 Mile Point: 1.19 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE KIOUS SPRING NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT BAKER CREEK DUE EAST OF THE BAKER CAMPGROUND SPRING ENCLOSURE AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM SEVERAL YEARLY REPORTS (1990-97) BY KURT PFAFF; PHYSICAL SCIENCE TECHNICIAN FOR GRBA. A SURFACE WATER QUALITY MONITORING PROGRAM WAS INSTITUTED TO ACQUIRE THE DATA FROM THE PARK WATERS ON A SEMI-ANNUAL BASIS. DATA ARE INTEGRATED INTO THE PARK'S WATER RESOURCE MANAGEMENT PLAN IN ORDER TO PERPETUATE THE INHERENT NATURAL INTEGRITY OF ITS WATER-DEPENDENT ENVIRONMENTS. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0169

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/21/93-10/26/95	5	4.	4.2	8.	2.	5.2	2.28	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/15/91-10/26/95	7	35.	33.714	36.	26.	13.571	3.684	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	10/15/91-10/26/95	14	7.32	7.311	7.51	6.93	0.022	0.147	7.04	7.263	7.393	7.505
00406	CONVERTED PH, FIELD, STANDARD UNITS	10/15/91-10/26/95	14	7.32	7.285	7.51	6.93	0.022	0.15	7.04	7.263	7.393	7.505
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/15/91-10/26/95	14	0.048	0.052	0.117	0.031	0.	0.022	0.031	0.041	0.055	0.094

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

EPA Water Quality Criteria Analysis for Station: GRBA0169

			Total	Exceed	Prop.	----------9/15-4/14----------			----------4/15-6/14----------			----------6/15-9/14----------			----------n/a----------		
Parameter	Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00406 PH, FIELD	Fresh Chronic	9.	14	0	0.00	10	0	0.00	2	0	0.00	2	0	0.00			
	Other-Lo Lim.	6.5	14	0	0.00	10	0	0.00	2	0	0.00	2	0	0.00			

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

Station Inventory for Station: GRBA0170

NPS Station ID: GRBA0170 LAT/LON: 38.979226/-114.390754 Agency: 11NPSWRD Date Created: 10/10/98
Location: CONFLUENCE OF PINE AND RIDGE CREEKS W OF PARK FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): GRBA_BLM_P&R
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 16060008 Depth of Water: 0 Aquifer:
Major Basin: GREAT BASIN Elevation: 0 Water Body Id:
Minor Basin: CENTRAL NEVADA ECO Region:
RF1 Index: 16060008 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 16020301119900.00 RF3 Mile Point: 1.19 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE BAKING POWDER FLAT NV 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT THE CONFLUENCE OF PINE CREEK AND RIDGE CREEK; APPROXIMATELY 2 MILES OUTSIDE (WEST) OF THE GREAT BASIN NATIONAL PARK BOUNDARY. THE DATA ARE FROM A REPORT BY TIMOTHY STACK OF THE BUREAU OF LAND MANAGEMENT; "1981 STREAM HABITAT INVENTORY; SCHELL RESOURCE AREA." THE STUDY WAS CONDUCTED TO ASSESS STREAM HABITAT CONDITIONS OF SEVERAL STREAMS LOCATED ON PUBLIC LANDS IN EASTERN NEVADA. THE REPORT FOCUSES ON QUALITY OF POOLS; BED MATERIALS; BANK COVER; RIPARIAN AREAS; AND AQUATIC INVERTEBRATES AS WELL AS WATER CHEMISTRY. DATA FROM THIS REPORT WERE COMPARED TO RESULTS FROM A 1979 BLM STUDY IN THE SAME AREA. THE 1979 DATA ALSO HAVE BEEN UPLOADED TO STORET BY THE NATIONAL PARK SERVICE. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0170

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/08/81-07/08/81	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/08/81-07/08/81	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/08/81-07/08/81	1	52.	52.	52.	52.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/08/81-07/08/81	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	07/08/81-07/08/81	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/08/81-07/08/81	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/08/81-07/08/81	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/08/81-07/08/81	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/08/81-07/08/81	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	07/08/81-07/08/81	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/08/81-07/08/81	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/08/81-07/08/81	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/08/81-07/08/81	1	0.72	0.72	0.72	0.72	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/08/81-07/08/81	1	50.	50.	50.	50.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/08/81-07/08/81	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/08/81-07/08/81	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	07/08/81-07/08/81	1	80.	80.	80.	80.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	07/08/81-07/08/81	1	120.	120.	120.	120.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	07/08/81-07/08/81	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: GRBA0170

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	1	0	0.00							1	0	0.00			
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00							1	0	0.00			
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00							1	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0171

NPS Station ID: GRBA0171
LAT/LON: 38.983892/-114.241115
Agency: 11NPSWRD
Date Created: 08/15/98
Location: BAKER CREEK #7
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): GRBA_USGS_BCK7
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE KIOUS SPRING NV 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED ON BAKER CREEK AND IS WITHIN THE BOUNDARIES OF GREAT BASIN NATIONAL PARK. THE DATA ARE FROMA REPORT BY THE U.S. GEOLOGICAL SURVEY; "GREAT BASIN PARK SEEPAGE RUN; SEPTEMBER 1-3; 1992"; AND CAN ALSO BE FOUND IN THE 1992 ANNUAL WATER DATA OF NEVADA REPORT. THE PURPOSE OF THIS REPORT WAS TO DOCUMENT GAINING AND LOSING REACHES OF STREAMS DURING A PERIOD OF SUSTAINED LOW FLOW IN THE PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0171

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/01/92-09/01/92	1	10.5	10.5	10.5	10.5	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/01/92-09/01/92	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/01/92-09/01/92	1	29.	29.	29.	29.	0.	0.	**	**	**	**

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

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

Station Inventory for Station: GRBA0172

NPS Station ID: GRBA0172
LAT/LON: 38.985531/-114.158809
Agency: 11NPSWRD
Date Created: 08/15/98
Location: KIOUS SPRING
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): GRBA_BEYER_KS
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE KIOUS SPRING NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SAMPLING SITE IS AT KIOUS SPRING AND IS OUTSIDE OF THE GREAT BASIN NATIONAL PARK BOUNDARY. DATA ARE FROM A REPORT BY ERIK BEYER OF ERIK BEYER & ASSOCIATES; INC.; "BAKER WATER AND WASTEWATER FEASIBILITY STUDY;" MAY 1988. THE PURPOSE OF THIS STUDY WAS TO "EXPLORE THE FEASIBILITY OF DEVELOPING A DOMESTIC WATER AND WASTEWATER SYSTEM FOR THE TOWN OF BAKER AND FOR THE SUBDIVISION NEAR THE PARK HEADQUARTERS OF GREAT BASIN NATIONAL PARK." ALL CONSTITUENTS WERE ASSUMED TO BE DISSOLVED AND IN MG/L. DATE OF SAMPLE COLLECTION WAS ESTIMATED. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0172

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00080	COLOR (PLATINUM-COBALT UNITS)	04/15/88-04/15/88	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/15/88-04/15/88	1	447.	447.	447.	447.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	04/15/88-04/15/88	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	04/15/88-04/15/88	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/15/88-04/15/88	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/15/88-04/15/88	1	164.	164.	164.	164.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	04/15/88-04/15/88	1	200.	200.	200.	200.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	04/15/88-04/15/88	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/15/88-04/15/88	1	159.	159.	159.	159.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/15/88-04/15/88	1	52.	52.	52.	52.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/15/88-04/15/88	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/15/88-04/15/88	1	29.	29.	29.	29.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/15/88-04/15/88	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	04/15/88-04/15/88	1	32.	32.	32.	32.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	04/15/88-04/15/88	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/15/88-04/15/88	1	0.62	0.62	0.62	0.62	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/15/88-04/15/88	1	27.	27.	27.	27.	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	04/15/88-04/15/88	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	04/15/88-04/15/88	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	04/15/88-04/15/88	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	04/15/88-04/15/88	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	04/15/88-04/15/88	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

Parameter Inventory for Station: GRBA0172

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/15/88-04/15/88	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	04/15/88-04/15/88	1	10.	10.	10.	10.	0.	0.	**	**	**	**
04208	ANIONS, SUM, TOTAL, WATER MEQ/L	04/15/88-04/15/88	1	4.6	4.6	4.6	4.6	0.	0.	**	**	**	**
04226	CATIONS, SUM, TOTAL, WATER MEQ/L	04/15/88-04/15/88	1	4.46	4.46	4.46	4.46	0.	0.	**	**	**	**
50938	ANION - CATION RATIO	04/15/88-04/15/88	1	1.03	1.03	1.03	1.03	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/15/88-04/15/88	1	254.	254.	254.	254.	0.	0.	**	**	**	**
70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	04/15/88-04/15/88	1	8.68	8.68	8.68	8.68	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	04/15/88-04/15/88	1	3.2	3.2	3.2	3.2	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	04/15/88-04/15/88	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: GRBA0172

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------9/15-4/14---------- Obs	Exceed	Prop.	----------4/15-6/14---------- Obs	Exceed	Prop.	----------6/15-9/14---------- Obs	Exceed	Prop.	--------------n/a-------------- Obs	Exceed	Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00				1	0	0.00						
		Drinking Water	250.	1	0	0.00				1	0	0.00						
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00				1	0	0.00						
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	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						
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	1	1.00				1	1	1.00						
		Drinking Water	1300.	1	0	0.00				1	0	0.00						
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00				1	0	0.00						
		Drinking Water	5000.	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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0173

NPS Station ID: GRBA0173 LAT/LON: 38.986254/-114.351866 Agency: 11NPSWRD Date Created: 08/08/98
Location: RIDGE CK SPRING 500 METERS FROM PARK BDRY FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING STORET Station ID(s): GRBA_BOR_RR105
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 16060008 Depth of Water: 0 Aquifer:
Major Basin: GREAT BASIN Elevation: 8380 Water Body Id:
Minor Basin: CENTRAL NEVADA ECO Region:
RF1 Index: 16060008 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 16020301119900.00 RF3 Mile Point: 1.19 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WHEELER PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT A SPRING NEAR RIDGE CREEK APPROXIMATELY 500 METERS UPSTREAM OF THE PARK BOUNDARY AND IS IDENTIFIED AS RR105. THIS SITE IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM A REPORT BY THE BUREAU OF RECLAMATION; "GREAT BASIN NATIONAL PARK; HYDROLOGIC INVENTORY;" 1994. THE OBJECTIVE OF THIS STUDY WAS TO LOCATE AND DESCRIBE NATURAL SPRINGS AND SEEPS WITHIN GRBA THAT HAD REMAINED ACTIVE UNDER THE DROUGHT SITUATION OCCURRING AT THAT TIME. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0173

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/11/94-08/11/94	1	5.4	5.4	5.4	5.4	0.	0.	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	08/11/94-08/11/94	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/11/94-08/11/94	1	43.	43.	43.	43.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/11/94-08/11/94	1	7.44	7.44	7.44	7.44	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/11/94-08/11/94	1	7.44	7.44	7.44	7.44	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/11/94-08/11/94	1	0.036	0.036	0.036	0.036	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0173

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00406	PH, FIELD	Fresh Chronic	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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0174

NPS Station ID: GRBA0174
LAT/LON: 38.986309/-114.158003
Agency: 11NPSWRD
Date Created: 05/30/98
Location: LUAH501
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): GRBA_NURE_135 /7071139 /5077498
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE KIOUS SPRING; NV-WHITE PINE CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A SPRING OUTSIDE THE GREAT BASIN NATIONAL PARK BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.8 MICRON FILTER OR SMALLER AT THE SITE. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRIES WERE USED TO CREATE THE SECONDARY STATION NAME. THE "SRL" FIELD ENTRY (SAVANNAH RIVER LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE SAVANNAH RIVER LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525. TEL. (970) 225-3516.

Parameter Inventory for Station: GRBA0174

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/13/80-07/13/80	2	17.	17.	17.	17.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/13/80-07/13/80	2	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/13/80-07/13/80	2	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/13/80-07/13/80	2	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/13/80-07/13/80	2	20.	20.	20.	20.	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/13/80-07/13/80	1	0.082	0.082	0.082	0.082	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/13/80-07/13/80	1	8.8	8.8	8.8	8.8	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/13/80-07/13/80	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/13/80-07/13/80	2	2.975	2.975	4.65	1.3	5.611	2.369	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/13/80-07/13/80	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	07/13/80-07/13/80	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/13/80-07/13/80	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/13/80-07/13/80	1	71.	71.	71.	71.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/13/80-07/13/80	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	07/13/80-07/13/80	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	07/13/80-07/13/80	1	9.	9.	9.	9.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/13/80-07/13/80	1	136.	136.	136.	136.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/13/80-07/13/80	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/13/80-07/13/80	1	11.	11.	11.	11.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: GRBA0174

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01065	NICKEL, DISSOLVED (UG/L AS NI)	07/13/80-07/13/80	1	17.	17.	17.	17.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	07/13/80-07/13/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/13/80-07/13/80	1	31.	31.	31.	31.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	07/13/80-07/13/80	2 ##	5.025	5.025	10.	0.05	49.501	7.036	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/13/80-07/13/80	1	13.	13.	13.	13.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/13/80-07/13/80	2 ##	84.5	84.5	164.	5.	12640.5	112.43	**	**	**	**
01110	CERIUM, DISSOLVED (UG/L AS CE)	07/13/80-07/13/80	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/13/80-07/13/80	1	72.	72.	72.	72.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	07/13/80-07/13/80	1	2700.	2700.	2700.	2700.	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/13/80-07/13/80	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/13/80-07/13/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/13/80-07/13/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/13/80-07/13/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	07/13/80-07/13/80	1	0.201	0.201	0.201	0.201	0.	0.	**	**	**	**
50700	FLUORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	07/13/80-07/13/80	1	52.	52.	52.	52.	0.	0.	**	**	**	**
50760	CHLORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	07/13/80-07/13/80	1	3100.	3100.	3100.	3100.	0.	0.	**	**	**	**
50761	BROMINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	07/13/80-07/13/80	1	21.5	21.5	21.5	21.5	0.	0.	**	**	**	**
82331	DYSPROSIUM, DISSOLVED AS DY IN WATER UG/L	07/13/80-07/13/80	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**

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EPA Water Quality Criteria Analysis for Station: GRBA0174

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------9/15-4/14---------- Obs	Exceed	Prop.	----------4/15-6/14---------- Obs	Exceed	Prop.	----------6/15-9/14---------- Obs	Exceed	Prop.	--------------n/a-------------- Obs	Exceed	Prop.
00400	PH	Fresh Chronic	9.	2	0	0.00							2	0	0.00			
		Other-Lo Lim.	6.5	2	0	0.00							2	0	0.00			
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	1	0	0.00							1	0	0.00			
		Drinking Water	4.	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			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: GRBA0175

NPS Station ID: GRBA0175 LAT/LON: 38.987004/-114.353199 Agency: 11NPSWRD Date Created: 08/08/98
Location: RIDGE CK SPRING 100 METERS UP FACE OF CANYON FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING STORET Station ID(s): GRBA_BOR_RR104
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 16060008 Depth of Water: 0 Aquifer:
Major Basin: GREAT BASIN Elevation: 8280 Water Body Id:
Minor Basin: CENTRAL NEVADA ECO Region:
RF1 Index: 16060008 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 16020301119900.00 RF3 Mile Point: 1.19 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WHEELER PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT A SPRING WHICH IS A CONTRIBUTOR TO RIDGE CREEK. THE SPRING IS APPROX 100 METERS UP THE FACE OF THE CANYON AND IS IDENTIFIED AS RR104. THIS SITE IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM A REPORT BY THE BUREAU OF RECLAMATION; "GREAT BASIN NATIONAL PARK; HYDROLOGIC INVENTORY;" 1994. THE OBJECTIVE OF THIS STUDY WAS TO LOCATE AND DESCRIBE NATURAL SPRINGS AND SEEPS WITHIN GRBA THAT HAD REMAINED ACTIVE UNDER THE DROUGHT SITUATION OCCURRING AT THAT TIME. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0175

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/11/94-08/11/94	1	5.8	5.8	5.8	5.8	0.	0.	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	08/11/94-08/11/94	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/11/94-08/11/94	1	35.	35.	35.	35.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/11/94-08/11/94	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/11/94-08/11/94	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/11/94-08/11/94	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: GRBA0175

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00406	PH, FIELD	Fresh Chronic	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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0176

NPS Station ID: GRBA0176 | LAT/LON: 38.987142/-114.354531 | Agency: 11NPSWRD | Date Created: 07/11/98
Location: RIDGE CREEK NEAR PARK BOUNDARY | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): GRBA_NPS_RID901
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 16060008 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 0 | Water Body Id:
Minor Basin: CENTRAL NEVADA | ECO Region:
RF1 Index: 16060008 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WHEELER PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPO.) QUADRANGLE. THE SITE IS AT RIDGE CREEK JUST INSIDE THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THIS SAMPLING SITE WAS REPLACED BY SITE RID1 FOR STUDIES AFTER 1990. THE DATA ARE FROM SEVERAL YEARLY REPORTS (1990-97) BY KURT PFAFF; PHYSICAL SCIENCE TECHNICIAN FOR GRBA. A SURFACE WATER QUALITY MONITORING PROGRAM WAS INSTITUTED TO ACQUIRE DATA FROM THE PARK WATERS ON A SEMI-ANNUAL BASIS. DATA ARE INTEGRATED INTO THE PARK'S WATER RESOURCE MANAGEMENT PLAN IN ORDER TO PERPETUATE THE INHERENT NATURAL INTEGRITY OF ITS WATER-DEPENDENT ENVIRONMENTS. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0176

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/12/90-07/12/90	1	29.	29.	29.	29.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/12/90-07/12/90	1	7.28	7.28	7.28	7.28	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/12/90-07/12/90	1	7.28	7.28	7.28	7.28	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/12/90-07/12/90	1	0.052	0.052	0.052	0.052	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0176

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00406	PH, FIELD	Fresh Chronic	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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0177

NPS Station ID: GRBA0177 LAT/LON: 38.987226/-114.355115 Agency: 11NPSWRD Date Created: 06/20/98
Location: RIDGE CREEK AT INTERSECTION WITH GRBA BOUNDARY FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): GRBA_OSU_RID1
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 16060008 Depth of Water: 0 Aquifer:
Major Basin: GREAT BASIN Elevation: 8100 Water Body Id:
Minor Basin: CENTRAL NEVADA ECO Region:
RF1 Index: 16060008 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 16020301119900.00 RF3 Mile Point: 1.19 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED AT THE WHEELER PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPO.) QUADRANGLE. THE SITE IS LOCATED AT RIDGE CREEK AT ITS INTERSECTION WITH THE PARK BOUNDARY AND IS LOCATED WITHIN GREAT BASIN NATIONAL PARK (GRBA). THE DATA ARE FROM A REPORT BY RUTH JACOBS ET AL.; "CHEMICAL CHARACTERISTICS OF SURFACE WATERS OF GREAT BASIN NATIONAL PARK;" DECEMBER 1993. THIS REPORT WAS PREPARED IN COOPERATION WITH THE NATIONAL PARK SERVICE. THE STUDY WAS DESIGNED TO COLLECT WATER QUALITY DATA FOR THE PARK TO AID IN THE PREPARATION OF A WATER QUALITY MONITORING PROGRAM TO MEET MANAGEMENT PLAN OBJECTIVES. THE SAMPLES WERE FILTERED WITH A 1.2 UM FILTER IN THE FIELD. ICP METAL VALUES WERE UPLOADED TO STORET BUT ARE CONSIDERED TO BE SUSPECT. FOR MORE INFO. CONTACT THE CHIEF OF RESOURCES AT GRBA; BAKER NV 89311 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0177

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/29/92-08/29/92	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00064	DEPTH OF STREAM, MEAN (FT)	08/29/92-08/29/92	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/29/92-08/29/92	1	40.	40.	40.	40.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/29/92-08/29/92	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/29/92-08/29/92	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/29/92-08/29/92	1	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/29/92-08/29/92	1	32.	32.	32.	32.	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/29/92-08/29/92	2 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/29/92-08/29/92	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/29/92-08/29/92	1	0.24	0.24	0.24	0.24	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/29/92-08/29/92	1	0.019	0.019	0.019	0.019	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/29/92-08/29/92	1 ##	0.023	0.023	0.023	0.023	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/29/92-08/29/92	1	0.014	0.014	0.014	0.014	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/29/92-08/29/92	1	4.4	4.4	4.4	4.4	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/29/92-08/29/92	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/29/92-08/29/92	1	1.17	1.17	1.17	1.17	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/29/92-08/29/92	1	0.44	0.44	0.44	0.44	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/29/92-08/29/92	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/29/92-08/29/92	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: GRBA0177

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/29/92-08/29/92	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/29/92-08/29/92	1 ##	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/29/92-08/29/92	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/29/92-08/29/92	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/29/92-08/29/92	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	08/29/92-08/29/92	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/29/92-08/29/92	1	95.	95.	95.	95.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	08/29/92-08/29/92	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/29/92-08/29/92	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	08/29/92-08/29/92	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	08/29/92-08/29/92	1 ##	3.	3.	3.	3.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/29/92-08/29/92	1	49.	49.	49.	49.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/29/92-08/29/92	1	119.	119.	119.	119.	0.	0.	**	**	**	**
01095	ANTIMONY, DISSOLVED (UG/L AS SB)	08/29/92-08/29/92	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01100	TIN, DISSOLVED (UG/L AS SN)	08/29/92-08/29/92	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/29/92-08/29/92	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	08/29/92-08/29/92	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
50098	CALCIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/29/92-08/29/92	1	10.61	10.61	10.61	10.61	0.	0.	**	**	**	**
50104	POTASSIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/29/92-08/29/92	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
50105	MAGNESIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/29/92-08/29/92	1	2.51	2.51	2.51	2.51	0.	0.	**	**	**	**
50108	SODIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/29/92-08/29/92	1	2.41	2.41	2.41	2.41	0.	0.	**	**	**	**
50932	SULFUR, DISSOLVED AS S MG/L	08/29/92-08/29/92	1	10.255	10.255	10.255	10.255	0.	0.	**	**	**	**
50938	ANION - CATION RATIO	08/29/92-08/29/92	1	0.96	0.96	0.96	0.96	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/29/92-08/29/92	1	30.	30.	30.	30.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/29/92-08/29/92	1	28.	28.	28.	28.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0177

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	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			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00							1	0	0.00			
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00							1	0	0.00			
		Drinking Water	50.	1	0	0.00							1	0	0.00			
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00							1	0	0.00			
		Drinking Water	5.	1	0	0.00							1	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00							1	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00							1	0	0.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00							1	0	0.00			
		Drinking Water	15.	1	0	0.00							1	0	0.00			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			
01095	ANTIMONY, DISSOLVED	Fresh Acute	88.	1	0	0.00							1	0	0.00			
		Drinking Water	6.	0 &	0	0.00												

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

Station Inventory for Station: GRBA0178

NPS Station ID: GRBA0178 LAT/LON: 38.987226/-114.355115 Agency: 11NPSWRD Date Created: 07/11/98
Location: RIDGE CREEK INTERSECTION WITH GRBA BOUNDARY FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): GRBA_NPS_RID1
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 16060008 Depth of Water: 0 Aquifer:
Major Basin: GREAT BASIN Elevation: 8100 Water Body Id:
Minor Basin: CENTRAL NEVADA ECO Region:
RF1 Index: 16060008 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 16020301119900.00 RF3 Mile Point: 1.19 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WHEELER PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT RIDGE CREEK AT ITS INTERSECTION WITH THE PARK BOUNDARY AND IS LOCATED WITHIN GREAT BASIN NATIONAL PARK. THE DATA ARE FROM SEVERAL YEARLY REPORTS (1990-97) BY KURT PFAFF; PHYSICAL SCIENCE TECHNICIAN FOR GREAT BASIN NATIONAL PARK. A SURFACE WATER QUALITY MONITORING PROGRAM WAS INSTITUTED TO ACQUIRE THE DATA FROM THE PARK WATERS ON A SEMI-ANNUAL BASIS. DATA ARE INTEGRATED INTO THE PARK'S WATER RESOURCE MANAGEMENT PLAN IN ORDER TO PERPETUATE THE INHERENT NATURAL INTEGRITY OF ITS WATER-DEPENDENT ENVIRONMENTS. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0178

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/93-06/14/96	6	5.5	5.5	7.	4.	1.1	1.049	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/24/91-06/14/96	8	44.5	43.	46.	36.	10.857	3.295	**	**	**	**
00406p	PH, FIELD, STANDARD UNITS SU	10/24/91-06/14/96	16	7.465	7.469	7.6	7.33	0.007	0.085	7.337	7.403	7.533	7.593
00406p	CONVERTED PH, FIELD, STANDARD UNITS	10/24/91-06/14/96	16	7.465	7.461	7.6	7.33	0.007	0.085	7.337	7.403	7.532	7.593
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/24/91-06/14/96	16	0.034	0.035	0.047	0.025	0.	0.007	0.026	0.029	0.04	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

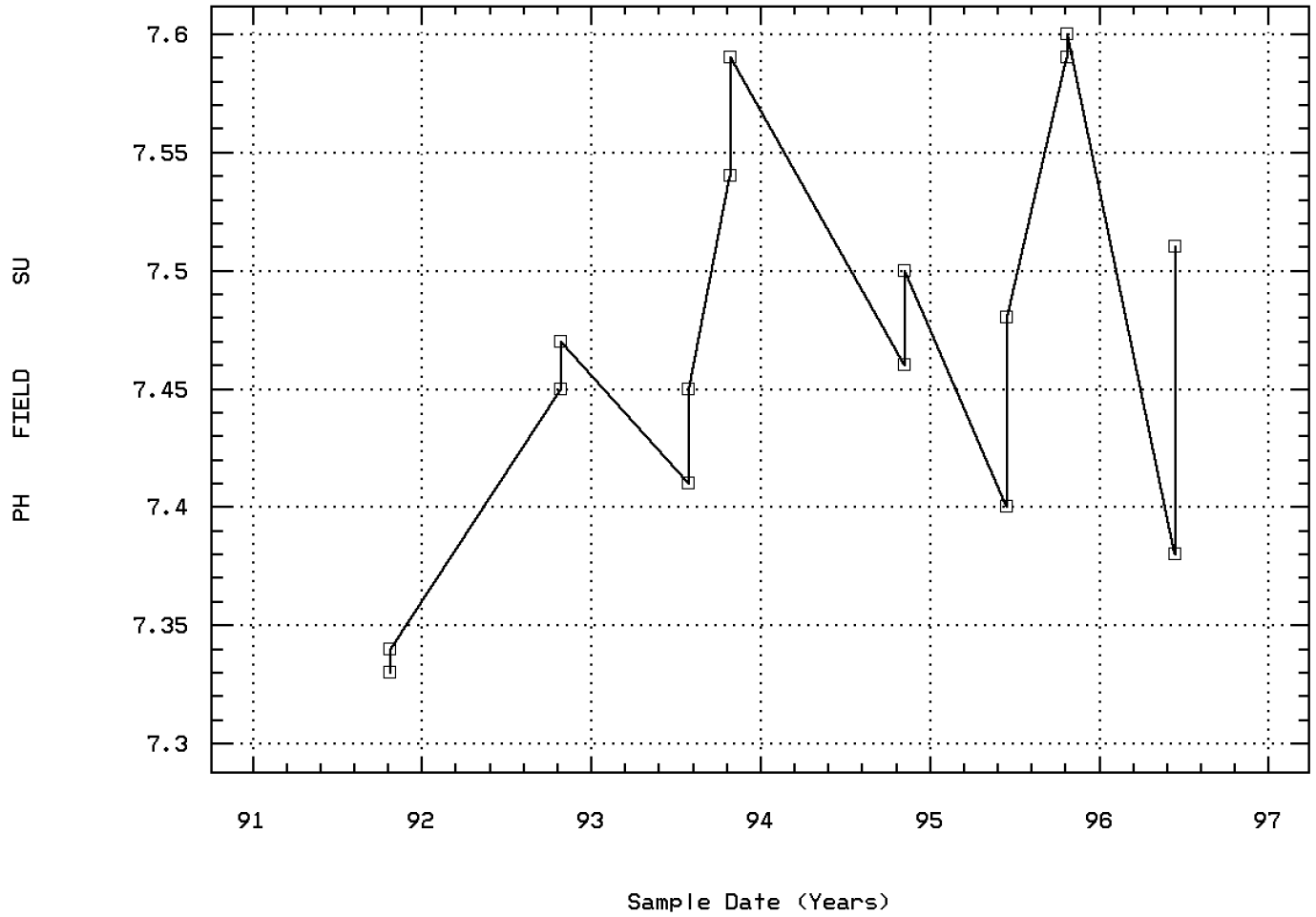
EPA Water Quality Criteria Analysis for Station: GRBA0178

			Total	Exceed	Prop.	----------9/15-4/14----------			----------4/15-6/14----------			----------6/15-9/14----------			----------n/a----------		
Parameter	Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00406 PH, FIELD	Fresh Chronic	9.	16	0	0.00	10	0	0.00	4	0	0.00	2	0	0.00			
	Other-Lo Lim.	6.5	16	0	0.00	10	0	0.00	4	0	0.00	2	0	0.00			

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

Station: GRBA0178 Parameter Code: 00406

PH, FIELD, STANDARD UNITS



RIDGE CREEK INTERSECTION WITH GRBA BOUN

Station Inventory for Station: GRBA0179

NPS Station ID: GRBA0179 LAT/LON: 38.988531/-114.365448 Agency: 11NPSWRD Date Created: 07/11/98
Location: RIDGE CREEK ABOVE JUNCTION WITH PINE CREEK FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): GRBA_NPS_RID902
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 16060008 Depth of Water: 0 Aquifer:
Major Basin: GREAT BASIN Elevation: 0 Water Body Id:
Minor Basin: CENTRAL NEVADA ECO Region:
RF1 Index: 16060008 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 16020301119900.00 RF3 Mile Point: 1.19 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WHEELER PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT RIDGE CREEK ABOVE ITS JUNCTION WITH PINE CREEK AND IS LOCATED OUTSIDE THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THIS SAMPLING SITE WAS DISCONTINUED FOR STUDIES AFTER 1990. THE DATA ARE FROM SEVERAL YEARLY REPORTS (1990-97) BY KURT PFAFF; PHYSICAL SCIENCE TECHNICIAN FOR GRBA. A SURFACE WATER QUALITY MONITORING PROGRAM WAS INSTITUTED TO ACQUIRE DATA FROM THE PARK WATERS ON A SEMI-ANNUAL BASIS. DATA ARE INTEGRATED INTO THE PARK'S WATER RESOURCE MANAGEMENT PLAN IN ORDER TO PERPETUATE THE INHERENT NATURAL INTEGRITY OF ITS WATER-DEPENDENT ENVIRONMENTS. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0179

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/12/90-07/12/90	1	29.	29.	29.	29.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/12/90-07/12/90	1	7.48	7.48	7.48	7.48	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/12/90-07/12/90	1	7.48	7.48	7.48	7.48	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/12/90-07/12/90	1	0.033	0.033	0.033	0.033	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0179

			Total	Exceed	Prop.	9/15-4/14			4/15-6/14			6/15-9/14			n/a		
Parameter	Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00406 PH, FIELD	Fresh Chronic	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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0180

NPS Station ID: GRBA0180 LAT/LON: 38.989198/-114.370031 Agency: 11NPSWRD Date Created: 07/11/98
Location: CAMPSITE BELOW JCT OF PINE AND RIDGE CREEKS FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): GRBA_NPS_P&R1
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 16060008 Depth of Water: 0 Aquifer:
Major Basin: GREAT BASIN Elevation: 7320 Water Body Id:
Minor Basin: CENTRAL NEVADA ECO Region:
RF1 Index: 16060008 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 16020301119900.00 RF3 Mile Point: 1.19 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WHEELER PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT THE JUNCTION OF PINE AND RIDGE CREEKS NEAR THE CAMPSITE AND IS LOCATED OUTSIDE THE GREAT BASIN NATIONAL PARK BOUNDARY. THE DATA ARE FROM SEVERAL YEARLY REPORTS (1990-97) BY KURT PFAFF; PHYSICAL SCIENCE TECHNICIAN FOR GREAT BASIN NATIONAL PARK. A SURFACE WATER QUALITY MONITORING PROGRAM WAS INSTITUTED TO ACQUIRE THE DATA FROM THE PARK WATERS ON A SEMI-ANNUAL BASIS. DATA ARE INTEGRATED INTO THE PARK'S WATER RESOURCE MANAGEMENT PLAN IN ORDER TO PERPETUATE THE INHERENT NATURAL INTEGRITY OF ITS WATER-DEPENDENT ENVIRONMENTS. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0180

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/93-10/23/95	5	5.	6.4	10.	3.	8.8	2.966	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/23/95-10/23/95	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/24/91-10/23/95	7	45.	44.429	51.	37.	16.619	4.077	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	10/24/91-10/23/95	14	7.51	7.486	7.65	7.31	0.01	0.099	7.335	7.403	7.553	7.625
00406	CONVERTED PH, FIELD, STANDARD UNITS	10/24/91-10/23/95	14	7.51	7.476	7.65	7.31	0.01	0.1	7.335	7.403	7.552	7.625
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/24/91-10/23/95	14	0.031	0.033	0.049	0.022	0.	0.008	0.024	0.028	0.04	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: GRBA0180

				Total	Exceed	Prop.	----------9/15-4/14----------			----------4/15-6/14----------			----------6/15-9/14----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00406	PH, FIELD	Fresh Chronic	9.	14	0	0.00	10	0	0.00	2	0	0.00	2	0	0.00			
		Other-Lo Lim.	6.5	14	0	0.00	10	0	0.00	2	0	0.00	2	0	0.00			

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

Station Inventory for Station: GRBA0181

NPS Station ID: GRBA0181 LAT/LON: 38.989226/-114.367615 Agency: 11NPSWRD Date Created: 07/11/98
Location: PINE CREEK ABOVE JUNCTION WITH RIDGE CREEK FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): GRBA_NPS_PIN902
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 16060008 Depth of Water: 0 Aquifer:
Major Basin: GREAT BASIN Elevation: 0 Water Body Id:
Minor Basin: CENTRAL NEVADA ECO Region:
RF1 Index: 16060008 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 16020301119900.00 RF3 Mile Point: 1.19 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WHEELER PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT PINE CREEK ABOVE ITS JUNCTION WITH RIDGE CREEK AND IS LOCATED OUTSIDE THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THIS SAMPLING SITE WAS DISCONTINUED FOR STUDIES AFTER 1990. THE DATA ARE FROM SEVERAL YEARLY REPORTS (1990-97) BY KURT PFAFF; PHYSICAL SCIENCE TECHNICIAN FOR GRBA. A SURFACE WATER QUALITY MONITORING PROGRAM WAS INSTITUTED TO ACQUIRE DATA FROM THE PARK WATERS ON A SEMI-ANNUAL BASIS. DATA ARE INTEGRATED INTO THE PARK'S WATER RESOURCE MANAGEMENT PLAN IN ORDER TO PERPETUATE THE INHERENT NATURAL INTEGRITY OF ITS WATER-DEPENDENT ENVIRONMENTS. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0181

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/12/90-07/12/90	1	29.	29.	29.	29.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/12/90-07/12/90	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/12/90-07/12/90	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/12/90-07/12/90	1	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0181

			Total	Exceed	Prop.	9/15-4/14			4/15-6/14			6/15-9/14			n/a		
Parameter	Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00406 PH, FIELD	Fresh Chronic	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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0182

NPS Station ID: GRBA0182
LAT/LON: 38.989448/-114.215281
Agency: 11NPSWRD
Date Created: 08/15/98
Location: BAKER CREEK #12
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): GRBA_USGS_BCK12
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE KIOUS SPRING NV 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED ON BAKER CREEK AND IS WITHIN THE BOUNDARIES OF GREAT BASIN NATIONAL PARK. THE DATA ARE FROMA REPORT BY THE U.S. GEOLOGICAL SURVEY; "GREAT BASIN PARK SEEPAGE RUN; SEPTEMBER 1-3; 1992"; AND CAN ALSO BE FOUND IN THE 1992 ANNUAL WATER DATA OF NEVADA REPORT. THE PURPOSE OF THIS REPORT WAS TO DOCUMENT GAINING AND LOSING REACHES OF STREAMS DURING A PERIOD OF SUSTAINED LOW FLOW IN THE PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0182

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/01/92-09/01/92	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/01/92-09/01/92	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/01/92-09/01/92	1	36.	36.	36.	36.	0.	0.	**	**	**	**

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

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

Station Inventory for Station: GRBA0183

NPS Station ID: GRBA0183
LAT/LON: 38.989726/-114.222781
Agency: 11NPSWRD
Date Created: 08/15/98
Location: BAKER CREEK #10
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): GRBA_USGS_BCK10
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE KIOUS SPRING NV 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED ON BAKER CREEK AND IS WITHIN THE BOUNDARIES OF GREAT BASIN NATIONAL PARK. THE DATA ARE FROMA REPORT BY THE U.S. GEOLOGICAL SURVEY; "GREAT BASIN PARK SEEPAGE RUN; SEPTEMBER 1-3; 1992"; AND CAN ALSO BE FOUND IN THE 1992 ANNUAL WATER DATA OF NEVADA REPORT. THE PURPOSE OF THIS REPORT WAS TO DOCUMENT GAINING AND LOSING REACHES OF STREAMS DURING A PERIOD OF SUSTAINED LOW FLOW IN THE PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0183

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/92-09/02/92	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/02/92-09/02/92	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/92-09/02/92	1	34.	34.	34.	34.	0.	0.	**	**	**	**

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

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

Station Inventory for Station: GRBA0184

NPS Station ID: GRBA0184
LAT/LON: 38.989726/-114.235838
Agency: 11NPSWRD
Date Created: 08/15/98
Location: BAKER CREEK #8
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): GRBA_USGS_BCK8
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE KIOUS SPRING NV 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED ON BAKER CREEK AND IS WITHIN THE BOUNDARIES OF GREAT BASIN NATIONAL PARK. THE DATA ARE FROMA REPORT BY THE U.S. GEOLOGICAL SURVEY; "GREAT BASIN PARK SEEPAGE RUN; SEPTEMBER 1-3; 1992"; AND CAN ALSO BE FOUND IN THE 1992 ANNUAL WATER DATA OF NEVADA REPORT. THE PURPOSE OF THIS REPORT WAS TO DOCUMENT GAINING AND LOSING REACHES OF STREAMS DURING A PERIOD OF SUSTAINED LOW FLOW IN THE PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0184

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/01/92-09/01/92	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/01/92-09/01/92	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/01/92-09/01/92	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

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

Station Inventory for Station: GRBA0185

NPS Station ID: GRBA0185 LAT/LON: 38.990031/-114.352309 Agency: 11NPSWRD Date Created: 08/08/98
Location: SPRING ON RIDGE BETWEEN RIDGE CK AND PINE CK FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING STORET Station ID(s): GRBA_BOR_RP110
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 16060008 Depth of Water: 0 Aquifer:
Major Basin: GREAT BASIN Elevation: 8565 Water Body Id:
Minor Basin: CENTRAL NEVADA ECO Region:
RF1 Index: 16060008 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 16020301119900.00 RF3 Mile Point: 1.19 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WHEELER PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED ON THE RIDGE BETWEEN PINE AND RIDGE CREEKS AND IS IDENTIFIED AS RP110. THIS SITE IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM A REPORT BY THE BUREAU OF RECLAMATION; "GREAT BASIN NATIONAL PARK; HYDROLOGIC INVENTORY;" 1994. THE OBJECTIVE OF THIS STUDY WAS TO LOCATE AND DESCRIBE NATURAL SPRINGS AND SEEPS WITHIN GRBA THAT HAD REMAINED ACTIVE UNDER THE DROUGHT SITUATION OCCURRING AT THAT TIME. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0185

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/11/94-08/11/94	1	11.5	11.5	11.5	11.5	0.	0.	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	08/11/94-08/11/94	1	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/11/94-08/11/94	1	113.	113.	113.	113.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/11/94-08/11/94	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/11/94-08/11/94	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/11/94-08/11/94	1	0.079	0.079	0.079	0.079	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0185

			Total	Exceed	Prop.	9/15-4/14			4/15-6/14			6/15-9/14			n/a		
Parameter	Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00406 PH, FIELD	Fresh Chronic	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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0186

NPS Station ID: GRBA0186 | LAT/LON: 38.990198/-114.207920 | Agency: 11NPSWRD | Date Created: 07/11/98
Location: BAKER CREEK BELOW BAKER NARROWS | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): GRBA_NPS_BAK905
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 0 | Water Body Id:
Minor Basin: GREAT SALT LAKE | ECO Region:
RF1 Index: 16020301 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE KIOUS SPRING NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT BAKER CREEK BELOW BAKER NARROWS AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THIS SAMPLING SITE WAS REPLACED BY SITE BAK4 FOR STUDIES AFTER 1990. THE DATA ARE FROM SEVERAL YEARLY REPORTS (1990-97) BY KURT PFAFF; PHYSICAL SCIENCE TECHNICIAN FOR GRBA. A SURFACE WATER QUALITY MONITORING PROGRAM WAS INSTITUTED TO ACQUIRE DATA FROM THE PARK WATERS ON A SEMI-ANNUAL BASIS. DATA ARE INTEGRATED INTO THE PARK'S WATER RESOURCE MANAGEMENT PLAN IN ORDER TO PERPETUATE THE INHERENT NATURAL INTEGRITY OF ITS WATER-DEPENDENT ENVIRONMENTS. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0186

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/27/90-06/27/90	1	32.	32.	32.	32.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	06/27/90-06/27/90	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/27/90-06/27/90	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/27/90-06/27/90	1	0.079	0.079	0.079	0.079	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0186

			Total	Exceed	Prop.	9/15-4/14			4/15-6/14			6/15-9/14			n/a		
Parameter	Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00406 PH, FIELD	Fresh Chronic	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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0187

NPS Station ID: GRBA0187 LAT/LON: 38.990421/-114.352560 Agency: 11NPSWRD Date Created: 08/08/98
Location: SMALL SPRING BETWEEN RIDGE AND PINE CREEKS FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING STORET Station ID(s): GRBA_BOR_RP111
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 16060008 Depth of Water: 0 Aquifer:
Major Basin: GREAT BASIN Elevation: 8575 Water Body Id:
Minor Basin: CENTRAL NEVADA ECO Region:
RF1 Index: 16060008 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 16020301119900.00 RF3 Mile Point: 1.19 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WHEELER PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS THE SOUTHERNMOST SPRING LOCATED ON THE RIDGE BETWEEN PINE AND RIDGE CREEKS AND IS IDENTIFIED AS RP111. THIS SITE IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM A REPORT BY THE BUREAU OF RECLAMATION; "GREAT BASIN NATIONAL PARK; HYDROLOGIC INVENTORY;" 1994. THE OBJECTIVE OF THIS STUDY WAS TO LOCATE AND DESCRIBE NATURAL SPRINGS AND SEEPS WITHIN GRBA THAT HAD REMAINED ACTIVE UNDER THE DROUGHT SITUATION OCCURRING AT THAT TIME. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0187

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/11/94-08/11/94	1	9.6	9.6	9.6	9.6	0.	0.	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	08/11/94-08/11/94	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/11/94-08/11/94	1	121.	121.	121.	121.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/11/94-08/11/94	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/11/94-08/11/94	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/11/94-08/11/94	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: GRBA0187

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00406	PH, FIELD	Fresh Chronic	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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0188

NPS Station ID: GRBA0188
LAT/LON: 38.990448/-114.206199
Agency: 11NPSWRD
Date Created: 03/06/99
Location: BAKER CREEK 3
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): GRBA_ACHEM_BC3
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 2438
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPO.) QUADRANGLE. THE SITE IS LOCATED AT BAKER CREEK; APPROXIMATELY 0.3 MILES EAST OF POLE CREEK TRIBUTARY; AND IS WITHIN THE BOUNDARIES OF GREAT BASIN NATIONAL PARK. DATA ARE FROM A MASTER'S THESIS PREPARED BY STEPHEN ACHAEMPONG; "ISOTOPE HYDROLOGY OF LEHMAN AND BAKER CREEKS DRAINAGES; GREAT BASIN NATIONAL PARK; NEVADA." THIS THESIS WAS SUBMITTED TO THE DEPARTMENT OF GEOSCIENCE; UNIVERSITY OF NEVADA; LAS VEGAS IN AUGUST OF 1992. THE DATA WERE COLLECTED IN ORDER TO UNDERSTAND THE RECHARGE AND MIXING MECHANISMS OF WATER RESOURCES IN THE PARK USING ENVIRONMENTALLY STABLE ISOTOPES OF DEUTERIUM AND OXYGEN-18. DATES WERE ESTIMATED AS RAW DATA WERE UNAVAILABLE. FOR MORE INFORMATION ON THE PARK CONTACT THE CHIEF OF RESOURCES AT GRBA; BAKER NV 89311-9700 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NPS WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0188

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/15/90-09/15/91	8	4.	5.375	11.	0.	15.125	3.889	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/15/90-09/15/91	9	19.	18.889	24.	15.	9.611	3.1	15.	15.5	21.	24.
82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	08/15/90-09/15/91	9	-108.	-107.111	-103.	-111.	7.611	2.759	-103.	-104.5	-109.5	-111.
82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	08/15/90-09/15/91	9	-15.	-15.	-15.	-15.	0.	0.	-15.	-15.	-15.	-15.

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

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

Station Inventory for Station: GRBA0189

NPS Station ID: GRBA0189 LAT/LON: 38.990531/-114.352560 Agency: 11NPSWRD Date Created: 08/08/98
Location: NORTH SPRING BETWEEN RIDGE AND PINE CREEKS FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING STORET Station ID(s): GRBA_BOR_RP112
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 16060008 Depth of Water: 0 Aquifer:
Major Basin: GREAT BASIN Elevation: 8575 Water Body Id:
Minor Basin: CENTRAL NEVADA ECO Region:
RF1 Index: 16060008 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 16020301119900.00 RF3 Mile Point: 1.19 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WHEELER PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED ON THE RIDGE BETWEEN PINE AND RIDGE CREEKS AND IS THE NORTHERNMOST SPRING. THIS SITE IS IDENTIFIED AS RP112 AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM A REPORT BY THE BUREAU OF RECLAMATION; "GREAT BASIN NATIONAL PARK; HYDROLOGIC INVENTORY;" 1994. THE OBJECTIVE OF THIS STUDY WAS TO LOCATE AND DESCRIBE NATURAL SPRINGS AND SEEPS WITHIN GRBA THAT HAD REMAINED ACTIVE UNDER THE DROUGHT SITUATION OCCURRING AT THAT TIME. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0189

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/11/94-08/11/94	1	11.1	11.1	11.1	11.1	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/11/94-08/11/94	1	131.	131.	131.	131.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/11/94-08/11/94	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/11/94-08/11/94	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/11/94-08/11/94	1	0.063	0.063	0.063	0.063	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0189

			Total	Exceed	Prop.	----------9/15-4/14----------			----------4/15-6/14----------			----------6/15-9/14----------			----------n/a----------		
Parameter	Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00406 PH, FIELD	Fresh Chronic	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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0190

NPS Station ID: GRBA0190
LAT/LON: 38.990559/-114.206116
Agency: 11NPSWRD
Date Created: 08/15/98
Location: BAKER CREEK #13
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): GRBA_USGS_BCK13
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE KIOUS SPRING NV 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED ON BAKER CREEK AND IS WITHIN THE BOUNDARIES OF GREAT BASIN NATIONAL PARK. THE DATA ARE FROMA REPORT BY THE U.S. GEOLOGICAL SURVEY; "GREAT BASIN PARK SEEPAGE RUN; SEPTEMBER 1-3; 1992"; AND CAN ALSO BE FOUND IN THE 1992 ANNUAL WATER DATA OF NEVADA REPORT. THE PURPOSE OF THIS REPORT WAS TO DOCUMENT GAINING AND LOSING REACHES OF STREAMS DURING A PERIOD OF SUSTAINED LOW FLOW IN THE PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0190

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/01/92-09/01/92	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/01/92-09/01/92	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/01/92-09/01/92	1	35.	35.	35.	35.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: GRBA0191

NPS Station ID: GRBA0191
LAT/LON: 38.990559/-114.226949
Agency: 11NPSWRD
Date Created: 08/15/98
Location: BAKER CREEK #9
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): GRBA_USGS_BCK9
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE KIOUS SPRING NV 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED ON BAKER CREEK AND IS WITHIN THE BOUNDARIES OF GREAT BASIN NATIONAL PARK. THE DATA ARE FROMA REPORT BY THE U.S. GEOLOGICAL SURVEY; "GREAT BASIN PARK SEEPAGE RUN; SEPTEMBER 1-3; 1992"; AND CAN ALSO BE FOUND IN THE 1992 ANNUAL WATER DATA OF NEVADA REPORT. THE PURPOSE OF THIS REPORT WAS TO DOCUMENT GAINING AND LOSING REACHES OF STREAMS DURING A PERIOD OF SUSTAINED LOW FLOW IN THE PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0191

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/01/92-09/01/92	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/01/92-09/01/92	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/01/92-09/01/92	1	34.	34.	34.	34.	0.	0.	**	**	**	**

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

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

Station Inventory for Station: GRBA0192

NPS Station ID: GRBA0192 LAT/LON: 38.990670/-114.226949 Agency: 11NPSWRD Date Created: 07/11/98
Location: BAKER CREEK ABOVE GREY CLIFFS CAMPGROUND FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): GRBA_NPS_BAK904
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 Depth of Water: 0 Aquifer:
Major Basin: GREAT BASIN Elevation: 0 Water Body Id:
Minor Basin: GREAT SALT LAKE ECO Region:
RF1 Index: 16020301 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 16020301119900.00 RF3 Mile Point: 1.19 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE KIOUS SPRING NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT BAKER CREEK ABOVE GREY CLIFFS CAMPGROUND AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THIS SAMPLING SITE WAS REPLACED BY SITE BAK3 FOR STUDIES AFTER 1990. THE DATA ARE FROM SEVERAL YEARLY REPORTS (1990-97) BY KURT PFAFF; PHYSICAL SCIENCE TECHNICIAN FOR GRBA. A SURFACE WATER QUALITY MONITORING PROGRAM WAS INSTITUTED TO ACQUIRE DATA FROM THE PARK WATERS ON A SEMI-ANNUAL BASIS. DATA ARE INTEGRATED INTO THE PARK'S WATER RESOURCE MANAGEMENT PLAN IN ORDER TO PERPETUATE THE INHERENT NATURAL INTEGRITY OF ITS WATER-DEPENDENT ENVIRONMENTS. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0192

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/27/90-06/27/90	1	30.	30.	30.	30.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	06/27/90-06/27/90	1	7.11	7.11	7.11	7.11	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/27/90-06/27/90	1	7.11	7.11	7.11	7.11	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/27/90-06/27/90	1	0.078	0.078	0.078	0.078	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0192

			Total	Exceed	Prop.	----------9/15-4/14----------			----------4/15-6/14----------			----------6/15-9/14----------			----------n/a----------		
Parameter	Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00406 PH, FIELD	Fresh Chronic	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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0193

NPS Station ID: GRBA0193 LAT/LON: 38.990781/-114.205587 Agency: 11NPSWRD Date Created: 06/20/98
Location: BAKER CREEK AT INTERSECTION WITH GRBA BOUNDARY FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): GRBA_OSU_BAK4
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 Depth of Water: 0 Aquifer:
Major Basin: GREAT BASIN Elevation: 6740 Water Body Id:
Minor Basin: GREAT SALT LAKE ECO Region:
RF1 Index: 16020301 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 16020301119900.00 RF3 Mile Point: 1.19 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED AT THE KIOUS SPRING NV-WHITE PINE CO. 7.5 MINUTE SERIES (TOPO.) QUADRANGLE. THE SITE IS LOCATED AT BAKER CREEK AT ITS INTERSECTION WITH THE PARK BOUNDARY AND IS LOCATED WITHIN GREAT BASIN NATIONAL PARK (GRBA). THE DATA ARE FROM A REPORT BY RUTH JACOBS ET AL.; "CHEMICAL CHARACTERISTICS OF SURFACE WATERS OF GREAT BASIN NATIONAL PARK;" DECEMBER 1993. THIS REPORT WAS PREPARED IN COOPERATION WITH THE NATIONAL PARK SERVICE. THE STUDY WAS DESIGNED TO COLLECT WATER QUALITY DATA FOR THE PARK TO AID IN THE PREPARATION OF A WATER QUALITY MONITORING PROGRAM TO MEET MANAGEMENT PLAN OBJECTIVES. THE SAMPLES WERE FILTERED WITH A 1.2 UM FILTER IN THE FIELD. ICP METAL VALUES WERE UPLOADED TO STORET BUT ARE CONSIDERED TO BE SUSPECT. FOR MORE INFO. CONTACT THE CHIEF OF RESOURCES AT GRBA; BAKER NV 89311 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0193

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/15/92-10/16/92	8	8.	8.25	12.	5.	7.071	2.659	**	**	**	**
00064	DEPTH OF STREAM, MEAN (FT)	07/15/92-10/16/92	4	0.95	1.	1.2	0.9	0.02	0.141	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/15/92-10/16/92	9	33.	34.444	39.	32.	8.278	2.877	32.	32.	37.5	39.
00403	PH, LAB, STANDARD UNITS SU	06/15/92-10/16/92	10	7.5	7.75	8.7	7.5	0.227	0.477	7.5	7.5	7.85	8.69
00403	CONVERTED PH, LAB, STANDARD UNITS	06/15/92-10/16/92	10	7.5	7.612	8.7	7.5	0.248	0.498	7.5	7.5	7.85	8.69
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/15/92-10/16/92	10	0.032	0.024	0.032	0.002	0.	0.012	0.002	0.019	0.032	0.032
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/15/92-10/16/92	10	29.	29.6	33.	27.	4.489	2.119	27.	28.5	31.5	33.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/25/92-08/25/92	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/15/92-08/25/92	4	0.065	0.073	0.11	0.05	0.001	0.026	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/25/92-08/25/92	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/25/92-08/25/92	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	06/15/92-06/15/92	1 ##	0.023	0.023	0.023	0.023	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/25/92-08/25/92	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/25/92-08/25/92	1	3.7	3.7	3.7	3.7	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/25/92-08/25/92	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/25/92-08/25/92	1	1.58	1.58	1.58	1.58	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/25/92-08/25/92	1	0.37	0.37	0.37	0.37	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/25/92-08/25/92	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/25/92-08/25/92	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: GRBA0193

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/15/92-06/15/92	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	06/15/92-06/15/92	1 ##	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	06/15/92-06/15/92	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	06/15/92-06/15/92	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	06/15/92-06/15/92	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	06/15/92-06/15/92	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	06/15/92-06/15/92	1	148.	148.	148.	148.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	06/15/92-06/15/92	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	06/15/92-06/15/92	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	06/15/92-06/15/92	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	06/15/92-06/15/92	1 ##	3.	3.	3.	3.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	06/15/92-06/15/92	1	68.	68.	68.	68.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	06/15/92-06/15/92	1	146.	146.	146.	146.	0.	0.	**	**	**	**
01095	ANTIMONY, DISSOLVED (UG/L AS SB)	06/15/92-06/15/92	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01100	TIN, DISSOLVED (UG/L AS SN)	06/15/92-06/15/92	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	06/15/92-06/15/92	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	06/15/92-06/15/92	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
50098	CALCIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	06/15/92-06/15/92	1	11.49	11.49	11.49	11.49	0.	0.	**	**	**	**
50104	POTASSIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	06/15/92-06/15/92	1	0.93	0.93	0.93	0.93	0.	0.	**	**	**	**
50105	MAGNESIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	06/15/92-06/15/92	1	2.51	2.51	2.51	2.51	0.	0.	**	**	**	**
50108	SODIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	06/15/92-06/15/92	1	4.21	4.21	4.21	4.21	0.	0.	**	**	**	**
50932	SULFUR, DISSOLVED AS S MG/L	06/15/92-06/15/92	1	1.633	1.633	1.633	1.633	0.	0.	**	**	**	**
50938	ANION - CATION RATIO	08/25/92-08/25/92	1	1.05	1.05	1.05	1.05	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/25/92-08/25/92	1	24.	24.	24.	24.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/25/92-08/25/92	1	26.	26.	26.	26.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0193

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	10	0	0.00	3	0	0.00				7	0	0.00			
		Other-Lo Lim.	6.5	10	0	0.00	3	0	0.00				7	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			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00							1	0	0.00			
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00							1	0	0.00			
		Drinking Water	50.	1	0	0.00							1	0	0.00			
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00							1	0	0.00			
		Drinking Water	5.	1	0	0.00							1	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00							1	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00							1	0	0.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00							1	0	0.00			
		Drinking Water	15.	1	0	0.00							1	0	0.00			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	1	1.00							1	1	1.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			
01095	ANTIMONY, DISSOLVED	Fresh Acute	88.	1	0	0.00							1	0	0.00			
		Drinking Water	6.	0 &	0	0.00												

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

Station Inventory for Station: GRBA0194

NPS Station ID: GRBA0194 LAT/LON: 38.990781/-114.205587 Agency: 11NPSWRD Date Created: 07/11/98
Location: BAKER CREEK INTERSECTION WITH GRBA BOUNDARY FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): GRBA_NPS_BAK4
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 Depth of Water: 0 Aquifer:
Major Basin: GREAT BASIN Elevation: 6740 Water Body Id:
Minor Basin: GREAT SALT LAKE ECO Region:
RF1 Index: 16020301 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 16020301119900.00 RF3 Mile Point: 1.19 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE KIOUS SPRING NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT BAKER CREEK AT ITS INTERSECTION WITH THE PARK BOUNDARY AND IS LOCATED WITHIN GREAT BASIN NATIONAL PARK (GRBA). THE DATA ARE FROM SEVERAL YEARLY REPORTS (1990-97) BY KURT PFAFF; PHYSICAL SCIENCE TECHNICIAN FOR GRBA. A SURFACE WATER QUALITY MONITORING PROGRAM WAS INSTITUTED TO ACQUIRE THE DATA FROM THE PARK WATERS ON A SEMI-ANNUAL BASIS. DATA ARE INTEGRATED INTO THE PARK'S WATER RESOURCE MANAGEMENT PLAN IN ORDER TO PERPETUATE THE INHERENT NATURAL INTEGRITY OF ITS WATER-DEPENDENT ENVIRONMENTS. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0194

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/21/93-06/12/96	6	4.5	6.167	11.	2.	14.967	3.869	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	06/07/95-10/26/95	2	67.5	67.5	130.	5.	7812.5	88.388	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/15/91-06/12/96	8	41.5	43.375	67.	32.	112.554	10.609	**	**	**	**
00406p	PH, FIELD, STANDARD UNITS SU	10/15/91-06/12/96	16	7.465	7.459	7.65	7.15	0.019	0.137	7.192	7.395	7.58	7.629
00406p	CONVERTED PH, FIELD, STANDARD UNITS	10/15/91-06/12/96	16	7.465	7.438	7.65	7.15	0.019	0.139	7.192	7.395	7.58	7.629
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/15/91-06/12/96	16	0.034	0.037	0.071	0.022	0.	0.013	0.024	0.026	0.04	0.064

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

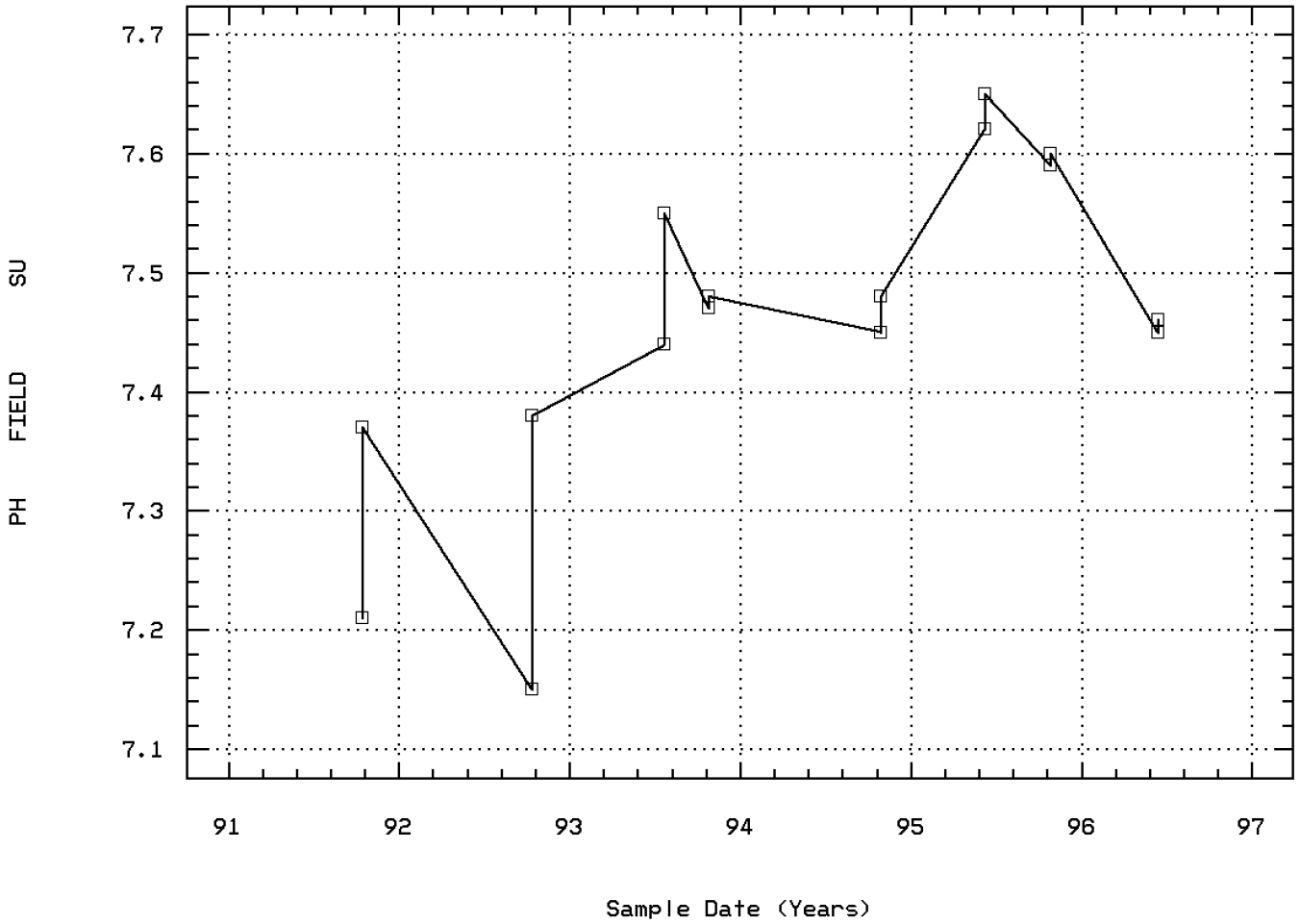
EPA Water Quality Criteria Analysis for Station: GRBA0194

			Total	Exceed	Prop.	9/15-4/14			4/15-6/14			6/15-9/14			n/a		
Parameter	Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00406 PH, FIELD	Fresh Chronic	9.	16	0	0.00	10	0	0.00	4	0	0.00	2	0	0.00			
	Other-Lo Lim.	6.5	16	0	0.00	10	0	0.00	4	0	0.00	2	0	0.00			

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

Station: GRBA0194 Parameter Code: 00406

PH, FIELD, STANDARD UNITS



BAKER CREEK INTERSECTION WITH GRBA BOUN

Station Inventory for Station: GRBA0195

NPS Station ID: GRBA0195
LAT/LON: 38.990837/-114.220282
Agency: 11NPSWRD
Date Created: 08/15/98
Location: BAKER CREEK #11
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): GRBA_USGS_BCK11
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE KIOUS SPRING NV 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED ON BAKER CREEK AND IS WITHIN THE BOUNDARIES OF GREAT BASIN NATIONAL PARK. THE DATA ARE FROMA REPORT BY THE U.S. GEOLOGICAL SURVEY; "GREAT BASIN PARK SEEPAGE RUN; SEPTEMBER 1-3; 1992"; AND CAN ALSO BE FOUND IN THE 1992 ANNUAL WATER DATA OF NEVADA REPORT. THE PURPOSE OF THIS REPORT WAS TO DOCUMENT GAINING AND LOSING REACHES OF STREAMS DURING A PERIOD OF SUSTAINED LOW FLOW IN THE PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0195

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/92-09/02/92	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/02/92-09/02/92	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/92-09/02/92	1	33.	33.	33.	33.	0.	0.	**	**	**	**

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

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

Station Inventory for Station: GRBA0196

NPS Station ID: GRBA0196 LAT/LON: 38.990948/-114.223727 Agency: 11NPSWRD Date Created: 07/11/98
Location: BAKER CREEK UPPER CULVERT IN GREY CLIFFS CG FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): GRBA_NPS_BAK3
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 Depth of Water: 0 Aquifer:
Major Basin: GREAT BASIN Elevation: 7170 Water Body Id:
Minor Basin: GREAT SALT LAKE ECO Region:
RF1 Index: 16020301 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 16020301119900.00 RF3 Mile Point: 1.19 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE KIOUS SPRING NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT BAKER CREEK 2 METERS ABOVE HIGHEST CULVERT IN GREY CLIFFS CAMPGROUND AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM SEVERAL YEARLY REPORTS (1990-97) BY KURT PFAFF; PHYSICAL SCIENCE TECHNICIAN FOR GRBA. A SURFACE WATER QUALITY MONITORING PROGRAM WAS INSTITUTED TO ACQUIRE THE DATA FROM THE PARK WATERS ON A SEMI-ANNUAL BASIS. DATA ARE INTEGRATED INTO THE PARK'S WATER RESOURCE MANAGEMENT PLAN IN ORDER TO PERPETUATE THE INHERENT NATURAL INTEGRITY OF ITS WATER-DEPENDENT ENVIRONMENTS. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0196

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/21/93-10/26/95	5	4.	5.	10.	2.	9.	3.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/15/91-10/26/95	7	41.	39.143	44.	29.	24.81	4.981	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	10/15/91-10/26/95	14	7.44	7.419	7.6	7.09	0.016	0.126	7.19	7.365	7.493	7.585
00406	CONVERTED PH, FIELD, STANDARD UNITS	10/15/91-10/26/95	14	7.44	7.4	7.6	7.09	0.016	0.128	7.19	7.365	7.493	7.585
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/15/91-10/26/95	14	0.036	0.04	0.081	0.025	0.	0.014	0.026	0.032	0.043	0.066

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

EPA Water Quality Criteria Analysis for Station: GRBA0196

			Total	Exceed	Prop.	----------9/15-4/14----------			----------4/15-6/14----------			----------6/15-9/14----------			----------n/a----------		
Parameter	Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00406 PH, FIELD	Fresh Chronic	9.	14	0	0.00	10	0	0.00	2	0	0.00	2	0	0.00			
	Other-Lo Lim.	6.5	14	0	0.00	10	0	0.00	2	0	0.00	2	0	0.00			

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

Station Inventory for Station: GRBA0197

NPS Station ID: GRBA0197 LAT/LON: 38.990948/-114.356949 Agency: 11NPSWRD Date Created: 08/08/98
Location: PINE CREEK SPRING 200 METERS OUTSIDE PARK BDRY FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING STORET Station ID(s): GRBA_BOR_RP113
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 16060008 Depth of Water: 0 Aquifer:
Major Basin: GREAT BASIN Elevation: 8225 Water Body Id:
Minor Basin: CENTRAL NEVADA ECO Region:
RF1 Index: 16060008 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 16020301119900.00 RF3 Mile Point: 1.19 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WHEELER PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT A SPRING NEAR PINE CREEK APPROXIMATELY 200 METERS DOWNSTREAM OF THE PARK BOUNDARY AND IS IDENTIFIED AS RP113. THIS SITE IS LOCATED OUTSIDE THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM A REPORT BY THE BUREAU OF RECLAMATION; "GREAT BASIN NATIONAL PARK; HYDROLOGIC INVENTORY;" 1994. THE OBJECTIVE OF THIS STUDY WAS TO LOCATE AND DESCRIBE NATURAL SPRINGS AND SEEPS WITHIN GRBA THAT HAD REMAINED ACTIVE UNDER THE DROUGHT SITUATION OCCURRING AT THAT TIME. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0197

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/11/94-08/11/94	1	9.6	9.6	9.6	9.6	0.	0.	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	08/11/94-08/11/94	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/11/94-08/11/94	1	116.	116.	116.	116.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/11/94-08/11/94	1	6.97	6.97	6.97	6.97	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/11/94-08/11/94	1	6.97	6.97	6.97	6.97	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/11/94-08/11/94	1	0.107	0.107	0.107	0.107	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0197

			Total	Exceed	Prop.	9/15-4/14			4/15-6/14			6/15-9/14			n/a		
Parameter	Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00406 PH, FIELD	Fresh Chronic	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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0198

NPS Station ID: GRBA0198
LAT/LON: 38.995004/-114.198892
Agency: 11NPSWRD
Date Created: 08/15/98
Location: BAKER CREEK #15
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): GRBA_USGS_BCK15
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE KIOUS SPRING NV 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED ON BAKER CREEK AND IS OUTSIDE THE BOUNDARIES OF GREAT BASIN NATIONAL PARK. THE DATA ARE FROM A REPORT BY THE U.S. GEOLOGICAL SURVEY; "GREAT BASIN PARK SEEPAGE RUN; SEPTEMBER 1-3; 1992"; AND CAN ALSO BE FOUND IN THE 1992 ANNUAL WATER DATA OF NEVADA REPORT. THE PURPOSE OF THIS REPORT WAS TO DOCUMENT GAINING AND LOSING REACHES OF STREAMS DURING A PERIOD OF SUSTAINED LOW FLOW IN THE PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0198

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/92-09/02/92	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/02/92-09/02/92	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/92-09/02/92	1	168.	168.	168.	168.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: GRBA0199

NPS Station ID: GRBA0199 LAT/LON: 38.995087/-114.355059 Agency: 11NPSWRD Date Created: 06/20/98
Location: PINE CREEK AT INTERSECTION WITH GRBA BOUNDARY FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): GRBA_OSU_PIN1
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 16060008 Depth of Water: 0 Aquifer:
Major Basin: GREAT BASIN Elevation: 8110 Water Body Id:
Minor Basin: CENTRAL NEVADA ECO Region:
RF1 Index: 16060008 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 16020301119900.00 RF3 Mile Point: 1.19 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED AT THE WHEELER PEAK NV-WHITE PINE CO. 7.5 MINUTE SERIES (TOPO.) QUADRANGLE. THE SITE IS LOCATED AT PINE CREEK AT ITS INTERSECTION WITH THE PARK BOUNDARY AND IS LOCATED WITHIN GREAT BASIN NATIONAL PARK (GRBA). THE DATA ARE FROM A REPORT BY RUTH JACOBS ET AL.; "CHEMICAL CHARACTERISTICS OF SURFACE WATERS OF GREAT BASIN NATIONAL PARK;" DECEMBER 1993. THIS REPORT WAS PREPARED IN COOPERATION WITH THE NATIONAL PARK SERVICE. THE STUDY WAS DESIGNED TO COLLECT WATER QUALITY DATA FOR THE PARK TO AID IN THE PREPARATION OF A WATER QUALITY MONITORING PROGRAM TO MEET MANAGEMENT PLAN OBJECTIVES. THE SAMPLES WERE FILTERED WITH A 1.2 UM FILTER IN THE FIELD. ICP METAL VALUES WERE UPLOADED TO STORET BUT ARE CONSIDERED TO BE SUSPECT. FOR MORE INFO. CONTACT THE CHIEF OF RESOURCES AT GRBA; BAKER NV 89311 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0199

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/29/92-08/29/92	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00064	DEPTH OF STREAM, MEAN (FT)	08/29/92-08/29/92	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/29/92-08/29/92	1	35.	35.	35.	35.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/29/92-08/29/92	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/29/92-08/29/92	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/29/92-08/29/92	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/29/92-08/29/92	1	31.	31.	31.	31.	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/29/92-08/29/92	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/29/92-08/29/92	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/29/92-08/29/92	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/29/92-08/29/92	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/29/92-08/29/92	1 ##	0.023	0.023	0.023	0.023	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/29/92-08/29/92	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/29/92-08/29/92	1	4.1	4.1	4.1	4.1	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/29/92-08/29/92	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/29/92-08/29/92	1	1.14	1.14	1.14	1.14	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/29/92-08/29/92	1	0.24	0.24	0.24	0.24	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/29/92-08/29/92	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/29/92-08/29/92	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: GRBA0199

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/29/92-08/29/92	1	2.6	2.6	2.6	2.6	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/29/92-08/29/92	1 ##	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/29/92-08/29/92	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/29/92-08/29/92	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/29/92-08/29/92	1	21.	21.	21.	21.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	08/29/92-08/29/92	1	26.	26.	26.	26.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/29/92-08/29/92	1	233.	233.	233.	233.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	08/29/92-08/29/92	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/29/92-08/29/92	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	08/29/92-08/29/92	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	08/29/92-08/29/92	1 ##	3.	3.	3.	3.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/29/92-08/29/92	1	62.	62.	62.	62.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/29/92-08/29/92	1	183.	183.	183.	183.	0.	0.	**	**	**	**
01095	ANTIMONY, DISSOLVED (UG/L AS SB)	08/29/92-08/29/92	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01100	TIN, DISSOLVED (UG/L AS SN)	08/29/92-08/29/92	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/29/92-08/29/92	1	160.	160.	160.	160.	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	08/29/92-08/29/92	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
50098	CALCIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/29/92-08/29/92	1	14.23	14.23	14.23	14.23	0.	0.	**	**	**	**
50104	POTASSIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/29/92-08/29/92	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
50105	MAGNESIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/29/92-08/29/92	1	3.21	3.21	3.21	3.21	0.	0.	**	**	**	**
50108	SODIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/29/92-08/29/92	1	3.39	3.39	3.39	3.39	0.	0.	**	**	**	**
50932	SULFUR, DISSOLVED AS S MG/L	08/29/92-08/29/92	1	1.591	1.591	1.591	1.591	0.	0.	**	**	**	**
50938	ANION - CATION RATIO	08/29/92-08/29/92	1	1.01	1.01	1.01	1.01	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/29/92-08/29/92	1	31.	31.	31.	31.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/29/92-08/29/92	1	26.	26.	26.	26.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0199

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	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			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00							1	0	0.00			
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00							1	0	0.00			
		Drinking Water	50.	1	0	0.00							1	0	0.00			
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00							1	0	0.00			
		Drinking Water	5.	1	0	0.00							1	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00							1	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	1	1.00							1	1	1.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00							1	0	0.00			
		Drinking Water	15.	1	0	0.00							1	0	0.00			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	1	1.00							1	1	1.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			
01095	ANTIMONY, DISSOLVED	Fresh Acute	88.	1	0	0.00							1	0	0.00			
		Drinking Water	6.	0 &	0	0.00												

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

Station Inventory for Station: GRBA0200

NPS Station ID: GRBA0200 LAT/LON: 38.995087/-114.355059 Agency: 11NPSWRD Date Created: 07/11/98
Location: PINE CREEK INTERSECTION WITH GRBA BOUNDARY FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): GRBA_NPS_PIN1
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 16060008 Depth of Water: 0 Aquifer:
Major Basin: GREAT BASIN Elevation: 8110 Water Body Id:
Minor Basin: CENTRAL NEVADA ECO Region:
RF1 Index: 16060008 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 16020301119900.00 RF3 Mile Point: 1.19 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WHEELER PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT PINE CREEK AT ITS INTERSECTION WITH THE PARK BOUNDARY AND IS LOCATED WITHIN GREAT BASIN NATIONAL PARK. THE DATA ARE FROM SEVERAL YEARLY REPORTS (1990-97) BY KURT PFAFF; PHYSICAL SCIENCE TECHNICIAN FOR GREAT BASIN NATIONAL PARK. A SURFACE WATER QUALITY MONITORING PROGRAM WAS INSTITUTED TO ACQUIRE THE DATA FROM THE PARK WATERS ON A SEMI-ANNUAL BASIS. DATA ARE INTEGRATED INTO THE PARK'S WATER RESOURCE MANAGEMENT PLAN IN ORDER TO PERPETUATE THE INHERENT NATURAL INTEGRITY OF ITS WATER-DEPENDENT ENVIRONMENTS. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0200

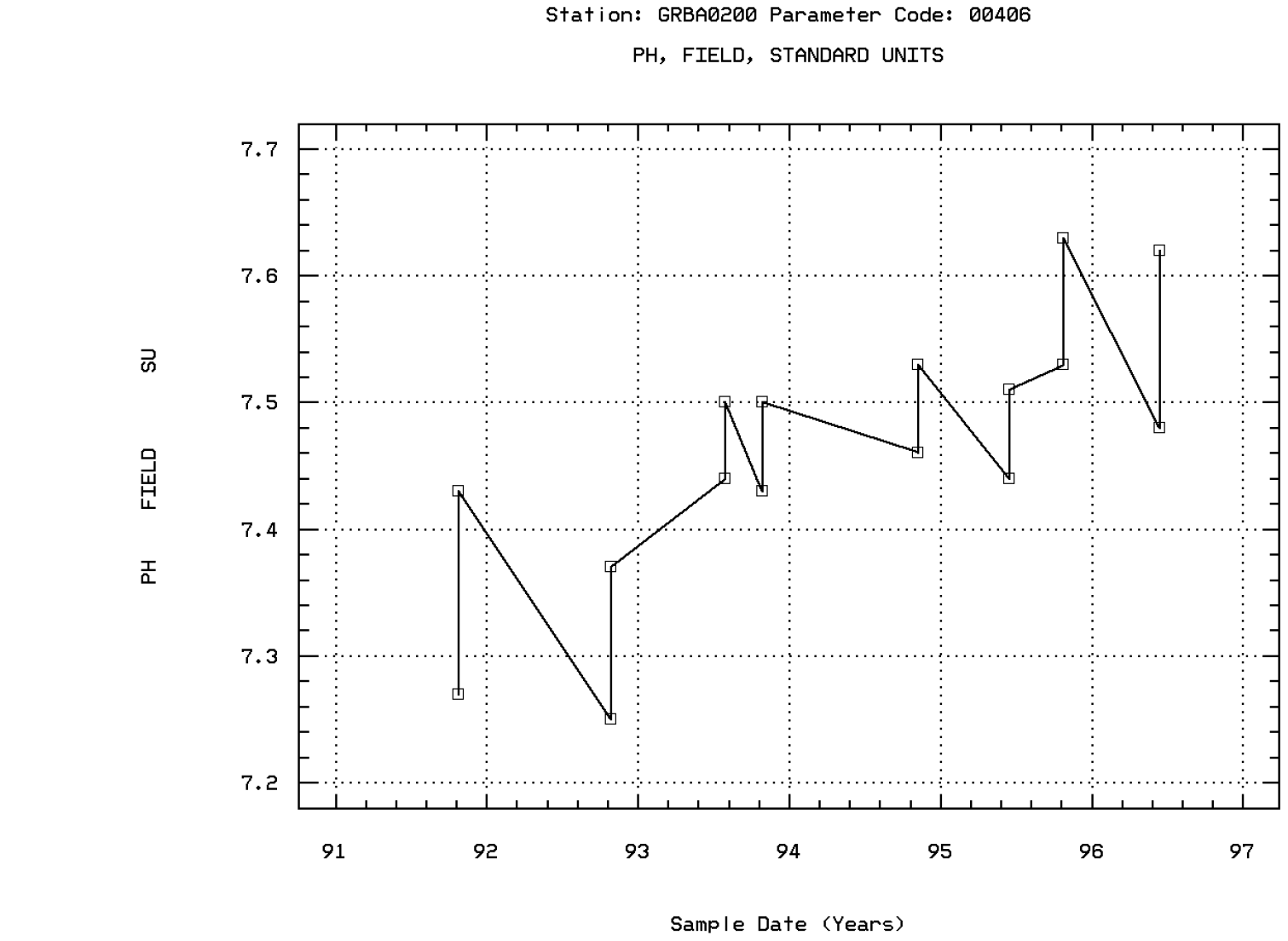
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/93-06/14/96	6	4.5	4.833	8.	2.	6.167	2.483	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/24/91-06/14/96	8	39.	40.5	50.	34.	24.857	4.986	**	**	**	**
00406p	PH, FIELD, STANDARD UNITS SU	10/24/91-06/14/96	16	7.47	7.462	7.63	7.25	0.011	0.104	7.264	7.43	7.525	7.623
00406p	CONVERTED PH, FIELD, STANDARD UNITS	10/24/91-06/14/96	16	7.47	7.45	7.63	7.25	0.011	0.104	7.264	7.43	7.525	7.623
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/24/91-06/14/96	16	0.034	0.035	0.056	0.023	0.	0.009	0.024	0.03	0.037	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: GRBA0200

			Total	Exceed	Prop.	9/15-4/14			4/15-6/14			6/15-9/14			n/a		
Parameter	Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00406 PH, FIELD	Fresh Chronic	9.	16	0	0.00	10	0	0.00	4	0	0.00	2	0	0.00			
	Other-Lo Lim.	6.5	16	0	0.00	10	0	0.00	4	0	0.00	2	0	0.00			

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



PINE CREEK INTERSECTION WITH GRBA BOUND

Station Inventory for Station: GRBA0201

NPS Station ID: GRBA0201 | LAT/LON: 38.995226/-114.353892 | Agency: 11NPSWRD | Date Created: 07/11/98
Location: PINE CREEK NEAR PARK BOUNDARY | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): GRBA_NPS_PIN901
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 16060008 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 0 | Water Body Id:
Minor Basin: CENTRAL NEVADA | ECO Region:
RF1 Index: 16060008 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WHEELER PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPO.) QUAD. THE SITE IS AT PINE CREEK AND IS JUST INSIDE THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THIS SAMPLING SITE WAS REPLACED BY SITE PIN1 FOR STUDIES AFTER 1990. THE DATA ARE FROM SEVERAL YEARLY REPORTS (1990-97) BY KURT PFAFF; PHYSICAL SCIENCE TECHNICIAN FOR GRBA. A SURFACE WATER QUALITY MONITORING PROGRAM WAS INSTITUTED TO ACQUIRE DATA FROM THE PARK WATERS ON A SEMI- ANNUAL BASIS. DATA ARE INTEGRATED INTO THE PARK'S WATER RESOURCE MANAGEMENT PLAN IN ORDER TO PERPETUATE THE INHERENT NATURAL INTEGRITY OF ITS WATER-DEPENDENT ENVIRONMENTS. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (702-234-7331).DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0201

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/12/90-07/12/90	1	29.	29.	29.	29.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/12/90-07/12/90	1	7.44	7.44	7.44	7.44	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/12/90-07/12/90	1	7.44	7.44	7.44	7.44	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/12/90-07/12/90	1	0.036	0.036	0.036	0.036	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0201

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00406	PH, FIELD	Fresh Chronic	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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0202

NPS Station ID: GRBA0202 LAT/LON: 38.995503/-114.338170 Agency: 11NPSWRD Date Created: 08/08/98
Location: PINE CREEK SPRING 1500 METERS FROM PARK BDRY FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING STORET Station ID(s): GRBA_BOR_RP104
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 16060008 Depth of Water: 0 Aquifer:
Major Basin: GREAT BASIN Elevation: 9500 Water Body Id:
Minor Basin: CENTRAL NEVADA ECO Region:
RF1 Index: 16060008 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 16020301119900.00 RF3 Mile Point: 1.19 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WHEELER PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT A SPRING ON PINE CREEK APPROXIMATELY 1500 METERS UPSTREAM OF THE PARK BOUNDARY AND IS IDENTIFIED AS RP104. THIS SITE IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM A REPORT BY THE BUREAU OF RECLAMATION; "GREAT BASIN NATIONAL PARK; HYDROLOGIC INVENTORY;" 1994. THE OBJECTIVE OF THIS STUDY WAS TO LOCATE AND DESCRIBE NATURAL SPRINGS AND SEEPS WITHIN GRBA THAT HAD REMAINED ACTIVE UNDER THE DROUGHT SITUATION OCCURRING AT THAT TIME. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0202

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/94-08/10/94	1	4.1	4.1	4.1	4.1	0.	0.	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	08/10/94-08/10/94	1	0.75	0.75	0.75	0.75	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/10/94-08/10/94	1	29.	29.	29.	29.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/10/94-08/10/94	1	7.75	7.75	7.75	7.75	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/10/94-08/10/94	1	7.75	7.75	7.75	7.75	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/10/94-08/10/94	1	0.018	0.018	0.018	0.018	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0202

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00406	PH, FIELD	Fresh Chronic	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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0203

NPS Station ID: GRBA0203
LAT/LON: 38.996115/-114.191670
Agency: 11NPSWRD
Date Created: 08/15/98
Location: BAKER CREEK #14
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): GRBA_USGS_BCK14
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE KIOUS SPRING NV 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED ON BAKER CREEK AND IS OUTSIDE THE BOUNDARIES OF GREAT BASIN NATIONAL PARK. THE DATA ARE FROM A REPORT BY THE U.S. GEOLOGICAL SURVEY; "GREAT BASIN PARK SEEPAGE RUN; SEPTEMBER 1-3; 1992"; AND CAN ALSO BE FOUND IN THE 1992 ANNUAL WATER DATA OF NEVADA REPORT. THE PURPOSE OF THIS REPORT WAS TO DOCUMENT GAINING AND LOSING REACHES OF STREAMS DURING A PERIOD OF SUSTAINED LOW FLOW IN THE PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0203

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/92-09/02/92	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/02/92-09/02/92	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/92-09/02/92	1	50.	50.	50.	50.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: GRBA0204

NPS Station ID: GRBA0204 | LAT/LON: 38.996227/-114.337921 | Agency: 11NPSWRD | Date Created: 08/08/98
Location: PINE CREEK SPRING NEAR MEADOW | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): GRBA_BOR_RP102
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 16060008 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 9435 | Water Body Id:
Minor Basin: CENTRAL NEVADA | ECO Region:
RF1 Index: 16060008 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WHEELER PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT A SPRING ON PINE CREEK AND IS NEAR THE LOWER NORTH SIDE OF A MEADOW. THE SPRING IS IDENTIFIED AS RP102 AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM A REPORT BY THE BUREAU OF RECLAMATION; "GREAT BASIN NATIONAL PARK; HYDROLOGIC INVENTORY;" 1994. THE OBJECTIVE OF THIS STUDY WAS TO LOCATE AND DESCRIBE NATURAL SPRINGS AND SEEPS WITHIN GRBA THAT HAD REMAINED ACTIVE UNDER THE DROUGHT SITUATION OCCURRING AT THAT TIME. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0204

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/94-08/10/94	1	4.5	4.5	4.5	4.5	0.	0.	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	08/10/94-08/10/94	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/10/94-08/10/94	1	33.	33.	33.	33.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/10/94-08/10/94	1	7.75	7.75	7.75	7.75	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/10/94-08/10/94	1	7.75	7.75	7.75	7.75	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/10/94-08/10/94	1	0.018	0.018	0.018	0.018	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0204

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00406	PH, FIELD	Fresh Chronic	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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0205

NPS Station ID: GRBA0205 LAT/LON: 38.996670/-114.344587 Agency: 11NPSWRD Date Created: 08/08/98
Location: PINE CK SPG 950 METERS UPSTREAM OF PARK BDRY FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING STORET Station ID(s): GRBA_BOR_RP105
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 16060008 Depth of Water: 0 Aquifer:
Major Basin: GREAT BASIN Elevation: 8800 Water Body Id:
Minor Basin: CENTRAL NEVADA ECO Region:
RF1 Index: 16060008 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 16020301119900.00 RF3 Mile Point: 1.19 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WHEELER PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT A SPRING ON PINE CREEK APPROXIMATELY 950 METERS UPSTREAM OF THE PARK BOUNDARY AND IS IDENTIFIED AS RP105. THIS SITE IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM A REPORT BY THE BUREAU OF RECLAMATION; "GREAT BASIN NATIONAL PARK; HYDROLOGIC INVENTORY;" 1994. THE OBJECTIVE OF THIS STUDY WAS TO LOCATE AND DESCRIBE NATURAL SPRINGS AND SEEPS WITHIN GRBA THAT HAD REMAINED ACTIVE UNDER THE DROUGHT SITUATION OCCURRING AT THAT TIME. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0205

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/94-08/10/94	1	4.1	4.1	4.1	4.1	0.	0.	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	08/10/94-08/10/94	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/10/94-08/10/94	1	33.	33.	33.	33.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/10/94-08/10/94	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/10/94-08/10/94	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/10/94-08/10/94	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: GRBA0205

			Total	Exceed	Prop.	9/15-4/14			4/15-6/14			6/15-9/14			n/a		
Parameter	Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00406 PH, FIELD	Fresh Chronic	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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0206

NPS Station ID: GRBA0206 LAT/LON: 38.996865/-114.337976 Agency: 11NPSWRD Date Created: 08/08/98
Location: PINE CREEK SPRING 1500 METERS FROM PARK BDRY FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING STORET Station ID(s): GRBA_BOR_RP101
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 16060008 Depth of Water: 0 Aquifer:
Major Basin: GREAT BASIN Elevation: 9365 Water Body Id:
Minor Basin: CENTRAL NEVADA ECO Region:
RF1 Index: 16060008 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 16020301119900.00 RF3 Mile Point: 1.19 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WHEELER PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT A SPRING ON PINE CREEK APPROXIMATELY 1500 METERS UPSTREAM OF THE PARK BOUNDARY AND IS IDENTIFIED AS RP101. THIS SITE IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM A REPORT BY THE BUREAU OF RECLAMATION; "GREAT BASIN NATIONAL PARK; HYDROLOGIC INVENTORY;" 1994. THE OBJECTIVE OF THIS STUDY WAS TO LOCATE AND DESCRIBE NATURAL SPRINGS AND SEEPS WITHIN GRBA THAT HAD REMAINED ACTIVE UNDER THE DROUGHT SITUATION OCCURRING AT THAT TIME. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0206

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/94-08/10/94	1	5.1	5.1	5.1	5.1	0.	0.	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	08/10/94-08/10/94	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/10/94-08/10/94	1	41.	41.	41.	41.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/10/94-08/10/94	1	7.57	7.57	7.57	7.57	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/10/94-08/10/94	1	7.57	7.57	7.57	7.57	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/10/94-08/10/94	1	0.027	0.027	0.027	0.027	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0206

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00406	PH, FIELD	Fresh Chronic	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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0207

NPS Station ID: GRBA0207
LAT/LON: 38.997226/-114.187505
Agency: 11NPSWRD
Date Created: 08/15/98
Location: BAKER CREEK #17
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): GRBA_USGS_BCK17
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE KIOUS SPRING NV 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED ON BAKER CREEK AND IS OUTSIDE THE BOUNDARIES OF GREAT BASIN NATIONAL PARK. THE DATA ARE FROM A REPORT BY THE U.S. GEOLOGICAL SURVEY; "GREAT BASIN PARK SEEPAGE RUN; SEPTEMBER 1-3; 1992"; AND CAN ALSO BE FOUND IN THE 1992 ANNUAL WATER DATA OF NEVADA REPORT. THE PURPOSE OF THIS REPORT WAS TO DOCUMENT GAINING AND LOSING REACHES OF STREAMS DURING A PERIOD OF SUSTAINED LOW FLOW IN THE PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0207

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/92-09/02/92	1	19.5	19.5	19.5	19.5	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/02/92-09/02/92	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/92-09/02/92	1	121.	121.	121.	121.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: GRBA0208

NPS Station ID: GRBA0208 LAT/LON: 38.997420/-114.341003 Agency: 11NPSWRD Date Created: 08/08/98
Location: SPRING ON PINE CREEK UPSTREAM OF PARK BOUNDARY FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING STORET Station ID(s): GRBA_BOR_RP106
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 16060008 Depth of Water: 0 Aquifer:
Major Basin: GREAT BASIN Elevation: 9100 Water Body Id:
Minor Basin: CENTRAL NEVADA ECO Region:
RF1 Index: 16060008 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 16020301119900.00 RF3 Mile Point: 1.19 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WHEELER PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT A SPRING ON PINE CREEK APPROXIMATELY 1200 METERS UPSTREAM OF THE PARK BOUNDARY AND IS IDENTIFIED AS RP106. THIS SITE IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM A REPORT BY THE BUREAU OF RECLAMATION; "GREAT BASIN NATIONAL PARK; HYDROLOGIC INVENTORY;" 1994. THE OBJECTIVE OF THIS STUDY WAS TO LOCATE AND DESCRIBE NATURAL SPRINGS AND SEEPS WITHIN GRBA THAT HAD REMAINED ACTIVE UNDER THE DROUGHT SITUATION OCCURRING AT THAT TIME. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/10/94-08/10/94	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	08/10/94-08/10/94	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/10/94-08/10/94	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/10/94-08/10/94	1	7.45	7.45	7.45	7.45	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/10/94-08/10/94	1	7.45	7.45	7.45	7.45	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/10/94-08/10/94	1	0.035	0.035	0.035	0.035	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0208

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00406	PH, FIELD	Fresh Chronic	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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0209

NPS Station ID: GRBA0209
LAT/LON: 38.999170/-114.187781
Agency: 11NPSWRD
Date Created: 08/15/98
Location: BAKER CREEK #16
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): GRBA_USGS_BCK16
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE KIOUS SPRING NV 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED ON BAKER CREEK AND IS OUTSIDE THE BOUNDARIES OF GREAT BASIN NATIONAL PARK. THE DATA ARE FROM A REPORT BY THE U.S. GEOLOGICAL SURVEY; "GREAT BASIN PARK SEEPAGE RUN; SEPTEMBER 1-3; 1992"; AND CAN ALSO BE FOUND IN THE 1992 ANNUAL WATER DATA OF NEVADA REPORT. THE PURPOSE OF THIS REPORT WAS TO DOCUMENT GAINING AND LOSING REACHES OF STREAMS DURING A PERIOD OF SUSTAINED LOW FLOW IN THE PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0209

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/92-09/02/92	1	17.5	17.5	17.5	17.5	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/02/92-09/02/92	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/92-09/02/92	1	72.	72.	72.	72.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: GRBA0210

NPS Station ID: GRBA0210 | LAT/LON: 39.001976/-114.381477 | Agency: 11NPSWRD | Date Created: 11/21/98
Location: SHINGLE CREEK DIVERSION INLET | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): GRBA_EPA_GBS22
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 16060008 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 7060 | Water Body Id:
Minor Basin: CENTRAL NEVADA | ECO Region:
RF1 Index: 16060008 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE HOGUM NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPO.) QUADRANGLE. THE SITE IS LOCATED AT SHINGLE CREEK AT THE DIVERSION INLET AND IS LOCATED OUTSIDE THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM A REPORT BY RICHARD METCALF ET AL.; "CHEMISTRY OF SELECTED LAKES AND STREAMS IN GREAT BASIN NATIONAL PARK NEVADA DURING WINTER AND SPRING 1989;" SEPTEMBER 1992. THIS REPORT WAS PREPARED UNDER A COOPERATIVE AGREEMENT BETWEEN THE NPS AND THE ENVIRONMENTAL PROTECTION AGENCY IN AN EFFORT TO OBTAIN A COMPLETE CHEMICAL ANALYSIS OF THE WATERS IN GRBA. THE DATA ARE MEANT TO BE USED IN PARK RESOURCE ASSESSMENT; IN FUTURE STUDIES; AND AS A SOURCE OF BASELINE WATER QUALITY ANALYSES. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0210

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/31/89-05/31/89	1	84.	84.	84.	84.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/31/89-05/31/89	1	7.71	7.71	7.71	7.71	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/31/89-05/31/89	1	7.71	7.71	7.71	7.71	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/31/89-05/31/89	1	0.019	0.019	0.019	0.019	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/31/89-05/31/89	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	05/31/89-05/31/89	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	05/31/89-05/31/89	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/31/89-05/31/89	1	11.6	11.6	11.6	11.6	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/31/89-05/31/89	1	2.1	2.1	2.1	2.1	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/31/89-05/31/89	1	2.13	2.13	2.13	2.13	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/31/89-05/31/89	1	0.28	0.28	0.28	0.28	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/31/89-05/31/89	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/31/89-05/31/89	1	3.3	3.3	3.3	3.3	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	05/31/89-05/31/89	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	05/31/89-05/31/89	1	31.	31.	31.	31.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	05/31/89-05/31/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	05/31/89-05/31/89	1 ##	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/31/89-05/31/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	05/31/89-05/31/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

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

Parameter Inventory for Station: GRBA0210

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01040	COPPER, DISSOLVED (UG/L AS CU)	05/31/89-05/31/89	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	05/31/89-05/31/89	1 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	05/31/89-05/31/89	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/31/89-05/31/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01057	THALLIUM, DISSOLVED (UG/L AS TL)	05/31/89-05/31/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	05/31/89-05/31/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	05/31/89-05/31/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	05/31/89-05/31/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	05/31/89-05/31/89	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01095	ANTIMONY, DISSOLVED (UG/L AS SB)	05/31/89-05/31/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	05/31/89-05/31/89	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	05/31/89-05/31/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/31/89-05/31/89	1	7060.	7060.	7060.	7060.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0210

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00				1	0	0.00						
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00				1	0	0.00						
		Drinking Water	250.	1	0	0.00				1	0	0.00						
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00				1	0	0.00						
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00				1	0	0.00						
		Drinking Water	50.	1	0	0.00				1	0	0.00						
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00				1	0	0.00						
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	1	0	0.00				1	0	0.00						
		Drinking Water	4.	1	0	0.00				1	0	0.00						
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00				1	0	0.00						
		Drinking Water	5.	1	0	0.00				1	0	0.00						
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00				1	0	0.00						
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00				1	0	0.00						
		Drinking Water	1300.	1	0	0.00				1	0	0.00						
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00				1	0	0.00						
		Drinking Water	15.	1	0	0.00				1	0	0.00						
01057	THALLIUM, DISSOLVED	Fresh Acute	1400.	1	0	0.00				1	0	0.00						
		Drinking Water	2.	1	0	0.00				1	0	0.00						
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00				1	0	0.00						
		Drinking Water	100.	1	0	0.00				1	0	0.00						
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00				1	0	0.00						
		Drinking Water	100.	1	0	0.00				1	0	0.00						
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00				1	0	0.00						
		Drinking Water	5000.	1	0	0.00				1	0	0.00						
01095	ANTIMONY, DISSOLVED	Fresh Acute	88.	1	0	0.00				1	0	0.00						
		Drinking Water	6.	1	0	0.00				1	0	0.00						
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00				1	0	0.00						
		Drinking Water	50.	1	0	0.00				1	0	0.00						

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

Station Inventory for Station: GRBA0211

NPS Station ID: GRBA0211 | LAT/LON: 39.002087/-114.311420 | Agency: 11NPSWRD | Date Created: 03/06/99
Location: TERESA LAKE SPRING | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): GRBA_ACHEM_TLS
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 3206 | Water Body Id:
Minor Basin: GREAT SALT LAKE | ECO Region:
RF1 Index: 16020301 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT A SPRING SOUTHWEST OF TERESA LAKE AND IS WITHIN THE BOUNDARIES OF GREAT BASIN NATIONAL PARK. THE DATA ARE FROM A MASTER'S THESIS PREPARED BY STEPHEN ACHAEMPONG; "ISOTOPE HYDROLOGY OF LEHMAN AND BAKER CREEKS DRAIN- AGES; GREAT BASIN NATIONAL PARK; NEVADA." THIS THESIS WAS SUBMITTED TO THE DEPARTMENT OF GEOSCIENCE; UNIVERSITY OF NEVADA; LAS VEGAS IN AUGUST OF 1992. THE DATA WERE COLLECTED IN ORDER TO UNDERSTAND THE RECHARGE AND MIXING MECHANISMS OF WATER RESOURCES IN THE PARK USING ENVIRONMEN- TALLY STABLE ISOTOPES OF DEUTERIUM AND OXYGEN-18. DATES WERE ESTIMATED AS RAW DATA WERE UNAVAILABLE. FOR MORE INFORMATION ON THE PARK CONTACT THE CHIEF OF RESOURCES AT GRBA; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0211

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/15/90-09/15/91	7	6.	6.614	17.	1.	35.275	5.939	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/15/90-09/15/91	7	10.	10.429	17.	5.	12.952	3.599	**	**	**	**
82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	08/15/90-09/15/91	7	-105.	-105.571	-102.	-112.	10.952	3.309	**	**	**	**
82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	08/15/90-09/15/91	7	-15.	-14.857	-14.	-15.	0.143	0.378	**	**	**	**

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

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

Station Inventory for Station: GRBA0212

NPS Station ID: GRBA0212 | LAT/LON: 39.002281/-114.311477 | Agency: 11NPSWRD | Date Created: 11/21/98
Location: SPRING ABOVE TERESA LAKE | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): GRBA_EPA_GBS4
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 10270 | Water Body Id:
Minor Basin: GREAT SALT LAKE | ECO Region:
RF1 Index: 16020301 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT THE SPRING ABOVE TERESA LAKE AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM A REPORT BY RICHARD METCALF ET AL.; "CHEMISTRY OF SELECTED LAKES AND STREAMS IN GREAT BASIN NATIONAL PARK NEVADA DURING WINTER AND SPRING 1989;" SEPTEMBER 1992. THIS REPORT WAS PREPARED UNDER A COOPERATIVE AGREEMENT BETWEEN THE NATIONAL PARK SERVICE AND THE ENVIRONMENTAL PROTECTION AGENCY IN AN EFFORT TO OBTAINA COMPLETE CHEMICAL ANALYSIS OF THE WATERS IN GRBA. THE DATA ARE MEANT TO BE USED IN PARK RESOURCE ASSESSMENT; IN FUTURE STUDIES; AND AS A SOURCE OF BASELINE WATER QUALITY ANALYSES. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0212

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/23/89-05/23/89	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/23/89-05/23/89	1	6.85	6.85	6.85	6.85	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/23/89-05/23/89	1	6.85	6.85	6.85	6.85	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/89-05/23/89	1	0.141	0.141	0.141	0.141	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/23/89-05/23/89	1	1.71	1.71	1.71	1.71	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	05/23/89-05/23/89	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	05/23/89-05/23/89	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/23/89-05/23/89	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/23/89-05/23/89	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/23/89-05/23/89	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/23/89-05/23/89	1	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/23/89-05/23/89	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/23/89-05/23/89	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	05/23/89-05/23/89	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	05/23/89-05/23/89	1	63.	63.	63.	63.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	05/23/89-05/23/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	05/23/89-05/23/89	1 ##	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/23/89-05/23/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	05/23/89-05/23/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

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

Parameter Inventory for Station: GRBA0212

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01040	COPPER, DISSOLVED (UG/L AS CU)	05/23/89-05/23/89	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	05/23/89-05/23/89	1	57.	57.	57.	57.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	05/23/89-05/23/89	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/23/89-05/23/89	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
01057	THALLIUM, DISSOLVED (UG/L AS TL)	05/23/89-05/23/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	05/23/89-05/23/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	05/23/89-05/23/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	05/23/89-05/23/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	05/23/89-05/23/89	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01095	ANTIMONY, DISSOLVED (UG/L AS SB)	05/23/89-05/23/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	05/23/89-05/23/89	1	199.	199.	199.	199.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	05/23/89-05/23/89	1 ##	3.5	3.5	3.5	3.5	0.	0.	**	**	**	**
72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/23/89-05/23/89	1	10270.	10270.	10270.	10270.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0212

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00				1	0	0.00						
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00				1	0	0.00						
		Drinking Water	250.	1	0	0.00				1	0	0.00						
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00				1	0	0.00						
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00				1	0	0.00						
		Drinking Water	50.	1	0	0.00				1	0	0.00						
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00				1	0	0.00						
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	1	0	0.00				1	0	0.00						
		Drinking Water	4.	1	0	0.00				1	0	0.00						
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00				1	0	0.00						
		Drinking Water	5.	1	0	0.00				1	0	0.00						
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00				1	0	0.00						
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00				1	0	0.00						
		Drinking Water	1300.	1	0	0.00				1	0	0.00						
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00				1	0	0.00						
		Drinking Water	15.	1	0	0.00				1	0	0.00						
01057	THALLIUM, DISSOLVED	Fresh Acute	1400.	1	0	0.00				1	0	0.00						
		Drinking Water	2.	1	0	0.00				1	0	0.00						
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00				1	0	0.00						
		Drinking Water	100.	1	0	0.00				1	0	0.00						
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00				1	0	0.00						
		Drinking Water	100.	1	0	0.00				1	0	0.00						
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00				1	0	0.00						
		Drinking Water	5000.	1	0	0.00				1	0	0.00						
01095	ANTIMONY, DISSOLVED	Fresh Acute	88.	1	0	0.00				1	0	0.00						
		Drinking Water	6.	1	0	0.00				1	0	0.00						
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00				1	0	0.00						
		Drinking Water	50.	1	0	0.00				1	0	0.00						

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

Station Inventory for Station: GRBA0213

NPS Station ID: GRBA0213 | LAT/LON: 39.002365/-114.311198 | Agency: 11NPSWRD | Date Created: 11/21/98
Location: TERESA LAKE NEAR TERESA SPRING | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): GRBA_EPA_TL9
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 10260 | Water Body Id:
Minor Basin: GREAT SALT LAKE | ECO Region:
RF1 Index: 16020301 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED NEAR TERESA SPRING AT THE 1988 MINIMONITOR SITE AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM A REPORT BY RICHARD METCALF ET AL.; "CHEMISTRY OF SELECTED LAKES AND STREAMS IN GREAT BASIN NATIONAL PARK NEVADA DURING WINTER AND SPRING 1989;" SEPTEMBER 1992. THIS REPORT WAS PREPARED UNDER A COOPERATIVE AGREEMENT BETWEEN THE NPS AND THE ENVIRONMENTAL PROTECTION AGENCY IN AN EFFORT TO OBTAIN A COMPLETE CHEMICAL ANALYSIS OF THE WATERS IN GRBA. THE DATA ARE MEANT TO BE USED IN PARK RESOURCE ASSESSMENT; IN FUTURE STUDIES; AND AS A SOURCE OF BASELINE WATER QUALITY ANALYSES. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0213

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/89-05/23/89	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	05/23/89-05/23/89	1	274.	274.	274.	274.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/23/89-05/23/89	1	35.	35.	35.	35.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/23/89-05/23/89	1	8.7	8.7	8.7	8.7	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/23/89-05/23/89	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/23/89-05/23/89	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/89-05/23/89	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/23/89-05/23/89	1	10260.	10260.	10260.	10260.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0213

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00				1	0	0.00						

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

EPA Water Quality Criteria Analysis for Station: GRBA0213

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400 PH	Fresh Chronic	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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0214

NPS Station ID: GRBA0214
LAT/LON: 39.002781/-114.311115
Agency: 112WRD
Date Created: 03/27/82
Location: 184 N13 E68 11CAC THERESA LAKE FEEDER
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 390010114184001
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 16060008
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 16060008
RF1 Mile Point: 0.000
Distance from RF1: 6.30
On/Off RF1:
RF3 Index: 16060008053300.00
RF3 Mile Point: 0.00
Distance from RF3: 0.12
On/Off RF3:
Description:

Parameter Inventory for Station: GRBA0214

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/23/81-07/23/81	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/23/81-07/23/81	1	20.	20.	20.	20.	0.	0.	**	**	**	**
82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	07/23/81-07/23/81	1	-106.	-106.	-106.	-106.	0.	0.	**	**	**	**
82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	07/23/81-07/23/81	1	-14.7	-14.7	-14.7	-14.7	0.	0.	**	**	**	**

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

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

Station Inventory for Station: GRBA0215

NPS Station ID: GRBA0215 | LAT/LON: 39.002837/-114.310781 | Agency: 11NPSWRD | Date Created: 11/21/98
Location: SOUTHWEST END OF TERESA LAKE | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): GRBA_EPA_TL8
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 10260 | Water Body Id:
Minor Basin: GREAT SALT LAKE | ECO Region:
RF1 Index: 16020301 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPO.) QUADRANGLE. THE SITE IS LOCATED AT THE SOUTHWEST END OF TERESA LAKE AT THE SPRING INFLOW AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM A REPORT BY RICHARD METCALF ET AL.; "CHEMISTRY OF SELECTED LAKES AND STREAMS IN GREAT BASIN NATIONAL PARK NEVADA DURING WINTER AND SPRING 1989;" SEPT.; 1992. THIS REPORT WAS PREPARED UNDER A COOPERATIVE AGREEMENT BETWEEN THE NPS AND THE ENVIRONMENTAL PROTECTION AGENCY IN AN EFFORT TO OBTAIN A COMPLETE CHEMICAL ANALYSIS OF THE WATERS IN GRBA. THE DATA ARE MEANT TO BE USED IN PARK RESOURCE ASSESSMENT; IN FUTURE STUDIES; AND AS A SOURCE OF BASELINE WATER QUALITY ANALYSES. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0215

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/89-05/23/89	1	2.8	2.8	2.8	2.8	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/23/89-05/23/89	1	32.	32.	32.	32.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/23/89-05/23/89	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/23/89-05/23/89	1	7.53	7.53	7.53	7.53	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/23/89-05/23/89	1	7.53	7.53	7.53	7.53	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/89-05/23/89	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/23/89-05/23/89	1	10260.	10260.	10260.	10260.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0215

				Total	Exceed	Prop.	9/15-4/14			4/15-6/14			6/15-9/14			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00				1	0	0.00						
00400	PH	Fresh Chronic	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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0216

NPS Station ID: GRBA0216
LAT/LON: 39.002948/-114.310365
Agency: 11NPSWRD
Date Created: 11/21/98
Location: SOUTHERN END OF TERESA LAKE
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): GRBA_EPA_TL6
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 10260
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT THE SOUTH END OF TERESA LAKE AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM A REPORT BY RICHARD METCALF ET AL.; "CHEMISTRY OF SELECTED LAKES AND STREAMS IN GREAT BASIN NATIONAL PARK NEVADA DURING WINTER AND SPRING 1989;" SEPTEMBER 1992. THIS REPORT WAS PREPARED UNDER A COOPERATIVE AGREEMENT BETWEEN THE NATIONAL PARK SERVICE AND THE ENVIRONMENTAL PROTECTION AGENCY IN AN EFFORT TO OBTAINA COMPLETE CHEMICAL ANALYSIS OF THE WATERS IN GRBA. THE DATA ARE MEANT TO BE USED IN PARK RESOURCE ASSESSMENT; IN FUTURE STUDIES; AND AS A SOURCE OF BASELINE WATER QUALITY ANALYSES. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0216

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/89-05/23/89	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/23/89-05/23/89	1	28.	28.	28.	28.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/23/89-05/23/89	1	8.9	8.9	8.9	8.9	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/23/89-05/23/89	1	7.56	7.56	7.56	7.56	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/23/89-05/23/89	1	7.56	7.56	7.56	7.56	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/89-05/23/89	1	0.028	0.028	0.028	0.028	0.	0.	**	**	**	**
72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/23/89-05/23/89	1	10260.	10260.	10260.	10260.	0.	0.	**	**	**	**
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	05/23/89-05/23/89	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: GRBA0216

				Total	Exceed	Prop.	----------9/15-4/14----------			----------4/15-6/14----------			----------6/15-9/14----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00				1	0	0.00						

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

EPA Water Quality Criteria Analysis for Station: GRBA0216

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400 PH	Fresh Chronic	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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0217

NPS Station ID: GRBA0217
LAT/LON: 39.002977/-114.310642
Agency: 11NPSWRD
Date Created: 11/21/98
Location: TERESA LAKE SOUTH HALF
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): GRBA_EPA_GBW1
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 10260
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED IN THE SOUTH HALF OF TERESA LAKE AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM A REPORT BY RICHARD METCALF ET AL.; "CHEMISTRY OF SELECTED LAKES AND STREAMS IN GREAT BASIN NATIONAL PARK NEVADA DURING WINTER AND SPRING 1989;" SEPTEMBER 1992. THIS REPORT WAS PREPARED UNDER A COOPERATIVE AGREEMENT BETWEEN THE NATIONAL PARK SERVICE AND THE ENVIRONMENTAL PROTECTION AGENCY IN AN EFFORT TO OBTAINA COMPLETE CHEMICAL ANALYSIS OF THE WATERS IN GRBA. THE DATA ARE MEANT TO BE USED IN PARK RESOURCE ASSESSMENT; IN FUTURE STUDIES; AND AS A SOURCE OF BASELINE WATER QUALITY ANALYSES. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0217

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/28/89-02/28/89	1	119.	119.	119.	119.	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	02/28/89-02/28/89	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	02/28/89-02/28/89	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	02/28/89-02/28/89	1	14.8	14.8	14.8	14.8	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/28/89-02/28/89	1	3.1	3.1	3.1	3.1	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	02/28/89-02/28/89	1	2.39	2.39	2.39	2.39	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	02/28/89-02/28/89	1	2.13	2.13	2.13	2.13	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	02/28/89-02/28/89	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	02/28/89-02/28/89	1	488.	488.	488.	488.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	02/28/89-02/28/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	02/28/89-02/28/89	1 ##	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	02/28/89-02/28/89	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	02/28/89-02/28/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	02/28/89-02/28/89	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	02/28/89-02/28/89	1	280.	280.	280.	280.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	02/28/89-02/28/89	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	02/28/89-02/28/89	1	310.	310.	310.	310.	0.	0.	**	**	**	**
01057	THALLIUM, DISSOLVED (UG/L AS TL)	02/28/89-02/28/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	02/28/89-02/28/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

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

Parameter Inventory for Station: GRBA0217

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01075	SILVER, DISSOLVED (UG/L AS AG)	02/28/89-02/28/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	02/28/89-02/28/89	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	02/28/89-02/28/89	1	14.	14.	14.	14.	0.	0.	**	**	**	**
01095	ANTIMONY, DISSOLVED (UG/L AS SB)	02/28/89-02/28/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	02/28/89-02/28/89	1	110.	110.	110.	110.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	02/28/89-02/28/89	1 ##	3.5	3.5	3.5	3.5	0.	0.	**	**	**	**
72009	ELEVATION OF LAND SURFACE IN FEET (BM)	02/28/89-02/28/89	1	10260.	10260.	10260.	10260.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0217

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00	1	0	0.00									
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	1	0	0.00	1	0	0.00									
		Drinking Water	4.	1	0	0.00	1	0	0.00									
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00	1	0	0.00									
		Drinking Water	5.	1	0	0.00	1	0	0.00									
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00	1	0	0.00									
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00	1	0	0.00									
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00	1	0	0.00									
		Drinking Water	15.	1	0	0.00	1	0	0.00									
01057	THALLIUM, DISSOLVED	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	2.	1	0	0.00	1	0	0.00									
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00	1	0	0.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
01095	ANTIMONY, DISSOLVED	Fresh Acute	88.	1	0	0.00	1	0	0.00									
		Drinking Water	6.	1	0	0.00	1	0	0.00									
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: GRBA0218

NPS Station ID: GRBA0218 | LAT/LON: 39.002977/-114.310753 | Agency: 11NPSWRD | Date Created: 07/11/98
Location: SOUTH END OF TERESA LAKE | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): GRBA_NPS_TER901
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 0 | Water Body Id:
Minor Basin: GREAT SALT LAKE | ECO Region:
RF1 Index: 16020301 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT THE SOUTH END OF TERESA LAKE AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THIS SAMPLING SITE WAS REPLACED BY SITE TERL FOR STUDIES AFTER 1990. THE DATA ARE FROM SEVERAL YEARLY REPORTS (1990-97) BY KURT PFAFF; PHYSICAL SCIENCE TECHNICIAN FOR GRBA. A SURFACE WATER QUALITY MONITORING PROGRAM WAS INSTITUTED TO ACQUIRE DATA FROM THE PARK WATERS ON A SEMI-ANNUAL BASIS. DATA ARE INTEGRATED INTO THE PARK'S WATER RESOURCE MANAGEMENT PLAN IN ORDER TO PERPETUATE THE INHERENT NATURAL INTEGRITY OF ITS WATER-DEPENDENT ENVIRONMENTS. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0218

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/21/90-06/21/90	1	27.	27.	27.	27.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	06/21/90-06/21/90	1	7.11	7.11	7.11	7.11	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/21/90-06/21/90	1	7.11	7.11	7.11	7.11	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/21/90-06/21/90	1	0.078	0.078	0.078	0.078	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0218

			Total	Exceed	Prop.	9/15-4/14			4/15-6/14			6/15-9/14			n/a		
Parameter	Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00406 PH, FIELD	Fresh Chronic	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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0219

NPS Station ID: GRBA0219
LAT/LON: 39.003003/-114.383003
Agency: 11NPSWRD
Date Created: 05/30/98
Location: EYDG021
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): GRBA_NURE_060 /7054989
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 16060008
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: CENTRAL NEVADA
ECO Region:
RF1 Index: 16060008
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE HOGUM; NV-WHITE PINE CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A SPRING OUTSIDE THE GREAT BASIN NATIONAL PARK BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.45 MICRON FILTER AND ACIDIFIED TO A PH OF ONE WITH NITRIC ACID AT THE SITE. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "SRL" FIELD ENTRY (SAVANNAH RIVER LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE SAVANNAH RIVER LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525. TEL. (970) 225-3516.

Parameter Inventory for Station: GRBA0219

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/06/80-07/06/80	1	0.403	0.403	0.403	0.403	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/06/80-07/06/80	1	2.1	2.1	2.1	2.1	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/06/80-07/06/80	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/06/80-07/06/80	1	1.07	1.07	1.07	1.07	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/06/80-07/06/80	1	2.14	2.14	2.14	2.14	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	07/06/80-07/06/80	1	593.	593.	593.	593.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/06/80-07/06/80	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/06/80-07/06/80	1	35.	35.	35.	35.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/06/80-07/06/80	1	38.	38.	38.	38.	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	07/06/80-07/06/80	1	7.	7.	7.	7.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	07/06/80-07/06/80	1	19.	19.	19.	19.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/06/80-07/06/80	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	07/06/80-07/06/80	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/06/80-07/06/80	1	586.	586.	586.	586.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/06/80-07/06/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	07/06/80-07/06/80	1	19.	19.	19.	19.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	07/06/80-07/06/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/06/80-07/06/80	1	226.	226.	226.	226.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	07/06/80-07/06/80	1	61.	61.	61.	61.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: GRBA0219

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/06/80-07/06/80	1	76.	76.	76.	76.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/06/80-07/06/80	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01110	CERIUM, DISSOLVED (UG/L AS CE)	07/06/80-07/06/80	1	46.	46.	46.	46.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/06/80-07/06/80	1	41.	41.	41.	41.	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/06/80-07/06/80	1	2916.	2916.	2916.	2916.	0.	0.	**	**	**	**
01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/06/80-07/06/80	1	73.	73.	73.	73.	0.	0.	**	**	**	**
01180	LANTHANUM, DISSOLVED (UG/L AS LA)	07/06/80-07/06/80	1	25.	25.	25.	25.	0.	0.	**	**	**	**
01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/06/80-07/06/80	1	7.	7.	7.	7.	0.	0.	**	**	**	**
01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/06/80-07/06/80	1	13.	13.	13.	13.	0.	0.	**	**	**	**
50576	HAFNIUM, DISSOLVED UG/L	07/06/80-07/06/80	1 ##	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
50580	NIOBIUM, DISSOLVED UG/L	07/06/80-07/06/80	1	12.	12.	12.	12.	0.	0.	**	**	**	**
82365	THORIUM, DISSOLVED IN WATER UG/L	07/06/80-07/06/80	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: GRBA0219

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	1	0	0.00							1	0	0.00			
		Drinking Water	4.	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	1	1.00							1	1	1.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00							1	0	0.00			
		Drinking Water	15.	1	1	1.00							1	1	1.00			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: GRBA0220

NPS Station ID: GRBA0220
LAT/LON: 39.003032/-114.310531
Agency: 11NPSWRD
Date Created: 03/06/99
Location: TERESA LAKE
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): GRBA_ACHEM_TERL
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 3200
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT TERESA LAKE AND IS WITHIN THE BOUNDARIES OF GREAT BASIN NATIONAL PARK. THE DATA ARE FROM A MASTER'S THESIS PREPARED BY STEPHEN ACHAEMPONG; "ISOTOPE HYDROLOGY OF LEHMAN AND BAKER CREEKS DRAINAGES; GREAT BASIN NATIONAL PARK; NEVADA." THIS THESIS WAS SUBMITTED TO THE DEPARTMENT OF GEO-SCIENCE; UNIVERSITY OF NEVADA; LAS VEGAS IN AUGUST OF 1992. THE DATA WERE COLLECTED IN ORDER TO UNDERSTAND THE RECHARGE AND MIXING MECHANISMS OF WATER RESOURCES IN THE PARK USING ENVIRONMENTALLY STABLE ISOTOPES OF DEUTERIUM AND OXYGEN-18. DATES WERE ESTIMATED AS RAW DATA WERE UNAVAIL-ABLE. FOR MORE INFORMATION ON THE PARK CONTACT THE CHIEF OF RESOURCES AT GRBA; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0220

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/15/90-09/15/91	8	10.	9.625	18.	5.	19.125	4.373	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/15/90-09/15/91	8	12.5	12.375	18.	5.	17.696	4.207	**	**	**	**
82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	08/15/90-09/15/91	7	-97.	-102.143	-91.	-114.	86.81	9.317	**	**	**	**
82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	08/15/90-09/15/91	8	-14.	-14.	-12.	-15.	1.143	1.069	**	**	**	**

** - Less than 9 observations ## - 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: GRBA0221

NPS Station ID: GRBA0221 | LAT/LON: 39.003032/-114.310753 | Agency: 11NPSWRD | Date Created: 11/21/98
Location: SOUTHWEST END OF TERESA LAKE | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): GRBA_EPA_TL7
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 10260 | Water Body Id:
Minor Basin: GREAT SALT LAKE | ECO Region:
RF1 Index: 16020301 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT THE SOUTHWEST END OF TERESA LAKE AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM A REPORT BY RICHARD METCALF ET AL.; "CHEMISTRY OF SELECTED LAKES AND STREAMS IN GREAT BASIN NATIONAL PARK NEVADA DURING WINTER AND SPRING 1989;" SEPTEMBER 1992. THIS REPORT WAS PREPARED UNDER A COOPERATIVE AGREEMENT BETWEEN THE NPS AND THE ENVIRONMENTAL PROTECTION AGENCY IN AN EFFORT TO OBTAIN A COMPLETE CHEMICAL ANALYSIS OF THE WATERS IN GRBA. THE DATA ARE MEANT TO BE USED IN PARK RESOURCE ASSESSMENT; IN FUTURE STUDIES; AND AS A SOURCE OF BASELINE WATER QUALITY ANALYSES. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0221

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/89-05/23/89	2	7.05	7.05	7.1	7.	0.005	0.071	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/23/89-05/23/89	2	28.5	28.5	29.	28.	0.5	0.707	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/23/89-05/23/89	2	8.6	8.6	8.6	8.6	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/23/89-05/23/89	2	7.63	7.63	7.68	7.58	0.005	0.071	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/23/89-05/23/89	2	7.627	7.627	7.68	7.58	0.005	0.071	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/89-05/23/89	2	0.024	0.024	0.026	0.021	0.	0.004	**	**	**	**
72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/23/89-05/23/89	2	10260.	10260.	10260.	10260.	0.	0.	**	**	**	**
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	05/23/89-05/23/89	1	3.9	3.9	3.9	3.9	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: GRBA0221

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	2	0	0.00				2	0	0.00						

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

EPA Water Quality Criteria Analysis for Station: GRBA0221

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400 PH	Fresh Chronic	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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0222

NPS Station ID: GRBA0222 | LAT/LON: 39.003087/-114.310476 | Agency: 11NPSWRD | Date Created: 11/21/98
Location: CENTRAL TERESA LAKE | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): GRBA_EPA_TL4
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 10260 | Water Body Id:
Minor Basin: GREAT SALT LAKE | ECO Region:
RF1 Index: 16020301 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED NEAR THE CENTER OF TERESA LAKE AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM A REPORT BY RICHARD METCALF ET AL. "CHEMISTRY OF SELECTED LAKES AND STREAMS IN GREAT BASIN NATIONAL PARK NEVADA DURING WINTER AND SPRING 1989;" SEPTEMBER 1992. THIS REPORT WAS PREPARED UNDER A COOPERATIVE AGREEMENT BETWEEN THE NATIONAL PARK SERVICE AND THE ENVIRONMENTAL PROTECTION AGENCY IN AN EFFORT TO OBTAINA COMPLETE CHEMICAL ANALYSIS OF THE WATERS IN GRBA. THE DATA ARE MEANT TO BE USED IN PARK RESOURCE ASSESSMENT; IN FUTURE STUDIES; AND AS A SOURCE OF BASELINE WATER QUALITY ANALYSES. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0222

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/89-05/23/89	2	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/23/89-05/23/89	2	29.	29.	29.	29.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/23/89-05/23/89	2	8.75	8.75	8.9	8.6	0.045	0.212	**	**	**	**
00400	PH (STANDARD UNITS)	05/23/89-05/23/89	2	7.635	7.635	7.66	7.61	0.001	0.035	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/23/89-05/23/89	2	7.634	7.634	7.66	7.61	0.001	0.035	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/89-05/23/89	2	0.023	0.023	0.025	0.022	0.	0.002	**	**	**	**
72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/23/89-05/23/89	2	10260.	10260.	10260.	10260.	0.	0.	**	**	**	**
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	05/23/89-05/23/89	1	4.8	4.8	4.8	4.8	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: GRBA0222

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	2	0	0.00				2	0	0.00						

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

EPA Water Quality Criteria Analysis for Station: GRBA0222

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400 PH	Fresh Chronic	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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0223

NPS Station ID: GRBA0223 | LAT/LON: 39.003143/-114.310171 | Agency: 11NPSWRD | Date Created: 06/20/98
Location: SOUTH END OF TERESA LAKE | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): GRBA_OSU_TERL
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 10260 | Water Body Id:
Minor Basin: GREAT SALT LAKE | ECO Region:
RF1 Index: 16020301 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED AT THE WINDY PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPO.) QUADRANGLE. THE SITE IS LOCATED AT THE SOUTH END OF TERESA LAKE AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM A REPORT BY RUTH JACOBS ET AL.; "CHEMICAL CHARACTERISTICS OF SURFACE WATERS OF GREAT BASIN NATIONAL PARK;" DECEMBER 1993. THIS REPORT WAS PREPARED IN COOPERATION WITH THE NATIONAL PARK SERVICE. THE STUDY WAS DESIGNED TO COLLECT WATER QUALITY DATA FOR THE PARK TO AID IN THE PREPARATION OF A WATER QUALITY MONITORING PROGRAM TO MEET MANAGEMENT PLAN OBJECTIVES. THE SAMPLES WERE FILTERED WITH A 1.2 UM FILTER IN THE FIELD. ICP METAL VALUES WERE UPLOADED TO STORET BUT ARE CONSIDERED TO BE SUSPECT. FOR MORE INFO. CONTACT THE CHIEF OF RESOURCES AT GRBA; BAKER NV 89311 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0223

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/23/92-08/23/92	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/23/92-08/23/92	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/23/92-08/23/92	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/23/92-08/23/92	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/23/92-08/23/92	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/23/92-08/23/92	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/23/92-08/23/92	1	0.051	0.051	0.051	0.051	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/23/92-08/23/92	1	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/23/92-08/23/92	1	0.24	0.24	0.24	0.24	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/23/92-08/23/92	1	0.019	0.019	0.019	0.019	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/23/92-08/23/92	1 ##	0.023	0.023	0.023	0.023	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/23/92-08/23/92	1	0.009	0.009	0.009	0.009	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/23/92-08/23/92	1	2.1	2.1	2.1	2.1	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/23/92-08/23/92	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/23/92-08/23/92	1	0.55	0.55	0.55	0.55	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/23/92-08/23/92	1	0.31	0.31	0.31	0.31	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/23/92-08/23/92	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/23/92-08/23/92	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/23/92-08/23/92	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: GRBA0223

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/23/92-08/23/92	1 ##	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/23/92-08/23/92	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/23/92-08/23/92	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/23/92-08/23/92	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	08/23/92-08/23/92	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/23/92-08/23/92	1	77.	77.	77.	77.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	08/23/92-08/23/92	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/23/92-08/23/92	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	08/23/92-08/23/92	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	08/23/92-08/23/92	1 ##	3.	3.	3.	3.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/23/92-08/23/92	1	19.	19.	19.	19.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/23/92-08/23/92	1	131.	131.	131.	131.	0.	0.	**	**	**	**
01095	ANTIMONY, DISSOLVED (UG/L AS SB)	08/23/92-08/23/92	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01100	TIN, DISSOLVED (UG/L AS SN)	08/23/92-08/23/92	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/23/92-08/23/92	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	08/23/92-08/23/92	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
50098	CALCIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/23/92-08/23/92	1	3.71	3.71	3.71	3.71	0.	0.	**	**	**	**
50104	POTASSIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/23/92-08/23/92	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
50105	MAGNESIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/23/92-08/23/92	1	0.88	0.88	0.88	0.88	0.	0.	**	**	**	**
50108	SODIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/23/92-08/23/92	1	0.79	0.79	0.79	0.79	0.	0.	**	**	**	**
50932	SULFUR, DISSOLVED AS S MG/L	08/23/92-08/23/92	1	0.542	0.542	0.542	0.542	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/23/92-08/23/92	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: GRBA0223

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	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			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00							1	0	0.00			
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00							1	0	0.00			
		Drinking Water	50.	1	0	0.00							1	0	0.00			
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00							1	0	0.00			
		Drinking Water	5.	1	0	0.00							1	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00							1	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00							1	0	0.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00							1	0	0.00			
		Drinking Water	15.	1	0	0.00							1	0	0.00			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	1	1.00							1	1	1.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			
01095	ANTIMONY, DISSOLVED	Fresh Acute	88.	1	0	0.00							1	0	0.00			
		Drinking Water	6.	0 &	0	0.00												

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

Station Inventory for Station: GRBA0224

NPS Station ID: GRBA0224 LAT/LON: 39.003143/-114.310171 Agency: 11NPSWRD Date Created: 07/11/98
Location: MIDWAY ALONG EAST SHORE OF TERESA LAKE FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): GRBA_NPS_TERL
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 Depth of Water: 0 Aquifer:
Major Basin: GREAT BASIN Elevation: 10260 Water Body Id:
Minor Basin: GREAT SALT LAKE ECO Region:
RF1 Index: 16020301 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 16020301119900.00 RF3 Mile Point: 1.19 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED MIDWAY ALONG THE EAST SHORE OF TERESA LAKE AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM SEVERAL YEARLY REPORTS (1990-97) BY KURT PFAFF; PHYSICAL SCIENCE TECHNICIAN GRBA. A SURFACE WATER QUALITY MONITORING PROGRAM WAS INSTITUTED TO ACQUIRE THE DATA FROM THE PARK WATERS ON A SEMI-ANNUAL BASIS. DATA ARE INTEGRATED INTO THE PARK'S WATER RESOURCE MANAGEMENT PLAN IN ORDER TO PERPETUATE THE INHERENT NATURAL INTEGRITY OF ITS WATER- DEPENDENT ENVIRONMENTS. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0224

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/06/93-06/05/97	7	4.	4.571	7.	2.	3.286	1.813	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/07/91-06/05/97	9	18.	18.222	22.	14.	5.944	2.438	14.	17.	20.5	22.
00406p	PH, FIELD, STANDARD UNITS SU	10/07/91-06/05/97	17	6.96	6.949	7.15	6.67	0.019	0.137	6.686	6.92	7.06	7.142
00406p	CONVERTED PH, FIELD, STANDARD UNITS	10/07/91-06/05/97	17	6.96	6.928	7.15	6.67	0.019	0.139	6.686	6.92	7.06	7.142
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/91-06/05/97	17	0.11	0.118	0.214	0.071	0.002	0.041	0.072	0.087	0.12	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

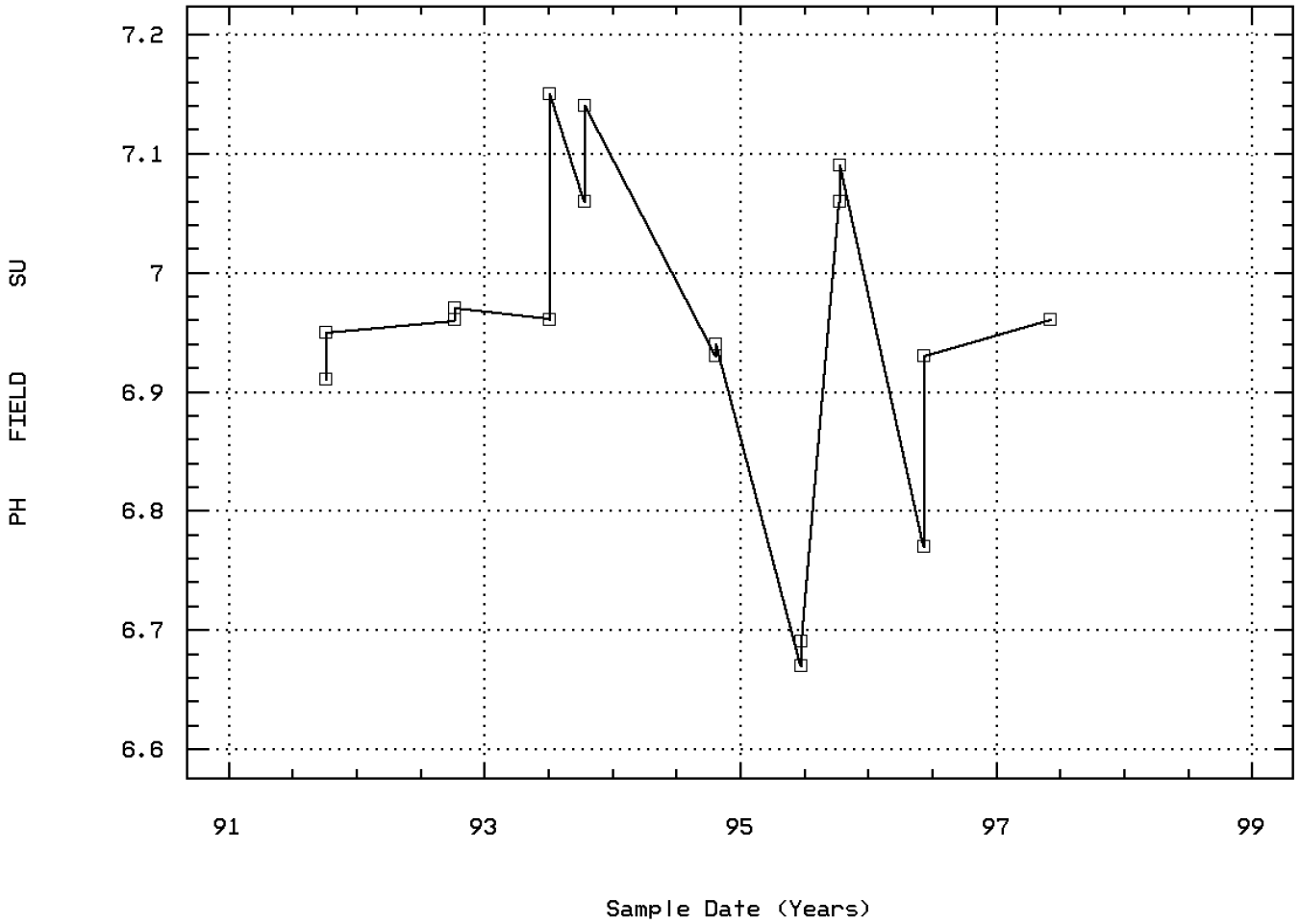
EPA Water Quality Criteria Analysis for Station: GRBA0224

			Total	Exceed	Prop.	----------9/15-4/14----------			----------4/15-6/14----------			----------6/15-9/14----------			--------------n/a--------------		
Parameter	Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00406 PH, FIELD	Fresh Chronic	9.	17	0	0.00	10	0	0.00	3	0	0.00	4	0	0.00			
	Other-Lo Lim.	6.5	17	0	0.00	10	0	0.00	3	0	0.00	4	0	0.00			

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

Station: GRBA0224 Parameter Code: 00406

PH, FIELD, STANDARD UNITS



MIDWAY ALONG EAST SHORE OF TERESA LAKE

Station Inventory for Station: GRBA0225

NPS Station ID: GRBA0225 | LAT/LON: 39.003143/-114.310531 | Agency: 11NPSWRD | Date Created: 11/21/98
Location: TERESA LAKE SOUTH HALF | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): GRBA_EPA_GBS1
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 10260 | Water Body Id:
Minor Basin: GREAT SALT LAKE | ECO Region:
RF1 Index: 16020301 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED IN THE SOUTH HALF OF TERESA LAKE AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM A REPORT BY RICHARD METCALF ET AL.; "CHEMISTRY OF SELECTED LAKES AND STREAMS IN GREAT BASIN NATIONAL PARK NEVADA DURING WINTER AND SPRING 1989;" SEPTEMBER 1992. THIS REPORT WAS PREPARED UNDER A COOPERATIVE AGREEMENT BETWEEN THE NATIONAL PARK SERVICE AND THE ENVIRONMENTAL PROTECTION AGENCY IN AN EFFORT TO OBTAINA COMPLETE CHEMICAL ANALYSIS OF THE WATERS IN GRBA. THE DATA ARE MEANT TO BE USED IN PARK RESOURCE ASSESSMENT; IN FUTURE STUDIES; AND AS A SOURCE OF BASELINE WATER QUALITY ANALYSES. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0225

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/23/89-05/23/89	2	19.	19.	20.	18.	2.	1.414	**	**	**	**
00400	PH (STANDARD UNITS)	05/23/89-05/23/89	2	6.825	6.825	6.87	6.78	0.004	0.064	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/23/89-05/23/89	2	6.823	6.823	6.87	6.78	0.004	0.064	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/89-05/23/89	2	0.15	0.15	0.166	0.135	0.	0.022	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/23/89-05/23/89	2	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	05/23/89-05/23/89	2	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	05/23/89-05/23/89	2	1.4	1.4	1.5	1.3	0.02	0.141	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/23/89-05/23/89	2	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/23/89-05/23/89	2	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/23/89-05/23/89	2	0.52	0.52	0.54	0.5	0.001	0.028	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/23/89-05/23/89	2	0.265	0.265	0.31	0.22	0.004	0.064	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/23/89-05/23/89	2	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/23/89-05/23/89	2	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	05/23/89-05/23/89	2 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	05/23/89-05/23/89	2	47.5	47.5	48.	47.	0.5	0.707	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	05/23/89-05/23/89	2 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	05/23/89-05/23/89	2 ##	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/23/89-05/23/89	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	05/23/89-05/23/89	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

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Parameter Inventory for Station: GRBA0225

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01040	COPPER, DISSOLVED (UG/L AS CU)	05/23/89-05/23/89	2 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	05/23/89-05/23/89	2 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	05/23/89-05/23/89	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/23/89-05/23/89	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01057	THALLIUM, DISSOLVED (UG/L AS TL)	05/23/89-05/23/89	2 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	05/23/89-05/23/89	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	05/23/89-05/23/89	2 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	05/23/89-05/23/89	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	05/23/89-05/23/89	2 ##	3.	3.	4.	2.	2.	1.414	**	**	**	**
01095	ANTIMONY, DISSOLVED (UG/L AS SB)	05/23/89-05/23/89	2 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	05/23/89-05/23/89	2	105.5	105.5	113.	98.	112.5	10.607	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	05/23/89-05/23/89	2 ##	3.	3.	3.5	2.5	0.5	0.707	**	**	**	**
72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/23/89-05/23/89	2	10260.	10260.	10260.	10260.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0225

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	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.	2	0	0.00				2	0	0.00						
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	2	0	0.00				2	0	0.00						
		Drinking Water	250.	2	0	0.00				2	0	0.00						
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	2	0	0.00				2	0	0.00						
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	2	0	0.00				2	0	0.00						
		Drinking Water	50.	2	0	0.00				2	0	0.00						
01005	BARIUM, DISSOLVED	Drinking Water	2000.	2	0	0.00				2	0	0.00						
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	2	0	0.00				2	0	0.00						
		Drinking Water	4.	2	0	0.00				2	0	0.00						
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	2	0	0.00				2	0	0.00						
		Drinking Water	5.	2	0	0.00				2	0	0.00						
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	2	0	0.00				2	0	0.00						
01040	COPPER, DISSOLVED	Fresh Acute	18.	2	0	0.00				2	0	0.00						
		Drinking Water	1300.	2	0	0.00				2	0	0.00						
01049	LEAD, DISSOLVED	Fresh Acute	82.	2	0	0.00				2	0	0.00						
		Drinking Water	15.	2	0	0.00				2	0	0.00						
01057	THALLIUM, DISSOLVED	Fresh Acute	1400.	2	0	0.00				2	0	0.00						
		Drinking Water	2.	2	0	0.00				2	0	0.00						
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	2	0	0.00				2	0	0.00						
		Drinking Water	100.	2	0	0.00				2	0	0.00						
01075	SILVER, DISSOLVED	Fresh Acute	4.1	2	0	0.00				2	0	0.00						
		Drinking Water	100.	2	0	0.00				2	0	0.00						
01090	ZINC, DISSOLVED	Fresh Acute	120.	2	0	0.00				2	0	0.00						
		Drinking Water	5000.	2	0	0.00				2	0	0.00						
01095	ANTIMONY, DISSOLVED	Fresh Acute	88.	2	0	0.00				2	0	0.00						
		Drinking Water	6.	2	0	0.00				2	0	0.00						
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	2	0	0.00				2	0	0.00						
		Drinking Water	50.	2	0	0.00				2	0	0.00						

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

Station Inventory for Station: GRBA0226

NPS Station ID: GRBA0226 | LAT/LON: 39.003254/-114.310310 | Agency: 11NPSWRD | Date Created: 11/21/98
Location: CENTRAL TERESA LAKE | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): GRBA_EPA_TL5
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 10260 | Water Body Id:
Minor Basin: GREAT SALT LAKE | ECO Region:
RF1 Index: 16020301 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT THE CENTER OF TERESA LAKE AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM A REPORT BY RICHARD METCALF ET AL.; "CHEMISTRY OF SELECTED LAKES AND STREAMS IN GREAT BASIN NATIONAL PARK NEVADA DURING WINTER AND SPRING 1989;" SEPTEMBER 1992. THIS REPORT WAS PREPARED UNDER A COOPERATIVE AGREEMENT BETWEEN THE NATIONAL PARK SERVICE AND THE ENVIRONMENTAL PROTECTION AGENCY IN AN EFFORT TO OBTAINA COMPLETE CHEMICAL ANALYSIS OF THE WATERS IN GRBA. THE DATA ARE MEANT TO BE USED IN PARK RESOURCE ASSESSMENT; IN FUTURE STUDIES; AND AS A SOURCE OF BASELINE WATER QUALITY ANALYSES. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0226

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/89-05/23/89	2	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/23/89-05/23/89	2	28.	28.	28.	28.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/23/89-05/23/89	2	8.85	8.85	8.9	8.8	0.005	0.071	**	**	**	**
00400	PH (STANDARD UNITS)	05/23/89-05/23/89	2	7.59	7.59	7.6	7.58	0.	0.014	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/23/89-05/23/89	2	7.59	7.59	7.6	7.58	0.	0.014	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/89-05/23/89	2	0.026	0.026	0.026	0.025	0.	0.001	**	**	**	**
72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/23/89-05/23/89	2	10260.	10260.	10260.	10260.	0.	0.	**	**	**	**
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	05/23/89-05/23/89	1	5.4	5.4	5.4	5.4	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0226

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	2	0	0.00				2	0	0.00						

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

EPA Water Quality Criteria Analysis for Station: GRBA0226

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400 PH	Fresh Chronic	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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0227

NPS Station ID: GRBA0227
LAT/LON: 39.003365/-114.309977
Agency: 11NPSWRD
Date Created: 11/21/98
Location: TERESA LAKE OFF EAST SHORE
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): GRBA_EPA_TL3
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 10260
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED OFF THE EAST SHORE OF TERESA LAKE (1989 SHORELINE) AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM A REPORT BY RICHARD METCALF ET AL.; "CHEMISTRY OF SELECTED LAKES AND STREAMS IN GREAT BASIN NATIONAL PARK NEVADA DURING WINTER AND SPRING 1989;" SEPTEMBER 1992. THIS REPORT WAS PREPARED UNDER A COOPERATIVE AGREEMENT BETWEEN THE NPS AND THE ENVIRONMENTAL PROTECTION AGENCY IN AN EFFORT TO OBTAIN A COMPLETE CHEMICAL ANALYSIS OF THE WATERS IN GRBA. THE DATA ARE MEANT TO BE USED IN PARK RESOURCE ASSESSMENT; IN FUTURE STUDIES; AND AS A SOURCE OF BASELINE WATER QUALITY ANALYSES. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0227

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/89-05/23/89	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/23/89-05/23/89	1	29.	29.	29.	29.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/23/89-05/23/89	1	9.2	9.2	9.2	9.2	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/23/89-05/23/89	1	7.74	7.74	7.74	7.74	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/23/89-05/23/89	1	7.74	7.74	7.74	7.74	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/89-05/23/89	1	0.018	0.018	0.018	0.018	0.	0.	**	**	**	**
72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/23/89-05/23/89	1	10260.	10260.	10260.	10260.	0.	0.	**	**	**	**
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	05/23/89-05/23/89	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: GRBA0227

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00				1	0	0.00						

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

EPA Water Quality Criteria Analysis for Station: GRBA0227

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400 PH	Fresh Chronic	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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0228

NPS Station ID: GRBA0228 | LAT/LON: 39.003420/-114.310227 | Agency: 11NPSWRD | Date Created: 11/21/98
Location: NORTHEAST END OF TERESA LAKE | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): GRBA_EPA_TL2
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 10260 | Water Body Id:
Minor Basin: GREAT SALT LAKE | ECO Region:
RF1 Index: 16020301 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT THE NORTHEAST END OF TERESA LAKE AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM A REPORT BY RICHARD METCALF ET AL.; "CHEMISTRY OF SELECTED LAKES AND STREAMS IN GREAT BASIN NATIONAL PARK NEVADA DURING WINTER AND SPRING 1989;" SEPTEMBER 1992. THIS REPORT WAS PREPARED UNDER A COOPERATIVE AGREEMENT BETWEEN THE NPS AND THE ENVIRONMENTAL PROTECTION AGENCY IN AN EFFORT TO OBTAIN A COMPLETE CHEMICAL ANALYSIS OF THE WATERS IN GRBA. THE DATA ARE MEANT TO BE USED IN PARK RESOURCE ASSESSMENT; IN FUTURE STUDIES; AND AS A SOURCE OF BASELINE WATER QUALITY ANALYSES. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0228

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/89-05/23/89	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/23/89-05/23/89	1	29.	29.	29.	29.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/23/89-05/23/89	1	11.8	11.8	11.8	11.8	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/23/89-05/23/89	1	7.85	7.85	7.85	7.85	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/23/89-05/23/89	1	7.85	7.85	7.85	7.85	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/89-05/23/89	1	0.014	0.014	0.014	0.014	0.	0.	**	**	**	**
72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/23/89-05/23/89	1	10260.	10260.	10260.	10260.	0.	0.	**	**	**	**
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	05/23/89-05/23/89	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: GRBA0228

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00				1	0	0.00						

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

EPA Water Quality Criteria Analysis for Station: GRBA0228

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400 PH	Fresh Chronic	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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0229

NPS Station ID: GRBA0229 | LAT/LON: 39.003448/-114.301254 | Agency: 11NPSWRD | Date Created: 11/21/98
Location: BROWN LAKE OFF SOUTH SHORE | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): GRBA_EPA_BRL6
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 10180 | Water Body Id:
Minor Basin: GREAT SALT LAKE | ECO Region:
RF1 Index: 16020301 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED OFF THE SOUTH SHORE OF BROWN LAKE AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM A REPORT BY RICHARD METCALF ET AL.; "CHEMISTRY OF SELECTED LAKES AND STREAMS IN GREAT BASIN NATIONAL PARK NEVADA DURING WINTER AND SPRING 1989;" SEPTEMBER 1992. THIS REPORT WAS PREPARED UNDER A COOPERATIVE AGREEMENT BETWEEN THE NATIONAL PARK SERVICE AND THE ENVIRONMENTAL PROTECTION AGENCY IN AN EFFORT TO OBTAINA COMPLETE CHEMICAL ANALYSIS OF THE WATERS IN GRBA. THE DATA ARE MEANT TO BE USED IN PARK RESOURCE ASSESSMENT; IN FUTURE STUDIES; AND AS A SOURCE OF BASELINE WATER QUALITY ANALYSES. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0229

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/89-05/23/89	1	12.4	12.4	12.4	12.4	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/23/89-05/23/89	1	30.	30.	30.	30.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/23/89-05/23/89	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/23/89-05/23/89	1	7.64	7.64	7.64	7.64	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/23/89-05/23/89	1	7.64	7.64	7.64	7.64	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/89-05/23/89	1	0.023	0.023	0.023	0.023	0.	0.	**	**	**	**
72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/23/89-05/23/89	1	10180.	10180.	10180.	10180.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0229

Parameter				Total	Exceed	Prop.	9/15-4/14			4/15-6/14			6/15-9/14			n/a		
		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00				1	0	0.00						
00400	PH	Fresh Chronic	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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0230

NPS Station ID: GRBA0230 | LAT/LON: 39.003503/-114.310420 | Agency: 11NPSWRD | Date Created: 11/21/98
Location: NORTHERN END OF TERESA LAKE | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): GRBA_EPA_TL1
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 10260 | Water Body Id:
Minor Basin: GREAT SALT LAKE | ECO Region:
RF1 Index: 16020301 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT THE NORTH END OF TERESA LAKE AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM A REPORT BY RICHARD METCALF ET AL.; "CHEMISTRY OF SELECTED LAKES AND STREAMS IN GREAT BASIN NATIONAL PARK NEVADA DURING WINTER AND SPRING 1989;" SEPTEMBER 1992. THIS REPORT WAS PREPARED UNDER A COOPERATIVE AGREEMENT BETWEEN THE NATIONAL PARK SERVICE AND THE ENVIRONMENTAL PROTECTION AGENCY IN AN EFFORT TO OBTAINA COMPLETE CHEMICAL ANALYSIS OF THE WATERS IN GRBA. THE DATA ARE MEANT TO BE USED IN PARK RESOURCE ASSESSMENT; IN FUTURE STUDIES; AND AS A SOURCE OF BASELINE WATER QUALITY ANALYSES. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0230

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/89-05/23/89	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	05/23/89-05/23/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/23/89-05/23/89	1	30.	30.	30.	30.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/23/89-05/23/89	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/23/89-05/23/89	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/23/89-05/23/89	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/89-05/23/89	1	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/23/89-05/23/89	1	10260.	10260.	10260.	10260.	0.	0.	**	**	**	**
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	05/23/89-05/23/89	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: GRBA0230

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00				1	0	0.00						
00400	PH	Fresh Chronic	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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0231

NPS Station ID: GRBA0231 | LAT/LON: 39.003587/-114.310060 | Agency: 11NPSWRD | Date Created: 07/11/98
Location: TERESA LAKE NORTH END | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): GRBA_NPS_TER902
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 0 | Water Body Id:
Minor Basin: GREAT SALT LAKE | ECO Region:
RF1 Index: 16020301 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE AT THE NORTH END OF TERESA LAKE AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THIS SAMPLING SITE WAS DISCONTINUED FOR STUDIES AFTER 1990. THE DATA ARE FROM SEVERAL YEARLY REPORTS (1990-97) BY KURT PFAFF; PHYSICAL SCIENCE TECHNICIAN FOR GRBA. A SURFACE WATER QUALITY MONITORING PROGRAM WAS INSTITUTED TO ACQUIRE DATA FROM THE PARK WATERS ON A SEMI-ANNUAL BASIS. DATA ARE INTEGRATED INTO THE PARK'S WATER RESOURCE MANAGEMENT PLAN IN ORDER TO PERPETUATE THE INHERENT NATURAL INTEGRITY OF ITS WATER-DEPENDENT ENVIRONMENTS. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0231

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/21/90-06/21/90	1	27.	27.	27.	27.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	06/21/90-06/21/90	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/21/90-06/21/90	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/21/90-06/21/90	1	0.079	0.079	0.079	0.079	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0231

			Total	Exceed	Prop.	9/15-4/14			4/15-6/14			6/15-9/14			n/a		
Parameter	Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00406 PH, FIELD	Fresh Chronic	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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0232

NPS Station ID: GRBA0232 | LAT/LON: 39.003615/-114.300837 | Agency: 11NPSWRD | Date Created: 11/21/98
Location: BROWN LAKE OFF EAST SHORE | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): GRBA_EPA_BRL1
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 10180 | Water Body Id:
Minor Basin: GREAT SALT LAKE | ECO Region:
RF1 Index: 16020301 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED OFF THE EAST SHORE OF BROWN LAKE AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM A REPORT BY RICHARD METCALF ET AL.; "CHEMISTRY OF SELECTED LAKES AND STREAMS IN GREAT BASIN NATIONAL PARK NEVADA DURING WINTER AND SPRING 1989;" SEPTEMBER 1992. THIS REPORT WAS PREPARED UNDER A COOPERATIVE AGREEMENT BETWEEN THE NATIONAL PARK SERVICE AND THE ENVIRONMENTAL PROTECTION AGENCY IN AN EFFORT TO OBTAINA COMPLETE CHEMICAL ANALYSIS OF THE WATERS IN GRBA. THE DATA ARE MEANT TO BE USED IN PARK RESOURCE ASSESSMENT; IN FUTURE STUDIES; AND AS A SOURCE OF BASELINE WATER QUALITY ANALYSES. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0232

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/89-05/23/89	1	12.8	12.8	12.8	12.8	0.	0.	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	05/23/89-05/23/89	1	181.	181.	181.	181.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/23/89-05/23/89	1	31.	31.	31.	31.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/23/89-05/23/89	1	11.9	11.9	11.9	11.9	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/23/89-05/23/89	1	7.95	7.95	7.95	7.95	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/23/89-05/23/89	1	7.95	7.95	7.95	7.95	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/89-05/23/89	1	0.011	0.011	0.011	0.011	0.	0.	**	**	**	**
72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/23/89-05/23/89	1	10180.	10180.	10180.	10180.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0232

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00				1	0	0.00						

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

EPA Water Quality Criteria Analysis for Station: GRBA0232

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400 PH	Fresh Chronic	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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0233

NPS Station ID: GRBA0233 | LAT/LON: 39.003670/-114.301227 | Agency: 11NPSWRD | Date Created: 03/06/99
Location: BROWN LAKE | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): GRBA_ACHEM_BROL
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 3225 | Water Body Id:
Minor Basin: GREAT SALT LAKE | ECO Region:
RF1 Index: 16020301 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT BROWN LAKE AND IS WITHIN THE BOUNDARIES OF GREAT BASIN NATIONAL PARK. THE DATA ARE FROM A MASTER'S THESIS PREPARED BY STEPHEN ACHAEMPONG; "ISOTOPE HYDROLOGY OF LEHMAN AND BAKER CREEKS DRAINAGES; GREAT BASIN NATIONAL PARK; NEVADA." THIS THESIS WAS SUBMITTED TO THE DEPARTMENT OF GEO-SCIENCE; UNIVERSITY OF NEVADA; LAS VEGAS IN AUGUST OF 1992. THE DATA WERE COLLECTED IN ORDER TO UNDERSTAND THE RECHARGE AND MIXING MECHANISMS OF WATER RESOURCES IN THE PARK USING ENVIRONMENTALLY STABLE ISOTOPES OF DEUTERIUM AND OXYGEN-18. DATES WERE ESTIMATED AS RAW DATA WERE UNAVAILABLE. FOR MORE INFORMATION ON THE PARK CONTACT THE CHIEF OF RESOURCES AT GRBA; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NPS WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0233

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/15/90-09/15/91	8	14.5	12.95	21.	2.	44.249	6.652	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/15/90-09/15/91	8	19.	19.125	30.	9.	44.982	6.707	**	**	**	**
82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	08/15/90-09/15/91	8	-50.5	-60.25	-20.	-100.	771.929	27.784	**	**	**	**
82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	08/15/90-09/15/91	8	-4.	-4.75	6.	-13.	39.643	6.296	**	**	**	**

** - Less than 9 observations ## - 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: GRBA0234

NPS Station ID: GRBA0234 | LAT/LON: 39.003754/-114.301282 | Agency: 11NPSWRD | Date Created: 07/11/98
Location: WEST-CENTRAL BROWN LAKE | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): GRBA_NPS_BRO90
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 0 | Water Body Id:
Minor Basin: GREAT SALT LAKE | ECO Region:
RF1 Index: 16020301 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT THE WEST-CENTRAL PORTION OF BROWN LAKE AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THIS SAMPLING SITE WAS REPLACED BY SITE BROL FOR STUDIES AFTER 1990. THE DATA ARE FROM SEVERAL YEARLY REPORTS (1990-97) BY KURT PFAFF; PHYSICAL SCIENCE TECHNICIAN FOR GRBA.
A SURFACE WATER QUALITY MONITORING PROGRAM WAS INSTITUTED TO ACQUIRE DATA FROM THE PARK WATERS ON A SEMI-ANNUAL BASIS. DATA ARE INTEGRATED INTO THE PARK'S WATER RESOURCE MANAGEMENT PLAN IN ORDER TO PERPETUATE THE INHERENT NATURAL INTEGRITY OF ITS WATER-DEPENDENT ENVIRONMENTS.
FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331).
DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0234

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/21/90-06/21/90	1	27.	27.	27.	27.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	06/21/90-06/21/90	1	6.89	6.89	6.89	6.89	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/21/90-06/21/90	1	6.89	6.89	6.89	6.89	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/21/90-06/21/90	1	0.129	0.129	0.129	0.129	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0234

			Total	Exceed	Prop.	9/15-4/14			4/15-6/14			6/15-9/14			n/a		
Parameter	Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00406 PH, FIELD	Fresh Chronic	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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0235

NPS Station ID: GRBA0235
LAT/LON: 39.003754/-114.301282
Agency: 11NPSWRD
Date Created: 11/21/98
Location: CENTRAL BROWN LAKE
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): GRBA_EPA_GBS5
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 10180
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED IN CENTRAL BROWN LAKE AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM A REPORT BY RICHARD METCALF ET AL.; "CHEMISTRY OF SELECTED LAKES AND STREAMS IN GREAT BASIN NATIONAL PARK NEVADA DURING WINTER AND SPRING 1989;" SEPTEMBER 1992. THIS REPORT WAS PREPARED UNDER A COOPERATIVE AGREEMENT BETWEEN THE NATIONAL PARK SERVICE AND THE ENVIRONMENTAL PROTECTION AGENCY IN AN EFFORT TO OBTAIN A COMPLETE CHEMICAL ANALYSIS OF THE WATERS IN GRBA. THE DATA ARE MEANT TO BE USED IN PARK RESOURCE ASSESSMENT; IN FUTURE STUDIES; AND AS A SOURCE OF BASELINE WATER QUALITY ANALYSES. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0235

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/23/89-05/23/89	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/23/89-05/23/89	1	6.88	6.88	6.88	6.88	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/23/89-05/23/89	1	6.88	6.88	6.88	6.88	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/89-05/23/89	1	0.132	0.132	0.132	0.132	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/23/89-05/23/89	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	05/23/89-05/23/89	1	2.9	2.9	2.9	2.9	0.	0.	**	**	**	**
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	05/23/89-05/23/89	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/23/89-05/23/89	1	1.9	1.9	1.9	1.9	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/23/89-05/23/89	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/23/89-05/23/89	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/23/89-05/23/89	1	0.37	0.37	0.37	0.37	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/23/89-05/23/89	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/23/89-05/23/89	1	2.4	2.4	2.4	2.4	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	05/23/89-05/23/89	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	05/23/89-05/23/89	1	18.	18.	18.	18.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	05/23/89-05/23/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	05/23/89-05/23/89	1 ##	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/23/89-05/23/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	05/23/89-05/23/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

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

Parameter Inventory for Station: GRBA0235

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01040	COPPER, DISSOLVED (UG/L AS CU)	05/23/89-05/23/89	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	05/23/89-05/23/89	1 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	05/23/89-05/23/89	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/23/89-05/23/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01057	THALLIUM, DISSOLVED (UG/L AS TL)	05/23/89-05/23/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	05/23/89-05/23/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	05/23/89-05/23/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	05/23/89-05/23/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	05/23/89-05/23/89	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01095	ANTIMONY, DISSOLVED (UG/L AS SB)	05/23/89-05/23/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	05/23/89-05/23/89	1	62.	62.	62.	62.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	05/23/89-05/23/89	1 ##	3.5	3.5	3.5	3.5	0.	0.	**	**	**	**
72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/23/89-05/23/89	1	10180.	10180.	10180.	10180.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0235

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00				1	0	0.00						
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00				1	0	0.00						
		Drinking Water	250.	1	0	0.00				1	0	0.00						
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00				1	0	0.00						
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00				1	0	0.00						
		Drinking Water	50.	1	0	0.00				1	0	0.00						
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00				1	0	0.00						
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	1	0	0.00				1	0	0.00						
		Drinking Water	4.	1	0	0.00				1	0	0.00						
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00				1	0	0.00						
		Drinking Water	5.	1	0	0.00				1	0	0.00						
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00				1	0	0.00						
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00				1	0	0.00						
		Drinking Water	1300.	1	0	0.00				1	0	0.00						
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00				1	0	0.00						
		Drinking Water	15.	1	0	0.00				1	0	0.00						
01057	THALLIUM, DISSOLVED	Fresh Acute	1400.	1	0	0.00				1	0	0.00						
		Drinking Water	2.	1	0	0.00				1	0	0.00						
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00				1	0	0.00						
		Drinking Water	100.	1	0	0.00				1	0	0.00						
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00				1	0	0.00						
		Drinking Water	100.	1	0	0.00				1	0	0.00						
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00				1	0	0.00						
		Drinking Water	5000.	1	0	0.00				1	0	0.00						
01095	ANTIMONY, DISSOLVED	Fresh Acute	88.	1	0	0.00				1	0	0.00						
		Drinking Water	6.	1	0	0.00				1	0	0.00						
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00				1	0	0.00						
		Drinking Water	50.	1	0	0.00				1	0	0.00						

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

Station Inventory for Station: GRBA0236

NPS Station ID: GRBA0236 | LAT/LON: 39.003837/-114.300837 | Agency: 11NPSWRD | Date Created: 11/21/98
Location: BROWN LAKE OFF WEST SHORE | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): GRBA_EPA_BRL2
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 10180 | Water Body Id:
Minor Basin: GREAT SALT LAKE | ECO Region:
RF1 Index: 16020301 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED OFF THE WEST SHORE OF BROWN LAKE AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM A REPORT BY RICHARD METCALF ET AL.; "CHEMISTRY OF SELECTED LAKES AND STREAMS IN GREAT BASIN NATIONAL PARK NEVADA DURING WINTER AND SPRING 1989;" SEPTEMBER 1992. THIS REPORT WAS PREPARED UNDER A COOPERATIVE AGREEMENT BETWEEN THE NATIONAL PARK SERVICE AND THE ENVIRONMENTAL PROTECTION AGENCY IN AN EFFORT TO OBTAINA COMPLETE CHEMICAL ANALYSIS OF THE WATERS IN GRBA. THE DATA ARE MEANT TO BE USED IN PARK RESOURCE ASSESSMENT; IN FUTURE STUDIES; AND AS A SOURCE OF BASELINE WATER QUALITY ANALYSES. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0236

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/89-05/23/89	1	12.3	12.3	12.3	12.3	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/23/89-05/23/89	1	32.	32.	32.	32.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/23/89-05/23/89	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/23/89-05/23/89	1	7.84	7.84	7.84	7.84	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/23/89-05/23/89	1	7.84	7.84	7.84	7.84	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/89-05/23/89	1	0.014	0.014	0.014	0.014	0.	0.	**	**	**	**
72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/23/89-05/23/89	1	10180.	10180.	10180.	10180.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0236

Parameter				Total	Exceed	Prop.	9/15-4/14			4/15-6/14			6/15-9/14			n/a		
		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00				1	0	0.00						
00400	PH	Fresh Chronic	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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0237

NPS Station ID: GRBA0237
LAT/LON: 39.003837/-114.301504
Agency: 11NPSWRD
Date Created: 06/20/98
Location: APPROXIMATE CENTER OF BROWN LAKE
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): GRBA_OSU_BROL
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 10180
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED AT THE WINDY PEAK NV-WHITE PINE CO. 7.5 MINUTE SERIES (TOPO.) QUADRANGLE. THE SITE IS LOCATED IN THE APPROXIMATE CENTER OF BROWN LAKE AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM A REPORT BY RUTH JACOBS ET AL.; "CHEMICAL CHARACTERISTICS OF SURFACE WATERS OF GREAT BASIN NATIONAL PARK;" DECEMBER 1993. THIS REPORT WAS PREPARED IN COOPERATION WITH THE NATIONAL PARK SERVICE. THE STUDY WAS DESIGNED TO COLLECT WATER QUALITY DATA FOR THE PARK TO AID IN THE PREPARATION OF A WATER QUALITY MONITORING PROGRAM TO MEET MANAGEMENT PLAN OBJECTIVES. THE SAMPLES WERE FILTERED WITH A 1.2 UM FILTER IN THE FIELD. ICP METAL VALUES WERE UPLOADED TO STORET BUT ARE CONSIDERED TO BE SUSPECT. FOR MORE INFO. CONTACT THE CHIEF OF RESOURCES AT GRBA; BAKER NV 89311 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0237

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/23/92-08/23/92	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/23/92-08/23/92	1	26.	26.	26.	26.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/23/92-08/23/92	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/23/92-08/23/92	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/23/92-08/23/92	1	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/23/92-08/23/92	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/23/92-08/23/92	1	0.019	0.019	0.019	0.019	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/23/92-08/23/92	1	0.39	0.39	0.39	0.39	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/23/92-08/23/92	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/23/92-08/23/92	1	0.012	0.012	0.012	0.012	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/23/92-08/23/92	1 ##	0.023	0.023	0.023	0.023	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/23/92-08/23/92	1	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/23/92-08/23/92	1	2.4	2.4	2.4	2.4	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/23/92-08/23/92	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/23/92-08/23/92	1	1.01	1.01	1.01	1.01	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/23/92-08/23/92	1	0.76	0.76	0.76	0.76	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/23/92-08/23/92	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/23/92-08/23/92	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/23/92-08/23/92	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: GRBA0237

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/23/92-08/23/92	1 ##	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/23/92-08/23/92	1	38.	38.	38.	38.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/23/92-08/23/92	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/23/92-08/23/92	1	36.	36.	36.	36.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	08/23/92-08/23/92	1	19.	19.	19.	19.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/23/92-08/23/92	1	240.	240.	240.	240.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	08/23/92-08/23/92	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/23/92-08/23/92	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	08/23/92-08/23/92	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	08/23/92-08/23/92	1 ##	3.	3.	3.	3.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/23/92-08/23/92	1	42.	42.	42.	42.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/23/92-08/23/92	1	162.	162.	162.	162.	0.	0.	**	**	**	**
01095	ANTIMONY, DISSOLVED (UG/L AS SB)	08/23/92-08/23/92	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01100	TIN, DISSOLVED (UG/L AS SN)	08/23/92-08/23/92	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/23/92-08/23/92	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	08/23/92-08/23/92	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
50098	CALCIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/23/92-08/23/92	1	7.35	7.35	7.35	7.35	0.	0.	**	**	**	**
50104	POTASSIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/23/92-08/23/92	1	1.89	1.89	1.89	1.89	0.	0.	**	**	**	**
50105	MAGNESIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/23/92-08/23/92	1	2.02	2.02	2.02	2.02	0.	0.	**	**	**	**
50108	SODIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/23/92-08/23/92	1	2.63	2.63	2.63	2.63	0.	0.	**	**	**	**
50932	SULFUR, DISSOLVED AS S MG/L	08/23/92-08/23/92	1	1.164	1.164	1.164	1.164	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/23/92-08/23/92	1	25.	25.	25.	25.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0237

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	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			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00							1	0	0.00			
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00							1	0	0.00			
		Drinking Water	50.	1	0	0.00							1	0	0.00			
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00							1	0	0.00			
		Drinking Water	5.	1	0	0.00							1	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00							1	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	1	1.00							1	1	1.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00							1	0	0.00			
		Drinking Water	15.	1	0	0.00							1	0	0.00			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	1	1.00							1	1	1.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			
01095	ANTIMONY, DISSOLVED	Fresh Acute	88.	1	0	0.00							1	0	0.00			
		Drinking Water	6.	0 &	0	0.00												

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

Station Inventory for Station: GRBA0238

NPS Station ID: GRBA0238 | LAT/LON: 39.003837/-114.301504 | Agency: 11NPSWRD | Date Created: 07/11/98
Location: APPROXIMATE CENTER OF BROWN LAKE | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): GRBA_NPS_BROL
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 10180 | Water Body Id:
Minor Basin: GREAT SALT LAKE | ECO Region:
RF1 Index: 16020301 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT THE APPROXIMATE CENTER OF BROWN LAKE AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK BOUNDARY. THE DATA ARE FROM SEVERAL YEARLY REPORTS (1990-97) BY KURT PFAFF; PHYSICAL SCIENCE TECHNICIAN FOR GREAT BASIN NATIONAL PARK. A SURFACE WATER QUALITY MONITORING PROGRAM WAS INSTITUTED TO ACQUIRE THE DATA FROM THE PARK WATERS ON A SEMI-ANNUAL BASIS. DATA ARE INTEGRATED INTO THE PARK'S WATER RESOURCE MANAGEMENT PLAN IN ORDER TO PERPETUATE THE INHERENT NATURAL INTEGRITY OF ITS WATER-DEPENDENT ENVIRONMENTS. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0238

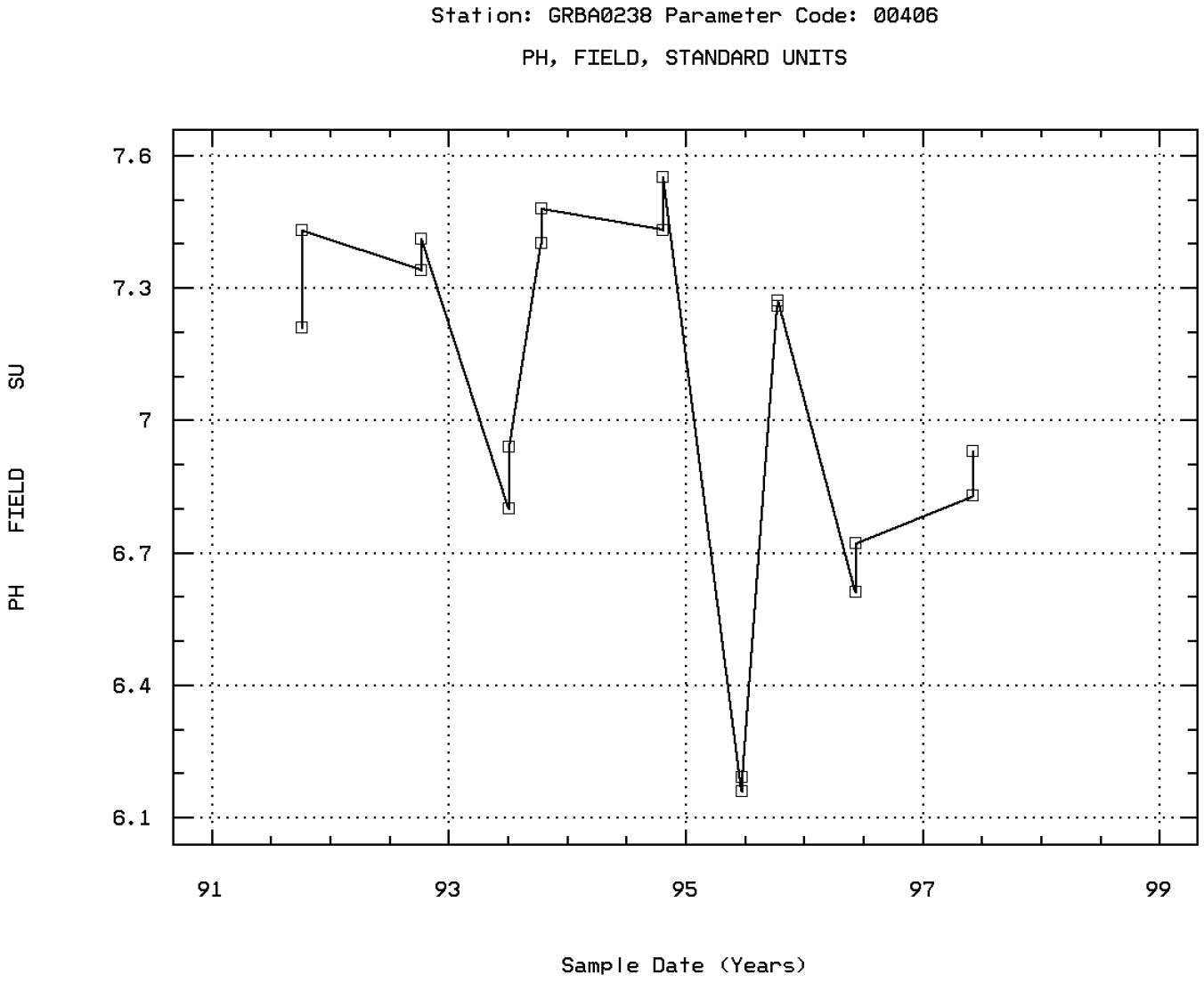
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/06/93-06/05/97	7	7.	8.143	17.	3.	31.476	5.61	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/07/91-06/05/97	9	26.	25.333	44.	12.	116.75	10.805	12.	16.5	33.5	44.
00406p	PH, FIELD, STANDARD UNITS SU	10/07/91-06/05/97	18	7.235	7.053	7.55	6.16	0.185	0.43	6.187	6.78	7.415	7.487
00406p	CONVERTED PH, FIELD, STANDARD UNITS	10/07/91-06/05/97	18	7.234	6.817	7.55	6.16	0.244	0.494	6.187	6.78	7.415	7.487
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/91-06/05/97	18	0.058	0.152	0.692	0.028	0.039	0.198	0.033	0.038	0.167	0.65

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

EPA Water Quality Criteria Analysis for Station: GRBA0238

			Total	Exceed	Prop.	----------9/15-4/14----------			----------4/15-6/14----------			----------6/15-9/14----------			--------------n/a--------------		
Parameter	Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00406 PH, FIELD	Fresh Chronic	9.	18	0	0.00	10	0	0.00	4	0	0.00	4	0	0.00			
	Other-Lo Lim.	6.5	18	2	0.11	10	0	0.00	4	0	0.00	4	2	0.50			

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



APPROXIMATE CENTER OF BROWN LAKE

Station Inventory for Station: GRBA0239

NPS Station ID: GRBA0239 | LAT/LON: 39.003837/-114.301726 | Agency: 11NPSWRD | Date Created: 11/21/98
Location: BROWN LAKE OFF WEST SHORE | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): GRBA_EPA_BRL5
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 10180 | Water Body Id:
Minor Basin: GREAT SALT LAKE | ECO Region:
RF1 Index: 16020301 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED OFF THE WEST SHORE OF BROWN LAKE AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM A REPORT BY RICHARD METCALF ET AL.; "CHEMISTRY OF SELECTED LAKES AND STREAMS IN GREAT BASIN NATIONAL PARK NEVADA DURING WINTER AND SPRING 1989;" SEPTEMBER 1992. THIS REPORT WAS PREPARED UNDER A COOPERATIVE AGREEMENT BETWEEN THE NATIONAL PARK SERVICE AND THE ENVIRONMENTAL PROTECTION AGENCY IN AN EFFORT TO OBTAINA COMPLETE CHEMICAL ANALYSIS OF THE WATERS IN GRBA. THE DATA ARE MEANT TO BE USED IN PARK RESOURCE ASSESSMENT; IN FUTURE STUDIES; AND AS A SOURCE OF BASELINE WATER QUALITY ANALYSES. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0239

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/89-05/23/89	1	12.2	12.2	12.2	12.2	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/23/89-05/23/89	1	27.	27.	27.	27.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/23/89-05/23/89	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/23/89-05/23/89	1	7.74	7.74	7.74	7.74	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/23/89-05/23/89	1	7.74	7.74	7.74	7.74	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/89-05/23/89	1	0.018	0.018	0.018	0.018	0.	0.	**	**	**	**
72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/23/89-05/23/89	1	10180.	10180.	10180.	10180.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0239

				Total	Exceed	Prop.	----------9/15-4/14----------			----------4/15-6/14----------			----------6/15-9/14----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00				1	0	0.00						
00400	PH	Fresh Chronic	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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0240

NPS Station ID: GRBA0240 | LAT/LON: 39.004059/-114.301116 | Agency: 11NPSWRD | Date Created: 11/21/98
Location: BROWN LAKE OFF NORTHEAST SHORE | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): GRBA_EPA_BRL3
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 10180 | Water Body Id:
Minor Basin: GREAT SALT LAKE | ECO Region:
RF1 Index: 16020301 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED OFF THE NORTHEAST SHORE OF BROWN LAKE AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM A REPORT BY RICHARD METCALF ET AL.; "CHEMISTRY OF SELECTED LAKES AND STREAMS IN GREAT BASIN NATIONAL PARK NEVADA DURING WINTER AND SPRING 1989;" SEPTEMBER 1992. THIS REPORT WAS PREPARED UNDER A COOPERATIVE AGREEMENT BETWEEN THE NPS AND THE ENVIRONMENTAL PROTECTION AGENCY IN AN EFFORT TO OBTAIN A COMPLETE CHEMICAL ANALYSIS OF THE WATERS IN GRBA. THE DATA ARE MEANT TO BE USED IN PARK RESOURCE ASSESSMENT; IN FUTURE STUDIES; AND AS A SOURCE OF BASELINE WATER QUALITY ANALYSES. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0240

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/89-05/23/89	1	13.3	13.3	13.3	13.3	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/23/89-05/23/89	1	30.	30.	30.	30.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/23/89-05/23/89	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/23/89-05/23/89	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/23/89-05/23/89	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/89-05/23/89	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/23/89-05/23/89	1	10180.	10180.	10180.	10180.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0240

				Total	Exceed	Prop.	9/15-4/14			4/15-6/14			6/15-9/14			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00				1	0	0.00						
00400	PH	Fresh Chronic	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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0241

NPS Station ID: GRBA0241 | LAT/LON: 39.004087/-114.301642 | Agency: 11NPSWRD | Date Created: 11/21/98
Location: BROWN LAKE OFF NORTHWEST SHORE | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): GRBA_EPA_BRL4
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 10180 | Water Body Id:
Minor Basin: GREAT SALT LAKE | ECO Region:
RF1 Index: 16020301 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED OFF THE NORTHWEST SHORE OF BROWN LAKE AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM A REPORT BY RICHARD METCALF ET AL.; "CHEMISTRY OF SELECTED LAKES AND STREAMS IN GREAT BASIN NATIONAL PARK NEVADA DURING WINTER AND SPRING 1989;" SEPTEMBER 1992. THIS REPORT WAS PREPARED UNDER A COOPERATIVE AGREEMENT BETWEEN THE NPS AND THE ENVIRONMENTAL PROTECTION AGENCY IN AN EFFORT TO OBTAIN A COMPLETE CHEMICAL ANALYSIS OF THE WATERS IN GRBA. THE DATA ARE MEANT TO BE USED IN PARK RESOURCE ASSESSMENT; IN FUTURE STUDIES; AND AS A SOURCE OF BASELINE WATER QUALITY ANALYSES. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0241

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/89-05/23/89	1	13.6	13.6	13.6	13.6	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/23/89-05/23/89	1	31.	31.	31.	31.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/23/89-05/23/89	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/23/89-05/23/89	1	8.22	8.22	8.22	8.22	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/23/89-05/23/89	1	8.22	8.22	8.22	8.22	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/89-05/23/89	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/23/89-05/23/89	1	10180.	10180.	10180.	10180.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0241

Parameter				Total	Exceed	Prop.	9/15-4/14			4/15-6/14			6/15-9/14			n/a		
		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00				1	0	0.00						
00400	PH	Fresh Chronic	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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0242

NPS Station ID: GRBA0242 LAT/LON: 39.004892/-114.333393 Agency: 11NPSWRD Date Created: 08/08/98
Location: SHINGLE CK SPRING 1900 METERS FROM PARK BDRY FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING STORET Station ID(s): GRBA_BOR_RSH108
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 16060008 Depth of Water: 0 Aquifer:
Major Basin: GREAT BASIN Elevation: 9600 Water Body Id:
Minor Basin: CENTRAL NEVADA ECO Region:
RF1 Index: 16060008 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 16020301119900.00 RF3 Mile Point: 1.19 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT A SPRING ON SHINGLE CREEK APPROXIMATELY 1900 METERS UPSTREAM OF THE PARK BOUNDARY AND IS IDENTIFIED AS RSH108. THIS SITE IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM A REPORT BY THE BUREAU OF RECLAMATION; "GREAT BASIN NATIONAL PARK; HYDROLOGIC INVENTORY;" 1994. THE OBJECTIVE OF THIS STUDY WAS TO LOCATE AND DESCRIBE NATURAL SPRINGS AND SEEPS WITHIN GRBA THAT HAD REMAINED ACTIVE UNDER THE DROUGHT SITUATION OCCURRING AT THAT TIME. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0242

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/09/94-08/09/94	1	4.1	4.1	4.1	4.1	0.	0.	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	08/09/94-08/09/94	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/09/94-08/09/94	1	26.	26.	26.	26.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/09/94-08/09/94	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/09/94-08/09/94	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/09/94-08/09/94	1	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0242

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00406	PH, FIELD	Fresh Chronic	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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0243

NPS Station ID: GRBA0243 | LAT/LON: 39.004976/-114.318115 | Agency: 11NPSWRD | Date Created: 11/21/98
Location: NEAR SOUTHWEST SHORE OF STELLA LAKE | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): GRBA_EPA_SL3
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 10380 | Water Body Id:
Minor Basin: GREAT SALT LAKE | ECO Region:
RF1 Index: 16020301 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED NEAR THE SOUTHWEST SHORE OF STELLA LAKE AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM A REPORT BY RICHARD METCALF ET AL.; "CHEMISTRY OF SELECTED LAKES AND STREAMS IN GREAT BASIN NATIONAL PARK NEVADA DURING WINTER AND SPRING 1989;" SEPTEMBER 1992. THIS REPORT WAS PREPARED UNDER A COOPERATIVE AGREEMENT BETWEEN THE NPS AND THE ENVIRONMENTAL PROTECTION AGENCY IN AN EFFORT TO OBTAIN A COMPLETE CHEMICAL ANALYSIS OF THE WATERS IN GRBA. THE DATA ARE MEANT TO BE USED IN PARK RESOURCE ASSESSMENT; IN FUTURE STUDIES; AND AS A SOURCE OF BASELINE WATER QUALITY ANALYSES. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0243

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/24/89-05/24/89	1	10.5	10.5	10.5	10.5	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/24/89-05/24/89	1	33.	33.	33.	33.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/24/89-05/24/89	1	8.6	8.6	8.6	8.6	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/24/89-05/24/89	1	7.18	7.18	7.18	7.18	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/24/89-05/24/89	1	7.18	7.18	7.18	7.18	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/24/89-05/24/89	1	0.066	0.066	0.066	0.066	0.	0.	**	**	**	**
72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/24/89-05/24/89	1	10380.	10380.	10380.	10380.	0.	0.	**	**	**	**
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	05/24/89-05/24/89	1	3.3	3.3	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: GRBA0243

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00				1	0	0.00						

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

EPA Water Quality Criteria Analysis for Station: GRBA0243

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400 PH	Fresh Chronic	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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0244

NPS Station ID: GRBA0244 | LAT/LON: 39.005115/-114.317699 | Agency: 11NPSWRD | Date Created: 11/21/98
Location: SOUTH END OF STELLA LAKE | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): GRBA_EPA_SL10
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 10380 | Water Body Id:
Minor Basin: GREAT SALT LAKE | ECO Region:
RF1 Index: 16020301 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED NEAR THE SOUTH END OF STELLA LAKE AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM A REPORT BY RICHARD METCALF ET AL.; "CHEMISTRY OF SELECTED LAKES AND STREAMS IN GREAT BASIN NATIONAL PARK NEVADA DURING WINTER AND SPRING 1989;" SEPTEMBER 1992. THIS REPORT WAS PREPARED UNDER A COOPERATIVE AGREEMENT BETWEEN THE NATIONAL PARK SERVICE AND THE ENVIRONMENTAL PROTECTION AGENCY IN AN EFFORT TO OBTAINA COMPLETE CHEMICAL ANALYSIS OF THE WATERS IN GRBA. THE DATA ARE MEANT TO BE USED IN PARK RESOURCE ASSESSMENT; IN FUTURE STUDIES; AND AS A SOURCE OF BASELINE WATER QUALITY ANALYSES. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0244

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/24/89-05/24/89	2	9.8	9.8	9.8	9.8	0.	0.	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	05/24/89-05/24/89	1	220.	220.	220.	220.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/24/89-05/24/89	2	33.5	33.5	34.	33.	0.5	0.707	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/24/89-05/24/89	2	8.55	8.55	8.6	8.5	0.005	0.071	**	**	**	**
00400	PH (STANDARD UNITS)	05/24/89-05/24/89	2	7.395	7.395	7.4	7.39	0.	0.007	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/24/89-05/24/89	2	7.395	7.395	7.4	7.39	0.	0.007	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/24/89-05/24/89	2	0.04	0.04	0.041	0.04	0.	0.001	**	**	**	**
72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/24/89-05/24/89	2	10380.	10380.	10380.	10380.	0.	0.	**	**	**	**
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	05/24/89-05/24/89	1	3.6	3.6	3.6	3.6	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: GRBA0244

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	2	0	0.00				2	0	0.00						
00400	PH	Fresh Chronic	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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0245

NPS Station ID: GRBA0245 LAT/LON: 39.005199/-114.317503 Agency: 11NPSWRD Date Created: 06/20/98
Location: MIDWAY ALONG SOUTHEAST SHORE OF STELLA LAKE FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): GRBA_OSU_STEL
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 Depth of Water: 0 Aquifer:
Major Basin: GREAT BASIN Elevation: 10390 Water Body Id:
Minor Basin: GREAT SALT LAKE ECO Region:
RF1 Index: 16020301 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 16020301119900.00 RF3 Mile Point: 1.19 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED AT THE WINDY PEAK NV-WHITE PINE CO. 7.5 MINUTE SERIES (TOPO.) QUADRANGLE. THE SITE IS LOCATED MIDWAY ALONG THE SOUTH-EAST SHORE OF STELLA LAKE AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM A REPORT BY RUTH JACOBS ET AL.; "CHEMICAL CHARACTERISTICS OF SURFACE WATERS OF GREAT BASIN NATIONAL PARK;" DECEMBER 1993. THIS REPORT WAS PREPARED IN COOPERATION WITH THE NATIONAL PARK SERVICE. THE STUDY WAS DESIGNED TO COLLECT WATER QUALITY DATA FOR THE PARK TO AID IN THE PREPARATION OF A WATER QUALITY MONITORING PROGRAM TO MEET MANAGEMENT PLAN OBJECTIVES. THE SAMPLES WERE FILTERED WITH A 1.2 UM FILTER IN THE FIELD. ICP METAL VALUES WERE UPLOADED TO STORET BUT ARE CONSIDERED TO BE SUSPECT. FOR MORE INFO. CONTACT THE CHIEF OF RESOURCES AT GRBA; BAKER NV 89311 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0245

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/23/92-08/23/92	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/23/92-08/23/92	1	34.	34.	34.	34.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/23/92-08/23/92	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/23/92-08/23/92	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/23/92-08/23/92	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/23/92-08/23/92	1	32.	32.	32.	32.	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/23/92-08/23/92	1	0.014	0.014	0.014	0.014	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/23/92-08/23/92	1	0.22	0.22	0.22	0.22	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/23/92-08/23/92	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/23/92-08/23/92	1	0.011	0.011	0.011	0.011	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/23/92-08/23/92	1 ##	0.023	0.023	0.023	0.023	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/23/92-08/23/92	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/23/92-08/23/92	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/23/92-08/23/92	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/23/92-08/23/92	1	1.16	1.16	1.16	1.16	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/23/92-08/23/92	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/23/92-08/23/92	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/23/92-08/23/92	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/23/92-08/23/92	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

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

Parameter Inventory for Station: GRBA0245

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/23/92-08/23/92	1 ##	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/23/92-08/23/92	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/23/92-08/23/92	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/23/92-08/23/92	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	08/23/92-08/23/92	1	26.	26.	26.	26.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/23/92-08/23/92	1	230.	230.	230.	230.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	08/23/92-08/23/92	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/23/92-08/23/92	1	12.	12.	12.	12.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	08/23/92-08/23/92	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	08/23/92-08/23/92	1 ##	3.	3.	3.	3.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/23/92-08/23/92	1	63.	63.	63.	63.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/23/92-08/23/92	1	216.	216.	216.	216.	0.	0.	**	**	**	**
01095	ANTIMONY, DISSOLVED (UG/L AS SB)	08/23/92-08/23/92	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01100	TIN, DISSOLVED (UG/L AS SN)	08/23/92-08/23/92	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/23/92-08/23/92	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	08/23/92-08/23/92	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
50098	CALCIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/23/92-08/23/92	1	17.47	17.47	17.47	17.47	0.	0.	**	**	**	**
50104	POTASSIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/23/92-08/23/92	1	1.44	1.44	1.44	1.44	0.	0.	**	**	**	**
50105	MAGNESIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/23/92-08/23/92	1	2.93	2.93	2.93	2.93	0.	0.	**	**	**	**
50108	SODIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/23/92-08/23/92	1	3.88	3.88	3.88	3.88	0.	0.	**	**	**	**
50932	SULFUR, DISSOLVED AS S MG/L	08/23/92-08/23/92	1	0.938	0.938	0.938	0.938	0.	0.	**	**	**	**
50938	ANION - CATION RATIO	08/23/92-08/23/92	1	1.02	1.02	1.02	1.02	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/23/92-08/23/92	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: GRBA0245

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	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			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00							1	0	0.00			
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00							1	0	0.00			
		Drinking Water	50.	1	0	0.00							1	0	0.00			
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00							1	0	0.00			
		Drinking Water	5.	1	0	0.00							1	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00							1	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	1	1.00							1	1	1.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00							1	0	0.00			
		Drinking Water	15.	1	0	0.00							1	0	0.00			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	1	1.00							1	1	1.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			
01095	ANTIMONY, DISSOLVED	Fresh Acute	88.	1	0	0.00							1	0	0.00			
		Drinking Water	6.	0 &	0	0.00												

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

Station Inventory for Station: GRBA0246

NPS Station ID: GRBA0246 LAT/LON: 39.005199/-114.317503 Agency: 11NPSWRD Date Created: 07/11/98
Location: MIDWAY ALONG SOUTHEAST SHORE OF STELLA LAKE FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): GRBA_NPS_STEL
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 Depth of Water: 0 Aquifer:
Major Basin: GREAT BASIN Elevation: 10390 Water Body Id:
Minor Basin: GREAT SALT LAKE ECO Region:
RF1 Index: 16020301 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 16020301119900.00 RF3 Mile Point: 1.19 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED MIDWAY ALONG THE SOUTHEAST SHORE OF STELLA LAKE AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM SEVERAL YEARLY REPORTS (1990-97) BY KURT PFAFF; PHYSICAL SCIENCE TECHNICIAN FOR GRBA. A SURFACE WATER QUALITY MONITORING PROGRAM WAS INSTITUTED TO ACQUIRE THE DATA FROM THE PARK WATERS ON A SEMI-ANNUAL BASIS. DATA ARE INTEGRATED INTO THE PARK'S WATER RESOURCE MANAGEMENT PLAN IN ORDER TO PERPETUATE THE INHERENT NATURAL INTEGRITY OF ITS WATER-DEPENDENT ENVIRONMENTS. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0246

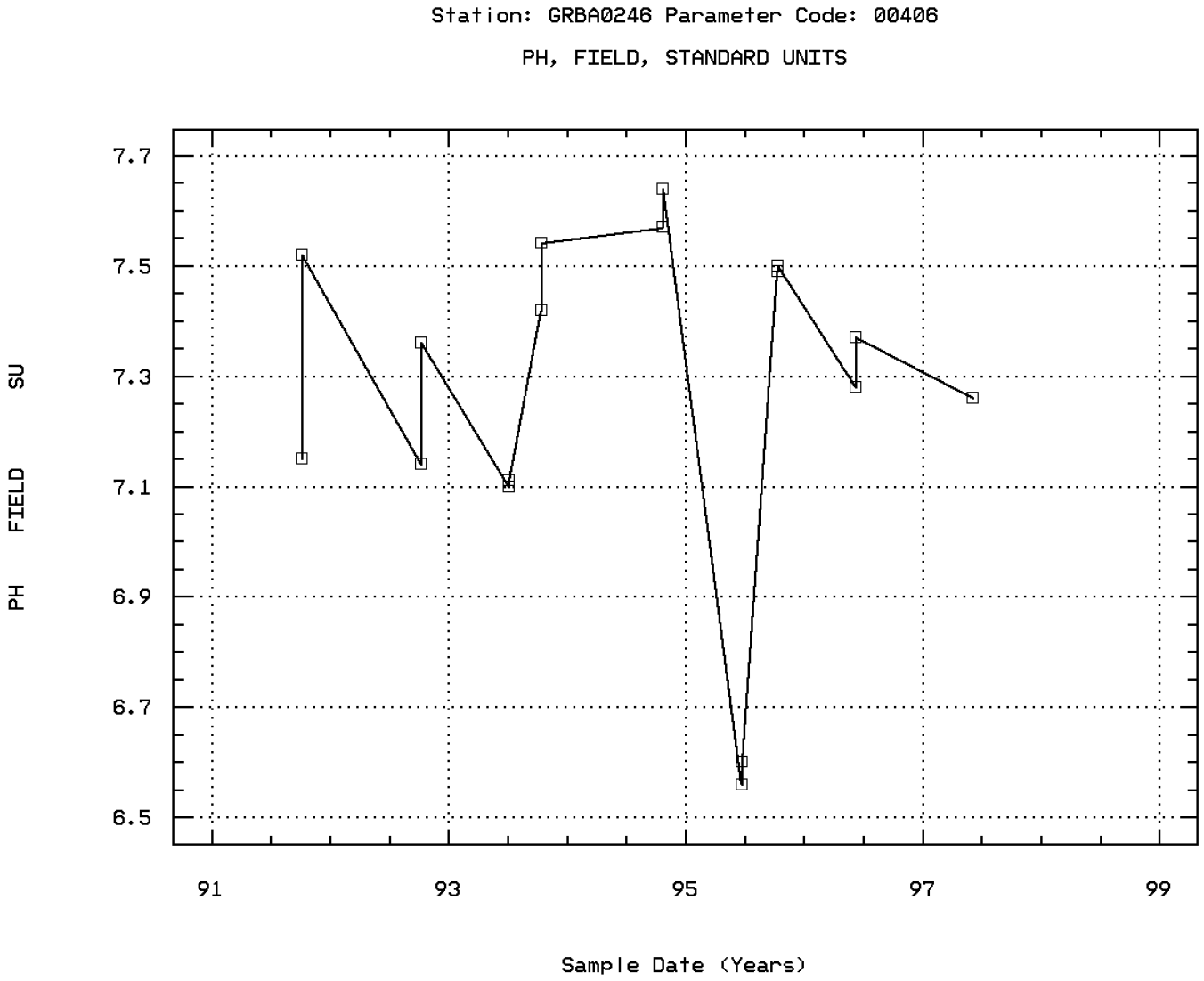
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/06/93-06/05/97	7	5.	6.857	14.	1.	25.476	5.047	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/07/91-06/05/97	9	30.	28.333	38.	15.	53.25	7.297	15.	24.	34.5	38.
00406p	PH, FIELD, STANDARD UNITS SU	10/07/91-06/05/97	17	7.36	7.271	7.64	6.56	0.096	0.311	6.592	7.125	7.51	7.584
00406p	CONVERTED PH, FIELD, STANDARD UNITS	10/07/91-06/05/97	17	7.36	7.14	7.64	6.56	0.115	0.339	6.592	7.125	7.51	7.584
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/91-06/05/97	17	0.044	0.072	0.275	0.023	0.006	0.074	0.026	0.031	0.075	0.256

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

EPA Water Quality Criteria Analysis for Station: GRBA0246

			Total	Exceed	Prop.	----------9/15-4/14----------			----------4/15-6/14----------			----------6/15-9/14----------			--------------n/a--------------		
Parameter	Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00406 PH, FIELD	Fresh Chronic	9.	17	0	0.00	10	0	0.00	3	0	0.00	4	0	0.00			
	Other-Lo Lim.	6.5	17	0	0.00	10	0	0.00	3	0	0.00	4	0	0.00			

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



MIDWAY ALONG SOUTHEAST SHORE OF STELLA

Station Inventory for Station: GRBA0247

NPS Station ID: GRBA0247 | LAT/LON: 39.005199/-114.317503 | Agency: 11NPSWRD | Date Created: 07/11/98
Location: STELLA LAKE EAST SIDE | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): GRBA_NPS_STE902
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 0 | Water Body Id:
Minor Basin: GREAT SALT LAKE | ECO Region:
RF1 Index: 16020301 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT THE EAST SIDE OF STELLA LAKE AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THIS SAMPLING SITE WAS DISCONTINUED FOR STUDIES AFTER 1990. THE DATA ARE FROM SEVERAL YEARLY REPORTS (1990-97) BY KURT PFAFF; PHYSICAL SCIENCE TECHNICIAN FOR GRBA. A SURFACE WATER QUALITY MONITORING PROGRAM WAS INSTITUTED TO ACQUIRE DATA FROM THE PARK WATERS ON A SEMI-ANNUAL BASIS. DATA ARE INTEGRATED INTO THE PARK'S WATER RESOURCE MANAGEMENT PLAN IN ORDER TO PERPETUATE THE INHERENT NATURAL INTEGRITY OF ITS WATER-DEPENDENT ENVIRONMENTS. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0247

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/21/90-06/21/90	1	27.	27.	27.	27.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	06/21/90-06/21/90	1	7.41	7.41	7.41	7.41	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/21/90-06/21/90	1	7.41	7.41	7.41	7.41	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/21/90-06/21/90	1	0.039	0.039	0.039	0.039	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0247

			Total	Exceed	Prop.	9/15-4/14			4/15-6/14			6/15-9/14			n/a		
Parameter	Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00406 PH, FIELD	Fresh Chronic	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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0248

NPS Station ID: GRBA0248
LAT/LON: 39.005227/-114.318059
Agency: 11NPSWRD
Date Created: 11/21/98
Location: STELLA LAKE OFF SOUTHERN SHORE
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): GRBA_EPA_GBW2
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 10380
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED OFF THE SOUTHERN SHORE OF STELLA LAKE AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM A REPORT BY RICHARD METCALF ET AL.; "CHEMISTRY OF SELECTED LAKES AND STREAMS IN GREAT BASIN NATIONAL PARK NEVADA DURING WINTER AND SPRING 1989;" SEPTEMBER 1992. THIS REPORT WAS PREPARED UNDER A COOPERATIVE AGREEMENT BETWEEN THE NPS AND THE ENVIRONMENTAL PROTECTION AGENCY IN AN EFFORT TO OBTAIN A COMPLETE CHEMICAL ANALYSIS OF THE WATERS IN GRBA. THE DATA ARE MEANT TO BE USED IN PARK RESOURCE ASSESSMENT; IN FUTURE STUDIES; AND AS A SOURCE OF BASELINE WATER QUALITY ANALYSES. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0248

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/01/89-03/01/89	1	187.	187.	187.	187.	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	03/01/89-03/01/89	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	03/01/89-03/01/89	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/01/89-03/01/89	1	25.8	25.8	25.8	25.8	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/01/89-03/01/89	1	4.5	4.5	4.5	4.5	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/01/89-03/01/89	1	3.85	3.85	3.85	3.85	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/01/89-03/01/89	1	2.26	2.26	2.26	2.26	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	03/01/89-03/01/89	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	03/01/89-03/01/89	1	42.	42.	42.	42.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	03/01/89-03/01/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	03/01/89-03/01/89	1 ##	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	03/01/89-03/01/89	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	03/01/89-03/01/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	03/01/89-03/01/89	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	03/01/89-03/01/89	1 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	03/01/89-03/01/89	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/01/89-03/01/89	1	3000.	3000.	3000.	3000.	0.	0.	**	**	**	**
01057	THALLIUM, DISSOLVED (UG/L AS TL)	03/01/89-03/01/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	03/01/89-03/01/89	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: GRBA0248

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01075	SILVER, DISSOLVED (UG/L AS AG)	03/01/89-03/01/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	03/01/89-03/01/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	03/01/89-03/01/89	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01095	ANTIMONY, DISSOLVED (UG/L AS SB)	03/01/89-03/01/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	03/01/89-03/01/89	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	03/01/89-03/01/89	1 ##	3.5	3.5	3.5	3.5	0.	0.	**	**	**	**
72009	ELEVATION OF LAND SURFACE IN FEET (BM)	03/01/89-03/01/89	1	10380.	10380.	10380.	10380.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0248

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00	1	0	0.00									
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	1	0	0.00	1	0	0.00									
		Drinking Water	4.	1	0	0.00	1	0	0.00									
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00	1	0	0.00									
		Drinking Water	5.	1	0	0.00	1	0	0.00									
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00	1	0	0.00									
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00	1	0	0.00									
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00	1	0	0.00									
		Drinking Water	15.	1	0	0.00	1	0	0.00									
01057	THALLIUM, DISSOLVED	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	2.	1	0	0.00	1	0	0.00									
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00	1	0	0.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
01095	ANTIMONY, DISSOLVED	Fresh Acute	88.	1	0	0.00	1	0	0.00									
		Drinking Water	6.	1	0	0.00	1	0	0.00									
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: GRBA0249

NPS Station ID: GRBA0249 | LAT/LON: 39.005227/-114.318115 | Agency: 11NPSWRD | Date Created: 11/21/98
Location: STELLA LAKE OFF SOUTHWEST SHORE | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): GRBA_EPA_SL2
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 10380 | Water Body Id:
Minor Basin: GREAT SALT LAKE | ECO Region:
RF1 Index: 16020301 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED OFF THE SOUTHWEST SHORE OF STELLA LAKE AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM A REPORT BY RICHARD METCALF ET AL.; "CHEMISTRY OF SELECTED LAKES AND STREAMS IN GREAT BASIN NATIONAL PARK NEVADA DURING WINTER AND SPRING 1989;" SEPTEMBER 1992. THIS REPORT WAS PREPARED UNDER A COOPERATIVE AGREEMENT BETWEEN THE NPS AND THE ENVIRONMENTAL PROTECTION AGENCY IN AN EFFORT TO OBTAIN A COMPLETE CHEMICAL ANALYSIS OF THE WATERS IN GRBA. THE DATA ARE MEANT TO BE USED IN PARK RESOURCE ASSESSMENT; IN FUTURE STUDIES; AND AS A SOURCE OF BASELINE WATER QUALITY ANALYSES. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0249

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/24/89-05/24/89	2	9.3	9.3	9.3	9.3	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/24/89-05/24/89	2	34.	34.	34.	34.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/24/89-05/24/89	2	9.	9.	9.1	8.9	0.02	0.141	**	**	**	**
00400	PH (STANDARD UNITS)	05/24/89-05/24/89	2	7.155	7.155	7.17	7.14	0.	0.021	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/24/89-05/24/89	2	7.155	7.155	7.17	7.14	0.	0.021	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/24/89-05/24/89	2	0.07	0.07	0.072	0.068	0.	0.003	**	**	**	**
72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/24/89-05/24/89	2	10380.	10380.	10380.	10380.	0.	0.	**	**	**	**
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	05/24/89-05/24/89	1	4.7	4.7	4.7	4.7	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: GRBA0249

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	2	0	0.00				2	0	0.00						

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

EPA Water Quality Criteria Analysis for Station: GRBA0249

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400 PH	Fresh Chronic	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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0250

NPS Station ID: GRBA0250 | LAT/LON: 39.005310/-114.317588 | Agency: 11NPSWRD | Date Created: 11/21/98
Location: STELLA LAKE CENTRAL | | FIPS State/County: 32033 NEVADA/WHITE PINE |
Station Type: /TYPA/AMBNT/LAKE | | STORET Station ID(s): GRBA_EPA_SL9 |
RMI-Indexes: | | Within Park Boundary: Yes |
RMI-Miles: | | |
HUC: 16020301 | Depth of Water: 0 | Aquifer: |
Major Basin: GREAT BASIN | Elevation: 10380 | Water Body Id: |
Minor Basin: GREAT SALT LAKE | | ECO Region: |
RF1 Index: 16020301 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:

Description:
THE STATION IS LOCATED ON THE WINDY PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED IN CENTRAL STELLA LAKE AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM A REPORT BY RICHARD METCALF ET AL.; "CHEMISTRY OF SELECTED LAKES AND STREAMS IN GREAT BASIN NATIONAL PARK NEVADA DURING WINTER AND SPRING 1989;" SEPTEMBER 1992. THIS REPORT WAS PREPARED UNDER A COOPERATIVE AGREEMENT BETWEEN THE NATIONAL PARK SERVICE AND THE ENVIRONMENTAL PROTECTION AGENCY IN AN EFFORT TO OBTAIN A COMPLETE CHEMICAL ANALYSIS OF THE WATERS IN GRBA. THE DATA ARE MEANT TO BE USED IN PARK RESOURCE ASSESSMENT; IN FUTURE STUDIES; AND AS A SOURCE OF BASELINE WATER QUALITY ANALYSES. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0250

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/24/89-05/24/89	2	9.6	9.6	9.6	9.6	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/24/89-05/24/89	2	33.5	33.5	34.	33.	0.5	0.707	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/24/89-05/24/89	2	8.75	8.75	8.9	8.6	0.045	0.212	**	**	**	**
00400	PH (STANDARD UNITS)	05/24/89-05/24/89	2	7.39	7.39	7.39	7.39	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/24/89-05/24/89	2	7.39	7.39	7.39	7.39	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/24/89-05/24/89	2	0.041	0.041	0.041	0.041	0.	0.	**	**	**	**
72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/24/89-05/24/89	2	10380.	10380.	10380.	10380.	0.	0.	**	**	**	**
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	05/24/89-05/24/89	1	4.5	4.5	4.5	4.5	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: GRBA0250

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	2	0	0.00				2	0	0.00						

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

EPA Water Quality Criteria Analysis for Station: GRBA0250

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400 PH	Fresh Chronic	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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0251

NPS Station ID: GRBA0251 | LAT/LON: 39.005310/-114.317948 | Agency: 11NPSWRD | Date Created: 11/21/98
Location: CENTRAL STELLA LAKE | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): GRBA_EPA_GBS6
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 10380 | Water Body Id:
Minor Basin: GREAT SALT LAKE | ECO Region:
RF1 Index: 16020301 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED NEAR THE CENTER OF STELLA LAKE AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM A REPORT BY RICHARD METCALF ET AL.; "CHEMISTRY OF SELECTED LAKES AND STREAMS IN GREAT BASIN NATIONAL PARK NEVADA DURING WINTER AND SPRING 1989;" SEPTEMBER 1992. THIS REPORT WAS PREPARED UNDER A COOPERATIVE AGREEMENT BETWEEN THE NATIONAL PARK SERVICE AND THE ENVIRONMENTAL PROTECTION AGENCY IN AN EFFORT TO OBTAINA COMPLETE CHEMICAL ANALYSIS OF THE WATERS IN GRBA. THE DATA ARE MEANT TO BE USED IN PARK RESOURCE ASSESSMENT; IN FUTURE STUDIES; AND AS A SOURCE OF BASELINE WATER QUALITY ANALYSES. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0251

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/24/89-05/24/89	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/24/89-05/24/89	1	7.12	7.12	7.12	7.12	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/24/89-05/24/89	1	7.12	7.12	7.12	7.12	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/24/89-05/24/89	1	0.076	0.076	0.076	0.076	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/24/89-05/24/89	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	05/24/89-05/24/89	1	3.7	3.7	3.7	3.7	0.	0.	**	**	**	**
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	05/24/89-05/24/89	1	2.2	2.2	2.2	2.2	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/24/89-05/24/89	1	2.7	2.7	2.7	2.7	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/24/89-05/24/89	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/24/89-05/24/89	1	0.68	0.68	0.68	0.68	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/24/89-05/24/89	1	0.24	0.24	0.24	0.24	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/24/89-05/24/89	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/24/89-05/24/89	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	05/24/89-05/24/89	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	05/24/89-05/24/89	1	9.	9.	9.	9.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	05/24/89-05/24/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	05/24/89-05/24/89	1 ##	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/24/89-05/24/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	05/24/89-05/24/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

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

Parameter Inventory for Station: GRBA0251

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01040	COPPER, DISSOLVED (UG/L AS CU)	05/24/89-05/24/89	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	05/24/89-05/24/89	1 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	05/24/89-05/24/89	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/24/89-05/24/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01057	THALLIUM, DISSOLVED (UG/L AS TL)	05/24/89-05/24/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	05/24/89-05/24/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	05/24/89-05/24/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	05/24/89-05/24/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	05/24/89-05/24/89	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01095	ANTIMONY, DISSOLVED (UG/L AS SB)	05/24/89-05/24/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	05/24/89-05/24/89	1	82.	82.	82.	82.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	05/24/89-05/24/89	1 ##	3.5	3.5	3.5	3.5	0.	0.	**	**	**	**
72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/24/89-05/24/89	1	10380.	10380.	10380.	10380.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0251

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00				1	0	0.00						
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00				1	0	0.00						
		Drinking Water	250.	1	0	0.00				1	0	0.00						
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00				1	0	0.00						
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00				1	0	0.00						
		Drinking Water	50.	1	0	0.00				1	0	0.00						
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00				1	0	0.00						
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	1	0	0.00				1	0	0.00						
		Drinking Water	4.	1	0	0.00				1	0	0.00						
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00				1	0	0.00						
		Drinking Water	5.	1	0	0.00				1	0	0.00						
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00				1	0	0.00						
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00				1	0	0.00						
		Drinking Water	1300.	1	0	0.00				1	0	0.00						
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00				1	0	0.00						
		Drinking Water	15.	1	0	0.00				1	0	0.00						
01057	THALLIUM, DISSOLVED	Fresh Acute	1400.	1	0	0.00				1	0	0.00						
		Drinking Water	2.	1	0	0.00				1	0	0.00						
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00				1	0	0.00						
		Drinking Water	100.	1	0	0.00				1	0	0.00						
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00				1	0	0.00						
		Drinking Water	100.	1	0	0.00				1	0	0.00						
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00				1	0	0.00						
		Drinking Water	5000.	1	0	0.00				1	0	0.00						
01095	ANTIMONY, DISSOLVED	Fresh Acute	88.	1	0	0.00				1	0	0.00						
		Drinking Water	6.	1	0	0.00				1	0	0.00						
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00				1	0	0.00						
		Drinking Water	50.	1	0	0.00				1	0	0.00						

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

Station Inventory for Station: GRBA0252

NPS Station ID: GRBA0252 LAT/LON: 39.005310/-114.353393 Agency: 11NPSWRD Date Created: 06/20/98
Location: SHINGLE CK AT SHEEP TRAIL ABOVE GRBA BOUNDARY FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): GRBA_OSU_SHI1
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 16060008 Depth of Water: 0 Aquifer:
Major Basin: GREAT BASIN Elevation: 8150 Water Body Id:
Minor Basin: CENTRAL NEVADA ECO Region:
RF1 Index: 16060008 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 16020301119900.00 RF3 Mile Point: 1.19 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED AT THE WINDY PEAK NV-WHITE PINE CO. 7.5 MINUTE SERIES (TOPO.) QUADRANGLE. THE SITE IS LOCATED AT SHINGLE CREEK NEAR SHEEP TRAIL 150 METERS INSIDE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY THE DATA ARE FROM A REPORT BY RUTH JACOBS ET AL.; "CHEMICAL CHARACTERISTICS OF SURFACE WATERS OF GREAT BASIN NATIONAL PARK;" DECEMBER 1993. THIS REPORT WAS PREPARED IN COOPERATION WITH THE NATIONAL PARK SERVICE. THE STUDY WAS DESIGNED TO COLLECT WATER QUALITY DATA FOR THE PARK TO AID IN THE PREPARATION OF A WATER QUALITY MONITORING PROGRAM TO MEET MANAGEMENT PLAN OBJECTIVES. THE SAMPLES WERE FILTERED WITH A 1.2 UM FILTER IN THE FIELD. ICP METAL VALUES WERE UPLOADED TO STORET BUT ARE CONSIDERED TO BE SUSPECT. FOR MORE INFO. CONTACT THE CHIEF OF RESOURCES AT GRBA; BAKER NV 89311 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0252

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/20/92-08/20/92	2	11.	11.	11.	11.	0.	0.	**	**	**	**
00064	DEPTH OF STREAM, MEAN (FT)	08/20/92-08/20/92	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/20/92-08/20/92	2	71.	71.	71.	71.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/20/92-08/20/92	2	8.25	8.25	8.3	8.2	0.005	0.071	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/20/92-08/20/92	2	8.247	8.247	8.3	8.2	0.005	0.071	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/20/92-08/20/92	2	0.006	0.006	0.006	0.005	0.	0.001	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/20/92-08/20/92	2	65.5	65.5	67.	64.	4.5	2.121	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/20/92-08/20/92	3	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/20/92-08/20/92	2	0.045	0.045	0.05	0.04	0.	0.007	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/20/92-08/20/92	2	0.007	0.007	0.007	0.006	0.	0.001	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/20/92-08/20/92	2	0.021	0.021	0.021	0.02	0.	0.001	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/20/92-08/20/92	2 ##	0.023	0.023	0.023	0.023	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/20/92-08/20/92	2	0.007	0.007	0.007	0.007	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/20/92-08/20/92	2	9.75	9.75	10.	9.5	0.125	0.354	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/20/92-08/20/92	2	1.75	1.75	1.8	1.7	0.005	0.071	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/20/92-08/20/92	2	1.82	1.82	1.82	1.82	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/20/92-08/20/92	2	0.355	0.355	0.36	0.35	0.	0.007	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/20/92-08/20/92	2	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/20/92-08/20/92	2	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

Parameter Inventory for Station: GRBA0252

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/20/92-08/20/92	2	2.15	2.15	3.3	1.	2.645	1.626	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/20/92-08/20/92	2 ##	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/20/92-08/20/92	2 ##	11.25	11.25	20.	2.5	153.125	12.374	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/20/92-08/20/92	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/20/92-08/20/92	2 ##	12.	12.	22.	2.	200.	14.142	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	08/20/92-08/20/92	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/20/92-08/20/92	2	45.	45.	56.	34.	242.	15.556	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	08/20/92-08/20/92	2 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/20/92-08/20/92	2 ##	1.75	1.75	3.	0.5	3.125	1.768	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	08/20/92-08/20/92	2 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	08/20/92-08/20/92	2 ##	3.	3.	3.	3.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/20/92-08/20/92	2	86.5	86.5	117.	56.	1860.5	43.134	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/20/92-08/20/92	2	130.5	130.5	169.	92.	2964.5	54.447	**	**	**	**
01095	ANTIMONY, DISSOLVED (UG/L AS SB)	08/20/92-08/20/92	2 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01100	TIN, DISSOLVED (UG/L AS SN)	08/20/92-08/20/92	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/20/92-08/20/92	2 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	08/20/92-08/20/92	2 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
50098	CALCIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/20/92-08/20/92	2	25.37	25.37	34.41	16.33	163.443	12.784	**	**	**	**
50104	POTASSIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/20/92-08/20/92	2 ##	0.483	0.483	0.94	0.025	0.419	0.647	**	**	**	**
50105	MAGNESIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/20/92-08/20/92	2	4.63	4.63	6.26	3.	5.314	2.305	**	**	**	**
50108	SODIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/20/92-08/20/92	2	3.98	3.98	5.4	2.56	4.033	2.008	**	**	**	**
50932	SULFUR, DISSOLVED AS S MG/L	08/20/92-08/20/92	2	1.538	1.538	2.113	0.963	0.661	0.813	**	**	**	**
50938	ANION - CATION RATIO	08/20/92-08/20/92	1	0.94	0.94	0.94	0.94	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/20/92-08/20/92	2	55.	55.	56.	54.	2.	1.414	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/20/92-08/20/92	1	56.	56.	56.	56.	0.	0.	**	**	**	**

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EPA Water Quality Criteria Analysis for Station: GRBA0252

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	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			
		Drinking Water	250.	2	0	0.00							2	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	2	0	0.00							2	0	0.00			
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	2	0	0.00							2	0	0.00			
		Drinking Water	50.	2	0	0.00							2	0	0.00			
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	2	0	0.00							2	0	0.00			
		Drinking Water	5.	2	0	0.00							2	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	2	0	0.00							2	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	2	0	0.00							2	0	0.00			
		Drinking Water	1300.	2	0	0.00							2	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	2	0	0.00							2	0	0.00			
		Drinking Water	15.	2	0	0.00							2	0	0.00			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	2	0	0.00							2	0	0.00			
		Drinking Water	100.	2	0	0.00							2	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	2	1	0.50							2	1	0.50			
		Drinking Water	5000.	2	0	0.00							2	0	0.00			
01095	ANTIMONY, DISSOLVED	Fresh Acute	88.	2	0	0.00							2	0	0.00			
		Drinking Water	6.	0 &	0	0.00												

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

Station Inventory for Station: GRBA0253

NPS Station ID: GRBA0253 LAT/LON: 39.005310/-114.353393 Agency: 11NPSWRD Date Created: 07/11/98
Location: SHINGLE CREEK 150 METERS ABOVE GRBA BOUNDARY FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): GRBA_NPS_SHI1
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 16060008 Depth of Water: 0 Aquifer:
Major Basin: GREAT BASIN Elevation: 8150 Water Body Id:
Minor Basin: CENTRAL NEVADA ECO Region:
RF1 Index: 16060008 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 16020301119900.00 RF3 Mile Point: 1.19 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT SHINGLE CREEK AT SHEEP TRAIL CROSSING; 150 METERS ABOVE PARK BOUNDARY; AND IS LOCATED WITHIN GREAT BASIN NATIONAL PARK . THE DATA ARE FROM SEVERAL YEARLY REPORTS (1990-97) BY KURT PFAFF; PHYSICAL SCIENCE TECHNICIAN FOR GREAT BASIN NATIONAL PARK. A SURFACE WATER QUALITY MONITORING PROGRAM WAS INSTITUTED TO ACQUIRE THE DATA FROM THE PARK WATERS ON A SEMI-ANNUAL BASIS. DATA ARE INTEGRATED INTO THE PARK'S WATER RESOURCE MANAGEMENT PLAN IN ORDER TO PERPETUATE THE INHERENT NATURAL INTEGRITY OF ITS WATER-DEPENDENT ENVIRONMENTS. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0253

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/30/93-06/14/96	6	4.5	4.5	7.	2.	5.9	2.429	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/23/95-10/23/95	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/24/91-06/14/96	8	79.	76.75	86.	65.	51.071	7.146	**	**	**	**
00406p	PH, FIELD, STANDARD UNITS SU	10/24/91-06/14/96	16	7.75	7.728	7.86	7.41	0.01	0.099	7.585	7.698	7.77	7.825
00406p	CONVERTED PH, FIELD, STANDARD UNITS	10/24/91-06/14/96	16	7.75	7.715	7.86	7.41	0.01	0.1	7.585	7.698	7.77	7.825
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/24/91-06/14/96	16	0.018	0.019	0.039	0.014	0.	0.006	0.015	0.017	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

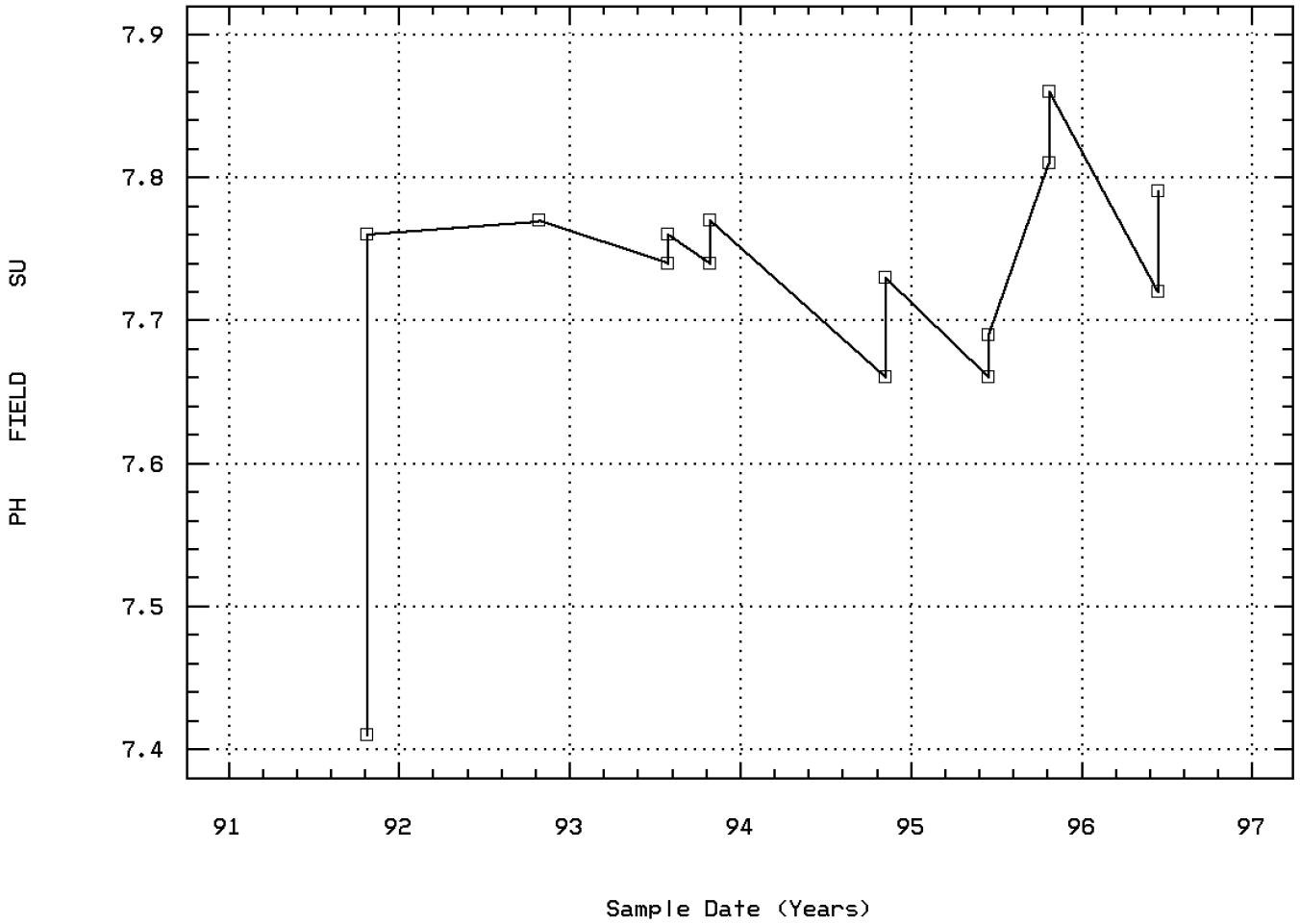
EPA Water Quality Criteria Analysis for Station: GRBA0253

				Total	Exceed	Prop.	----------9/15-4/14----------			----------4/15-6/14----------			----------6/15-9/14----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00406	PH, FIELD	Fresh Chronic	9.	16	0	0.00	10	0	0.00	4	0	0.00	2	0	0.00			
		Other-Lo Lim.	6.5	16	0	0.00	10	0	0.00	4	0	0.00	2	0	0.00			

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

Station: GRBA0253 Parameter Code: 00406

PH, FIELD, STANDARD UNITS



SHINGLE CREEK 150 METERS ABOVE GRBA BOU

Station Inventory for Station: GRBA0254

NPS Station ID: GRBA0254
LAT/LON: 39.005310/-114.353866
Agency: 11NPSWRD
Date Created: 11/21/98
Location: SHINGLE CREEK ABOVE PARK BOUNDARY
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): GRBA_EPA_GBS23
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 16060008
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 8140
Water Body Id:
Minor Basin: CENTRAL NEVADA
ECO Region:
RF1 Index: 16060008
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT SHINGLE CREEK JUST INSIDE THE BOUNDARY OF GREAT BASIN NATIONAL PARK (GRBA). THE DATA ARE FROM A REPORT BY RICHARD METCALF ET AL.; "CHEMISTRY OF SELECTED LAKES AND STREAMS IN GREAT BASIN NATIONAL PARK NEVADA DURING WINTER AND SPRING 1989;" SEPTEMBER 1992. THIS REPORT WAS PREPARED UNDER A COOPERATIVE AGREEMENT BETWEEN THE NATIONAL PARK SERVICE AND THE ENVIRONMENTAL PROTECTION AGENCY IN AN EFFORT TO OBTAIN A COMPLETE CHEMICAL ANALYSIS OF THE WATERS IN GRBA. THE DATA ARE MEANT TO BE USED IN PARK RESOURCE ASSESSMENT; IN FUTURE STUDIES; AND AS A SOURCE OF BASELINE WATER QUALITY ANALYSES. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0254

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/31/89-05/31/89	1	78.	78.	78.	78.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/31/89-05/31/89	1	7.71	7.71	7.71	7.71	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/31/89-05/31/89	1	7.71	7.71	7.71	7.71	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/31/89-05/31/89	1	0.019	0.019	0.019	0.019	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/31/89-05/31/89	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	05/31/89-05/31/89	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	05/31/89-05/31/89	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/31/89-05/31/89	1	10.1	10.1	10.1	10.1	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/31/89-05/31/89	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/31/89-05/31/89	1	1.73	1.73	1.73	1.73	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/31/89-05/31/89	1	0.19	0.19	0.19	0.19	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/31/89-05/31/89	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/31/89-05/31/89	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	05/31/89-05/31/89	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	05/31/89-05/31/89	1	33.	33.	33.	33.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	05/31/89-05/31/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	05/31/89-05/31/89	1 ##	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/31/89-05/31/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	05/31/89-05/31/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

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

Parameter Inventory for Station: GRBA0254

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01040	COPPER, DISSOLVED (UG/L AS CU)	05/31/89-05/31/89	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	05/31/89-05/31/89	1 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	05/31/89-05/31/89	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/31/89-05/31/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01057	THALLIUM, DISSOLVED (UG/L AS TL)	05/31/89-05/31/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	05/31/89-05/31/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	05/31/89-05/31/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	05/31/89-05/31/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	05/31/89-05/31/89	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01095	ANTIMONY, DISSOLVED (UG/L AS SB)	05/31/89-05/31/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	05/31/89-05/31/89	1	21.	21.	21.	21.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	05/31/89-05/31/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/31/89-05/31/89	1	8140.	8140.	8140.	8140.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0254

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00				1	0	0.00						
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00				1	0	0.00						
		Drinking Water	250.	1	0	0.00				1	0	0.00						
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00				1	0	0.00						
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00				1	0	0.00						
		Drinking Water	50.	1	0	0.00				1	0	0.00						
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00				1	0	0.00						
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	1	0	0.00				1	0	0.00						
		Drinking Water	4.	1	0	0.00				1	0	0.00						
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00				1	0	0.00						
		Drinking Water	5.	1	0	0.00				1	0	0.00						
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00				1	0	0.00						
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00				1	0	0.00						
		Drinking Water	1300.	1	0	0.00				1	0	0.00						
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00				1	0	0.00						
		Drinking Water	15.	1	0	0.00				1	0	0.00						
01057	THALLIUM, DISSOLVED	Fresh Acute	1400.	1	0	0.00				1	0	0.00						
		Drinking Water	2.	1	0	0.00				1	0	0.00						
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00				1	0	0.00						
		Drinking Water	100.	1	0	0.00				1	0	0.00						
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00				1	0	0.00						
		Drinking Water	100.	1	0	0.00				1	0	0.00						
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00				1	0	0.00						
		Drinking Water	5000.	1	0	0.00				1	0	0.00						
01095	ANTIMONY, DISSOLVED	Fresh Acute	88.	1	0	0.00				1	0	0.00						
		Drinking Water	6.	1	0	0.00				1	0	0.00						
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00				1	0	0.00						
		Drinking Water	50.	1	0	0.00				1	0	0.00						

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

Station Inventory for Station: GRBA0255

NPS Station ID: GRBA0255 | LAT/LON: 39.005365/-114.317976 | Agency: 11NPSWRD | Date Created: 11/21/98
Location: WEST END OF STELLA LAKE | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): GRBA_EPA_SL1
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 10380 | Water Body Id:
Minor Basin: GREAT SALT LAKE | ECO Region:
RF1 Index: 16020301 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED NEAR THE WEST END OF STELLA LAKE AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK BOUNDARY. THE DATA ARE FROM A REPORT BY RICHARD METCALF ET AL.; "CHEMISTRY OF SELECTED LAKES AND STREAMS IN GREAT BASIN NATIONAL PARK NEVADA DURING WINTER AND SPRING 1989;" SEPTEMBER 1992. THIS REPORT WAS PREPARED UNDER A COOPERATIVE AGREEMENT BETWEEN THE NATIONAL PARK SERVICE AND THE ENVIRONMENTAL PROTECTION AGENCY IN AN EFFORT TO OBTAIN A COMPLETE CHEMICAL ANALYSIS OF THE WATERS IN GRBA. THE DATA ARE MEANT TO BE USED IN PARK RESOURCE ASSESSMENT; IN FUTURE STUDIES; AND AS A SOURCE OF BASELINE WATER QUALITY ANALYSES. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0255

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/24/89-05/24/89	2	9.3	9.3	9.4	9.2	0.02	0.141	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	05/24/89-05/24/89	2	233.	233.	235.	231.	8.	2.828	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/24/89-05/24/89	2	34.	34.	34.	34.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/24/89-05/24/89	2	8.65	8.65	8.7	8.6	0.005	0.071	**	**	**	**
00400	PH (STANDARD UNITS)	05/24/89-05/24/89	2	7.1	7.1	7.14	7.06	0.003	0.057	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/24/89-05/24/89	2	7.098	7.098	7.14	7.06	0.003	0.057	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/24/89-05/24/89	2	0.08	0.08	0.087	0.072	0.	0.01	**	**	**	**
72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/24/89-05/24/89	2	10380.	10380.	10380.	10380.	0.	0.	**	**	**	**
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	05/24/89-05/24/89	1	4.8	4.8	4.8	4.8	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: GRBA0255

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	2	0	0.00				2	0	0.00						
00400	PH	Fresh Chronic	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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0256

NPS Station ID: GRBA0256 | LAT/LON: 39.005476/-114.317782 | Agency: 11NPSWRD | Date Created: 11/21/98
Location: STELLA LAKE CENTRAL | | FIPS State/County: 32033 NEVADA/WHITE PINE |
Station Type: /TYPA/AMBNT/LAKE | | STORET Station ID(s): GRBA_EPA_GBW3 |
RMI-Indexes: | | Within Park Boundary: Yes |
RMI-Miles: | | |
HUC: 16020301 | Depth of Water: 0 | Aquifer: |
Major Basin: GREAT BASIN | Elevation: 10380 | Water Body Id: |
Minor Basin: GREAT SALT LAKE | | ECO Region: |
RF1 Index: 16020301 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:

Description:
THE STATION IS LOCATED ON THE WINDY PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED IN CENTRAL STELLA LAKE AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM A REPORT BY RICHARD METCALF ET AL.; "CHEMISTRY OF SELECTED LAKES AND STREAMS IN GREAT BASIN NATIONAL PARK NEVADA DURING WINTER AND SPRING 1989;" SEPTEMBER 1992. THIS REPORT WAS PREPARED UNDER A COOPERATIVE AGREEMENT BETWEEN THE NATIONAL PARK SERVICE AND THE ENVIRONMENTAL PROTECTION AGENCY IN AN EFFORT TO OBTAIN A COMPLETE CHEMICAL ANALYSIS OF THE WATERS IN GRBA. THE DATA ARE MEANT TO BE USED IN PARK RESOURCE ASSESSMENT; IN FUTURE STUDIES; AND AS A SOURCE OF BASELINE WATER QUALITY ANALYSES. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0256

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/02/89-03/02/89	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/02/89-03/02/89	1	191.	191.	191.	191.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	03/02/89-03/02/89	1	5.6	5.6	5.6	5.6	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	03/02/89-03/02/89	1	6.91	6.91	6.91	6.91	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	03/02/89-03/02/89	1	6.91	6.91	6.91	6.91	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/02/89-03/02/89	1	0.123	0.123	0.123	0.123	0.	0.	**	**	**	**
72009	ELEVATION OF LAND SURFACE IN FEET (BM)	03/02/89-03/02/89	1	10380.	10380.	10380.	10380.	0.	0.	**	**	**	**
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	03/02/89-03/02/89	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: GRBA0256

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00	1	0	0.00									

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

EPA Water Quality Criteria Analysis for Station: GRBA0256

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400 PH	Fresh Chronic	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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0257

NPS Station ID: GRBA0257
LAT/LON: 39.005476/-114.317837
Agency: 11NPSWRD
Date Created: 11/21/98
Location: STELLA LAKE CENTRAL
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): GRBA_EPA_GBW4
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 10380
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED IN CENTRAL STELLA LAKE AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM A REPORT BY RICHARD METCALF ET AL.; "CHEMISTRY OF SELECTED LAKES AND STREAMS IN GREAT BASIN NATIONAL PARK NEVADA DURING WINTER AND SPRING 1989;" SEPTEMBER 1992. THIS REPORT WAS PREPARED UNDER A COOPERATIVE AGREEMENT BETWEEN THE NATIONAL PARK SERVICE AND THE ENVIRONMENTAL PROTECTION AGENCY IN AN EFFORT TO OBTAIN A COMPLETE CHEMICAL ANALYSIS OF THE WATERS IN GRBA. THE DATA ARE MEANT TO BE USED IN PARK RESOURCE ASSESSMENT; IN FUTURE STUDIES; AND AS A SOURCE OF BASELINE WATER QUALITY ANALYSES. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0257

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/01/89-03/01/89	2	198.5	198.5	199.	198.	0.5	0.707	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	03/01/89-03/01/89	2	8.	8.	8.1	7.9	0.02	0.141	**	**	**	**
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	03/01/89-03/01/89	2	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/01/89-03/01/89	2	26.15	26.15	26.8	25.5	0.845	0.919	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/01/89-03/01/89	2	4.55	4.55	4.6	4.5	0.005	0.071	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/01/89-03/01/89	2	4.75	4.75	5.27	4.23	0.541	0.735	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/01/89-03/01/89	2	2.64	2.64	2.65	2.63	0.	0.014	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	03/01/89-03/01/89	2 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	03/01/89-03/01/89	2	75.5	75.5	77.	74.	4.5	2.121	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	03/01/89-03/01/89	2 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	03/01/89-03/01/89	2 ##	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	03/01/89-03/01/89	2	6.	6.	7.	5.	2.	1.414	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	03/01/89-03/01/89	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	03/01/89-03/01/89	2 ##	2.25	2.25	3.	1.5	1.125	1.061	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	03/01/89-03/01/89	2 ##	40.	40.	60.	20.	800.	28.284	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	03/01/89-03/01/89	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/01/89-03/01/89	2	1700.	1700.	1700.	1700.	0.	0.	**	**	**	**
01057	THALLIUM, DISSOLVED (UG/L AS TL)	03/01/89-03/01/89	2 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	03/01/89-03/01/89	2	1.5	1.5	2.	1.	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

Parameter Inventory for Station: GRBA0257

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01075	SILVER, DISSOLVED (UG/L AS AG)	03/01/89-03/01/89	2 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	03/01/89-03/01/89	2	1.	1.	1.	1.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	03/01/89-03/01/89	2 ##	3.	3.	4.	2.	2.	1.414	**	**	**	**
01095	ANTIMONY, DISSOLVED (UG/L AS SB)	03/01/89-03/01/89	2 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	03/01/89-03/01/89	2	50.	50.	50.	50.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	03/01/89-03/01/89	2 ##	3.5	3.5	3.5	3.5	0.	0.	**	**	**	**
72009	ELEVATION OF LAND SURFACE IN FEET (BM)	03/01/89-03/01/89	2	10380.	10380.	10380.	10380.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0257

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	2	0	0.00	2	0	0.00									
		Drinking Water	50.	2	0	0.00	2	0	0.00									
01005	BARIUM, DISSOLVED	Drinking Water	2000.	2	0	0.00	2	0	0.00									
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	2	0	0.00	2	0	0.00									
		Drinking Water	4.	2	0	0.00	2	0	0.00									
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	2	0	0.00	2	0	0.00									
		Drinking Water	5.	2	0	0.00	2	0	0.00									
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	2	0	0.00	2	0	0.00									
01040	COPPER, DISSOLVED	Fresh Acute	18.	2	0	0.00	2	0	0.00									
		Drinking Water	1300.	2	0	0.00	2	0	0.00									
01049	LEAD, DISSOLVED	Fresh Acute	82.	2	0	0.00	2	0	0.00									
		Drinking Water	15.	2	0	0.00	2	0	0.00									
01057	THALLIUM, DISSOLVED	Fresh Acute	1400.	2	0	0.00	2	0	0.00									
		Drinking Water	2.	2	0	0.00	2	0	0.00									
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	2	0	0.00	2	0	0.00									
		Drinking Water	100.	2	0	0.00	2	0	0.00									
01075	SILVER, DISSOLVED	Fresh Acute	4.1	2	0	0.00	2	0	0.00									
		Drinking Water	100.	2	0	0.00	2	0	0.00									
01090	ZINC, DISSOLVED	Fresh Acute	120.	2	0	0.00	2	0	0.00									
		Drinking Water	5000.	2	0	0.00	2	0	0.00									
01095	ANTIMONY, DISSOLVED	Fresh Acute	88.	2	0	0.00	2	0	0.00									
		Drinking Water	6.	2	0	0.00	2	0	0.00									
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	2	0	0.00	2	0	0.00									
		Drinking Water	50.	2	0	0.00	2	0	0.00									

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

Station Inventory for Station: GRBA0258

NPS Station ID: GRBA0258 | LAT/LON: 39.005531/-114.317365 | Agency: 11NPSWRD | Date Created: 11/21/98
Location: STELLA LAKE OFF NORTHEAST SHORE | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): GRBA_EPA_SL8
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 10380 | Water Body Id:
Minor Basin: GREAT SALT LAKE | ECO Region:
RF1 Index: 16020301 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED OFF THE NORTHEAST SHORE OF STELLA LAKE AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM A REPORT BY RICHARD METCALF ET AL.; "CHEMISTRY OF SELECTED LAKES AND STREAMS IN GREAT BASIN NATIONAL PARK NEVADA DURING WINTER AND SPRING 1989;" SEPTEMBER 1992. THIS REPORT WAS PREPARED UNDER A COOPERATIVE AGREEMENT BETWEEN THE NPS AND THE ENVIRONMENTAL PROTECTION AGENCY IN AN EFFORT TO OBTAIN A COMPLETE CHEMICAL ANALYSIS OF THE WATERS IN GRBA. THE DATA ARE MEANT TO BE USED IN PARK RESOURCE ASSESSMENT; IN FUTURE STUDIES; AND AS A SOURCE OF BASELINE WATER QUALITY ANALYSES. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0258

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/24/89-05/24/89	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/24/89-05/24/89	1	34.	34.	34.	34.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/24/89-05/24/89	1	8.8	8.8	8.8	8.8	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/24/89-05/24/89	1	7.38	7.38	7.38	7.38	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/24/89-05/24/89	1	7.38	7.38	7.38	7.38	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/24/89-05/24/89	1	0.042	0.042	0.042	0.042	0.	0.	**	**	**	**
72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/24/89-05/24/89	1	10380.	10380.	10380.	10380.	0.	0.	**	**	**	**
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	05/24/89-05/24/89	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: GRBA0258

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00				1	0	0.00						

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

EPA Water Quality Criteria Analysis for Station: GRBA0258

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400 PH	Fresh Chronic	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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0259

NPS Station ID: GRBA0259
LAT/LON: 39.005531/-114.317865
Agency: 11NPSWRD
Date Created: 03/06/99
Location: STELLA LAKE
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): GRBA_ACHEM_STEL
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 3165
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT STELLA LAKE AND IS WITHIN THE BOUNDARIES OF GREAT BASIN NATIONAL PARK. THE DATA ARE FROM A MASTER'S THESIS PREPARED BY STEPHEN ACHAEMPONG; "ISOTOPE HYDROLOGY OF LEHMAN AND BAKER CREEKS DRAINAGES; GREAT BASIN NATIONAL PARK; NEVADA." THIS THESIS WAS SUBMITTED TO THE DEPARTMENT OF GEO-SCIENCE; UNIVERSITY OF NEVADA; LAS VEGAS IN AUGUST OF 1992. THE DATA WERE COLLECTED IN ORDER TO UNDERSTAND THE RECHARGE AND MIXING MECHANISMS OF WATER RESOURCES IN THE PARK USING ENVIRONMENTALLY STABLE ISOTOPES OF DEUTERIUM AND OXYGEN-18. DATES WERE ESTIMATED AS RAW DATA WERE UNAVAIL-ABLE. FOR MORE INFORMATION ON THE PARK CONTACT THE CHIEF OF RESOURCES AT GRBA; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0259

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/15/90-09/15/91	8	12.05	10.275	14.	4.	16.722	4.089	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/15/90-09/15/91	8	24.	22.5	30.	13.	38.571	6.211	**	**	**	**
82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	08/15/90-09/15/91	8	-91.5	-90.25	-64.	-110.	285.071	16.884	**	**	**	**
82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	08/15/90-09/15/91	8	-11.	-11.	-5.	-15.	12.286	3.505	**	**	**	**

** - Less than 9 observations ## - 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: GRBA0260

NPS Station ID: GRBA0260 | LAT/LON: 39.005559/-114.317920 | Agency: 11NPSWRD | Date Created: 11/21/98
Location: NEAR THE CENTER OF STELLA LAKE | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): GRBA_EPA_SL4
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 10380 | Water Body Id:
Minor Basin: GREAT SALT LAKE | ECO Region:
RF1 Index: 16020301 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED NEAR THE CENTER OF STELLA LAKE AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM A REPORT BY RICHARD METCALF ET AL.; "CHEMISTRY OF SELECTED LAKES AND STREAMS IN GREAT BASIN NATIONAL PARK NEVADA DURING WINTER AND SPRING 1989;" SEPTEMBER 1992. THIS REPORT WAS PREPARED UNDER A COOPERATIVE AGREEMENT BETWEEN THE NATIONAL PARK SERVICE AND THE ENVIRONMENTAL PROTECTION AGENCY IN AN EFFORT TO OBTAINA COMPLETE CHEMICAL ANALYSIS OF THE WATERS IN GRBA. THE DATA ARE MEANT TO BE USED IN PARK RESOURCE ASSESSMENT; IN FUTURE STUDIES; AND AS A SOURCE OF BASELINE WATER QUALITY ANALYSES. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0260

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/24/89-05/24/89	2	9.3	9.3	9.3	9.3	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/24/89-05/24/89	2	34.	34.	34.	34.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/24/89-05/24/89	2	8.85	8.85	9.1	8.6	0.125	0.354	**	**	**	**
00400	PH (STANDARD UNITS)	05/24/89-05/24/89	2	7.21	7.21	7.23	7.19	0.001	0.028	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/24/89-05/24/89	2	7.21	7.21	7.23	7.19	0.001	0.028	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/24/89-05/24/89	2	0.062	0.062	0.065	0.059	0.	0.004	**	**	**	**
72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/24/89-05/24/89	2	10380.	10380.	10380.	10380.	0.	0.	**	**	**	**
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	05/24/89-05/24/89	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

EPA Water Quality Criteria Analysis for Station: GRBA0260

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	2	0	0.00				2	0	0.00						

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

EPA Water Quality Criteria Analysis for Station: GRBA0260

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400 PH	Fresh Chronic	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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0261

NPS Station ID: GRBA0261 LAT/LON: 39.005559/-114.352115 Agency: 11NPSWRD Date Created: 07/11/98
Location: SHINGLE CREEK 250 METERS ABOVE PARK BOUNDARY FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): GRBA_NPS_SHI901
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 16060008 Depth of Water: 0 Aquifer:
Major Basin: GREAT BASIN Elevation: 0 Water Body Id:
Minor Basin: CENTRAL NEVADA ECO Region:
RF1 Index: 16060008 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 16020301119900.00 RF3 Mile Point: 1.19 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT SHINGLE CREEK 250 METERS INSIDE THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THIS SAMPLING SITE WAS REPLACED BY SITE SHI1 FOR STUDIES AFTER 1990. THE DATA ARE FROM SEVERAL YEARLY REPORTS (1990-97) BY KURT PFAFF; PHYSICAL SCIENCE TECHNICIAN FOR GRBA. A SURFACE WATER QUALITY MONITORING PROGRAM WAS INSTITUTED TO ACQUIRE DATA FROM THE PARK WATERS ON A SEMI- ANNUAL BASIS. DATA ARE INTEGRATED INTO THE PARK'S WATER RESOURCE MANAGEMENT PLAN IN ORDER TO PERPETUATE THE INHERENT NATURAL INTEGRITY OF ITS WATER-DEPENDENT ENVIRONMENTS. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0261

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/12/90-07/12/90	1	29.	29.	29.	29.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/12/90-07/12/90	1	7.68	7.68	7.68	7.68	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/12/90-07/12/90	1	7.68	7.68	7.68	7.68	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/12/90-07/12/90	1	0.021	0.021	0.021	0.021	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0261

				Total	Exceed	Prop.	----------9/15-4/14----------			----------4/15-6/14----------			----------6/15-9/14----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00406	PH, FIELD	Fresh Chronic	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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0262

NPS Station ID: GRBA0262 | LAT/LON: 39.005670/-114.318282 | Agency: 11NPSWRD | Date Created: 07/11/98
Location: WEST SIDE OF STELLA LAKE | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): GRBA_NPS_STE901
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 0 | Water Body Id:
Minor Basin: GREAT SALT LAKE | ECO Region:
RF1 Index: 16020301 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT THE WEST SIDE OF STELLA LAKE AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THIS SAMPLING SITE WAS REPLACED BY SITE STEL FOR STUDIES AFTER 1990. THE DATA ARE FROM SEVERAL YEARLY REPORTS (1990-97) BY KURT PFAFF; PHYSICAL SCIENCE TECHNICIAN FOR GRBA. A SURFACE WATER QUALITY MONITORING PROGRAM WAS INSTITUTED TO ACQUIRE DATA FROM THE PARK WATERS ON A SEMI-ANNUAL BASIS. DATA ARE INTEGRATED INTO THE PARK'S WATER RESOURCE MANAGEMENT PLAN IN ORDER TO PERPETUATE THE INHERENT NATURAL INTEGRITY OF ITS WATER-DEPENDENT ENVIRONMENTS. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0262

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/21/90-06/21/90	1	28.	28.	28.	28.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	06/21/90-06/21/90	1	7.31	7.31	7.31	7.31	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/21/90-06/21/90	1	7.31	7.31	7.31	7.31	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/21/90-06/21/90	1	0.049	0.049	0.049	0.049	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0262

			Total	Exceed	Prop.	9/15-4/14			4/15-6/14			6/15-9/14			n/a		
Parameter	Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00406 PH, FIELD	Fresh Chronic	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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0263

NPS Station ID: GRBA0263 | LAT/LON: 39.005753/-114.317754 | Agency: 11NPSWRD | Date Created: 11/21/98
Location: STELLA LAKE OFF NORTHERN SHORE | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): GRBA_EPA_SL5
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 10380 | Water Body Id:
Minor Basin: GREAT SALT LAKE | ECO Region:
RF1 Index: 16020301 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED OFF THE NORTH SHORE OF STELLA LAKE AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM A REPORT BY RICHARD METCALF ET AL.; "CHEMISTRY OF SELECTED LAKES AND STREAMS IN GREAT BASIN NATIONAL PARK NEVADA DURING WINTER AND SPRING 1989;" SEPTEMBER 1992. THIS REPORT WAS PREPARED UNDER A COOPERATIVE AGREEMENT BETWEEN THE NPS AND THE ENVIRONMENTAL PROTECTION AGENCY IN AN EFFORT TO OBTAIN A COMPLETE CHEMICAL ANALYSIS OF THE WATERS IN GRBA. THE DATA ARE MEANT TO BE USED IN PARK RESOURCE ASSESSMENT; IN FUTURE STUDIES; AND AS A SOURCE OF BASELINE WATER QUALITY ANALYSES. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0263

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/24/89-05/24/89	2	9.25	9.25	9.3	9.2	0.005	0.071	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/24/89-05/24/89	2	34.	34.	34.	34.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/24/89-05/24/89	2	8.5	8.5	8.5	8.5	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/24/89-05/24/89	2	7.315	7.315	7.32	7.31	0.	0.007	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/24/89-05/24/89	2	7.315	7.315	7.32	7.31	0.	0.007	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/24/89-05/24/89	2	0.048	0.048	0.049	0.048	0.	0.001	**	**	**	**
72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/24/89-05/24/89	2	10380.	10380.	10380.	10380.	0.	0.	**	**	**	**
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	05/24/89-05/24/89	1	4.5	4.5	4.5	4.5	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: GRBA0263

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	2	0	0.00				2	0	0.00						

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

EPA Water Quality Criteria Analysis for Station: GRBA0263

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400 PH	Fresh Chronic	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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0264

NPS Station ID: GRBA0264 LAT/LON: 39.005753/-114.361115 Agency: 11NPSWRD Date Created: 07/11/98
Location: SHINGLE CREEK NEAR END OF 4WD ROAD AT CAMP FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): GRBA_NPS_SHI2
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 16060008 Depth of Water: 0 Aquifer:
Major Basin: GREAT BASIN Elevation: 7800 Water Body Id:
Minor Basin: CENTRAL NEVADA ECO Region:
RF1 Index: 16060008 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 16020301119900.00 RF3 Mile Point: 1.19 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT SHINGLE CREEK NEAR THE END OF THE 4WD ROAD AT SHEEPHERDERS CAMP AND IS LOCATED OUTSIDE THE GREAT BASIN NATIONAL PARK BOUNDARY. THE DATA ARE FROM SEVERAL YEARLY REPORTS (1990-97) BY KURT PFAFF; PHYSICAL SCIENCE TECHNICIAN FOR GREAT BASIN NATIONAL PARK. A SURFACE WATER QUALITY MONITORING PROGRAM WAS INSTITUTED TO ACQUIRE THE DATA FROM THE PARK WATERS ON A SEMI-ANNUAL BASIS. DATA ARE INTEGRATED INTO THE PARK'S WATER RESOURCE MANAGEMENT PLAN IN ORDER TO PERPETUATE THE INHERENT NATURAL INTEGRITY OF ITS WATER-DEPENDENT ENVIRONMENTS. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0264

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/12/90-06/14/95	5	6.	9.2	29.	2.	127.7	11.3	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/24/91-06/14/95	6	81.5	79.167	87.	69.	42.167	6.494	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/12/90-06/14/95	13	7.69	7.668	7.77	7.5	0.005	0.072	7.536	7.62	7.715	7.754
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/12/90-06/14/95	13	7.69	7.662	7.77	7.5	0.005	0.072	7.536	7.62	7.715	7.754
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/12/90-06/14/95	13	0.02	0.022	0.032	0.017	0.	0.004	0.018	0.019	0.024	0.029

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

EPA Water Quality Criteria Analysis for Station: GRBA0264

			Total	Exceed	Prop.	----------9/15-4/14----------			----------4/15-6/14----------			----------6/15-9/14----------			----------n/a----------		
Parameter	Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00406 PH, FIELD	Fresh Chronic	9.	13	0	0.00	8	0	0.00	2	0	0.00	3	0	0.00			
	Other-Lo Lim.	6.5	13	0	0.00	8	0	0.00	2	0	0.00	3	0	0.00			

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

Station Inventory for Station: GRBA0265

NPS Station ID: GRBA0265 | LAT/LON: 39.005837/-114.221448 | Agency: 11NPSWRD | Date Created: 08/08/98
Location: PASSAGE NORTHWEST OF LODGE ROOM | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING/TUNNEL | STORET Station ID(s): GRBA_DRI_LOD1
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 0 | Water Body Id:
Minor Basin: GREAT SALT LAKE | ECO Region:
RF1 Index: 16020301 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE LEHMAN CAVES NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS A POOL LOCATED IN THE PASSAGE NORTHWEST OF LODGE ROOM IN LEHMAN CAVES NATIONAL MONUMENT. LEHMAN CAVES NATIONAL MONUMENT IS LOCATED WITHIN THE BOUNDARY OF GREAT BASIN NATIONAL PARK. THE DATA ARE FROM A REPORT BY SAMUEL A. BAMBERG; "ENVIRONMENTS IN LEHMAN CAVES; NEVADA;" BULLETIN OF THE NATIONAL SPELEOLOGICAL SOCIETY; 1973; 35(2):35-47. THE RESEARCH WAS DONE UNDER CONTRACT TO DESERT RESEARCH INSTITUTE; RENO NV; AS AN ASSESSMENT OF DAILY AND SEASONAL VARIATION IN A CAVE ENVIRONMENT. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0265

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/11/72-01/11/72	1	10.9	10.9	10.9	10.9	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	01/11/72-01/11/72	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	01/11/72-01/11/72	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/11/72-01/11/72	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	01/11/72-01/11/72	1	115.	115.	115.	115.	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	01/11/72-01/11/72	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/11/72-01/11/72	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/11/72-01/11/72	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	01/11/72-01/11/72	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/11/72-01/11/72	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	01/11/72-01/11/72	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	01/11/72-01/11/72	1	10.	10.	10.	10.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0265

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: GRBA0266

NPS Station ID: GRBA0266
LAT/LON: 39.005837/-114.318310
Agency: 11NPSWRD
Date Created: 11/21/98
Location: STELLA LAKE OFF NORTHWEST SHORE
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): GRBA_EPA_SL7
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 10380
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED OFF THE NORTHWEST SHORE OF STELLA LAKE AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM A REPORT BY RICHARD METCALF ET AL.; "CHEMISTRY OF SELECTED LAKES AND STREAMS IN GREAT BASIN NATIONAL PARK NEVADA DURING WINTER AND SPRING 1989;" SEPTEMBER 1992. THIS REPORT WAS PREPARED UNDER A COOPERATIVE AGREEMENT BETWEEN THE NPS AND THE ENVIRONMENTAL PROTECTION AGENCY IN AN EFFORT TO OBTAIN A COMPLETE CHEMICAL ANALYSIS OF THE WATERS IN GRBA. THE DATA ARE MEANT TO BE USED IN PARK RESOURCE ASSESSMENT; IN FUTURE STUDIES; AND AS A SOURCE OF BASELINE WATER QUALITY ANALYSES. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0266

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/24/89-05/24/89	2	10.	10.	10.	10.	0.	0.	**	**	**	**
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	05/24/89-05/24/89	1	226.	226.	226.	226.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/24/89-05/24/89	2	34.	34.	34.	34.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/24/89-05/24/89	2	8.5	8.5	8.6	8.4	0.02	0.141	**	**	**	**
00400	PH (STANDARD UNITS)	05/24/89-05/24/89	2	7.355	7.355	7.36	7.35	0.	0.007	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/24/89-05/24/89	2	7.355	7.355	7.36	7.35	0.	0.007	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/24/89-05/24/89	2	0.044	0.044	0.045	0.044	0.	0.001	**	**	**	**
72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/24/89-05/24/89	2	10380.	10380.	10380.	10380.	0.	0.	**	**	**	**
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	05/24/89-05/24/89	1	3.9	3.9	3.9	3.9	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: GRBA0266

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	2	0	0.00				2	0	0.00						
00400	PH	Fresh Chronic	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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0267

NPS Station ID: GRBA0267 LAT/LON: 39.005866/-114.221671 Agency: 11NPSWRD Date Created: 08/08/98
Location: PASSAGE NORTHEAST OF INSCRIPTION ROOM FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING/TUNNEL STORET Station ID(s): GRBA_DRI_INS1
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 Depth of Water: 0 Aquifer:
Major Basin: GREAT BASIN Elevation: 0 Water Body Id:
Minor Basin: GREAT SALT LAKE ECO Region:
RF1 Index: 16020301 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 16020301119900.00 RF3 Mile Point: 1.19 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE LEHMAN CAVES NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS A POOL LOCATED IN THE PASSAGE NORTHEAST OF INSCRIPTION ROOM IN LEHMAN CAVES NATIONAL MONUMENT. LEHMAN CAVES NATIONAL MONUMENT IS LOCATED WITHIN THE BOUNDARY OF GREAT BASIN NATIONAL PARK. THE DATA ARE FROM A REPORT BY SAMUEL A. BAMBERG; "ENVIRONMENTS IN LEHMAN CAVES; NEVADA;" BULLETIN OF THE NATIONAL SPELEOLOGICAL SOCIETY; 1973; 35(2):35-47. THE RESEARCH WAS DONE UNDER CONTRACT TO DESERT RESEARCH INSTITUTE; RENO NV; AS AN ASSESSMENT OF DAILY AND SEASONAL VARIATION IN A CAVE ENVIRONMENT. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0267

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403	PH, LAB, STANDARD UNITS SU	01/11/72-01/11/72	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	01/11/72-01/11/72	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/11/72-01/11/72	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	01/11/72-01/11/72	1	160.	160.	160.	160.	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	01/11/72-01/11/72	1	22.	22.	22.	22.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	01/11/72-01/11/72	1	42.	42.	42.	42.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0267

Parameter				Total	Exceed	Prop.	9/15-4/14			4/15-6/14			6/15-9/14			n/a		
		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: GRBA0268

NPS Station ID: GRBA0268 | LAT/LON: 39.005892/-114.317727 | Agency: 11NPSWRD | Date Created: 11/21/98
Location: STELLA LAKE OFF NORTHERN SHORE | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): GRBA_EPA_SL6
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 10380 | Water Body Id:
Minor Basin: GREAT SALT LAKE | ECO Region:
RF1 Index: 16020301 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED OFF THE NORTH SHORE OF STELLA LAKE AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM A REPORT BY RICHARD METCALF ET AL.; "CHEMISTRY OF SELECTED LAKES AND STREAMS IN GREAT BASIN NATIONAL PARK NEVADA DURING WINTER AND SPRING 1989;" SEPTEMBER 1992. THIS REPORT WAS PREPARED UNDER A COOPERATIVE AGREEMENT BETWEEN THE NPS AND THE ENVIRONMENTAL PROTECTION AGENCY IN AN EFFORT TO OBTAIN A COMPLETE CHEMICAL ANALYSIS OF THE WATERS IN GRBA. THE DATA ARE MEANT TO BE USED IN PARK RESOURCE ASSESSMENT; IN FUTURE STUDIES; AND AS A SOURCE OF BASELINE WATER QUALITY ANALYSES. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0268

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/24/89-05/24/89	2	9.45	9.45	9.5	9.4	0.005	0.071	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/24/89-05/24/89	2	34.	34.	34.	34.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/24/89-05/24/89	2	8.65	8.65	8.7	8.6	0.005	0.071	**	**	**	**
00400	PH (STANDARD UNITS)	05/24/89-05/24/89	2	7.315	7.315	7.34	7.29	0.001	0.035	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/24/89-05/24/89	2	7.314	7.314	7.34	7.29	0.001	0.035	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/24/89-05/24/89	2	0.048	0.048	0.051	0.046	0.	0.004	**	**	**	**
72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/24/89-05/24/89	2	10380.	10380.	10380.	10380.	0.	0.	**	**	**	**
81903	DEPTH OF BOTTOM OF WATER BODY @ SAMPLE SITE, FEET	05/24/89-05/24/89	1	3.6	3.6	3.6	3.6	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: GRBA0268

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	2	0	0.00				2	0	0.00						

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

EPA Water Quality Criteria Analysis for Station: GRBA0268

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400 PH	Fresh Chronic	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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0269

NPS Station ID: GRBA0269
LAT/LON: 39.006699/-114.222031
Agency: 11NPSWRD
Date Created: 08/08/98
Location: GRAND PALACE POOL
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING/TUNNEL
STORET Station ID(s): GRBA_DRI_GP2
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE LEHMAN CAVES NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS A POOL LOCATED IN THE GRAND PALACE ROOM IN LEHMAN CAVES NATIONAL MONUMENT. LEHMAN CAVES NATIONAL MONUMENT IS LOCATED WITHIN THE BOUNDARY OF GREAT BASIN NATIONAL PARK. THE DATA ARE FROM A REPORT BY SAMUEL A. BAMBERG; "ENVIRONMENTS IN LEHMAN CAVES; NEVADA;" BULLETIN OF THE NATIONAL SPELEOLOGICAL SOCIETY; 1973; 35(2):35-47. THE RESEARCH WAS DONE UNDER CONTRACT TO DESERT RESEARCH INSTITUTE; RENO NV; AS AN ASSESSMENT OF DAILY AND SEASONAL VARIATION IN A CAVE ENVIRONMENT. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0269

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/07/68-01/11/72	2	11.25	11.25	11.3	11.2	0.005	0.071	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	01/11/72-01/11/72	1	8.5	8.5	8.5	8.5	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	01/11/72-01/11/72	1	8.5	8.5	8.5	8.5	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/11/72-01/11/72	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	12/07/68-12/07/68	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	12/07/68-12/07/68	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/68-12/07/68	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	01/11/72-01/11/72	1	201.	201.	201.	201.	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	01/11/72-01/11/72	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/11/72-01/11/72	1	21.	21.	21.	21.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/11/72-01/11/72	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	01/11/72-01/11/72	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/11/72-01/11/72	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	01/11/72-01/11/72	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	01/11/72-01/11/72	1	27.	27.	27.	27.	0.	0.	**	**	**	**
61027	ANIONS, SUM, TOTAL IN WATER MG/L	12/07/68-12/07/68	1	212.	212.	212.	212.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0269

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: GRBA0270

NPS Station ID: GRBA0270 | LAT/LON: 39.006753/-114.221782 | Agency: 11NPSWRD | Date Created: 08/08/98
Location: PASSAGE EAST OF GRAND PALACE | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING/TUNNEL | STORET Station ID(s): GRBA_DRI_GP1
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 0 | Water Body Id:
Minor Basin: GREAT SALT LAKE | ECO Region:
RF1 Index: 16020301 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE LEHMAN CAVES NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SAMPLES WERE TAKEN FROM DRIPS FOUND IN THE PASSAGE EAST OF GRAND PALACE IN LEHMAN CAVES NATIONAL MONUMENT. LEHMAN CAVES NATIONAL MONUMENT IS LOCATED WITHIN THE BOUNDARY OF GREAT BASIN NATIONAL PARK. THE DATA ARE FROM A REPORT BY SAMUEL A. BAMBERG; "ENVIRONMENTS IN LEHMAN CAVES; NEVADA;" BULLETIN OF THE NATIONAL SPELEOLOGICAL SOCIETY; 1973; 35(2):35-47. THE RESEARCH WAS DONE UNDER CONTRACT TO DESERT RESEARCH INSTITUTE; RENO NV; AS AN ASSESSMENT OF DAILY AND SEASONAL VARIATION IN A CAVE ENVIRONMENT. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0270

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/06/68-12/06/68	1	11.9	11.9	11.9	11.9	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	12/06/68-12/06/68	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	12/06/68-12/06/68	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/06/68-12/06/68	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	01/11/72-01/11/72	1	97.	97.	97.	97.	0.	0.	**	**	**	**
61027	ANIONS, SUM, TOTAL IN WATER MG/L	12/06/68-12/06/68	1	107.	107.	107.	107.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0270

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00406	PH, FIELD	Fresh Chronic	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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0271

NPS Station ID: GRBA0271 | LAT/LON: 39.006753/-114.221782 | Agency: 11NPSWRD | Date Created: 08/08/98
Location: PASSAGE EAST OF GRAND PALACE | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING/TUNNEL | STORET Station ID(s): GRBA_DRI_GP3
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 0 | Water Body Id:
Minor Basin: GREAT SALT LAKE | ECO Region:
RF1 Index: 16020301 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE LEHMAN CAVES NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS A POOL LOCATED IN THE PASSAGE EAST OF GRAND PALACE IN LEHMAN CAVES NATIONAL MONUMENT. LEHMAN CAVES NATIONAL MONUMENT IS LOCATED WITHIN THE BOUNDARY OF GREAT BASIN NATIONAL PARK. THE DATA ARE FROM A REPORT BY SAMUEL A. BAMBERG; "ENVIRONMENTS IN LEHMAN CAVES; NEVADA;" BULLETIN OF THE NATIONAL SPELEOLOGICAL SOCIETY; 1973; 35(2):35-47. THE RESEARCH WAS DONE UNDER CONTRACT TO DESERT RESEARCH INSTITUTE; RENO NV; AS AN ASSESSMENT OF DAILY AND SEASONAL VARIATION IN A CAVE ENVIRONMENT. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0271

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/07/68-12/07/68	1	11.2	11.2	11.2	11.2	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	01/11/72-01/11/72	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	01/11/72-01/11/72	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/11/72-01/11/72	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	12/07/68-12/07/68	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	12/07/68-12/07/68	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/68-12/07/68	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	01/11/72-01/11/72	1	156.	156.	156.	156.	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	01/11/72-01/11/72	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/11/72-01/11/72	1	26.	26.	26.	26.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/11/72-01/11/72	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	01/11/72-01/11/72	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/11/72-01/11/72	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	01/11/72-01/11/72	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	01/11/72-01/11/72	1	35.	35.	35.	35.	0.	0.	**	**	**	**
61027	ANIONS, SUM, TOTAL IN WATER MG/L	12/07/68-12/07/68	1	256.	256.	256.	256.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0271

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: GRBA0272

NPS Station ID: GRBA0272
LAT/LON: 39.007003/-114.222253
Agency: 11NPSWRD
Date Created: 08/08/98
Location: TALUS ROOM POOL 2
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING/TUNNEL
STORET Station ID(s): GRBA_DRI_TAL2
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE LEHMAN CAVES NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS A POOL LOCATED IN THE TALUS ROOM IN LEHMAN CAVES NATIONAL MONUMENT. LEHMAN CAVES NATIONAL MONUMENT IS LOCATED WITHIN THE BOUNDARY OF GREAT BASIN NATIONAL PARK. THE DATA ARE FROM A REPORT BY SAMUEL A. BAMBERG; "ENVIRONMENTS IN LEHMAN CAVES; NEVADA;" BULLETIN OF THE NATIONAL SPELEOLOGICAL SOCIETY; 1973; 35(2):35-47. THE RESEARCH WAS DONE UNDER CONTRACT TO DESERT RESEARCH INSTITUTE; RENO NV; AS AN ASSESSMENT OF DAILY AND SEASONAL VARIATION IN A CAVE ENVIRONMENT. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0272

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/11/72-01/11/72	1	11.3	11.3	11.3	11.3	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	01/11/72-01/11/72	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	01/11/72-01/11/72	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/11/72-01/11/72	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	01/11/72-01/11/72	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	01/11/72-01/11/72	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/11/72-01/11/72	1	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	01/11/72-01/11/72	1	170.	170.	170.	170.	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	01/11/72-01/11/72	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/11/72-01/11/72	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/11/72-01/11/72	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	01/11/72-01/11/72	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/11/72-01/11/72	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	01/11/72-01/11/72	1	23.	23.	23.	23.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	01/11/72-01/11/72	1	22.	22.	22.	22.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0272

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: GRBA0273

NPS Station ID: GRBA0273
LAT/LON: 39.007031/-114.222227
Agency: 11NPSWRD
Date Created: 08/08/98
Location: TALUS ROOM POOL 1
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING/TUNNEL
STORET Station ID(s): GRBA_DRI_TAL1
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE LEHMAN CAVES NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS A POOL LOCATED IN THE TALUS ROOM IN LEHMAN CAVES NATIONAL MONUMENT. LEHMAN CAVES NATIONAL MONUMENT IS LOCATED WITHIN THE BOUNDARY OF GREAT BASIN NATIONAL PARK. THE DATA ARE FROM A REPORT BY SAMUEL A. BAMBERG; "ENVIRONMENTS IN LEHMAN CAVES; NEVADA;" BULLETIN OF THE NATIONAL SPELEOLOGICAL SOCIETY; 1973; 35(2):35-47. THE RESEARCH WAS DONE UNDER CONTRACT TO DESERT RESEARCH INSTITUTE; RENO NV; AS AN ASSESSMENT OF DAILY AND SEASONAL VARIATION IN A CAVE ENVIRONMENT. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0273

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/05/68-01/11/72	6	11.3	11.3	11.3	11.3	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	01/11/72-01/11/72	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	01/11/72-01/11/72	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/11/72-01/11/72	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	12/05/68-01/11/72	6	8.2	8.15	8.4	7.6	0.087	0.295	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	12/05/68-01/11/72	6	8.2	8.049	8.4	7.6	0.099	0.315	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/05/68-01/11/72	6	0.006	0.009	0.025	0.004	0.	0.008	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	01/11/72-01/11/72	1	181.	181.	181.	181.	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	01/11/72-01/11/72	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/11/72-01/11/72	1	21.	21.	21.	21.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/11/72-01/11/72	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	01/11/72-01/11/72	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/11/72-01/11/72	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	01/11/72-01/11/72	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	01/11/72-01/11/72	1	20.	20.	20.	20.	0.	0.	**	**	**	**
61027	ANIONS, SUM, TOTAL IN WATER MG/L	12/05/68-12/06/68	5	216.	216.2	221.	214.	8.2	2.864	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0273

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	6	0	0.00	6	0	0.00									
		Other-Lo Lim.	6.5	6	0	0.00	6	0	0.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: GRBA0274

NPS Station ID: GRBA0274
LAT/LON: 39.007226/-114.298615
Agency: 11NPSWRD
Date Created: 08/15/98
Location: LEHMAN CREEK #4A
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): GRBA_USGS_LCK4A
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK NV 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED ON LEHMAN CREEK AND IS WITHIN THE BOUNDARIES OF GREAT BASIN NATIONAL PARK. THE DATA ARE FROMA REPORT BY THE U.S. GEOLOGICAL SURVEY; "GREAT BASIN PARK SEEPAGE RUN; SEPTEMBER 1-3; 1992"; AND CAN ALSO BE FOUND IN THE 1992 ANNUAL WATER DATA OF NEVADA REPORT. THE PURPOSE OF THIS REPORT WAS TO DOCUMENT GAINING AND LOSING REACHES OF STREAMS DURING A PERIOD OF SUSTAINED LOW FLOW IN THE PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0274

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/01/92-09/01/92	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

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

Station Inventory for Station: GRBA0275

NPS Station ID: GRBA0275 LAT/LON: 39.007532/-114.337337 Agency: 11NPSWRD Date Created: 08/08/98
Location: SHINGLE CREEK SPRING UPSTREAM OF PARK BOUNDARY FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING STORET Station ID(s): GRBA_BOR_RSH104
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 16060008 Depth of Water: 0 Aquifer:
Major Basin: GREAT BASIN Elevation: 9185 Water Body Id:
Minor Basin: CENTRAL NEVADA ECO Region:
RF1 Index: 16060008 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 16020301119900.00 RF3 Mile Point: 1.19 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT A SPRING ON SHINGLE CREEK APPROXIMATELY 1600 METERS UPSTREAM OF THE PARK BOUNDARY AND IS IDENTIFIED AS RSH104. THIS SITE IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM A REPORT BY THE BUREAU OF RECLAMATION; "GREAT BASIN NATIONAL PARK; HYDROLOGIC INVENTORY;" 1994. THE OBJECTIVE OF THIS STUDY WAS TO LOCATE AND DESCRIBE NATURAL SPRINGS AND SEEPS WITHIN GRBA THAT HAD REMAINED ACTIVE UNDER THE DROUGHT SITUATION OCCURRING AT THAT TIME. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0275

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/09/94-08/09/94	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	08/09/94-08/09/94	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/09/94-08/09/94	1	94.	94.	94.	94.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/09/94-08/09/94	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/09/94-08/09/94	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/09/94-08/09/94	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: GRBA0275

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00406	PH, FIELD	Fresh Chronic	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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0276

NPS Station ID: GRBA0276
LAT/LON: 39.007781/-114.168337
Agency: 11NPSWRD
Date Created: 08/15/98
Location: LEHMAN CREEK #20
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): GRBA_USGS_LCK20
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE LEHMAN CAVES NV 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED ON LEHMAN CREEK AND IS OUTSIDE THE BOUNDARIES OF GREAT BASIN NATIONAL PARK. THE DATA ARE FROM A REPORT BY THE U.S. GEOLOGICAL SURVEY; "GREAT BASIN PARK SEEPAGE RUN; SEPTEMBER 1-3; 1992"; AND CAN ALSO BE FOUND IN THE 1992 ANNUAL WATER DATA OF NEVADA REPORT. THE PURPOSE OF THIS REPORT WAS TO DOCUMENT GAINING AND LOSING REACHES OF STREAMS DURING A PERIOD OF SUSTAINED LOW FLOW IN THE PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0276

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/92-09/02/92	1	16.5	16.5	16.5	16.5	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/02/92-09/02/92	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/92-09/02/92	1	91.	91.	91.	91.	0.	0.	**	**	**	**

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

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

Station Inventory for Station: GRBA0277

NPS Station ID: GRBA0277
LAT/LON: 39.007781/-114.170282
Agency: 11NPSWRD
Date Created: 08/15/98
Location: LEHMAN CREEK #17
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): GRBA_USGS_LCK17
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE LEHMAN CAVES NV 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED ON LEHMAN CREEK AND IS OUTSIDE THE BOUNDARIES OF GREAT BASIN NATIONAL PARK. THE DATA ARE FROM A REPORT BY THE U.S. GEOLOGICAL SURVEY; "GREAT BASIN PARK SEEPAGE RUN; SEPTEMBER 1-3; 1992"; AND CAN ALSO BE FOUND IN THE 1992 ANNUAL WATER DATA OF NEVADA REPORT. THE PURPOSE OF THIS REPORT WAS TO DOCUMENT GAINING AND LOSING REACHES OF STREAMS DURING A PERIOD OF SUSTAINED LOW FLOW IN THE PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0277

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/92-09/02/92	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/02/92-09/02/92	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/92-09/02/92	1	91.	91.	91.	91.	0.	0.	**	**	**	**

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

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

Station Inventory for Station: GRBA0278

NPS Station ID: GRBA0278
LAT/LON: 39.008059/-114.170559
Agency: 11NPSWRD
Date Created: 08/15/98
Location: LEHMAN CREEK #18
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): GRBA_USGS_LCK18
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE LEHMAN CAVES NV 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED ON LEHMAN CREEK AND IS OUTSIDE THE BOUNDARIES OF GREAT BASIN NATIONAL PARK. THE DATA ARE FROM A REPORT BY THE U.S. GEOLOGICAL SURVEY; "GREAT BASIN PARK SEEPAGE RUN; SEPTEMBER 1-3; 1992"; AND CAN ALSO BE FOUND IN THE 1992 ANNUAL WATER DATA OF NEVADA REPORT. THE PURPOSE OF THIS REPORT WAS TO DOCUMENT GAINING AND LOSING REACHES OF STREAMS DURING A PERIOD OF SUSTAINED LOW FLOW IN THE PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0278

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/92-09/02/92	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/02/92-09/02/92	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/92-09/02/92	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

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

Station Inventory for Station: GRBA0279

NPS Station ID: GRBA0279 LAT/LON: 39.008116/-114.335560 Agency: 11NPSWRD Date Created: 08/08/98
Location: SHINGLE CK SPRING 1700 METERS FROM PARK BDRY FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING STORET Station ID(s): GRBA_BOR_RSH105
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 16060008 Depth of Water: 0 Aquifer:
Major Basin: GREAT BASIN Elevation: 9200 Water Body Id:
Minor Basin: CENTRAL NEVADA ECO Region:
RF1 Index: 16060008 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 16020301119900.00 RF3 Mile Point: 1.19 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT A SPRING ON SHINGLE CREEK APPROXIMATELY 1700 METERS UPSTREAM OF THE PARK BOUNDARY AND IS IDENTIFIED AS RSH105. THIS SITE IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM A REPORT BY THE BUREAU OF RECLAMATION; "GREAT BASIN NATIONAL PARK; HYDROLOGIC INVENTORY;" 1994. THE OBJECTIVE OF THIS STUDY WAS TO LOCATE AND DESCRIBE NATURAL SPRINGS AND SEEPS WITHIN GRBA THAT HAD REMAINED ACTIVE UNDER THE DROUGHT SITUATION OCCURRING AT THAT TIME. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0279

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/09/94-08/09/94	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	08/09/94-08/09/94	1	35.	35.	35.	35.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/09/94-08/09/94	1	57.	57.	57.	57.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/09/94-08/09/94	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/09/94-08/09/94	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/09/94-08/09/94	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: GRBA0279

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00406	PH, FIELD	Fresh Chronic	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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0280

NPS Station ID: GRBA0280
LAT/LON: 39.008337/-114.170282
Agency: 11NPSWRD
Date Created: 08/15/98
Location: LEHMAN CREEK #19
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): GRBA_USGS_LCK19
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE LEHMAN CAVES NV 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED ON LEHMAN CREEK AND IS OUTSIDE THE BOUNDARIES OF GREAT BASIN NATIONAL PARK. THE DATA ARE FROM A REPORT BY THE U.S. GEOLOGICAL SURVEY; "GREAT BASIN PARK SEEPAGE RUN; SEPTEMBER 1-3; 1992"; AND CAN ALSO BE FOUND IN THE 1992 ANNUAL WATER DATA OF NEVADA REPORT. THE PURPOSE OF THIS REPORT WAS TO DOCUMENT GAINING AND LOSING REACHES OF STREAMS DURING A PERIOD OF SUSTAINED LOW FLOW IN THE PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0280

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/92-09/02/92	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/02/92-09/02/92	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/92-09/02/92	1	88.	88.	88.	88.	0.	0.	**	**	**	**

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

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

Station Inventory for Station: GRBA0281

NPS Station ID: GRBA0281
LAT/LON: 39.008809/-114.206616
Agency: 11NPSWRD
Date Created: 11/21/98
Location: ROWLAND SPRING UPPERMOST POOL
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): GRBA_EPA_GBW11
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 6560
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE LEHMAN CAVES NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT THE HEADWATER POOL OF ROWLAND SPRING AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM A REPORT BY RICHARD METCALF ET AL.; "CHEMISTRY OF SELECTED LAKES AND STREAMS IN GREAT BASIN NATIONAL PARK NEVADA DURING WINTER AND SPRING 1989;" SEPTEMBER 1992. THIS REPORT WAS PREPARED UNDER A COOPERATIVE AGREEMENT BETWEEN THE NPS AND THE ENVIRONMENTAL PROTECTION AGENCY IN AN EFFORT TO OBTAIN A COMPLETE CHEMICAL ANALYSIS OF THE WATERS IN GRBA. THE DATA ARE MEANT TO BE USED IN PARK RESOURCE ASSESSMENT; IN FUTURE STUDIES; AND AS A SOURCE OF BASELINE WATER QUALITY ANALYSES. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0281

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/05/89-03/05/89	1	125.	125.	125.	125.	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	03/05/89-03/05/89	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	03/05/89-03/05/89	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/05/89-03/05/89	1	17.9	17.9	17.9	17.9	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/05/89-03/05/89	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/05/89-03/05/89	1	3.25	3.25	3.25	3.25	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/05/89-03/05/89	1	0.48	0.48	0.48	0.48	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	03/05/89-03/05/89	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	03/05/89-03/05/89	1	77.	77.	77.	77.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	03/05/89-03/05/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	03/05/89-03/05/89	1 ##	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	03/05/89-03/05/89	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	03/05/89-03/05/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	03/05/89-03/05/89	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	03/05/89-03/05/89	1 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	03/05/89-03/05/89	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/05/89-03/05/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01057	THALLIUM, DISSOLVED (UG/L AS TL)	03/05/89-03/05/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	03/05/89-03/05/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

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

Parameter Inventory for Station: GRBA0281

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01075	SILVER, DISSOLVED (UG/L AS AG)	03/05/89-03/05/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	03/05/89-03/05/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	03/05/89-03/05/89	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01095	ANTIMONY, DISSOLVED (UG/L AS SB)	03/05/89-03/05/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	03/05/89-03/05/89	1	60.	60.	60.	60.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	03/05/89-03/05/89	1 ##	3.5	3.5	3.5	3.5	0.	0.	**	**	**	**
72009	ELEVATION OF LAND SURFACE IN FEET (BM)	03/05/89-03/05/89	1	6560.	6560.	6560.	6560.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0281

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00	1	0	0.00									
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	1	0	0.00	1	0	0.00									
		Drinking Water	4.	1	0	0.00	1	0	0.00									
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00	1	0	0.00									
		Drinking Water	5.	1	0	0.00	1	0	0.00									
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00	1	0	0.00									
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00	1	0	0.00									
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00	1	0	0.00									
		Drinking Water	15.	1	0	0.00	1	0	0.00									
01057	THALLIUM, DISSOLVED	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	2.	1	0	0.00	1	0	0.00									
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00	1	0	0.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
01095	ANTIMONY, DISSOLVED	Fresh Acute	88.	1	0	0.00	1	0	0.00									
		Drinking Water	6.	1	0	0.00	1	0	0.00									
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: GRBA0282

NPS Station ID: GRBA0282
LAT/LON: 39.008809/-114.206616
Agency: 11NPSWRD
Date Created: 03/13/99
Location: ROWLAND SPRING UPPERMOST POOL
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): GRBA_AGK_RS4
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE LEHMAN CAVES NV 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT THE UPPERMOST POOL OF ROWLAND SPRING AND IS WITHIN THE BOUNDARIES OF GREAT BASIN NATIONAL PARK. THE DATA ARE REPORTED IN THE "GREAT BASIN NATIONAL PARK FEASIBILITY STUDY FOR WATER AND WASTEWATER SERVICE;" SEPTEMBER 1991. THIS STUDY WAS CONDUCTED BY THE NATIONAL PARK SERVICE USING DATA COLLECTED BY SEVERAL DIFFERENT AGENCIES. DATA FOR THIS STATION WERE COLLECTED BY AGK ENGINEERS. THE PURPOSE OF THE STUDY WAS TO "DEVELOP AND EVALUATE WATER SUPPLY AND TREATMENT ALTERNATIVES...FOR THE GREAT BASIN NATIONAL PARK AND NEARBY EXISTING AND FUTURE POPULATION CENTERS." FOR INFORMATION ON THE PARK CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DR. SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0282

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00080	COLOR (PLATINUM-COBALT UNITS)	01/22/90-01/22/90	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00086	ODOR (THRESHOLD NUMBER AT 60 DEG C)	01/22/90-01/22/90	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	01/22/90-01/22/90	1	8.5	8.5	8.5	8.5	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/22/90-01/22/90	1	8.5	8.5	8.5	8.5	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/22/90-01/22/90	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	01/22/90-01/22/90	1	63.	63.	63.	63.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	01/22/90-01/22/90	1	63.	63.	63.	63.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	01/22/90-01/22/90	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/22/90-01/22/90	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	01/22/90-01/22/90	1	62.	62.	62.	62.	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	01/22/90-01/22/90	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	01/22/90-01/22/90	1	2.2	2.2	2.2	2.2	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	01/22/90-01/22/90	1	3.7	3.7	3.7	3.7	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	01/22/90-01/22/90	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	01/22/90-01/22/90	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	01/22/90-01/22/90	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	01/22/90-01/22/90	1	0.11	0.11	0.11	0.11	0.	0.	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	01/22/90-01/22/90	1	13.7	13.7	13.7	13.7	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	01/22/90-01/22/90	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: GRBA0282

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01007	BARIUM, TOTAL (UG/L AS BA)	01/22/90-01/22/90	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	01/22/90-01/22/90	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	01/22/90-01/22/90	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	01/22/90-01/22/90	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	01/22/90-01/22/90	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	01/22/90-01/22/90	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	01/22/90-01/22/90	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	01/22/90-01/22/90	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	01/22/90-01/22/90	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	01/22/90-01/22/90	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01519	RADIATION, GROSS ALPHA, WHOLE WATER PC/L	01/22/90-01/22/90	1	5.	5.	5.	5.	0.	0.	**	**	**	**
04208	ANIONS, SUM, TOTAL, WATER MEQ/L	01/22/90-01/22/90	1	1.32	1.32	1.32	1.32	0.	0.	**	**	**	**
04226	CATIONS, SUM, TOTAL, WATER MEQ/L	01/22/90-01/22/90	1	1.25	1.25	1.25	1.25	0.	0.	**	**	**	**
11503	RADIUM 226 + RADIUM 228,TOTAL PC/L	01/22/90-01/22/90	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
11504	RADIUM 226 + RADIUM 228,TOTAL,COUNTING ERROR PC/L	01/22/90-01/22/90	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
50938	ANION - CATION RATIO	01/22/90-01/22/90	1	0.95	0.95	0.95	0.95	0.	0.	**	**	**	**
61278	BETA, GROSS, COUNTING ERROR, WHOLE WATER PCI/L	01/22/90-01/22/90	1	2.	2.	2.	2.	0.	0.	**	**	**	**
61279	ALPHA, GROSS, COUNTING ERROR, WHOLE WATER PCI/L	01/22/90-01/22/90	1	2.	2.	2.	2.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/22/90-01/22/90	1	74.	74.	74.	74.	0.	0.	**	**	**	**
70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	01/22/90-01/22/90	1	8.17	8.17	8.17	8.17	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	01/22/90-01/22/90	1 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/22/90-01/22/90	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
85817	BETA, GROSS, WATER, WHOLE, PC/L	01/22/90-01/22/90	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: GRBA0282

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
01007	BARIUM, TOTAL	Drinking Water	2000.	1	0	0.00	1	0	0.00									
01027	CADMIUM, TOTAL	Fresh Acute	3.9	1	0	0.00	1	0	0.00									
		Drinking Water	5.	1	0	0.00	1	0	0.00									
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00	1	0	0.00									
01042	COPPER, TOTAL	Fresh Acute	18.	1	0	0.00	1	0	0.00									
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00	1	0	0.00									
		Drinking Water	15.	1	0	0.00	1	0	0.00									
01077	SILVER, TOTAL	Fresh Acute	4.1	0 &	0	0.00												
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00	1	0	0.00									
		Drinking Water	5000.	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									
11503	RADIUM 226 + RADIUM 228, TOTAL	Drinking Water	5.	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									
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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0283

NPS Station ID: GRBA0283
LAT/LON: 39.008866/-114.308198
Agency: 11NPSWRD
Date Created: 03/06/99
Location: LEHMAN CREEK 1
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): GRBA_ACHEM_LC1
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 3084
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPO.) QUADRANGLE. THE SITE IS LOCATED AT LEHMAN CREEK; APPROXIMATELY 0.5 MILES UPSTREAM OF STELLA LAKE; AND IS WITHIN THE BOUNDARIES OF GREAT BASIN NATIONAL PARK. DATA ARE FROM A MASTER'S THESIS PREPARED BY STEPHEN ACHAEMPONG; "ISOTOPE HYDROLOGY OF LEHMAN AND BAKER CREEKS DRAINAGES; GREAT BASIN NATIONAL PARK; NEVADA." THIS THESIS WAS SUBMITTED TO THE DEPARTMENT OF GEOSCIENCE; UNIVERSITY OF NEVADA; LAS VEGAS IN AUGUST OF 1992. THE DATA WERE COLLECTED IN ORDER TO UNDERSTAND THE RECHARGE AND MIXING MECHANISMS OF WATER RESOURCES IN THE PARK USING ENVIRONMENTALLY STABLE ISOTOPES OF DEUTERIUM AND OXYGEN-18. DATES WERE ESTIMATED AS RAW DATA WERE UNAVAILABLE. FOR MORE INFORMATION ON THE PARK CONTACT THE CHIEF OF RESOURCES AT GRBA; BAKER NV 89311-9700 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NPS WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0283

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/15/90-09/15/91	8	5.5	5.3	8.8	1.	6.126	2.475	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/15/90-09/15/91	8	28.5	26.25	36.	8.	69.643	8.345	**	**	**	**
82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	08/15/90-09/15/91	8	-112.	-111.875	-109.	-114.	3.554	1.885	**	**	**	**
82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	08/15/90-09/15/91	8	-15.	-15.375	-15.	-16.	0.268	0.518	**	**	**	**

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

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

Station Inventory for Station: GRBA0284

NPS Station ID: GRBA0284 LAT/LON: 39.008892/-114.206392 Agency: 11NPSWRD Date Created: 03/13/99
Location: SOUTHERN OUTLET STREAM FROM ROWLAND SPRING FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): GRBA_NPS_RSC
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 16020301 Depth of Water: 0 Aquifer:
Major Basin: GREAT BASIN Elevation: 0 Water Body Id:
Minor Basin: GREAT SALT LAKE ECO Region:
RF1 Index: 16020301 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 16020301119900.00 RF3 Mile Point: 1.19 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE LEHMAN CAVES NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT THE SOUTHERN OUTLET STREAM FROM ROWLAND SPRING AND IS OUTSIDE THE BOUNDARIES OF GREAT BASIN NATIONAL PARK (GRBA). DATA WERE COLLECTED BY KURT PFAFF; PHYSICAL SCIENCE TECHNICIAN FOR GRBA; AS PART OF A STUDY TO DETERMINE THE EFFECTS OF A PROPOSED DOMESTIC USE WELL ON ROWLAND SPRINGS. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0284

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/28/98-10/28/98	1	9.1	9.1	9.1	9.1	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/28/98-10/28/98	1	163.	163.	163.	163.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: GRBA0285

NPS Station ID: GRBA0285 | LAT/LON: 39.008920/-114.206727 | Agency: 11NPSWRD | Date Created: 03/13/99
Location: ROWLAND SPRING; MAIN POOL | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): GRBA_NPS_RSA
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 0 | Water Body Id:
Minor Basin: GREAT SALT LAKE | ECO Region:
RF1 Index: 16020301 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE LEHMAN CAVES NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT THE MAIN POOL OF ROWLAND SPRINGS. THIS SITE IS WITHIN THE BOUNDARIES OF GREAT BASIN NATIONAL PARK (GRBA). DATA WERE COLLECTED BY KURT PFAFF; PHYSICAL SCIENCE TECHNICIAN FOR GRBA; AS PART OF A STUDY TO DETERMINE THE EFFECTS OF A PROPOSED DOMESTIC USE WELL ON ROWLAND SPRINGS. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0285

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/28/98-10/28/98	1	8.8	8.8	8.8	8.8	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/28/98-10/28/98	1	163.	163.	163.	163.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: GRBA0286

NPS Station ID: GRBA0286 LAT/LON: 39.008977/-114.205921 Agency: 11NPSWRD Date Created: 03/13/99
Location: OUTLET STREAM FROM SM. SPRING; 80 M DOWNSTREAM FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): GRBA_NPS_RSF
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 16020301 Depth of Water: 0 Aquifer:
Major Basin: GREAT BASIN Elevation: 0 Water Body Id:
Minor Basin: GREAT SALT LAKE ECO Region:
RF1 Index: 16020301 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 16020301119900.00 RF3 Mile Point: 1.19 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE LEHMAN CAVES NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED APPROXIMATELY 80 METERS DOWN THE OUTLET STREAM FROM A SMALL SPRING NNW OF ROWLAND SPRING. THIS SITE IS OUTSIDE THE BOUNDARIES OF GREAT BASIN NATIONAL PARK (GRBA). DATA WERE COLLECTED BY KURT PFAFF; PHYSICAL SCIENCE TECHNICIAN FOR GRBA; AS PART OF A STUDY TO DETERMINE THE EFFECTS OF A PROPOSED DOMESTIC USE WELL ON ROWLAND SPRINGS. FOR MORE INFOR- MATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0286

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/28/98-10/28/98	1	10.8	10.8	10.8	10.8	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/28/98-10/28/98	1	166.	166.	166.	166.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: GRBA0287

NPS Station ID: GRBA0287
LAT/LON: 39.009003/-114.124003
Agency: 11NPSWRD
Date Created: 05/30/98
Location: EYDH070
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): GRBA_NURE_173 /7055092
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE BAKER; NV-UT 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A STREAM OUTSIDE THE GREAT BASIN NATIONAL PARK BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.45 MICRON FILTER AND ACIDIFIED TO A PH OF ONE WITH NITRIC ACID AT THE SITE. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "SRL" FIELD ENTRY (SAVANNAH RIVER LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE SAVANNAH RIVER LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525. TEL. (970) 225-3516.

Parameter Inventory for Station: GRBA0287

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/12/80-07/12/80	1	0.549	0.549	0.549	0.549	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/12/80-07/12/80	1	10.9	10.9	10.9	10.9	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/12/80-07/12/80	1	2.3	2.3	2.3	2.3	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/12/80-07/12/80	1	1.03	1.03	1.03	1.03	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/12/80-07/12/80	1	1.34	1.34	1.34	1.34	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	07/12/80-07/12/80	1	509.	509.	509.	509.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/12/80-07/12/80	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/12/80-07/12/80	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/12/80-07/12/80	1	18.	18.	18.	18.	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	07/12/80-07/12/80	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	07/12/80-07/12/80	1	12.	12.	12.	12.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/12/80-07/12/80	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	07/12/80-07/12/80	1	17.	17.	17.	17.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/12/80-07/12/80	1	341.	341.	341.	341.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/12/80-07/12/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	07/12/80-07/12/80	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	07/12/80-07/12/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/12/80-07/12/80	1	429.	429.	429.	429.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	07/12/80-07/12/80	1	34.	34.	34.	34.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: GRBA0287

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/12/80-07/12/80	1	42.	42.	42.	42.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/12/80-07/12/80	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01110	CERIUM, DISSOLVED (UG/L AS CE)	07/12/80-07/12/80	1	42.	42.	42.	42.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/12/80-07/12/80	1	33.	33.	33.	33.	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/12/80-07/12/80	1	1745.	1745.	1745.	1745.	0.	0.	**	**	**	**
01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/12/80-07/12/80	1	38.	38.	38.	38.	0.	0.	**	**	**	**
01180	LANTHANUM, DISSOLVED (UG/L AS LA)	07/12/80-07/12/80	1	23.	23.	23.	23.	0.	0.	**	**	**	**
01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/12/80-07/12/80	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/12/80-07/12/80	1	11.	11.	11.	11.	0.	0.	**	**	**	**
50576	HAFNIUM, DISSOLVED UG/L	07/12/80-07/12/80	1 ##	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
50580	NIOBIUM, DISSOLVED UG/L	07/12/80-07/12/80	1	16.	16.	16.	16.	0.	0.	**	**	**	**
82365	THORIUM, DISSOLVED IN WATER UG/L	07/12/80-07/12/80	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: GRBA0287

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	1	0	0.00							1	0	0.00			
		Drinking Water	4.	1	0	0.00							1	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00							1	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00							1	0	0.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00							1	0	0.00			
		Drinking Water	15.	1	1	1.00							1	1	1.00			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: GRBA0288

NPS Station ID: GRBA0288 LAT/LON: 39.009003/-114.206392 Agency: 11NPSWRD Date Created: 03/13/99
Location: NORTHERN OUTLET STREAM FROM ROWLAND SPRING FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): GRBA_NPS_RSB
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 16020301 Depth of Water: 0 Aquifer:
Major Basin: GREAT BASIN Elevation: 0 Water Body Id:
Minor Basin: GREAT SALT LAKE ECO Region:
RF1 Index: 16020301 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 16020301119900.00 RF3 Mile Point: 1.19 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE LEHMAN CAVES NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT THE NORTHERN OUTLET STREAM OF ROWLAND SPRING AND IS OUTSIDE THE BOUNDARIES OF GREAT BASIN NATIONAL PARK (GRBA). DATA WERE COLLECTED BY KURT PFAFF; PHYSICAL SCIENCE TECHNICIAN FOR GRBA; AS PART OF A STUDY TO DETERMINE THE EFFECTS OF A PROPOSED DOMESTIC USE WELL ON ROWLAND SPRINGS. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0288

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/28/98-10/28/98	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/28/98-10/28/98	1	163.	163.	163.	163.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: GRBA0289

NPS Station ID: GRBA0289 LAT/LON: 39.009003/-114.206727 Agency: 11NPSWRD Date Created: 12/19/98
Location: ROWLAND SPRING SOURCE ABOVE PARK VIEW ESTATES FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING STORET Station ID(s): GRBA_MAINT_6
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 Depth of Water: 0 Aquifer:
Major Basin: GREAT BASIN Elevation: 0 Water Body Id:
Minor Basin: GREAT SALT LAKE ECO Region:
RF1 Index: 16020301 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 16020301119900.00 RF3 Mile Point: 1.19 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE LEHMAN CAVES NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT THE SOURCE OF ROWLAND SPRING ABOVE THE PARKVIEW ESTATES RESIDENTIAL AREA. THIS SITE IS WITHIN THE GREAT BASIN NATIONAL PARK BOUNDARY. DATA WERE COLLECTED AS PART OF THE PARK'S SURFACE WATER QUALITY MONITORING PROGRAM AND ARE AVAILABLE THROUGH THE MAINTENANCE DIVISION. FOR 1991-1997; THE SAMPLING DATES WERE ESTIMATED TO BE THE 15TH OF EACH MONTH. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0289

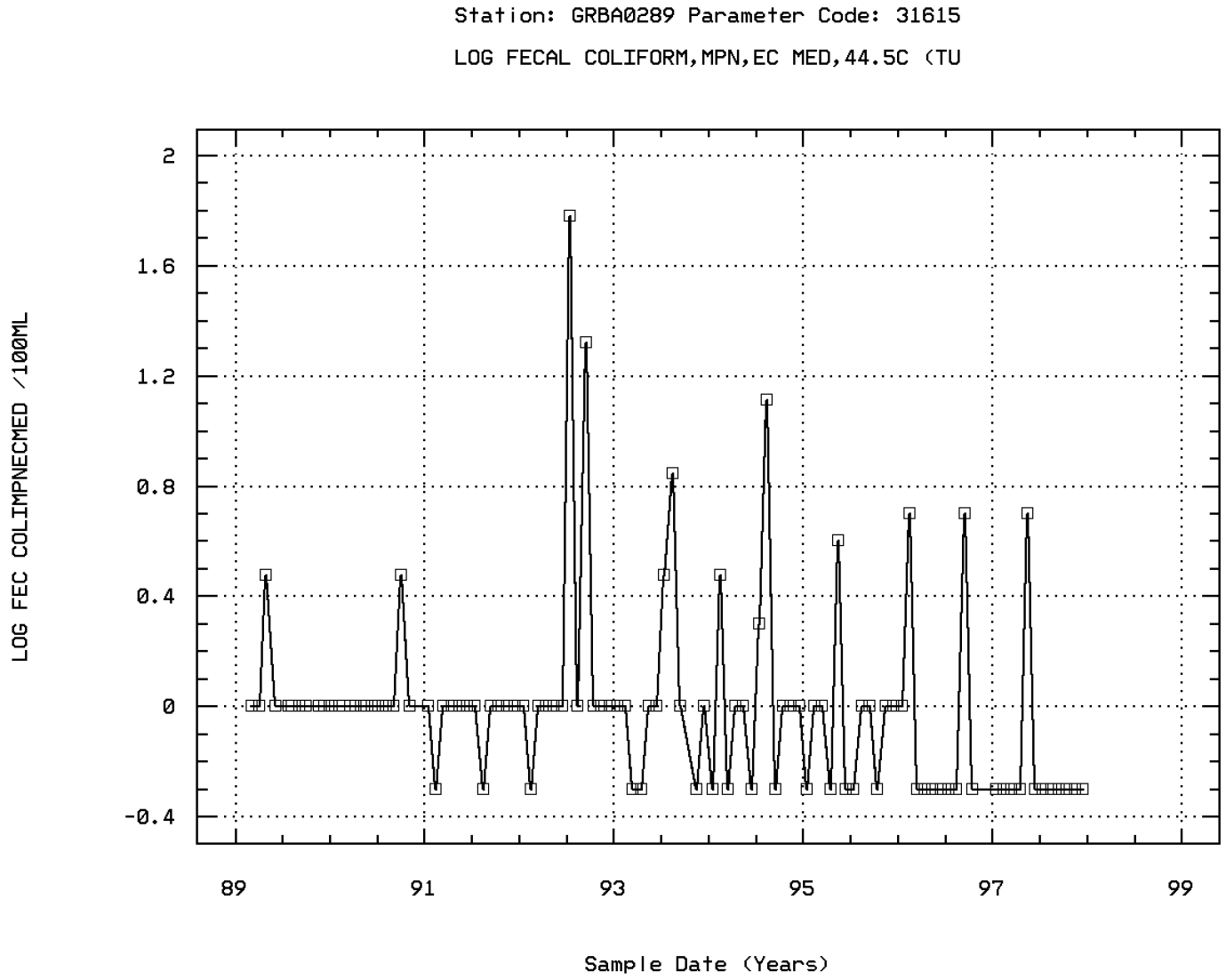
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/07/89-12/15/97	102 ##	0.5	1.613	60.	0.	41.059	6.408	0.	0.	1.	3.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/07/89-12/15/97	102 ##	-0.301	0.	1.778	-0.301	0.126	0.354	0.	0.	0.	0.477
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.001								
31672p	FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C48	03/07/89-12/15/97	103	0.5	4.243	100.	0.	196.48	14.017	0.	0.	3.	8.
31672p	LOG FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35	03/07/89-12/15/97	103	-0.301	0.211	2.	-0.301	0.245	0.495	0.	0.	0.477	0.903
31672p	GM FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C	GEOMETRIC MEAN =			1.624								
61206	E.COLI, WATER, MMO-MUG, MPN MPN/100ML	11/15/96-12/15/96	2 ##	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

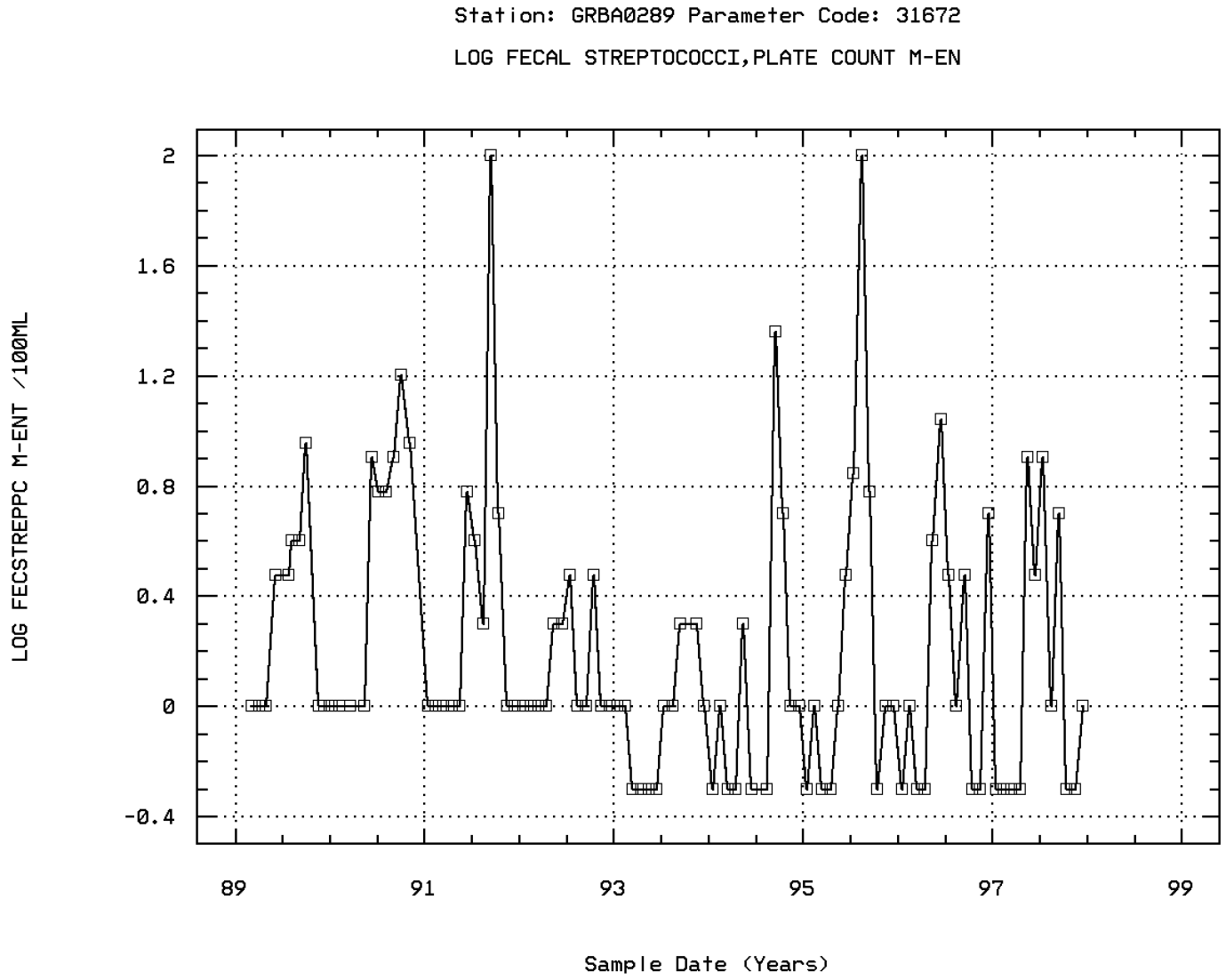
EPA Water Quality Criteria Analysis for Station: GRBA0289

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	102	0	0.00	57	0	0.00	18	0	0.00	27	0	0.00			

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



ROWLAND SPRING SOURCE ABOVE PARK VIEW E



ROWLAND SPRING SOURCE ABOVE PARK VIEW E

Annual Analysis for 1989 - Station GRBA0289

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/07/89-12/15/97	10 ##	0.	0.4	3.	0.	0.933	0.966	0.	0.	0.25	2.8
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/07/89-12/15/97	10 ##	0.	0.048	0.477	0.	0.023	0.151	0.	0.	0.	0.429
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.116								
31672p	FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C48	03/07/89-12/15/97	10	2.	2.4	9.	0.	8.267	2.875	0.	0.	4.	8.5
31672p	LOG FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35	03/07/89-12/15/97	10	0.239	0.311	0.954	0.	0.125	0.353	0.	0.	0.602	0.919
31672p	GM FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C	GEOMETRIC MEAN =			2.048								

** - Less than 9 observations ## - Computed 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 GRBA0289

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/07/89-12/15/97	11 ##	0.	0.364	3.	0.	0.855	0.924	0.	0.	0.	2.6
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/07/89-12/15/97	11 ##	0.	0.043	0.477	0.	0.021	0.144	0.	0.	0.	0.382
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.105								
31672p	FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C48	03/07/89-12/15/97	11	6.	5.727	16.	0.	27.618	5.255	0.	0.	9.	14.8
31672p	LOG FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35	03/07/89-12/15/97	11	0.778	0.593	1.204	0.	0.234	0.483	0.	0.	0.954	1.163
31672p	GM FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C	GEOMETRIC MEAN =			3.916								

** - Less than 9 observations ## - Computed 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 GRBA0289

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/07/89-12/15/97	12 ##	0.	0.333	1.	0.	0.197	0.444	0.	0.	0.875	1.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/07/89-12/15/97	12 ##	0.	-0.05	0.	-0.301	0.014	0.117	0.	0.	-0.075	0.
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			0.891								
31672p	FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C48	03/07/89-12/15/97	12	1.	9.917	100.	0.	809.356	28.449	0.	0.	4.75	71.8
31672p	LOG FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35	03/07/89-12/15/97	12	0.	0.365	2.	0.	0.359	0.599	0.	0.	0.675	1.633
31672p	GM FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C	GEOMETRIC MEAN =			2.317								

** - Less than 9 observations ## - Computed 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 GRBA0289

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/07/89-12/15/97	12 ##	0.	6.875	60.	0.	315.915	17.774	0.	0.	0.875	48.3
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/07/89-12/15/97	12 ##	0.	0.233	1.778	-0.301	0.395	0.629	0.	0.	-0.075	1.641
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.711								
31672p	FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C48	03/07/89-12/15/97	12	1.	1.083	3.	0.	1.356	1.165	0.	0.	2.	3.
31672p	LOG FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35	03/07/89-12/15/97	12	0.	0.13	0.477	0.	0.04	0.199	0.	0.	0.301	0.477
31672p	GM FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C	GEOMETRIC MEAN =			1.348								

** - Less than 9 observations ## - Computed 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 GRBA0289

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/07/89-12/15/97	11 ##	0.5	1.227	7.	0.	4.418	2.102	0.	0.	1.	6.2
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/07/89-12/15/97	11 ##	-0.301	0.038	0.845	-0.301	0.12	0.346	0.	0.	0.	0.772
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.092								

** - Less than 9 observations ## - Computed 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 GRBA0289

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31672p	FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C48	03/07/89-12/15/97	11	0.5	0.636	2.	0.	0.555	0.745	0.	0.	1.	2.
31672p	LOG FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35	03/07/89-12/15/97	11	-0.301	-0.055	0.301	-0.301	0.051	0.226	0.	0.	0.	0.301
31672p	GM FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C	GEOMETRIC MEAN =			0.882								

** - Less than 9 observations ## - Computed 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 1994 - Station GRBA0289

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/07/89-12/15/97	12 ##	0.5	1.833	13.	0.	13.152	3.627	0.	0.125	1.75	10.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/07/89-12/15/97	12 ##	-0.301	0.057	1.114	-0.301	0.171	0.414	0.	-0.075	0.226	0.923
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.141								
31672p	FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C48	03/07/89-12/15/97	11	0.5	2.955	23.	0.	46.323	6.806	0.	0.	2.	19.4
31672p	LOG FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35	03/07/89-12/15/97	11	-0.301	0.078	1.362	-0.301	0.282	0.531	0.	0.	0.301	1.229
31672p	GM FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C	GEOMETRIC MEAN =			1.196								

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

Annual Analysis for 1995 - Station GRBA0289

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/07/89-12/15/97	12 ##	0.5	0.875	4.	0.	1.097	1.047	0.	0.5	1.	3.1
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/07/89-12/15/97	12 ##	-0.301	-0.075	0.602	-0.301	0.068	0.261	0.	-0.301	0.	0.421
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			0.841								
31672p	FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C48	03/07/89-12/15/97	12	0.75	10.	100.	0.	808.818	28.44	0.	0.5	5.25	72.1
31672p	LOG FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35	03/07/89-12/15/97	12	-0.151	0.241	2.	-0.301	0.474	0.688	0.	-0.301	0.703	1.654
31672p	GM FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C	GEOMETRIC MEAN =			1.743								

** - Less than 9 observations ## - Computed 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 1996 - Station GRBA0289

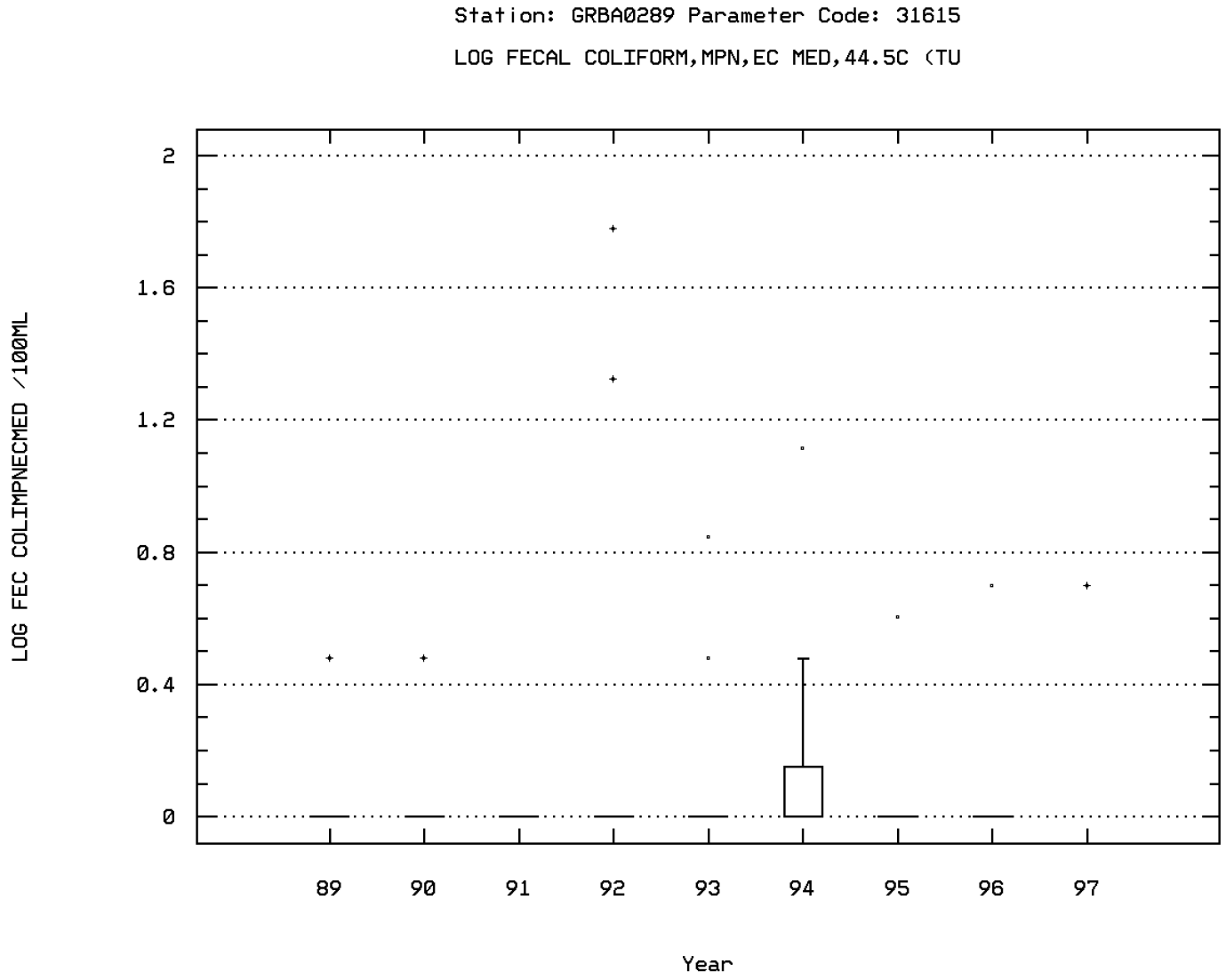
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/07/89-12/15/97	10 ##	0.5	1.35	5.	0.	3.725	1.93	0.05	0.5	1.625	5.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/07/89-12/15/97	10 ##	-0.301	-0.071	0.699	-0.301	0.173	0.416	-0.03	-0.301	-0.051	0.699
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			0.849								
31672p	FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C48	03/07/89-12/15/97	12	0.75	2.458	11.	0.	9.975	3.158	0.15	0.5	3.75	9.2
31672p	LOG FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35	03/07/89-12/15/97	12	-0.151	0.149	1.041	-0.301	0.234	0.484	-0.09	-0.301	0.571	0.939
31672p	GM FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C	GEOMETRIC MEAN =			1.41								

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

Annual Analysis for 1997 - Station GRBA0289

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/07/89-12/15/97	12 ##	0.5	0.875	5.	0.5	1.688	1.299	0.5	0.5	0.5	3.65
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/07/89-12/15/97	12 ##	-0.301	-0.218	0.699	-0.301	0.083	0.289	-0.301	-0.301	-0.301	0.399
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			0.606								
31672p	FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C48	03/07/89-12/15/97	12 ##	0.75	2.417	8.	0.5	8.674	2.945	0.5	0.5	4.5	8.
31672p	LOG FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35	03/07/89-12/15/97	12 ##	-0.151	0.098	0.903	-0.301	0.252	0.502	-0.301	-0.301	0.644	0.903
31672p	GM FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C	GEOMETRIC MEAN =			1.253								

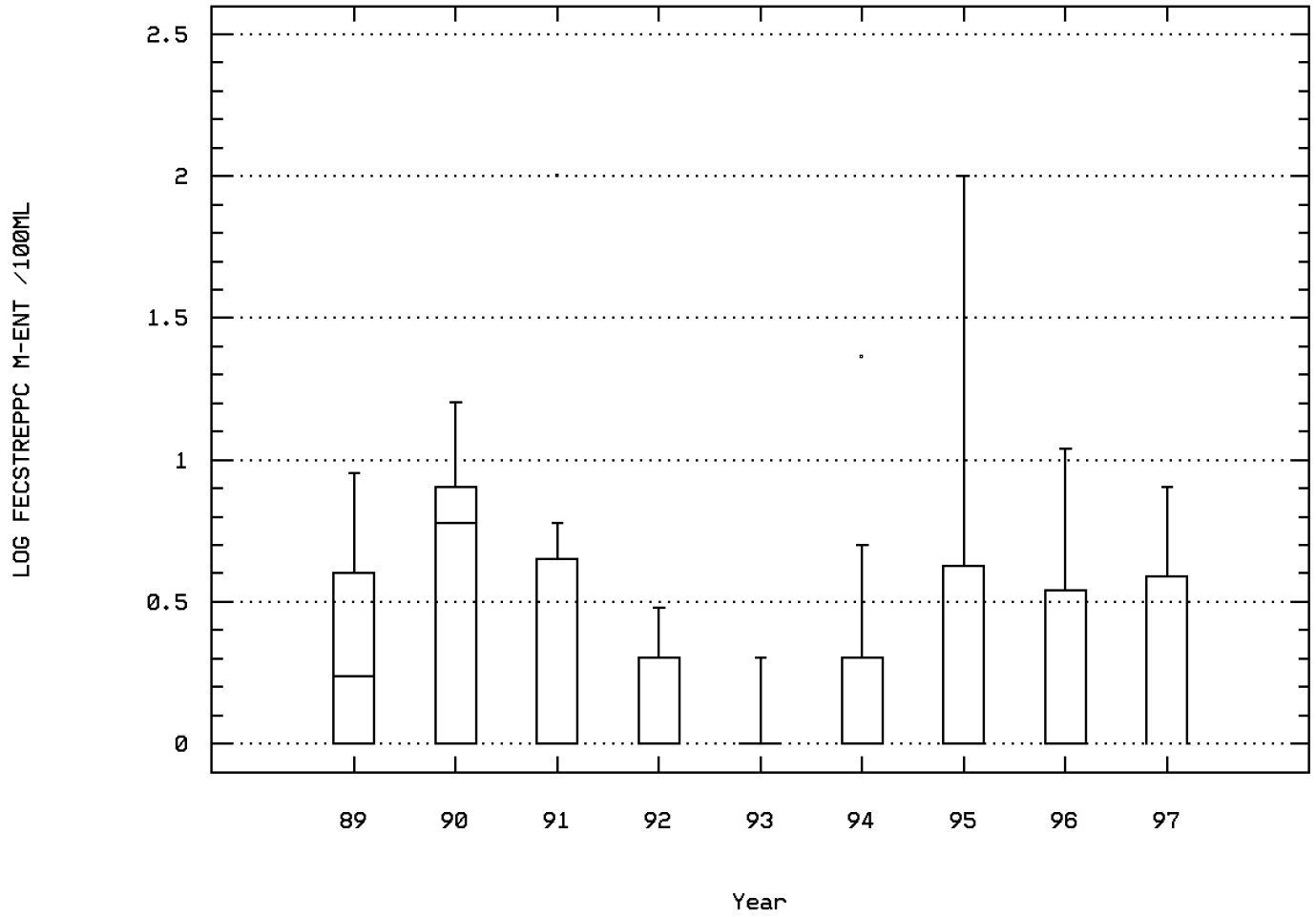
** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot



ROWLAND SPRING SOURCE ABOVE PARK VIEW E

Station: GRBA0289 Parameter Code: 31672

LOG FECAL STREPTOCOCCI,PLATE COUNT M-EN



ROWLAND SPRING SOURCE ABOVE PARK VIEW E

Seasonal Analysis for Season #1: 9/15 to 4/14 - Station GRBA0289

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/07/89-12/15/97	57 ##	0.5	0.947	21.	0.	8.399	2.898	0.	0.	0.5	1.4
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/07/89-12/15/97	57 ##	-0.301	-0.031	1.322	-0.301	0.085	0.291	0.	0.	-0.301	0.095
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			0.932								
31672p	FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C48	03/07/89-12/15/97	59	0.5	3.669	100.	0.	179.729	13.406	0.	0.	2.	9.
31672p	LOG FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35	03/07/89-12/15/97	59	-0.301	0.137	2.	-0.301	0.234	0.484	0.	0.	0.301	0.954
31672p	GM FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C	GEOMETRIC MEAN =			1.371								

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

Seasonal Analysis for Season #2: 4/15 to 6/14 - Station GRBA0289

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/07/89-12/15/97	18 ##	0.	0.806	5.	0.	2.328	1.526	0.	0.	0.5	4.1
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/07/89-12/15/97	18 ##	0.	0.015	0.699	-0.301	0.09	0.3	0.	0.	-0.301	0.612
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.036								
31672p	FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C48	03/07/89-12/15/97	18	0.5	1.778	8.	0.	6.33	2.516	0.	0.375	2.25	8.
31672p	LOG FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35	03/07/89-12/15/97	18	-0.301	0.093	0.903	-0.301	0.164	0.405	0.	-0.226	0.345	0.903
31672p	GM FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C	GEOMETRIC MEAN =			1.24								

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

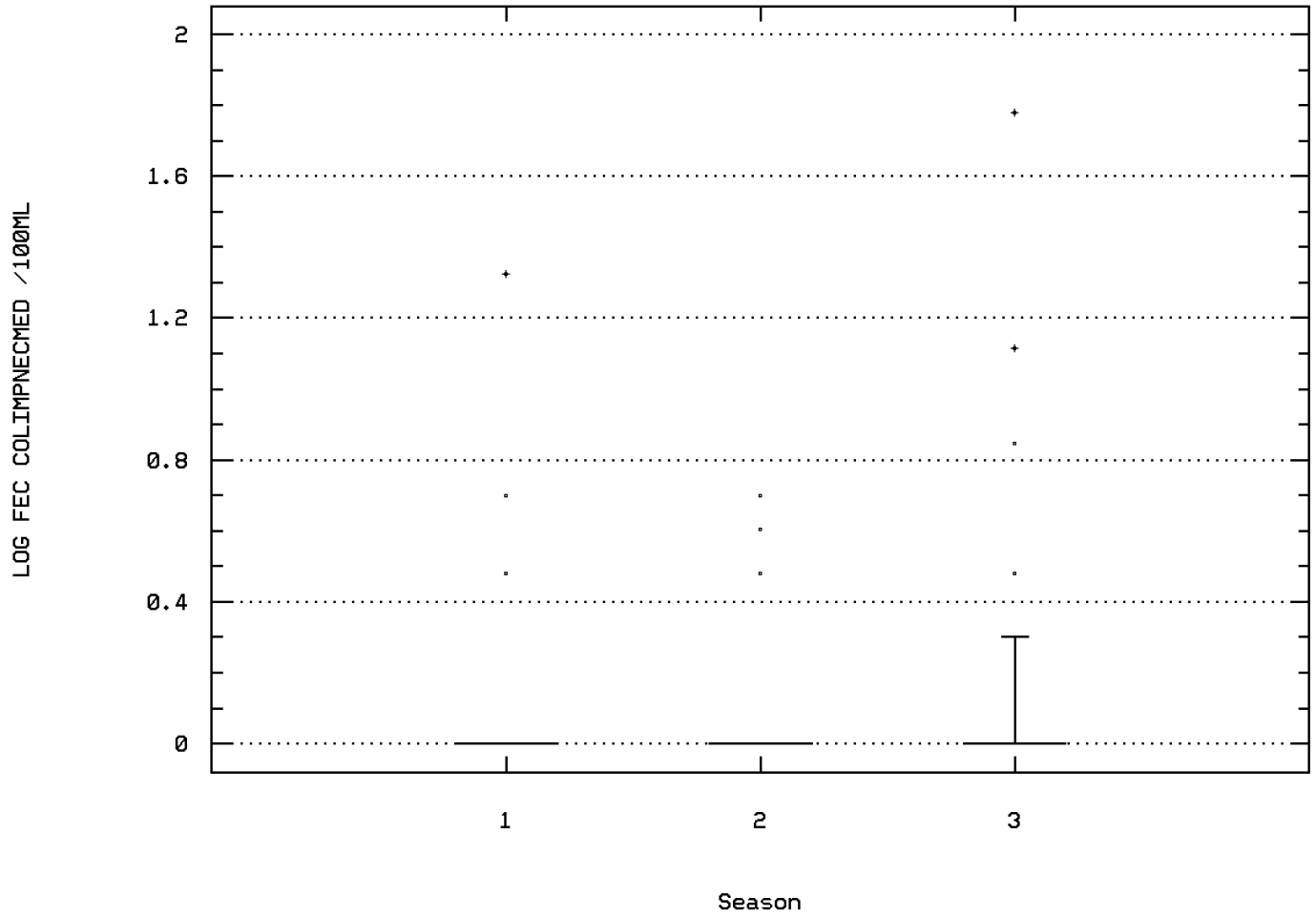
Seasonal Analysis for Season #3: 6/15 to 9/14 - Station GRBA0289

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/07/89-12/15/97	27 ##	0.5	3.556	60.	0.	134.545	11.599	0.	0.5	1.	8.2
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/07/89-12/15/97	27 ##	-0.301	0.056	1.778	-0.301	0.241	0.491	0.	-0.301	0.	0.899
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.137								
31672p	FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C48	03/07/89-12/15/97	26	3.	7.25	100.	0.	365.805	19.126	0.5	1.	6.	8.9
31672p	LOG FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35	03/07/89-12/15/97	26	0.477	0.458	2.	-0.301	0.258	0.508	-0.301	0.	0.778	0.945
31672p	GM FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C	GEOMETRIC MEAN =			2.873								

** - Less than 9 observations ## - Computed 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: GRBA0289 Parameter Code: 31615

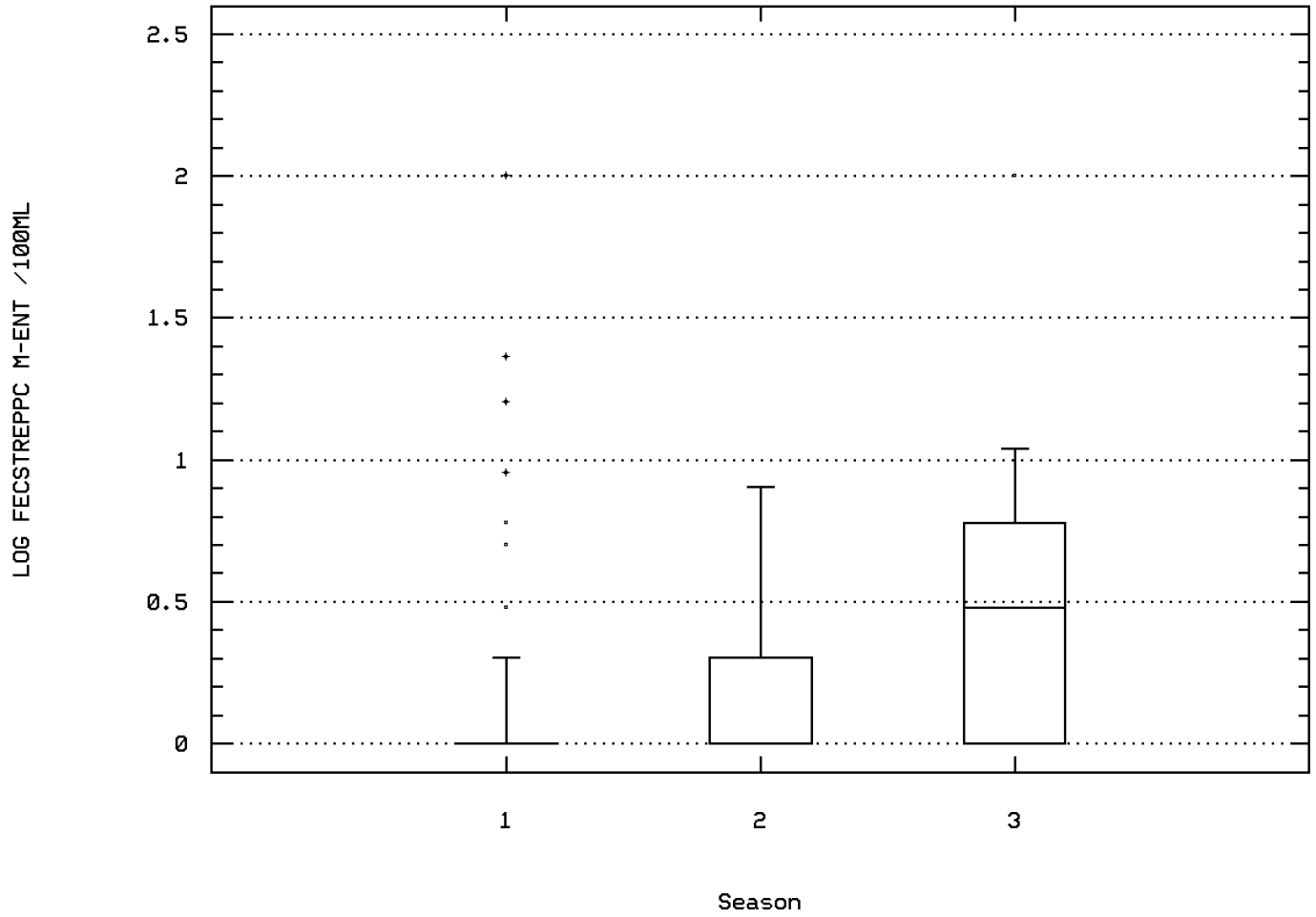
LOG FECAL COLIFORM,MPN,EC MED,44.5C (TU



ROWLAND SPRING SOURCE ABOVE PARK VIEW E

Station: GRBA0289 Parameter Code: 31672

LOG FECAL STREPTOCOCCI,PLATE COUNT M-EN



ROWLAND SPRING SOURCE ABOVE PARK VIEW E

Station Inventory for Station: GRBA0290

NPS Station ID: GRBA0290
LAT/LON: 39.009032/-114.314420
Agency: 11NPSWRD
Date Created: 03/06/99
Location: LEHMAN CREEK SPRING 4
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): GRBA_ACHEM_LCS4
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 3158
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPO.) QUADRANGLE. THE SITE IS LOCATED AT A SPRING AT A TRIBUTARY NORTH OF LEHMAN CREEK AND EAST OF STELLA LAKE AND IS WITHIN THE BOUNDARIES OF GREAT BASIN NATIONAL PARK. THE DATA ARE FROM A MASTER'S THESIS PREPARED BY STEPHEN ACHAEMPONG; "ISOTOPE HYDROLOGY OF LEHMAN AND BAKER CREEKS DRAINAGES; GREAT BASIN NATIONAL PARK; NEVADA." THIS THESIS WAS SUBMITTED TO THE DEPARTMENT OF GEOSCIENCE; UNIVERSITY OF NEVADA; LAS VEGAS IN AUGUST OF 1992. DATA WERE COLLECTED IN ORDER TO UNDERSTAND THE RECHARGE AND MIXING MECHANISMS OF WATER RESOURCES IN THE PARK USING ENVIRONMENTALLY STABLE ISOTOPES OF DEUTERIUM AND OXYGEN-18. DATES WERE ESTIMATED AS RAW DATA WERE UNAVAILABLE. FOR MORE INFORMATION ON THE PARK CONTACT THE CHIEF OF RESOURCES AT GRBA; BAKER NV 89311-9700 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NPS WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0290

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/15/90-07/15/91	5	4.	3.9	6.	2.	3.55	1.884	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/15/90-07/15/91	5	23.	24.8	30.	21.	13.2	3.633	**	**	**	**
82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	08/15/90-07/15/91	5	-109.	-109.	-105.	-113.	8.5	2.915	**	**	**	**
82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	08/15/90-07/15/91	5	-15.	-15.	-15.	-15.	0.	0.	**	**	**	**

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

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

Station Inventory for Station: GRBA0291

NPS Station ID: GRBA0291 LAT/LON: 39.009032/-114.314448 Agency: 11NPSWRD Date Created: 02/27/99
Location: SOURCE SPRING FOR WHEELER PEAK CAMPGROUND FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING STORET Station ID(s): GRBA_NVSHL_WPC
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 Depth of Water: 0 Aquifer:
Major Basin: GREAT BASIN Elevation: 0 Water Body Id:
Minor Basin: GREAT SALT LAKE ECO Region:
RF1 Index: 16020301 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 16020301119900.00 RF3 Mile Point: 1.19 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT THE WHEELER PEAK CAMPGROUND SPRING INSIDE OF GREAT BASIN NATIONAL PARK. THIS SPRING PROVIDES THE WATER FOR THE WHEELER PEAK CAMPGROUND WATER SYSTEM; WHICH SHARES A BAG FILTRATION AND CHLORINATION TREATMENT SYSTEM WITH BAKER CREEK CAMPGROUND AND LEHMAN CREEK CAMPGROUNDS. NEVADA STATE HEALTH LABORATORY SAMPLED PRIOR TO TREATMENT TO DETERMINE IF THE DOMESTIC DRINKING WATER SUPPLY MET WITH SAFE DRINKING WATER ACT COMPLIANCE. FOR MORE INFORMATION ON THE PARK CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0291

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00080	COLOR (PLATINUM-COBALT UNITS)	07/22/88-07/22/88	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/22/88-07/22/88	1	56.	56.	56.	56.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/22/88-07/22/88	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/22/88-07/22/88	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/22/88-07/22/88	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/22/88-07/22/88	1	26.	26.	26.	26.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	07/22/88-07/22/88	1	32.	32.	32.	32.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	07/22/88-07/22/88	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/22/88-07/22/88	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/22/88-07/22/88	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	07/22/88-07/22/88	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/22/88-07/22/88	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	07/22/88-07/22/88	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	07/22/88-07/22/88	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/22/88-07/22/88	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/22/88-07/22/88	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	07/22/88-07/22/88	1	0.14	0.14	0.14	0.14	0.	0.	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	07/22/88-07/22/88	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	07/22/88-07/22/88	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	07/22/88-07/22/88	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	07/22/88-07/22/88	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	07/22/88-07/22/88	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

Parameter Inventory for Station: GRBA0291

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01055	MANGANESE, TOTAL (UG/L AS MN)	07/22/88-07/22/88	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	07/22/88-07/22/88	1	90.	90.	90.	90.	0.	0.	**	**	**	**
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	07/22/88-07/22/88	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/22/88-07/22/88	1	34.	34.	34.	34.	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	07/22/88-07/22/88	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: GRBA0291

				Total	Exceed	Prop.	----------9/15-4/14----------			----------4/15-6/14----------			----------6/15-9/14----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00							1	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00							1	0	0.00			
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	1	0	0.00							1	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00							1	0	0.00			
		Drinking Water	50.	1	0	0.00							1	0	0.00			
01007	BARIUM, TOTAL	Drinking Water	2000.	1	0	0.00							1	0	0.00			
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			
		Drinking Water	5000.	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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0292

NPS Station ID: GRBA0292
LAT/LON: 39.009032/-114.314448
Agency: 11NPSWRD
Date Created: 03/13/99
Location: WHEELER PEAK CAMPGROUND
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): GRBA_ACE_WPC
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK NV 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT THE SOURCE SPRING FOR WHEELER PEAK CAMPGROUND AND IS WITHIN THE BOUNDARIES OF GREAT BASIN NATIONAL PARK. THE DATA ARE REPORTED IN THE "GREAT BASIN NATIONAL PARK FEASIBILITY STUDY FOR WATER AND WASTEWATER SERVICE;" SEPTEMBER 1991. THIS STUDY WAS CONDUCTED BY THE NATIONAL PARK SERVICE USING DATA COLLECTED BY SEVERAL DIFFERENT AGENCIES. DATA FOR THIS STATION WERE COLLECTED BY ACE PACIFIC COMPANY. THE PURPOSE OF THE STUDY WAS TO "DEVELOP AND EVALUATE WATER SUPPLY AND TREATMENT ALTERNATIVES...FOR THE GREAT BASIN NATIONAL PARK AND NEARBY EXISTING AND FUTURE POPULATION CENTERS." FOR INFORMATION ON THE PARK CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DR. SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0292

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	PH (STANDARD UNITS)	06/30/89-06/30/89	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/30/89-06/30/89	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/30/89-06/30/89	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/30/89-06/30/89	1	38.	38.	38.	38.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/30/89-06/30/89	1	25.	25.	25.	25.	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	06/30/89-06/30/89	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	06/30/89-06/30/89	1	2.4	2.4	2.4	2.4	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	06/30/89-06/30/89	1	3.1	3.1	3.1	3.1	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/30/89-06/30/89	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	06/30/89-06/30/89	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	06/30/89-06/30/89	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	06/30/89-06/30/89	1	25.	25.	25.	25.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	06/30/89-06/30/89	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	06/30/89-06/30/89	1	120.	120.	120.	120.	0.	0.	**	**	**	**
04208	ANIONS, SUM, TOTAL, WATER MEQ/L	06/30/89-06/30/89	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
04226	CATIONS, SUM, TOTAL, WATER MEQ/L	06/30/89-06/30/89	1	0.63	0.63	0.63	0.63	0.	0.	**	**	**	**
50938	ANION - CATION RATIO	06/30/89-06/30/89	1	18.67	18.67	18.67	18.67	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/30/89-06/30/89	1	7.	7.	7.	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: GRBA0292

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	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			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	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	1	1.00							1	1	1.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: GRBA0293

NPS Station ID: GRBA0293 LAT/LON: 39.009087/-114.206392 Agency: 11NPSWRD Date Created: 03/13/99
Location: OUTLET STREAM FROM SM. SPRING; 40 M DOWNSTREAM FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): GRBA_NPS_RSE
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 16020301 Depth of Water: 0 Aquifer:
Major Basin: GREAT BASIN Elevation: 0 Water Body Id:
Minor Basin: GREAT SALT LAKE ECO Region:
RF1 Index: 16020301 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 16020301119900.00 RF3 Mile Point: 1.19 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE LEHMAN CAVES NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED APPROXIMATELY 40 METERS DOWN THE OUTLET STREAM FROM A SMALL SPRING NNW OF ROWLAND SPRING. THE SITE IS OUTSIDE THE BOUNDARIES OF GREAT BASIN NATIONAL PARK (GRBA). DATA WERE COLLECTED BY KURT PFAFF; PHYSICAL SCIENCE TECHNICIAN FOR GRBA; AS PART OF A STUDY TO DETERMINE THE EFFECTS OF A PROPOSED DOMESTIC USE WELL ON ROWLAND SPRINGS. FOR MORE INFOR- MATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0293

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/28/98-10/28/98	1	10.7	10.7	10.7	10.7	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/28/98-10/28/98	1	167.	167.	167.	167.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: GRBA0294

NPS Station ID: GRBA0294
LAT/LON: 39.009198/-114.206838
Agency: 11NPSWRD
Date Created: 03/13/99
Location: SMALL SPRING NNW OF ROWLAND SPRING
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): GRBA_NPS_RSD
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE LEHMAN CAVES NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT A SMALL SPRING NNW OF ROWLAND SPRING. THIS SITE IS WITHIN THE BOUNDARIES OF GREAT BASIN NATIONAL PARK (GRBA). DATA WERE COLLECTED BY KURT PFAFF; PHYSICAL SCIENCE TECHNICIAN FOR GRBA; AS PART OF A STUDY TO DETERMINE THE EFFECTS OF A PROPOSED DOMESTIC USE WELL ON ROWLAND SPRINGS. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0294

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/28/98-10/28/98	1	10.7	10.7	10.7	10.7	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/28/98-10/28/98	1	168.	168.	168.	168.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: GRBA0295

NPS Station ID: GRBA0295
LAT/LON: 39.009448/-114.301949
Agency: 112WRD
Date Created: 03/27/82
Location: 184 N13 E68 11AAC LEHMAN CREEK
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 390034114180701
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 16060008
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 16060008
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 16020301029800.00
RF3 Mile Point: 0.00
Distance from RF3: 0.35
On/Off RF3:
Description:

Parameter Inventory for Station: GRBA0295

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: GRBA0296

NPS Station ID: GRBA0296 LAT/LON: 39.009699/-114.205781 Agency: 11NPSWRD Date Created: 12/19/98
Location: LEHMAN CK ABOVE ESTATES; BELOW TREATMENT PONDS FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): GRBA_MAINT_2
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 16020301 Depth of Water: 0 Aquifer:
Major Basin: GREAT BASIN Elevation: 0 Water Body Id:
Minor Basin: GREAT SALT LAKE ECO Region:
RF1 Index: 16020301 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 16020301119900.00 RF3 Mile Point: 1.19 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE LEHMAN CAVES NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT LEHMAN CREEK UPSTREAM OF THE PARKVIEW ESTATES RESIDENTIAL AREA AND DOWNSTREAM FROM THE SEWAGE TREATMENT PONDS. THIS SITE IS OUTSIDE THE GREAT BASIN NATIONAL PARK BOUNDARY. DATA WERE COLLECTED AS PART OF THE PARK'S SURFACE WATER QUALITY MONITORING PROGRAM AND ARE AVAILABLE THROUGH THE MAINTENANCE DIVISION. FOR 1991-1997; SAMPLING DATES WERE ESTIMATED TO BE THE 15TH OF EACH MONTH. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0296

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/15/95-12/15/97	31	1.	12.065	130.	0.5	735.612	27.122	0.5	0.5	9.	56.4
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/15/95-12/15/97	31	0.	0.356	2.114	-0.301	0.583	0.763	-0.301	-0.301	0.954	1.747
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.271								
31672	FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C48	04/15/95-12/15/97	33	22.	31.318	100.	0.5	941.185	30.679	1.8	7.	45.5	93.2
31672	LOG FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35	04/15/95-12/15/97	33	1.342	1.216	2.	-0.301	0.356	0.596	0.191	0.845	1.658	1.968
31672	GM FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C	GEOMETRIC MEAN =			16.461								
61206	E.COLI, WATER, MMO-MUG, MPN MPN/100ML	11/15/96-12/15/96	2 ##	1.25	1.25	2.	0.5	1.125	1.061	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0296

			Total	Exceed	Prop.	----------9/15-4/14----------			----------4/15-6/14----------			----------6/15-9/14----------			----------n/a----------		
Parameter	Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31615 FECAL COLIFORM, MPN	Other-Hi Lim.	200.	31	0	0.00	16	0	0.00	6	0	0.00	9	0	0.00			

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

Station Inventory for Station: GRBA0297

NPS Station ID: GRBA0297
LAT/LON: 39.009726/-114.205838
Agency: 11NPSWRD
Date Created: 08/15/98
Location: LEHMAN CREEK #14
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): GRBA_USGS_LCK14
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE LEHMAN CAVES NV 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED ON LEHMAN CREEK AND IS OUTSIDE THE BOUNDARIES OF GREAT BASIN NATIONAL PARK. THE DATA ARE FROM A REPORT BY THE U.S. GEOLOGICAL SURVEY; "GREAT BASIN PARK SEEPAGE RUN; SEPTEMBER 1-3; 1992"; AND CAN ALSO BE FOUND IN THE 1992 ANNUAL WATER DATA OF NEVADA REPORT. THE PURPOSE OF THIS REPORT WAS TO DOCUMENT GAINING AND LOSING REACHES OF STREAMS DURING A PERIOD OF SUSTAINED LOW FLOW IN THE PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0297

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/92-09/02/92	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/02/92-09/02/92	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/92-09/02/92	1	133.	133.	133.	133.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: GRBA0298

NPS Station ID: GRBA0298 | LAT/LON: 39.009726/-114.206588 | Agency: 11NPSWRD | Date Created: 06/20/98
Location: LEHMAN CK 20 M W OF GRBA BOUNDARY E OF FENCE | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): GRBA_OSU_LEH4
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 6560 | Water Body Id:
Minor Basin: GREAT SALT LAKE | ECO Region:
RF1 Index: 16020301 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED AT THE LEHMAN CAVES NV-WHITE PINE CO. 7.5 MINUTE SERIES (TOPO.) QUADRANGLE. THE SITE IS LOCATED AT LEHMAN CREEK 20 METERS INSIDE OF THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY AND IS EAST OF THE FENCE. THE DATA ARE FROM A REPORT BY RUTH JACOBS ET AL.; "CHEMICAL CHARACTERISTICS OF SURFACE WATERS OF GREAT BASIN NATIONAL PARK;" DECEMBER 1993. THIS REPORT WAS PREPARED IN COOPERATION WITH THE NATIONAL PARK SERVICE. THE STUDY WAS DESIGNED TO COLLECT WATER QUALITY DATA FOR THE PARK TO AID IN THE PREPARATION OF A WATER QUALITY MONITORING PROGRAM TO MEET MANAGEMENT PLAN OBJECTIVES. THE SAMPLES WERE FILTERED WITH A 1.2 UM FILTER IN THE FIELD. ICP METAL VALUES WERE UPLOADED TO STORET BUT ARE CONSIDERED TO BE SUSPECT. FOR MORE INFO. CONTACT THE CHIEF OF RESOURCES AT GRBA; BAKER NV 89311 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0298

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/15/92-10/16/92	5	9.	9.	14.	5.	16.5	4.062	**	**	**	**
00064	DEPTH OF STREAM, MEAN (FT)	07/15/92-10/16/92	4	0.35	0.35	0.4	0.3	0.003	0.058	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/15/92-10/16/92	8	37.5	36.375	40.	31.	13.696	3.701	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/15/92-10/16/92	8	7.55	7.788	8.8	7.5	0.207	0.455	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/15/92-10/16/92	8	7.547	7.658	8.8	7.5	0.226	0.475	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/15/92-10/16/92	8	0.028	0.022	0.032	0.002	0.	0.012	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/15/92-10/16/92	7	32.	31.857	37.	28.	10.476	3.237	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/25/92-08/30/92	4	0.009	0.009	0.01	0.006	0.	0.002	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/25/92-08/30/92	3	0.07	0.073	0.08	0.07	0.	0.006	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/25/92-08/30/92	3	0.14	0.137	0.15	0.12	0.	0.015	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/25/92-08/30/92	3	0.018	0.015	0.02	0.007	0.	0.007	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/25/92-08/25/92	1 ##	0.023	0.023	0.023	0.023	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/25/92-08/30/92	4	0.005	0.004	0.005	0.003	0.	0.001	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/25/92-08/30/92	3	4.1	4.1	4.3	3.9	0.04	0.2	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/25/92-08/30/92	3	0.9	0.867	0.9	0.8	0.003	0.058	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/25/92-08/30/92	3	1.33	1.33	1.36	1.3	0.001	0.03	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/25/92-08/30/92	3	0.4	0.38	0.43	0.31	0.004	0.062	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/25/92-08/30/92	3	0.6	0.567	0.6	0.5	0.003	0.058	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/25/92-08/30/92	3	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

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

Parameter Inventory for Station: GRBA0298

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/25/92-08/25/92	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/25/92-08/25/92	1 ##	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/25/92-08/25/92	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/25/92-08/25/92	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/25/92-08/25/92	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	08/25/92-08/25/92	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/25/92-08/25/92	1	116.	116.	116.	116.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	08/25/92-08/25/92	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/25/92-08/25/92	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	08/25/92-08/25/92	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	08/25/92-08/25/92	1 ##	3.	3.	3.	3.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/25/92-08/25/92	1	45.	45.	45.	45.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/25/92-08/25/92	1	221.	221.	221.	221.	0.	0.	**	**	**	**
01095	ANTIMONY, DISSOLVED (UG/L AS SB)	08/25/92-08/25/92	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01100	TIN, DISSOLVED (UG/L AS SN)	08/25/92-08/25/92	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/25/92-08/25/92	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	08/25/92-08/25/92	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
50098	CALCIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/25/92-08/25/92	1	9.45	9.45	9.45	9.45	0.	0.	**	**	**	**
50104	POTASSIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/25/92-08/25/92	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
50105	MAGNESIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/25/92-08/25/92	1	2.09	2.09	2.09	2.09	0.	0.	**	**	**	**
50108	SODIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/25/92-08/25/92	1	2.83	2.83	2.83	2.83	0.	0.	**	**	**	**
50932	SULFUR, DISSOLVED AS S MG/L	08/25/92-08/25/92	1	0.904	0.904	0.904	0.904	0.	0.	**	**	**	**
50938	ANION - CATION RATIO	07/15/92-07/15/92	1	0.99	0.99	0.99	0.99	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/25/92-08/30/92	3	27.	26.333	28.	24.	4.333	2.082	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/30/92-08/30/92	1	26.	26.	26.	26.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0298

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	8	0	0.00	2	0	0.00				6	0	0.00			
		Other-Lo Lim.	6.5	8	0	0.00	2	0	0.00				6	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	3	0	0.00							3	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	3	0	0.00							3	0	0.00			
		Drinking Water	250.	3	0	0.00							3	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	3	0	0.00							3	0	0.00			
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00							1	0	0.00			
		Drinking Water	50.	1	0	0.00							1	0	0.00			
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00							1	0	0.00			
		Drinking Water	5.	1	0	0.00							1	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00							1	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00							1	0	0.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00							1	0	0.00			
		Drinking Water	15.	1	0	0.00							1	0	0.00			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	1	1.00							1	1	1.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			
01095	ANTIMONY, DISSOLVED	Fresh Acute	88.	1	0	0.00							1	0	0.00			
		Drinking Water	6.	0 &	0	0.00												

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

Station Inventory for Station: GRBA0299

NPS Station ID: GRBA0299 LAT/LON: 39.009726/-114.206588 Agency: 11NPSWRD Date Created: 07/11/98
Location: LEHMAN CREEK WEST OF GRBA BOUNDARY; E OF FENCE FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): GRBA_NPS_LEH4
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 Depth of Water: 0 Aquifer:
Major Basin: GREAT BASIN Elevation: 6560 Water Body Id:
Minor Basin: GREAT SALT LAKE ECO Region:
RF1 Index: 16020301 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 16020301119900.00 RF3 Mile Point: 1.19 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE LEHMAN CAVES NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT LEHMAN CREEK 20 METERS INSIDE OF GREAT BASIN NATIONAL PARK BOUNDARY AND IS EAST OF THE OLD FENCE. IN 1990 THIS SITE WAS IDENTIFIED AS LEHMAN 5. THE DATA ARE FROM SEVERAL YEARLY REPORTS (1990-97) BY KURT PFAFF; PHYSICAL SCIENCE TECHNICIAN FOR GRBA. A SURFACE WATER QUALITY MONITORING PROGRAM WAS INSTITUTED TO ACQUIRE THE DATA FROM THE PARK WATERS ON A SEMI-ANNUAL BASIS. DATA ARE INTEGRATED INTO THE PARK'S WATER RESOURCE MANAGEMENT PLAN IN ORDER TO PERPETUATE THE INHERENT NATURAL INTEGRITY OF ITS WATER-DEPENDENT ENVIRONMENTS. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0299

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/21/90-10/28/98	8	7.	10.088	29.	4.	66.776	8.172	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	06/08/95-10/27/95	2	27.	27.	50.	4.	1058.	32.527	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/07/91-10/28/98	9	41.	40.667	54.	30.	47.	6.856	30.	36.	43.5	54.
00406p	PH, FIELD, STANDARD UNITS SU	06/21/90-06/12/96	16	7.485	7.436	7.57	7.07	0.018	0.134	7.175	7.39	7.52	7.549
00406p	CONVERTED PH, FIELD, STANDARD UNITS	06/21/90-06/12/96	16	7.485	7.414	7.57	7.07	0.019	0.136	7.175	7.39	7.52	7.549
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/21/90-06/12/96	16	0.033	0.039	0.085	0.027	0.	0.015	0.028	0.03	0.041	0.068

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

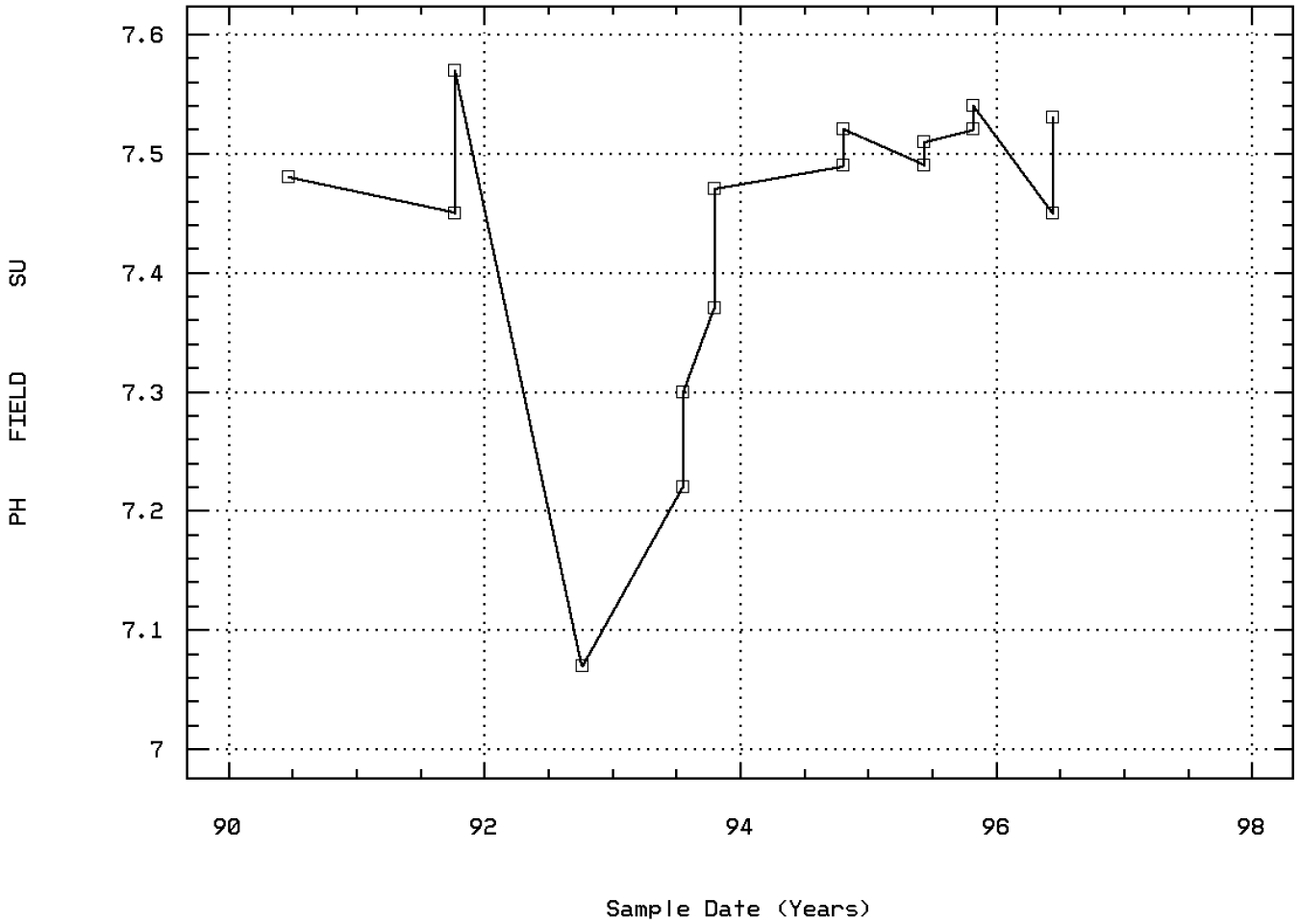
EPA Water Quality Criteria Analysis for Station: GRBA0299

				Total	Exceed	Prop.	----------9/15-4/14----------			----------4/15-6/14----------			----------6/15-9/14----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00406	PH, FIELD	Fresh Chronic	9.	16	0	0.00	9	0	0.00	4	0	0.00	3	0	0.00			
		Other-Lo Lim.	6.5	16	0	0.00	9	0	0.00	4	0	0.00	3	0	0.00			

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

Station: GRBA0299 Parameter Code: 00406

PH, FIELD, STANDARD UNITS



LEHMAN CREEK WEST OF GRBA BOUNDARY; E O

Station Inventory for Station: GRBA0300

NPS Station ID: GRBA0300
LAT/LON: 39.009726/-114.206948
Agency: 11NPSWRD
Date Created: 08/15/98
Location: LEHMAN CREEK #13
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): GRBA_USGS_LCK13
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE LEHMAN CAVES NV 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED ON LEHMAN CREEK AND IS WITHIN THE BOUNDARIES OF GREAT BASIN NATIONAL PARK. THE DATA ARE FROMA REPORT BY THE U.S. GEOLOGICAL SURVEY; "GREAT BASIN PARK SEEPAGE RUN; SEPTEMBER 1-3; 1992"; AND CAN ALSO BE FOUND IN THE 1992 ANNUAL WATER DATA OF NEVADA REPORT. THE PURPOSE OF THIS REPORT WAS TO DOCUMENT GAINING AND LOSING REACHES OF STREAMS DURING A PERIOD OF SUSTAINED LOW FLOW IN THE PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0300

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/92-09/02/92	1	10.5	10.5	10.5	10.5	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/02/92-09/02/92	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/92-09/02/92	1	163.	163.	163.	163.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: GRBA0301

NPS Station ID: GRBA0301
LAT/LON: 39.009726/-114.207226
Agency: 11NPSWRD
Date Created: 08/15/98
Location: LEHMAN CREEK #15
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): GRBA_USGS_LCK15
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE LEHMAN CAVES NV 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED ON LEHMAN CREEK AND IS WITHIN THE BOUNDARIES OF GREAT BASIN NATIONAL PARK. THE DATA ARE FROMA REPORT BY THE U.S. GEOLOGICAL SURVEY; "GREAT BASIN PARK SEEPAGE RUN; SEPTEMBER 1-3; 1992"; AND CAN ALSO BE FOUND IN THE 1992 ANNUAL WATER DATA OF NEVADA REPORT. THE PURPOSE OF THIS REPORT WAS TO DOCUMENT GAINING AND LOSING REACHES OF STREAMS DURING A PERIOD OF SUSTAINED LOW FLOW IN THE PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0301

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/92-09/02/92	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/02/92-09/02/92	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/92-09/02/92	1	36.	36.	36.	36.	0.	0.	**	**	**	**

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

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

Station Inventory for Station: GRBA0302

NPS Station ID: GRBA0302
LAT/LON: 39.009726/-114.301670
Agency: 11NPSWRD
Date Created: 08/15/98
Location: LEHMAN CREEK #3
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): GRBA_USGS_LCK3
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK NV 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED ON LEHMAN CREEK AND IS WITHIN THE BOUNDARIES OF GREAT BASIN NATIONAL PARK. THE DATA ARE FROMA REPORT BY THE U.S. GEOLOGICAL SURVEY; "GREAT BASIN PARK SEEPAGE RUN; SEPTEMBER 1-3; 1992"; AND CAN ALSO BE FOUND IN THE 1992 ANNUAL WATER DATA OF NEVADA REPORT. THE PURPOSE OF THIS REPORT WAS TO DOCUMENT GAINING AND LOSING REACHES OF STREAMS DURING A PERIOD OF SUSTAINED LOW FLOW IN THE PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0302

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/01/92-09/01/92	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/01/92-09/01/92	1	31.	31.	31.	31.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: GRBA0303

NPS Station ID: GRBA0303
LAT/LON: 39.009726/-114.301949
Agency: 11NPSWRD
Date Created: 08/15/98
Location: LEHMAN CREEK #1
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): GRBA_USGS_LCK1
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK NV 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED ON LEHMAN CREEK AND IS WITHIN THE BOUNDARIES OF GREAT BASIN NATIONAL PARK. THE DATA ARE FROMA REPORT BY THE U.S. GEOLOGICAL SURVEY; "GREAT BASIN PARK SEEPAGE RUN; SEPTEMBER 1-3; 1992"; AND CAN ALSO BE FOUND IN THE 1992 ANNUAL WATER DATA OF NEVADA REPORT. THE PURPOSE OF THIS REPORT WAS TO DOCUMENT GAINING AND LOSING REACHES OF STREAMS DURING A PERIOD OF SUSTAINED LOW FLOW IN THE PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0303

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/01/92-09/01/92	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/01/92-09/01/92	1	53.	53.	53.	53.	0.	0.	**	**	**	**

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

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

Station Inventory for Station: GRBA0304

NPS Station ID: GRBA0304
LAT/LON: 39.009726/-114.301949
Agency: 11NPSWRD
Date Created: 08/15/98
Location: LEHMAN CREEK #2
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): GRBA_USGS_LCK2
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK NV 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED ON LEHMAN CREEK AND IS WITHIN THE BOUNDARIES OF GREAT BASIN NATIONAL PARK. THE DATA ARE FROMA REPORT BY THE U.S. GEOLOGICAL SURVEY; "GREAT BASIN PARK SEEPAGE RUN; SEPTEMBER 1-3; 1992"; AND CAN ALSO BE FOUND IN THE 1992 ANNUAL WATER DATA OF NEVADA REPORT. THE PURPOSE OF THIS REPORT WAS TO DOCUMENT GAINING AND LOSING REACHES OF STREAMS DURING A PERIOD OF SUSTAINED LOW FLOW IN THE PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0304

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/01/92-09/01/92	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/01/92-09/01/92	1	28.	28.	28.	28.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: GRBA0305

NPS Station ID: GRBA0305 LAT/LON: 39.009726/-114.306920 Agency: 11NPSWRD Date Created: 11/21/98
Location: LEHMAN CREEK ABOVE WHEELER PEAK CAMPGROUND FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): GRBA_EPA_GBS7
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 Depth of Water: 0 Aquifer:
Major Basin: GREAT BASIN Elevation: 9970 Water Body Id:
Minor Basin: GREAT SALT LAKE ECO Region:
RF1 Index: 16020301 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 16020301119900.00 RF3 Mile Point: 1.19 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPO.) QUADRANGLE. THE SITE IS LOCATED AT LEHMAN CREEK ABOVE WHEELER PEAK CAMPGROUND AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM A REPORT BY RICHARD METCALF ET AL.; "CHEMISTRY OF SELECTED LAKES AND STREAMS IN GREAT BASIN NATIONAL PARK NEVADA DURING WINTER AND SPRING 1989;" SEPTEMBER 1992. THIS REPORT WAS PREPARED UNDER A COOPERATIVE AGREEMENT BETWEEN THE NPS AND THE ENVIRONMENTAL PROTECTION AGENCY IN AN EFFORT TO OBTAIN A COMPLETE CHEMICAL ANALYSIS OF THE WATERS IN GRBA. THE DATA ARE MEANT TO BE USED IN PARK RESOURCE ASSESSMENT; IN FUTURE STUDIES; AND AS A SOURCE OF BASELINE WATER QUALITY ANALYSES. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0305

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/24/89-05/24/89	1	37.	37.	37.	37.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/24/89-05/24/89	1	7.29	7.29	7.29	7.29	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/24/89-05/24/89	1	7.29	7.29	7.29	7.29	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/24/89-05/24/89	1	0.051	0.051	0.051	0.051	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/24/89-05/24/89	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	05/24/89-05/24/89	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	05/24/89-05/24/89	1	3.8	3.8	3.8	3.8	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/24/89-05/24/89	1	4.9	4.9	4.9	4.9	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/24/89-05/24/89	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/24/89-05/24/89	1	1.32	1.32	1.32	1.32	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/24/89-05/24/89	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/24/89-05/24/89	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/24/89-05/24/89	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	05/24/89-05/24/89	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	05/24/89-05/24/89	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	05/24/89-05/24/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	05/24/89-05/24/89	1 ##	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/24/89-05/24/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	05/24/89-05/24/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

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

Parameter Inventory for Station: GRBA0305

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01040	COPPER, DISSOLVED (UG/L AS CU)	05/24/89-05/24/89	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	05/24/89-05/24/89	1	54.	54.	54.	54.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	05/24/89-05/24/89	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/24/89-05/24/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01057	THALLIUM, DISSOLVED (UG/L AS TL)	05/24/89-05/24/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	05/24/89-05/24/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	05/24/89-05/24/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	05/24/89-05/24/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	05/24/89-05/24/89	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01095	ANTIMONY, DISSOLVED (UG/L AS SB)	05/24/89-05/24/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	05/24/89-05/24/89	1	164.	164.	164.	164.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	05/24/89-05/24/89	1 ##	3.5	3.5	3.5	3.5	0.	0.	**	**	**	**
72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/24/89-05/24/89	1	9970.	9970.	9970.	9970.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0305

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00				1	0	0.00						
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00				1	0	0.00						
		Drinking Water	250.	1	0	0.00				1	0	0.00						
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00				1	0	0.00						
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00				1	0	0.00						
		Drinking Water	50.	1	0	0.00				1	0	0.00						
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00				1	0	0.00						
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	1	0	0.00				1	0	0.00						
		Drinking Water	4.	1	0	0.00				1	0	0.00						
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00				1	0	0.00						
		Drinking Water	5.	1	0	0.00				1	0	0.00						
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00				1	0	0.00						
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00				1	0	0.00						
		Drinking Water	1300.	1	0	0.00				1	0	0.00						
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00				1	0	0.00						
		Drinking Water	15.	1	0	0.00				1	0	0.00						
01057	THALLIUM, DISSOLVED	Fresh Acute	1400.	1	0	0.00				1	0	0.00						
		Drinking Water	2.	1	0	0.00				1	0	0.00						
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00				1	0	0.00						
		Drinking Water	100.	1	0	0.00				1	0	0.00						
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00				1	0	0.00						
		Drinking Water	100.	1	0	0.00				1	0	0.00						
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00				1	0	0.00						
		Drinking Water	5000.	1	0	0.00				1	0	0.00						
01095	ANTIMONY, DISSOLVED	Fresh Acute	88.	1	0	0.00				1	0	0.00						
		Drinking Water	6.	1	0	0.00				1	0	0.00						
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00				1	0	0.00						
		Drinking Water	50.	1	0	0.00				1	0	0.00						

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

Station Inventory for Station: GRBA0306

NPS Station ID: GRBA0306 LAT/LON: 39.009948/-114.300226 Agency: 11NPSWRD Date Created: 11/21/98
Location: LEHMAN CREEK BELOW WHEELER PEAK CAMPGROUND FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): GRBA_EPA_GBW5
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 Depth of Water: 0 Aquifer:
Major Basin: GREAT BASIN Elevation: 9820 Water Body Id:
Minor Basin: GREAT SALT LAKE ECO Region:
RF1 Index: 16020301 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 16020301119900.00 RF3 Mile Point: 1.19 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT LEHMAN CREEK BELOW WHEELER PEAK CAMPGROUND AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM A REPORT BY RICHARD METCALF ET AL.; "CHEMISTRY OF SELECTED LAKES AND STREAMS IN GREAT BASIN NATIONAL PARK NEVADA DURING WINTER AND SPRING 1989;" SEPT.; 1992. THIS REPORT WAS PREPARED UNDER A COOPERATIVE AGREEMENT BETWEEN THE NPS AND THE ENVIRONMENTAL PROTECTION AGENCY IN AN EFFORT TO OBTAINA COMPLETE CHEMICAL ANALYSIS OF THE WATERS IN GRBA. THE DATA ARE MEANT TO BE USED IN PARK RESOURCE ASSESSMENT; IN FUTURE STUDIES; AND AS A SOURCE OF BASELINE WATER QUALITY ANALYSES. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0306

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/03/89-03/03/89	1	38.	38.	38.	38.	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	03/03/89-03/03/89	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	03/03/89-03/03/89	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/03/89-03/03/89	1	4.8	4.8	4.8	4.8	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/03/89-03/03/89	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/03/89-03/03/89	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/03/89-03/03/89	1	0.49	0.49	0.49	0.49	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	03/03/89-03/03/89	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	03/03/89-03/03/89	1	27.	27.	27.	27.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	03/03/89-03/03/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	03/03/89-03/03/89	1 ##	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	03/03/89-03/03/89	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	03/03/89-03/03/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	03/03/89-03/03/89	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	03/03/89-03/03/89	1 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	03/03/89-03/03/89	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/03/89-03/03/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01057	THALLIUM, DISSOLVED (UG/L AS TL)	03/03/89-03/03/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	03/03/89-03/03/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

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

Parameter Inventory for Station: GRBA0306

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01075	SILVER, DISSOLVED (UG/L AS AG)	03/03/89-03/03/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	03/03/89-03/03/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	03/03/89-03/03/89	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01095	ANTIMONY, DISSOLVED (UG/L AS SB)	03/03/89-03/03/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	03/03/89-03/03/89	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	03/03/89-03/03/89	1 ##	3.5	3.5	3.5	3.5	0.	0.	**	**	**	**
72009	ELEVATION OF LAND SURFACE IN FEET (BM)	03/03/89-03/03/89	1	9820.	9820.	9820.	9820.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0306

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00	1	0	0.00									
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	1	0	0.00	1	0	0.00									
		Drinking Water	4.	1	0	0.00	1	0	0.00									
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00	1	0	0.00									
		Drinking Water	5.	1	0	0.00	1	0	0.00									
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00	1	0	0.00									
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00	1	0	0.00									
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00	1	0	0.00									
		Drinking Water	15.	1	0	0.00	1	0	0.00									
01057	THALLIUM, DISSOLVED	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	2.	1	0	0.00	1	0	0.00									
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00	1	0	0.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
01095	ANTIMONY, DISSOLVED	Fresh Acute	88.	1	0	0.00	1	0	0.00									
		Drinking Water	6.	1	0	0.00	1	0	0.00									
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: GRBA0307

NPS Station ID: GRBA0307
LAT/LON: 39.010003/-114.036003
Agency: 11NPSWRD
Date Created: 05/30/98
Location: EYDH068
FIPS State/County: 49027 UTAH/MILLARD
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): GRBA_NURE_177 /7055090
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE BAKER; NV-UT 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A SPRING OUTSIDE THE GREAT BASIN NATIONAL PARK BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.45 MICRON FILTER AND ACIDIFIED TO A PH OF ONE WITH NITRIC ACID AT THE SITE. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "SRL" FIELD ENTRY (SAVANNAH RIVER LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE SAVANNAH RIVER LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525. TEL. (970) 225-3516.

Parameter Inventory for Station: GRBA0307

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/12/80-07/12/80	1	0.41	0.41	0.41	0.41	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/12/80-07/12/80	1	4.5	4.5	4.5	4.5	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/12/80-07/12/80	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/12/80-07/12/80	1	1.16	1.16	1.16	1.16	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/12/80-07/12/80	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	07/12/80-07/12/80	1	514.	514.	514.	514.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/12/80-07/12/80	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/12/80-07/12/80	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/12/80-07/12/80	1	11.	11.	11.	11.	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	07/12/80-07/12/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	07/12/80-07/12/80	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/12/80-07/12/80	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	07/12/80-07/12/80	1	13.	13.	13.	13.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/12/80-07/12/80	1	226.	226.	226.	226.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/12/80-07/12/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	07/12/80-07/12/80	1	7.	7.	7.	7.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	07/12/80-07/12/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/12/80-07/12/80	1	259.	259.	259.	259.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	07/12/80-07/12/80	1	22.	22.	22.	22.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: GRBA0307

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/12/80-07/12/80	1	35.	35.	35.	35.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/12/80-07/12/80	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01110	CERIUM, DISSOLVED (UG/L AS CE)	07/12/80-07/12/80	1	42.	42.	42.	42.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/12/80-07/12/80	1	22.	22.	22.	22.	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/12/80-07/12/80	1	1371.	1371.	1371.	1371.	0.	0.	**	**	**	**
01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/12/80-07/12/80	1	24.	24.	24.	24.	0.	0.	**	**	**	**
01180	LANTHANUM, DISSOLVED (UG/L AS LA)	07/12/80-07/12/80	1	21.	21.	21.	21.	0.	0.	**	**	**	**
01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/12/80-07/12/80	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/12/80-07/12/80	1	8.	8.	8.	8.	0.	0.	**	**	**	**
50576	HAFNIUM, DISSOLVED UG/L	07/12/80-07/12/80	1 ##	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
50580	NIOBIUM, DISSOLVED UG/L	07/12/80-07/12/80	1	10.	10.	10.	10.	0.	0.	**	**	**	**
82365	THORIUM, DISSOLVED IN WATER UG/L	07/12/80-07/12/80	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: GRBA0307

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	1	0	0.00							1	0	0.00			
		Drinking Water	4.	1	0	0.00							1	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00							1	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00							1	0	0.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00							1	0	0.00			
		Drinking Water	15.	1	0	0.00							1	0	0.00			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: GRBA0308

NPS Station ID: GRBA0308
LAT/LON: 39.010003/-114.122226
Agency: 11NPSWRD
Date Created: 08/15/98
Location: LEHMAN CREEK #23
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): GRBA_USGS_LCK23
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE BAKER NV 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED ON LEHMAN CREEK AND IS OUTSIDE THE BOUNDARIES OF GREAT BASIN NATIONAL PARK. THE DATA ARE FROM A REPORT BY THE U.S. GEOLOGICAL SURVEY; "GREAT BASIN PARK SEEPAGE RUN; SEPTEMBER 1-3; 1992"; AND CAN ALSO BE FOUND IN THE 1992 ANNUAL WATER DATA OF NEVADA REPORT. THE PURPOSE OF THIS REPORT WAS TO DOCUMENT GAINING AND LOSING REACHES OF STREAMS DURING A PERIOD OF SUSTAINED LOW FLOW IN THE PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0308

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/92-09/02/92	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/02/92-09/02/92	1	3.	3.	3.	3.	0.	0.	**	**	**	**

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

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

Station Inventory for Station: GRBA0309

NPS Station ID: GRBA0309
LAT/LON: 39.010003/-114.183337
Agency: 11NPSWRD
Date Created: 08/15/98
Location: LEHMAN CREEK #16
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): GRBA_USGS_LCK16
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE LEHMAN CAVES NV 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED ON LEHMAN CREEK AND IS OUTSIDE THE BOUNDARIES OF GREAT BASIN NATIONAL PARK. THE DATA ARE FROM A REPORT BY THE U.S. GEOLOGICAL SURVEY; "GREAT BASIN PARK SEEPAGE RUN; SEPTEMBER 1-3; 1992"; AND CAN ALSO BE FOUND IN THE 1992 ANNUAL WATER DATA OF NEVADA REPORT. THE PURPOSE OF THIS REPORT WAS TO DOCUMENT GAINING AND LOSING REACHES OF STREAMS DURING A PERIOD OF SUSTAINED LOW FLOW IN THE PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0309

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/92-09/02/92	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/02/92-09/02/92	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/92-09/02/92	1	88.	88.	88.	88.	0.	0.	**	**	**	**

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

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

Station Inventory for Station: GRBA0310

NPS Station ID: GRBA0310
LAT/LON: 39.010087/-114.208116
Agency: 11NPSWRD
Date Created: 03/06/99
Location: LEHMAN CREEK 3
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): GRBA_ACHEM_LC3
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 2225
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPO.) QUADRANGLE. THE SITE IS LOCATED AT LEHMAN CREEK; EAST OF LEHMAN CAVES NATIONAL MONUMENT; AND IS WITHIN THE BOUNDARIES OF GREAT BASIN NATIONAL PARK. THE DATA ARE FROM A MASTER'S THESIS PREPARED BY STEPHEN ACHAEMPONG; "ISOTOPE HYDROLOGY OF LEHMAN AND BAKER CREEKS DRAINAGES; GREAT BASIN NATIONAL PARK; NEVADA." THIS THESIS WAS SUBMITTED TO THE DEPARTMENT OF GEOSCIENCE; UNIVERSITY OF NEVADA; LAS VEGAS IN AUGUST OF 1992. THE DATA WERE COLLECTED IN ORDER TO UNDERSTAND THE RECHARGE AND MIXING MECHANISMS OF WATER RESOURCES IN THE PARK USING ENVIRONMENTALLY STABLE ISOTOPES OF DEUTERIUM AND OXYGEN-18. DATES WERE ESTIMATED AS RAW DATA WERE UNAVAILABLE. FOR MORE INFORMATION ON THE PARK CONTACT THE CHIEF OF RESOURCES AT GRBA; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NPS WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0310

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/15/90-09/15/91	8	6.5	6.188	10.	0.	8.71	2.951	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/15/90-09/15/91	8	22.	21.875	27.	18.	8.982	2.997	**	**	**	**
82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	08/15/90-09/15/91	9	-109.	-109.444	-105.	-114.	8.278	2.877	-105.	-107.	-112.	-114.
82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	08/15/90-09/15/91	9	-15.	-15.222	-15.	-16.	0.194	0.441	-15.	-15.	-15.5	-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

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

Station Inventory for Station: GRBA0311

NPS Station ID: GRBA0311
LAT/LON: 39.010226/-114.220448
Agency: 11NPSWRD
Date Created: 03/06/99
Location: CAVE SPRINGS CREEK
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): GRBA_ACHEM_CSC
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 2158
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPO.) QUAD. THE SITE IS LOCATED AT A TRIBUTARY SOUTH OF LEHMAN CREEK THAT RUNS INTO CAVE SPRINGS AND IS WITHIN THE BOUNDARIES OF GREAT BASIN NATIONAL PARK. THE DATA ARE FROM A MASTER'S THESIS PREPARED BY STEPHEN ACHAEMPONG; "ISOTOPE HYDROLOGY OF LEHMAN AND BAKER CREEKS DRAINAGES; GREAT BASIN NATIONAL PARK; NEVADA." THIS THESIS WAS SUBMITTED TO THE DEPARTMENT OF GEOSCIENCE; UNIVERSITY OF NEVADA; LAS VEGAS IN AUGUST OF 1992. THE DATA WERE COLLECTED IN ORDER TO UNDERSTAND THE RECHARGE AND MIXING MECHANISMS OF WATER RESOURCES IN THE PARK USING ENVIRONMENTALLY STABLE ISOTOPES OF DEUTERIUM AND OXYGEN-18. DATES WERE ESTIMATED AS RAW DATA WERE UNAVAILABLE. FOR MORE INFORMATION ON THE PARK CONTACT THE CHIEF OF RESOURCES AT GRBA; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NPS WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0311

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/15/90-09/15/91	8	10.5	9.6	15.8	1.	19.337	4.397	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/15/90-09/15/91	8	95.	89.25	109.	60.	297.071	17.236	**	**	**	**
82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	08/15/90-09/15/91	9	-116.	-115.889	-110.	-119.	8.111	2.848	-110.	-114.5	-118.5	-119.
82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	08/15/90-09/15/91	9	-16.	-15.778	-15.	-16.	0.194	0.441	-15.	-15.5	-16.	-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

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

Station Inventory for Station: GRBA0312

NPS Station ID: GRBA0312 LAT/LON: 39.010281/-114.224671 Agency: 11NPSWRD Date Created: 10/03/98
Location: WATER FROM CAVE SPRINGS PRIOR TO TREATMENT FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/MUN/OUTFL/AMBNT/SPRING/SUPPLY STORET Station ID(s): GRBA_NPS_CSPGS
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 Depth of Water: 0 Aquifer:
Major Basin: GREAT BASIN Elevation: 0 Water Body Id:
Minor Basin: GREAT SALT LAKE ECO Region:
RF1 Index: 16020301 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 16020301119900.00 RF3 Mile Point: 1.19 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE LEHMAN CAVES NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT THE CHLORINATION FACILITY INSIDE GREAT BASIN NATIONAL PARK (GRBA). THE WATER ORIGINATES FROM A GROUP OF FOUR SPRINGS; COLLECTIVELY REFERRED TO AS CAVE SPRINGS; LOCATED NORTHWEST OF THE CHLORINATION FACILITY AND CONNECTED TO IT BY A TRANSMISSION PIPE. THE WATER FLOWS OUT OF THIS PIPE AND IS THEN CHLORINATED PRIOR TO ENTERING THE TWO 50000 GALLON ABOVE-GROUND STEEL STORAGE TANKS. THIS IS THE WATER SOURCE FOR THE VISITOR CENTER; PICNIC AREA; MAINTENANCE FACILITIES; AND PARK RESIDENCES AT GRBA. SAMPLING WAS DONE PRIOR TO CHLORINATION AS PART OF REGULAR MAINTENANCE OF THE WATER SUPPLY. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GRBA; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0312

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/01/95-08/28/95	27	18.	18.074	23.	16.	2.764	1.662	16.	17.	20.	20.
00058	FLOW, RATE GALLONS/MIN	08/01/95-08/27/95	23	46.1	46.222	48.1	44.8	0.769	0.877	45.12	45.5	46.8	47.52
00406	PH, FIELD, STANDARD UNITS SU	08/01/95-08/28/95	28	6.5	6.507	6.6	6.4	0.004	0.06	6.4	6.5	6.5	6.6
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/01/95-08/28/95	28	6.5	6.503	6.6	6.4	0.004	0.061	6.4	6.5	6.5	6.6
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/01/95-08/28/95	28	0.316	0.314	0.398	0.251	0.002	0.044	0.251	0.316	0.316	0.398
82078	TURBIDITY,FIELD NEPHELOMETRIC TURBIDITY UNITS,NTU	08/01/95-08/28/95	28	0.6	0.571	1.1	0.4	0.021	0.146	0.4	0.5	0.6	0.71

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

EPA Water Quality Criteria Analysis for Station: GRBA0312

				Total	Exceed	Prop.	----------9/15-4/14----------			----------4/15-6/14----------			----------6/15-9/14----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00406	PH, FIELD	Fresh Chronic	9.	28	0	0.00							28	0	0.00			
		Other-Lo Lim.	6.5	28	22	0.79							28	22	0.79			
82078	TURBIDITY, FIELD	Other-Hi Lim.	50.	28	0	0.00							28	0	0.00			

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

Station Inventory for Station: GRBA0313

NPS Station ID: GRBA0313 LAT/LON: 39.010281/-114.224671 Agency: 11NPSWRD Date Created: 02/27/99
Location: WATER FROM CAVE SPRINGS PRIOR TO TREATMENT FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING STORET Station ID(s): GRBA_NVSHL_CAVE
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 Depth of Water: 0 Aquifer:
Major Basin: GREAT BASIN Elevation: 0 Water Body Id:
Minor Basin: GREAT SALT LAKE ECO Region:
RF1 Index: 16020301 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 16020301119900.00 RF3 Mile Point: 1.19 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE LEHMAN CAVES NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT THE CHLORINATION FACILITY INSIDE GREAT BASIN NATIONAL PARK (GRBA). THE WATER ORIGINATES FROM A GROUP OF FOUR SPRINGS; COLLECTIVELY REFERRED TO AS CAVE SPRINGS; LOCATED NORTHWEST OF THE CHLORINATION FACILITY AND CONNECTED TO IT BY A TRANSMISSION PIPE. THE WATER FLOWS OUT OF THIS PIPE AND IS THEN CHLORINATED PRIOR TO ENTERING THE TWO 50000 GALLON ABOVE-GROUND STEEL STORAGE TANKS. THIS IS THE WATER SOURCE FOR THE VISITOR CENTER; PICNIC AREA; MAINTENANCE FACILITIES; AND PARK RESIDENCES AT GRBA. NEVADA STATE HEALTH LABORATORY SAMPLED PRIOR TO CHLORINATION TO DETERMINE IF THE DOMESTIC DRINKING WATER SUPPLY MET WITH SAFE DRINKING WATER ACT COMPLIANCE. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0313

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00080	COLOR (PLATINUM-COBALT UNITS)	07/22/87-07/22/87	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/22/87-07/22/87	1	132.	132.	132.	132.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/22/87-07/22/87	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/22/87-07/22/87	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/22/87-07/22/87	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/22/87-07/22/87	1	46.	46.	46.	46.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	07/22/87-07/22/87	1	56.	56.	56.	56.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	07/22/87-07/22/87	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/22/87-07/22/87	1	2.7	2.7	2.7	2.7	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/22/87-07/22/87	1	45.	45.	45.	45.	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	07/22/87-07/22/87	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/22/87-07/22/87	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	07/22/87-07/22/87	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	07/22/87-07/22/87	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/22/87-07/22/87	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/22/87-07/22/87	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	07/22/87-07/22/87	1	0.11	0.11	0.11	0.11	0.	0.	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	07/22/87-07/22/87	1	16.	16.	16.	16.	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	07/22/87-07/22/87	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

Parameter Inventory for Station: GRBA0313

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01007	BARIUM, TOTAL (UG/L AS BA)	07/22/87-07/22/87	1	370.	370.	370.	370.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	07/22/87-07/22/87	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/22/87-07/22/87	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	07/22/87-07/22/87	1	180.	180.	180.	180.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	07/22/87-07/22/87	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	07/22/87-07/22/87	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	07/22/87-07/22/87	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	07/22/87-07/22/87	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	07/22/87-07/22/87	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	07/22/87-07/22/87	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	07/22/87-07/22/87	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/22/87-07/22/87	1	78.	78.	78.	78.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	07/22/87-07/22/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	07/22/87-07/22/87	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: GRBA0313

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00							1	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00							1	0	0.00			
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	1	0	0.00							1	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00							1	0	0.00			
		Drinking Water	50.	1	0	0.00							1	0	0.00			
01007	BARIUM, TOTAL	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	1	0	0.00							1	0	0.00			
		Drinking Water	5.	1	0	0.00							1	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00							1	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	1	1	1.00							1	1	1.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00							1	0	0.00			
		Drinking Water	15.	1	0	0.00							1	0	0.00			
01077	SILVER, TOTAL	Fresh Acute	4.1	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	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			
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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0314

NPS Station ID: GRBA0314 LAT/LON: 39.010281/-114.224671 Agency: 11NPSWRD Date Created: 03/13/99
Location: WATER FROM CAVE SPRINGS PRIOR TO TREATMENT FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING STORET Station ID(s): GRBA_ACE_CS1
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 Depth of Water: 0 Aquifer:
Major Basin: GREAT BASIN Elevation: 0 Water Body Id:
Minor Basin: GREAT SALT LAKE ECO Region:
RF1 Index: 16020301 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 16020301119900.00 RF3 Mile Point: 1.19 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE LEHMAN CAVES NV 7.5 MINUTE SERIES (TOPO.) QUAD. THE SITE IS LOCATED AT THE CHLORINATION FACILITY INSIDE GREAT BASIN NATIONAL PARK. THE WATER ORIGINATES FROM A GROUP OF FOUR SPRINGS COLLECTIVELY REFERRED TO AS CAVE SPRINGS. DATA ARE REPORTED IN THE "GREAT BASIN NATIONAL PARK FEASIBILITY STUDY FOR WATER AND WASTEWATER SERVICE;" SEPT. 1991. THIS STUDY WAS CONDUCTED BY THE NPS USING DATA COLLECTED BY SEVERAL DIFFERENT AGENCIES. DATA FOR THIS STATION WERE COLLECTED BY ACE PACIFIC COMPANY. THE PURPOSE OF THE STUDY WAS TO "DEVELOP AND EVALUATE WATER SUPPLY AND TREATMENT ALTERNATIVES...FOR THE GREAT BASIN NATIONAL PARK AND NEARBY EXISTING AND FUTURE POPULATION CENTERS." FOR INFORMATION ON THE PARK CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DR. SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0314

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	PH (STANDARD UNITS)	06/30/89-06/30/89	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/30/89-06/30/89	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/30/89-06/30/89	1	0.063	0.063	0.063	0.063	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/30/89-06/30/89	1	57.	57.	57.	57.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/30/89-06/30/89	1	50.	50.	50.	50.	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	06/30/89-06/30/89	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	06/30/89-06/30/89	1	3.9	3.9	3.9	3.9	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	06/30/89-06/30/89	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/30/89-06/30/89	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	06/30/89-06/30/89	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	06/30/89-06/30/89	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	06/30/89-06/30/89	1	46.	46.	46.	46.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	06/30/89-06/30/89	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	06/30/89-06/30/89	1	35.	35.	35.	35.	0.	0.	**	**	**	**
04208	ANIONS, SUM, TOTAL, WATER MEQ/L	06/30/89-06/30/89	1	0.24	0.24	0.24	0.24	0.	0.	**	**	**	**
04226	CATIONS, SUM, TOTAL, WATER MEQ/L	06/30/89-06/30/89	1	1.45	1.45	1.45	1.45	0.	0.	**	**	**	**
50938	ANION - CATION RATIO	06/30/89-06/30/89	1	6.	6.	6.	6.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/30/89-06/30/89	1	57.	57.	57.	57.	0.	0.	**	**	**	**
70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	06/30/89-06/30/89	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: GRBA0314

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	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			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	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			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: GRBA0315

NPS Station ID: GRBA0315 LAT/LON: 39.010281/-114.224671 Agency: 11NPSWRD Date Created: 03/13/99
Location: WATER FROM CAVE SPRINGS PRIOR TO TREATMENT FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING STORET Station ID(s): GRBA_AGK_CS1
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 Depth of Water: 0 Aquifer:
Major Basin: GREAT BASIN Elevation: 0 Water Body Id:
Minor Basin: GREAT SALT LAKE ECO Region:
RF1 Index: 16020301 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 16020301119900.00 RF3 Mile Point: 1.19 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE LEHMAN CAVES NV 7.5 MINUTE SERIES (TOPO.) QUAD. THE SITE IS LOCATED AT THE CHLORINATION FACILITY INSIDE GREAT BASIN NATIONAL PARK. THE WATER ORIGINATES FROM A GROUP OF FOUR SPRINGS COLLECTIVELY REFERRED TO AS CAVE SPRINGS. DATA ARE REPORTED IN THE "GREAT BASIN NATIONAL PARK FEASIBILITY STUDY FOR WATER AND WASTEWATER SERVICE;" SEPT. 1991. THIS STUDY WAS CONDUCTED BY THE NPS USING DATA COLLECTED BY SEVERAL DIFFERENT AGENCIES. DATA FOR THIS STATION WERE COLLECTED BY AGK ENGINEERS. THE PURPOSE OF THE STUDY WAS TO "DEVELOP AND EVALUATE WATER SUPPLY AND TREATMENT ALTERNATIVES...FOR THE GREAT BASIN NATIONAL PARK AND NEARBY EXISTING AND FUTURE POPULATION CENTERS." FOR INFORMATION ON THE PARK CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DR. SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0315

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/03/90-11/30/90	216	13.5	12.972	20.	1.	8.436	2.905	9.7	11.	15.	16.
00400	PH (STANDARD UNITS)	01/03/90-11/30/90	217	6.7	6.337	7.9	3.7	0.802	0.896	4.7	6.4	6.8	7.
00400	CONVERTED PH (STANDARD UNITS)	01/03/90-11/30/90	217	6.7	5.153	7.9	3.7	2.21	1.487	4.7	6.4	6.8	7.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/03/90-11/30/90	217	0.2	7.023	199.526	0.013	518.777	22.777	0.1	0.158	0.398	19.953
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	01/09/90-11/03/90	24	14.	15.667	68.	0.	195.71	13.99	1.5	7.	19.5	30.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	01/09/90-11/03/90	24	1.146	1.029	1.833	0.	0.195	0.442	0.151	0.845	1.29	1.476
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			10.696								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	01/09/90-10/29/90	5	2.	6.8	16.	0.	71.2	8.438	**	**	**	**
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	01/09/90-10/29/90	5	0.301	0.542	1.204	0.	0.381	0.617	**	**	**	**
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			3.482								
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	01/03/90-11/30/90	216	0.4	0.526	2.6	0.2	0.12	0.347	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: GRBA0315

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	217	0	0.00	120	0	0.00	41	0	0.00	56	0	0.00			
		Other-Lo Lim.	6.5	217	71	0.33	120	60	0.50	41	2	0.05	56	9	0.16			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	24	0	0.00	12	0	0.00	4	0	0.00	8	0	0.00			
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	5	0	0.00	4	0	0.00				1	0	0.00			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	216	0	0.00	120	0	0.00	41	0	0.00	55	0	0.00			

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

Station Inventory for Station: GRBA0316

NPS Station ID: GRBA0316 LAT/LON: 39.010281/-114.224671 Agency: 11NPSWRD Date Created: 03/13/99
Location: WATER FROM CAVE SPRINGS PRIOR TO TREATMENT FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING STORET Station ID(s): GRBA_PHS_CS1
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 Depth of Water: 0 Aquifer:
Major Basin: GREAT BASIN Elevation: 0 Water Body Id:
Minor Basin: GREAT SALT LAKE ECO Region:
RF1 Index: 16020301 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 16020301119900.00 RF3 Mile Point: 1.19 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE LEHMAN CAVES NV 7.5 MINUTE SERIES (TOPO.) QUAD. THE SITE IS LOCATED AT THE CHLORINATION FACILITY INSIDE GREAT BASIN NATIONAL PARK. THE WATER ORIGINATES FROM A GROUP OF FOUR SPRINGS COLLECTIVELY REFERRED TO AS CAVE SPRINGS. DATA ARE REPORTED IN THE "GREAT BASIN NATIONAL PARK FEASIBILITY STUDY FOR WATER AND WASTEWATER SERVICE;" SEPT. 1991. THIS STUDY WAS CONDUCTED BY THE NPS USING DATA COLLECTED BY SEVERAL DIFFERENT AGENCIES. DATA FOR THIS STATION WERE COLLECTED BY THE PUBLIC HEALTH SERVICE. THE PURPOSE OF THE STUDY WAS TO "DEVELOP AND EVALUATE WATER SUPPLY AND TREATMENT ALTERNATIVES...FOR THE GREAT BASIN NATIONAL PARK AND NEARBY EXISTING AND FUTURE POPULATION CENTERS." FOR INFORMATION ON THE PARK CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DR. SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0316

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/09/86-06/09/86	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	06/09/86-06/09/86	1	22.	22.	22.	22.	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	06/09/86-06/09/86	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/09/86-06/09/86	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	06/09/86-06/09/86	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	06/09/86-06/09/86	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	06/09/86-06/09/86	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	06/09/86-06/09/86	1 ##	250.	250.	250.	250.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	06/09/86-06/09/86	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	06/09/86-06/09/86	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	06/09/86-06/09/86	1	100.	100.	100.	100.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	06/09/86-06/09/86	1	100.	100.	100.	100.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	06/09/86-06/09/86	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	06/09/86-06/09/86	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	06/09/86-06/09/86	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	06/09/86-06/09/86	1	100.	100.	100.	100.	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	06/09/86-06/09/86	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
04208	ANIONS, SUM, TOTAL, WATER MEQ/L	06/09/86-06/09/86	1	0.37	0.37	0.37	0.37	0.	0.	**	**	**	**
04226	CATIONS, SUM, TOTAL, WATER MEQ/L	06/09/86-06/09/86	1	1.32	1.32	1.32	1.32	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: GRBA0316

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
50938	ANION - CATION RATIO	06/09/86-06/09/86	1	3.54	3.54	3.54	3.54	0.	0.	**	**	**	**
70312	STABILITY INDEX FOR SCALE & CORROSION CONTROL	06/09/86-06/09/86	1	0.	0.	0.	0.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	06/09/86-06/09/86	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: GRBA0316

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00				1	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00				1	0	0.00						
		Drinking Water	250.	1	0	0.00				1	0	0.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00				1	0	0.00						
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	1	0	0.00				1	0	0.00						
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00				1	0	0.00						
		Drinking Water	50.	1	0	0.00				1	0	0.00						
01007	BARIUM, TOTAL	Drinking Water	2000.	1	0	0.00				1	0	0.00						
01027	CADMIUM, TOTAL	Fresh Acute	3.9	1	0	0.00				1	0	0.00						
		Drinking Water	5.	1	0	0.00				1	0	0.00						
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00				1	0	0.00						
01042	COPPER, TOTAL	Fresh Acute	18.	1	1	1.00				1	1	1.00						
		Drinking Water	1300.	1	0	0.00				1	0	0.00						
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00				1	0	0.00						
		Drinking Water	15.	1	1	1.00				1	1	1.00						
01077	SILVER, TOTAL	Fresh Acute	4.1	0 &	0	0.00												
		Drinking Water	100.	1	0	0.00				1	0	0.00						
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00				1	0	0.00						
		Drinking Water	5000.	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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0317

NPS Station ID: GRBA0317 LAT/LON: 39.010532/-114.198809 Agency: 11NPSWRD Date Created: 12/19/98
Location: ROWLAND SPRING BELOW PARK VIEW ESTATES FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING STORET Station ID(s): GRBA_MAINT_5
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 16020301 Depth of Water: 0 Aquifer:
Major Basin: GREAT BASIN Elevation: 0 Water Body Id:
Minor Basin: GREAT SALT LAKE ECO Region:
RF1 Index: 16020301 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 16020301119900.00 RF3 Mile Point: 1.19 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE LEHMAN CAVES NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT ROWLAND SPRING BELOW THE PARKVIEW ESTATES RESIDENTIAL AREA. THIS SITE IS OUTSIDE THE GREAT BASIN NATIONAL PARK BOUNDARY. DATA WERE COLLECTED AS PART OF THE PARK'S SURFACE WATER QUALITY MONITORING PROGRAM AND ARE AVAILABLE THROUGH THE MAINTENANCE DIVISION. FOR 1991-1997; SAMPLING DATES WERE ESTIMATED TO BE THE 15TH OF EACH MONTH. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0317

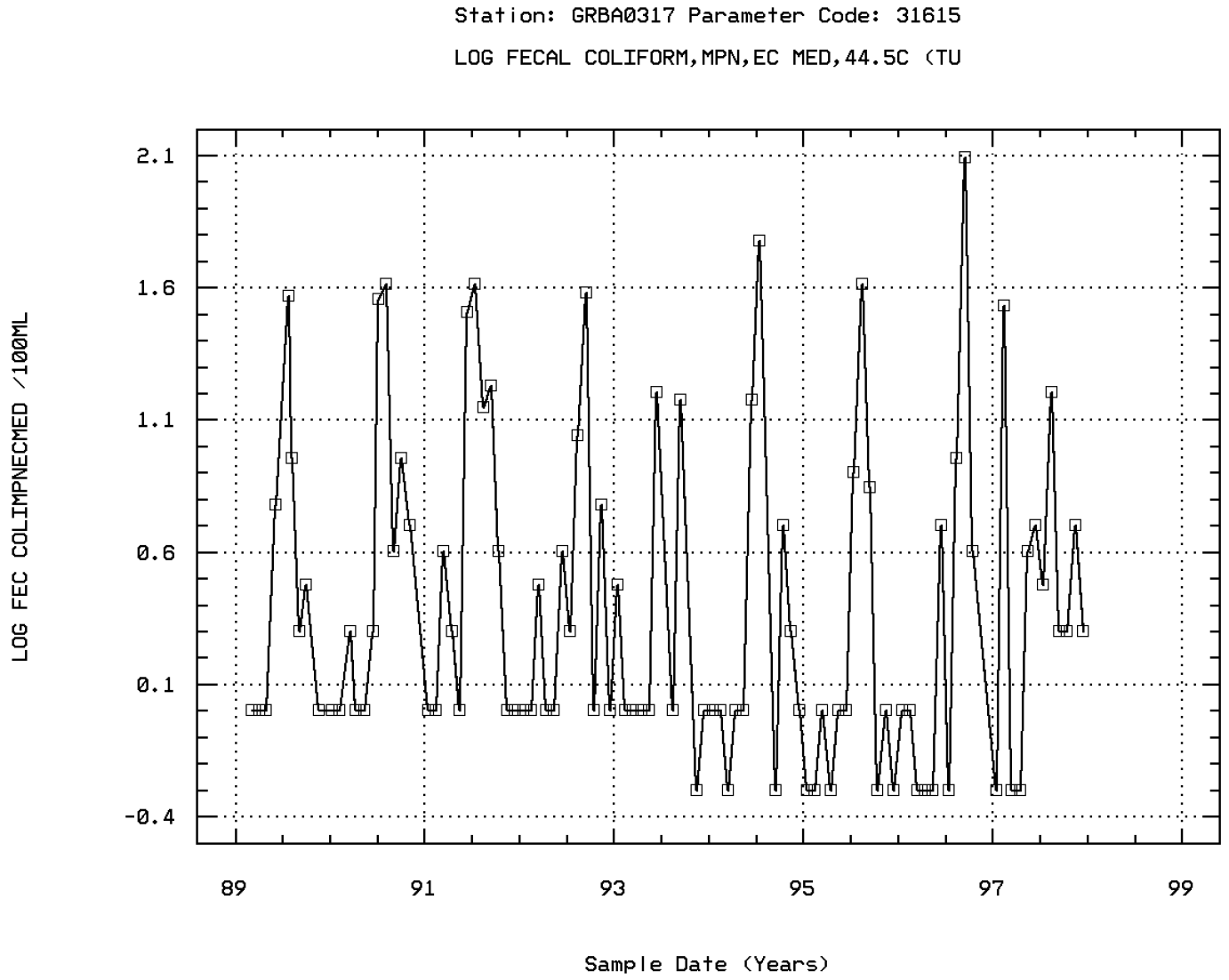
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/07/89-12/15/97	102	1.5	7.603	124.	0.	267.541	16.357	0.	0.5	6.25	27.5
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/07/89-12/15/97	102	0.151	0.402	2.093	-0.301	0.362	0.602	0.	-0.301	0.795	1.423
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.524								
31672p	FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C48	03/07/89-12/15/97	101	10.	20.183	100.	0.	489.359	22.121	1.	3.	34.	53.8
31672p	LOG FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35	03/07/89-12/15/97	101	1.	0.956	2.	-0.301	0.406	0.637	0.	0.477	1.531	1.731
31672p	GM FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C	GEOMETRIC MEAN =			9.046								
61206	E.COLI, WATER, MMO-MUG, MPN MPN/100ML	11/15/96-12/15/96	2	52.5	52.5	95.	10.	3612.5	60.104	**	**	**	**

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

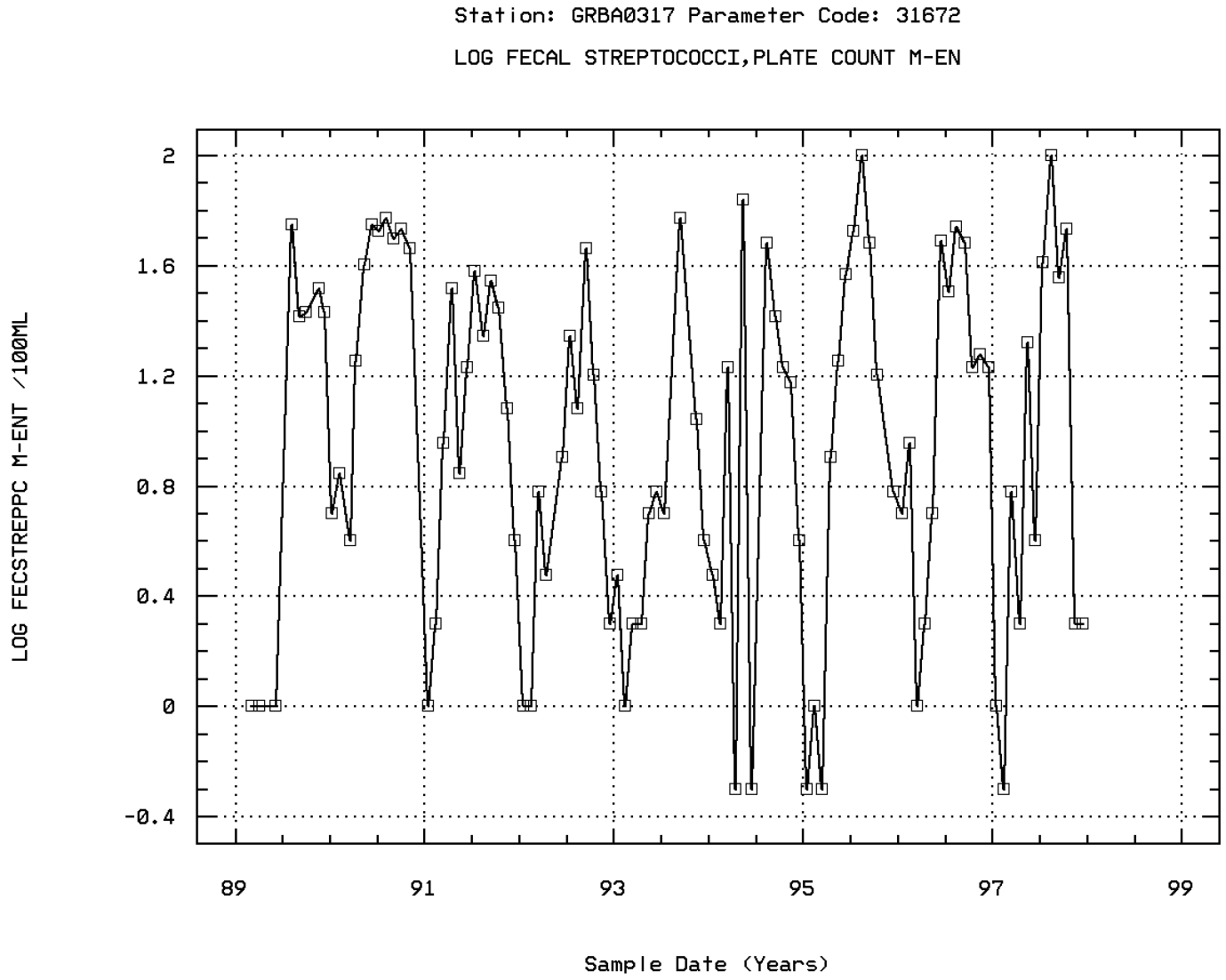
EPA Water Quality Criteria Analysis for Station: GRBA0317

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	102	0	0.00	57	0	0.00	17	0	0.00	28	0	0.00			

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



ROWLAND SPRING BELOW PARK VIEW ESTATES



ROWLAND SPRING BELOW PARK VIEW ESTATES

Annual Analysis for 1989 - Station GRBA0317

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/07/89-12/15/97	10	2.5	6.8	37.	0.	126.4	11.243	0.	0.	9.25	34.3
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/07/89-12/15/97	10	0.389	0.508	1.568	0.	0.302	0.549	0.	0.	0.966	1.511
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.22								
31672p	FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C48	03/07/89-12/15/97	9	26.	20.	56.	0.	357.5	18.908	0.	0.5	30.	56.
31672p	LOG FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35	03/07/89-12/15/97	9	1.415	0.949	1.748	0.	0.544	0.737	0.	0.	1.475	1.748
31672p	GM FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C	GEOMETRIC MEAN =			8.9								

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

Annual Analysis for 1990 - Station GRBA0317

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/07/89-12/15/97	11	2.	9.182	41.	0.	218.164	14.77	0.	1.	9.	40.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/07/89-12/15/97	11	0.301	0.548	1.613	0.	0.366	0.605	0.	0.	0.954	1.601
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.531								
31672p	FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C48	03/07/89-12/15/97	11	46.	35.636	59.	4.	500.255	22.366	4.2	7.	54.	58.4
31672p	LOG FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35	03/07/89-12/15/97	11	1.663	1.395	1.771	0.602	0.213	0.462	0.621	0.845	1.732	1.766
31672p	GM FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C	GEOMETRIC MEAN =			24.81								

** - 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 box-and-whisker plot

Annual Analysis for 1991 - Station GRBA0317

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/07/89-12/15/97	12	3.	9.5	41.	0.	194.818	13.958	0.	0.	16.25	38.3
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/07/89-12/15/97	12	0.452	0.583	1.613	0.	0.402	0.634	0.	0.	1.209	1.58
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.831								
31672p	FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C48	03/07/89-12/15/97	12	14.5	17.333	38.	1.	182.242	13.5	1.3	4.75	31.75	37.1
31672p	LOG FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35	03/07/89-12/15/97	12	1.155	1.037	1.58	0.	0.267	0.516	0.09	0.663	1.501	1.569
31672p	GM FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C	GEOMETRIC MEAN =			10.889								

** - Less than 9 observations ## - Computed 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 GRBA0317

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/07/89-12/15/97	12	1.5	5.667	38.	0.	113.515	10.654	0.	1.	5.5	29.9
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/07/89-12/15/97	12	0.151	0.398	1.58	0.	0.269	0.519	0.	0.	0.734	1.418
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.502								
31672p	FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C48	03/07/89-12/15/97	12	7.	11.	46.	0.	163.455	12.785	0.3	2.25	15.	38.8
31672p	LOG FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35	03/07/89-12/15/97	12	0.841	0.794	1.663	0.	0.269	0.519	0.	0.345	1.173	1.567
31672p	GM FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C	GEOMETRIC MEAN =			6.221								

** - Less than 9 observations ## - Computed 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 GRBA0317

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/07/89-12/15/97	11	1.	4.409	16.	0.	38.041	6.168	0.	0.5	10.	15.8
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/07/89-12/15/97	11	0.	0.323	1.204	-0.301	0.3	0.548	0.	-0.301	1.	1.199
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.105								

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

Annual Analysis for 1993 - Station GRBA0317

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31672p	FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C48	03/07/89-12/15/97	10	4.5	9.8	59.	1.	306.844	17.517	1.1	2.	7.25	54.2
31672p	LOG FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35	03/07/89-12/15/97	10	0.651	0.667	1.771	0.	0.236	0.486	0.03	0.301	0.844	1.698
31672p	GM FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C	GEOMETRIC MEAN =			4.645								

** - Less than 9 observations ## - Computed 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 1994 - Station GRBA0317

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/07/89-12/15/97	12	1.	8.083	60.	0.	288.583	16.988	0.15	0.625	8.75	46.5
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/07/89-12/15/97	12	0.	0.363	1.778	-0.301	0.43	0.656	-0.09	-0.226	0.925	1.598
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.305								
31672p	FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C48	03/07/89-12/15/97	11	15.	18.364	69.	0.5	486.405	22.055	0.5	2.	26.	64.8
31672p	LOG FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35	03/07/89-12/15/97	11	1.176	0.85	1.839	-0.301	0.554	0.744	-0.301	0.301	1.415	1.807
31672p	GM FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C	GEOMETRIC MEAN =			7.08								

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

Annual Analysis for 1995 - Station GRBA0317

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/07/89-12/15/97	12 ##	0.5	5.042	41.	0.	135.657	11.647	0.	0.5	5.5	31.1
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/07/89-12/15/97	12 ##	-0.301	0.155	1.613	-0.301	0.391	0.625	0.	-0.301	0.634	1.4
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.428								
31672p	FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C48	03/07/89-12/15/97	12	13.	24.833	100.	0.5	896.652	29.944	0.5	2.25	45.25	85.9
31672p	LOG FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35	03/07/89-12/15/97	12	1.102	0.959	2.	-0.301	0.622	0.789	-0.301	0.195	1.653	1.917
31672p	GM FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C	GEOMETRIC MEAN =			9.107								

** - 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 box-and-whisker plot

Annual Analysis for 1996 - Station GRBA0317

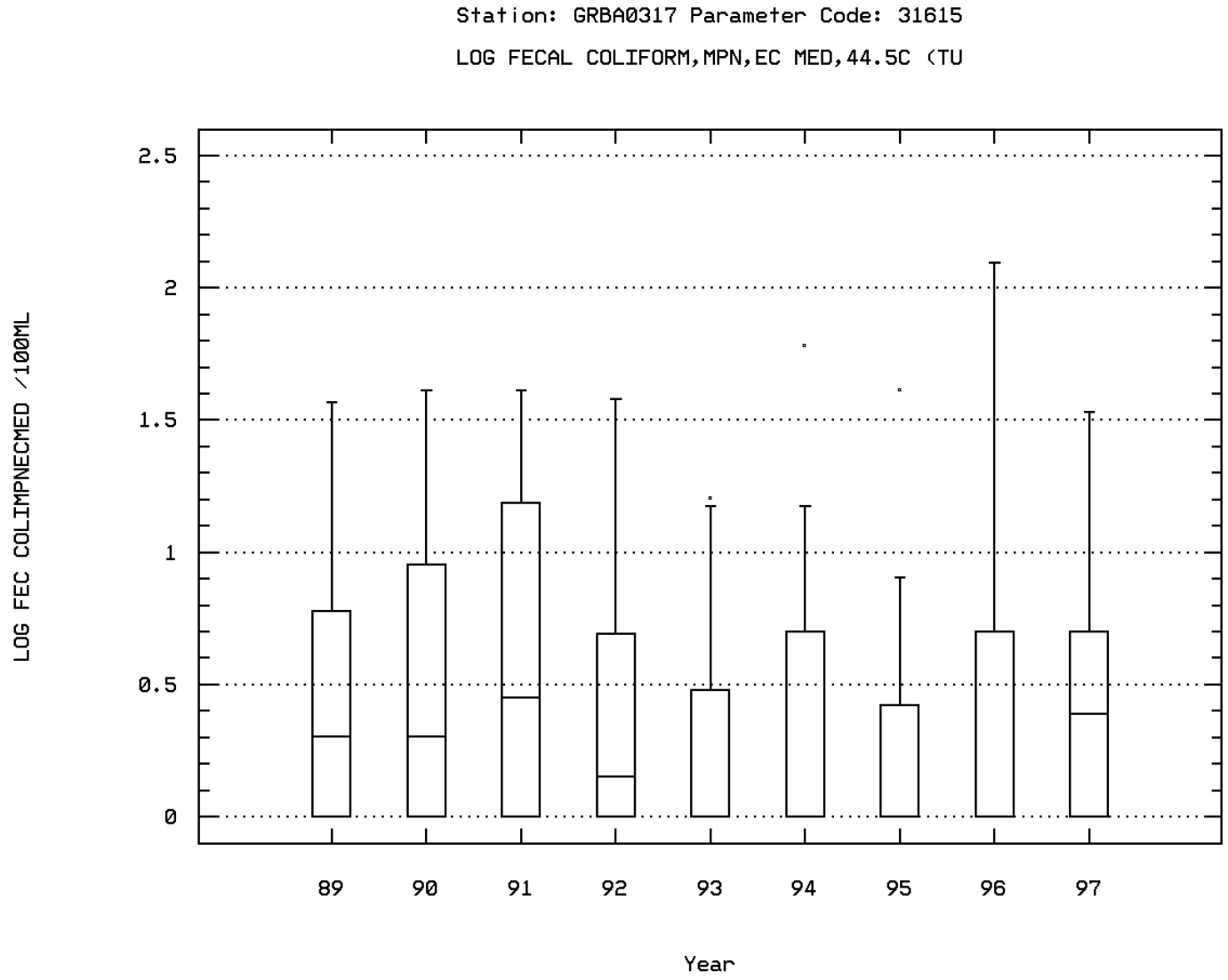
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/07/89-12/15/97	10 ##	0.5	14.4	124.	0.	1491.711	38.623	0.	0.375	6.	112.5
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/07/89-12/15/97	10 ##	-0.301	0.314	2.093	-0.301	0.613	0.783	0.	-0.226	0.763	1.98
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.063								
31672p	FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C48	03/07/89-12/15/97	12	17.	21.583	55.	1.	385.356	19.63	1.3	5.	44.	53.2
31672p	LOG FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35	03/07/89-12/15/97	12	1.23	1.084	1.74	0.	0.32	0.565	0.09	0.699	1.637	1.725
31672p	GM FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C	GEOMETRIC MEAN =			12.138								

** - Less than 9 observations ## - Computed 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 1997 - Station GRBA0317

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/07/89-12/15/97	12	2.5	6.208	34.	0.5	94.294	9.71	0.5	0.875	5.	28.6
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/07/89-12/15/97	12	0.389	0.434	1.531	-0.301	0.331	0.575	-0.301	-0.151	0.699	1.433
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.719								
31672p	FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C48	03/07/89-12/15/97	12	5.	22.458	100.	0.5	940.612	30.669	0.65	2.	39.75	86.2
31672p	LOG FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35	03/07/89-12/15/97	12	0.69	0.85	2.	-0.301	0.584	0.764	-0.211	0.301	1.599	1.92
31672p	GM FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C	GEOMETRIC MEAN =			7.088								

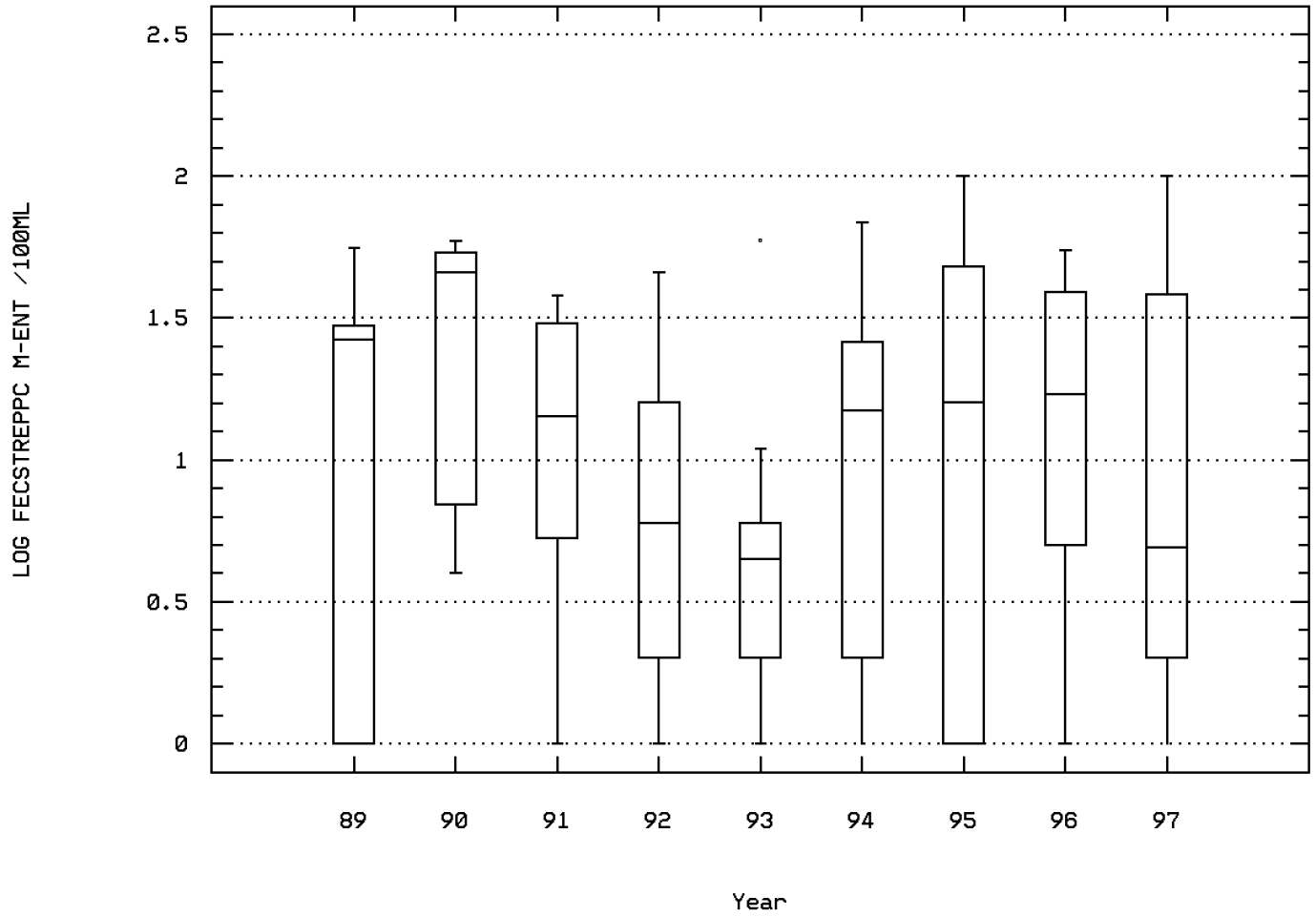
** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot



ROWLAND SPRING BELOW PARK VIEW ESTATES

Station: GRBA0317 Parameter Code: 31672

LOG FECAL STREPTOCOCCI,PLATE COUNT M-EN



ROWLAND SPRING BELOW PARK VIEW ESTATES

Seasonal Analysis for Season #1: 9/15 to 4/14 - Station GRBA0317

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/07/89-12/15/97	57	1.	5.649	124.	0.	305.723	17.485	0.	0.5	4.	11.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/07/89-12/15/97	57	0.	0.263	2.093	-0.301	0.286	0.534	0.	-0.301	0.602	1.035
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.834								
31672p	FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C48	03/07/89-12/15/97	59	6.	14.466	59.	0.	272.344	16.503	1.	2.	19.	46.
31672p	LOG FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35	03/07/89-12/15/97	59	0.778	0.813	1.771	-0.301	0.381	0.617	0.	0.301	1.279	1.663
31672p	GM FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C	GEOMETRIC MEAN =			6.499								

** - Less than 9 observations ## - Computed 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: 4/15 to 6/14 - Station GRBA0317

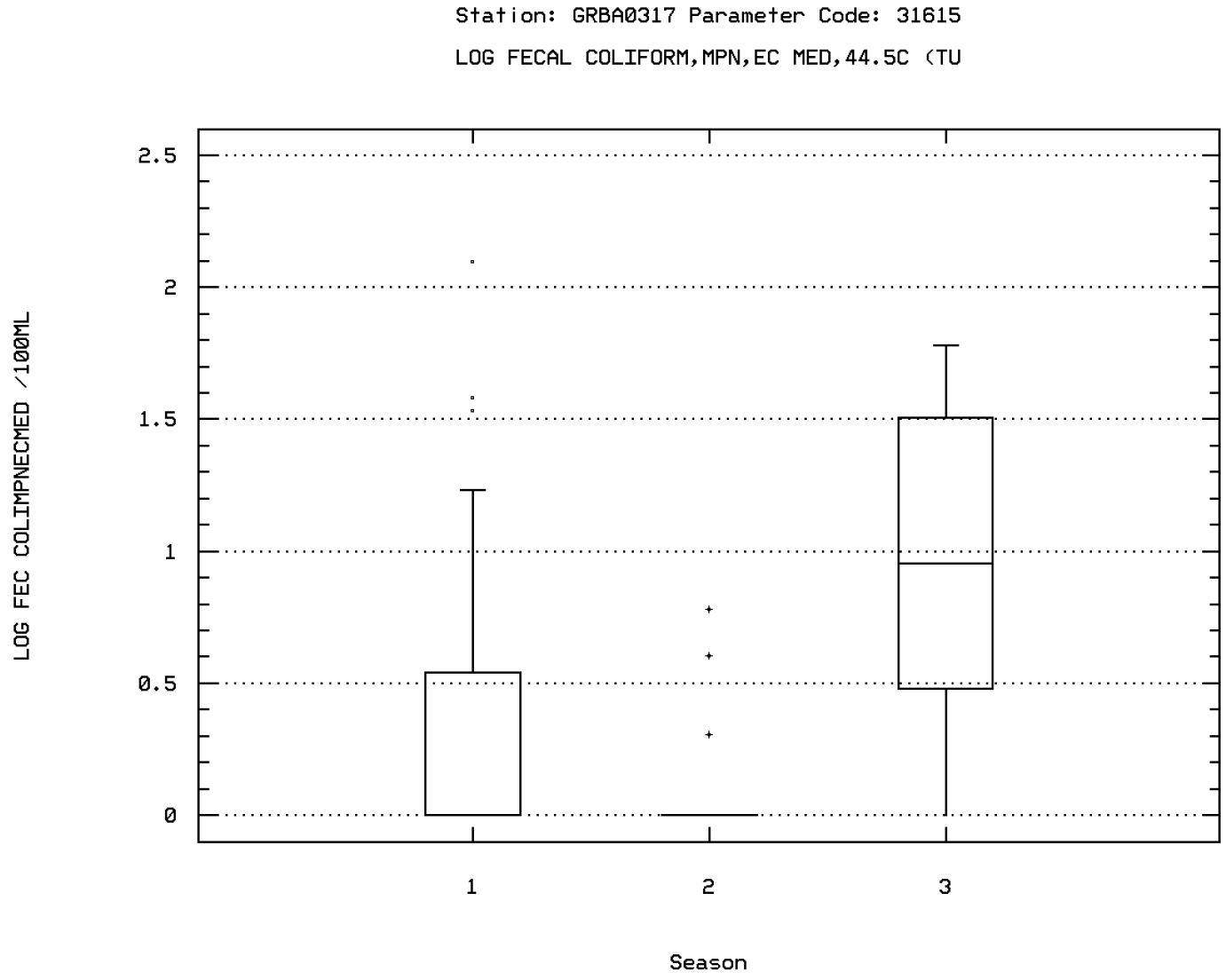
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/07/89-12/15/97	17 ##	0.5	1.059	6.	0.	2.621	1.619	0.	0.	1.	4.4
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/07/89-12/15/97	17 ##	-0.301	0.028	0.778	-0.301	0.088	0.297	0.	0.	0.	0.637
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.067								
31672p	FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C48	03/07/89-12/15/97	18	7.5	16.194	69.	0.	412.622	20.313	0.45	2.	24.	57.3
31672p	LOG FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35	03/07/89-12/15/97	18	0.874	0.862	1.839	-0.301	0.374	0.612	-0.271	0.301	1.371	1.757
31672p	GM FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C	GEOMETRIC MEAN =			7.273								

** - 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

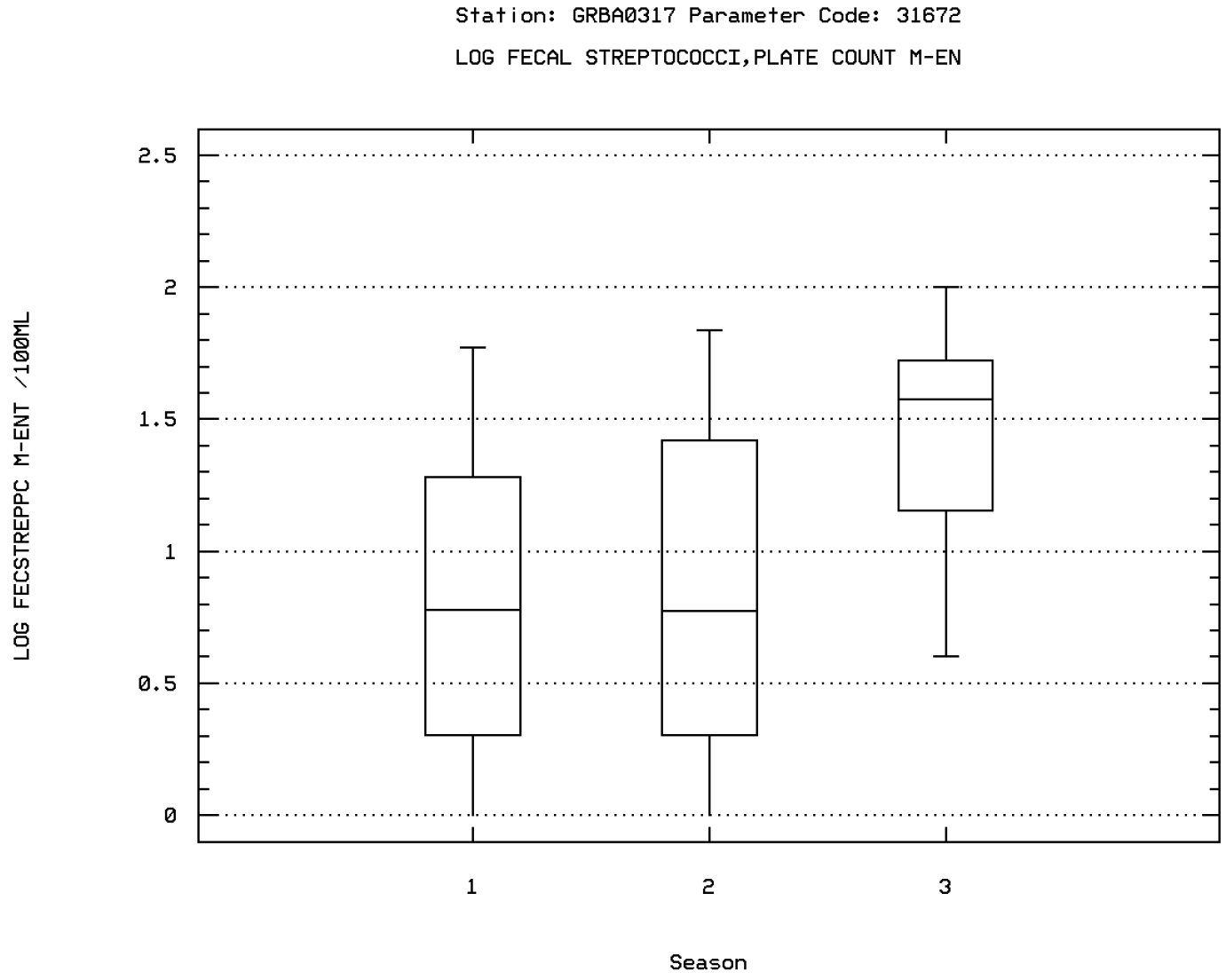
Seasonal Analysis for Season #3: 6/15 to 9/14 - Station GRBA0317

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/07/89-12/15/97	28	9.5	15.554	60.	0.5	264.58	16.266	1.	3.25	28.	41.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/07/89-12/15/97	28	0.977	0.911	1.778	-0.301	0.314	0.56	0.	0.508	1.43	1.613
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.149								
31672p	FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C48	03/07/89-12/15/97	24	37.5	37.229	100.	0.5	736.391	27.137	4.5	13.25	53.	79.5
31672p	LOG FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35	03/07/89-12/15/97	24	1.574	1.381	2.	-0.301	0.281	0.53	0.651	1.117	1.724	1.885
31672p	GM FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C	GEOMETRIC MEAN =			24.023								

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



ROWLAND SPRING BELOW PARK VIEW ESTATES



ROWLAND SPRING BELOW PARK VIEW ESTATES

Station Inventory for Station: GRBA0318

NPS Station ID: GRBA0318 LAT/LON: 39.010976/-114.297754 Agency: 11NPSWRD Date Created: 07/11/98
Location: LEHMAN CREEK BELOW WHEELER CG AND BELOW FENCE FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): GRBA_NPS_LEH1
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 Depth of Water: 0 Aquifer:
Major Basin: GREAT BASIN Elevation: 9700 Water Body Id:
Minor Basin: GREAT SALT LAKE ECO Region:
RF1 Index: 16020301 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 16020301119900.00 RF3 Mile Point: 1.19 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT LEHMAN CREEK EAST OF WHEELER CAMPGROUND AND IS BELOW THE FENCE. THIS SITE IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK BOUNDARY. THE DATA ARE FROM SEVERAL YEARLY REPORTS (1990-97) BY KURT PFAFF; PHYSICAL SCIENCE TECHNICIAN FOR GREAT BASIN NATIONAL PARK. A SURFACE WATER QUALITY MONITORING PROGRAM WAS INSTITUTED TO ACQUIRE THE DATA FROM THE PARK WATERS ON A SEMI-ANNUAL BASIS. DATA ARE INTEGRATED INTO THE PARK'S WATER RESOURCE MANAGEMENT PLAN IN ORDER TO PERPETUATE THE INHERENT NATURAL INTEGRITY OF ITS WATER-DEPENDENT ENVIRONMENTS. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0318

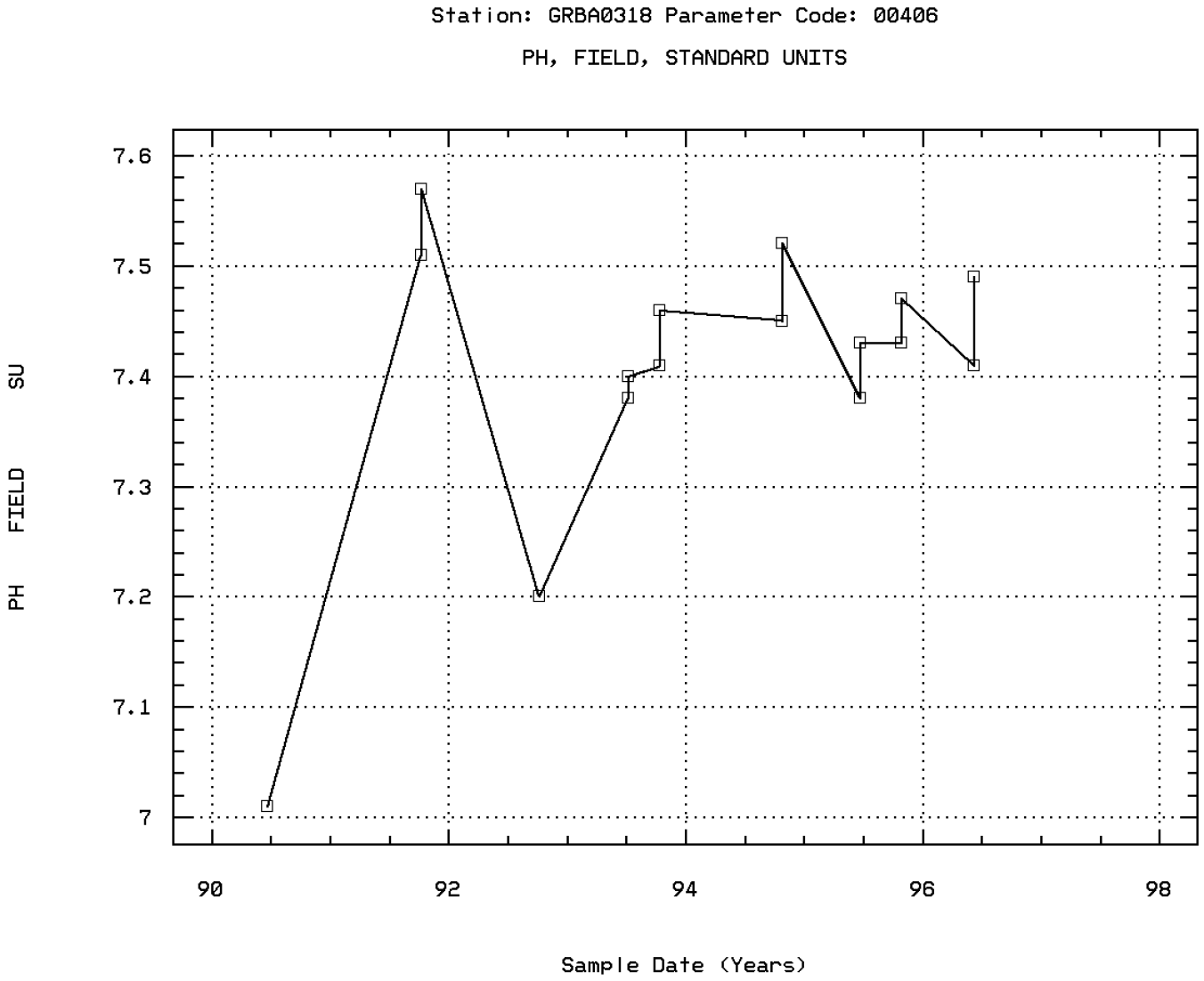
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/21/90-06/07/96	7	5.	7.714	27.	1.	80.238	8.958	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/07/91-06/07/96	8	34.	32.875	37.	28.	14.411	3.796	**	**	**	**
00406p	PH, FIELD, STANDARD UNITS SU	06/21/90-06/07/96	16	7.43	7.407	7.57	7.01	0.018	0.134	7.143	7.385	7.485	7.535
00406p	CONVERTED PH, FIELD, STANDARD UNITS	06/21/90-06/07/96	16	7.43	7.384	7.57	7.01	0.018	0.136	7.143	7.385	7.485	7.535
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/21/90-06/07/96	16	0.037	0.041	0.098	0.027	0.	0.017	0.029	0.033	0.041	0.073

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

EPA Water Quality Criteria Analysis for Station: GRBA0318

				Total	Exceed	Prop.	----------9/15-4/14----------			----------4/15-6/14----------			----------6/15-9/14----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00406	PH, FIELD	Fresh Chronic	9.	16	0	0.00	9	0	0.00	2	0	0.00	5	0	0.00			
		Other-Lo Lim.	6.5	16	0	0.00	9	0	0.00	2	0	0.00	5	0	0.00			

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



LEHMAN CREEK BELOW WHEELER CG AND BELOW

Station Inventory for Station: GRBA0319

NPS Station ID: GRBA0319 LAT/LON: 39.011059/-114.198920 Agency: 11NPSWRD Date Created: 12/19/98
Location: LEHMAN CREEK BELOW PARK VIEW ESTATES FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): GRBA_MAINT_1
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 16020301 Depth of Water: 0 Aquifer:
Major Basin: GREAT BASIN Elevation: 0 Water Body Id:
Minor Basin: GREAT SALT LAKE ECO Region:
RF1 Index: 16020301 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 16020301119900.00 RF3 Mile Point: 1.19 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE LEHMAN CAVES NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT LEHMAN CREEK DOWNSTREAM OF THE PARKVIEW ESTATES RESIDENTIAL AREA. THIS SITE IS OUTSIDE THE GREAT BASIN NATIONAL PARK BOUNDARY. DATA WERE COLLECTED AS PART OF THE PARK'S SURFACE WATER QUALITY MONITORING PROGRAM AND ARE AVAILABLE THROUGH THE MAINTENANCE DIVISION. FOR 1991-1997; SAMPLING DATES WERE ESTIMATED TO BE THE 15TH OF EACH MONTH. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0319

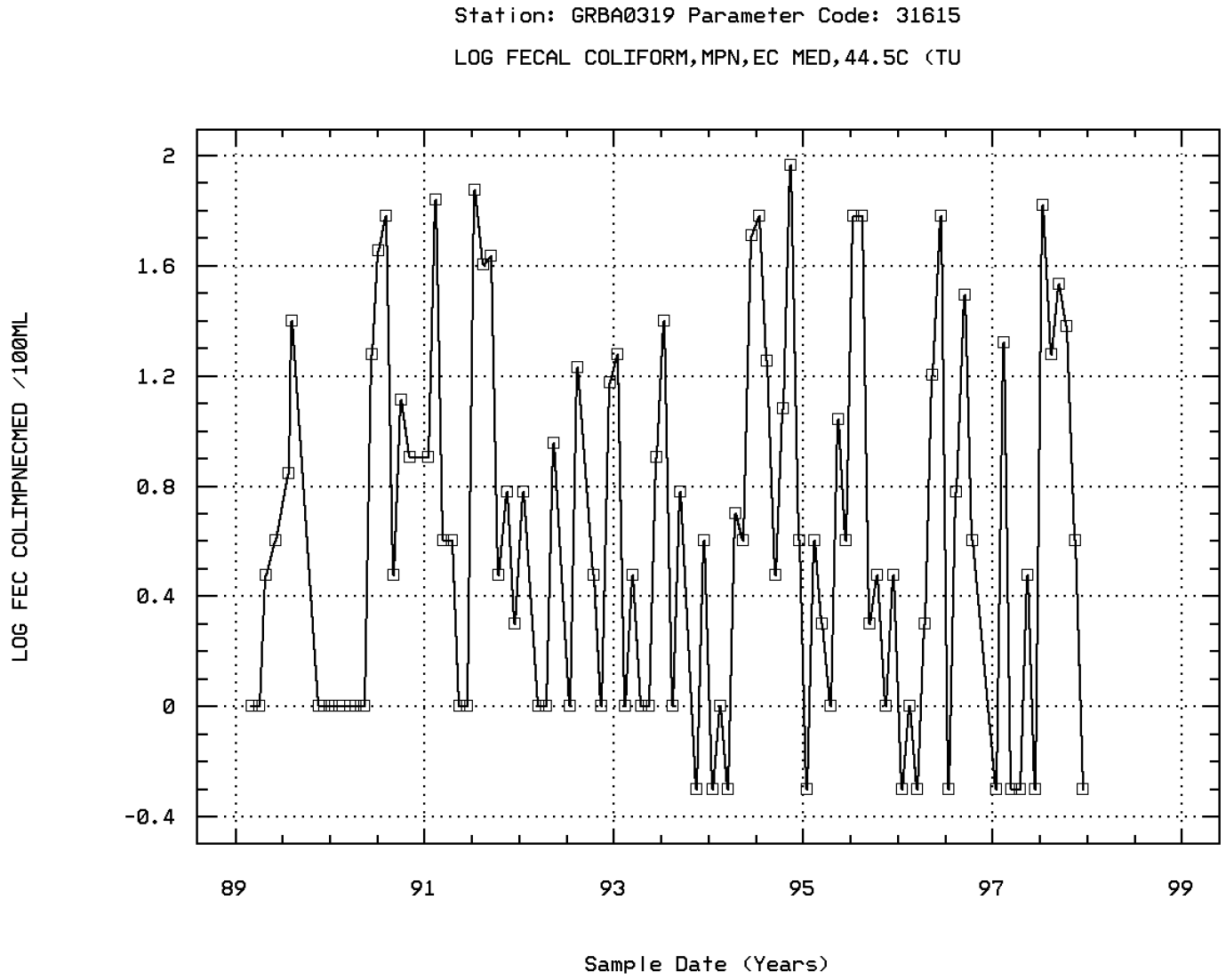
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/07/89-12/15/97	102	4.	12.843	92.	0.	403.094	20.077	0.	0.875	15.25	49.2
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/07/89-12/15/97	102	0.602	0.634	1.964	-0.301	0.449	0.67	0.	-0.075	1.183	1.691
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.305								
31672p	FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C48	03/07/89-12/15/97	102	23.5	39.152	570.	1.5	3691.969	60.762	4.	9.	53.25	83.5
31672p	LOG FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35	03/07/89-12/15/97	102	1.371	1.321	2.756	0.176	0.267	0.517	0.602	0.954	1.726	1.922
31672p	GM FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C	GEOMETRIC MEAN =			20.946								
61206	E.COLI, WATER, MMO-MUG, MPN MPN/100ML	11/15/96-12/15/96	2	3.5	3.5	4.	3.	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

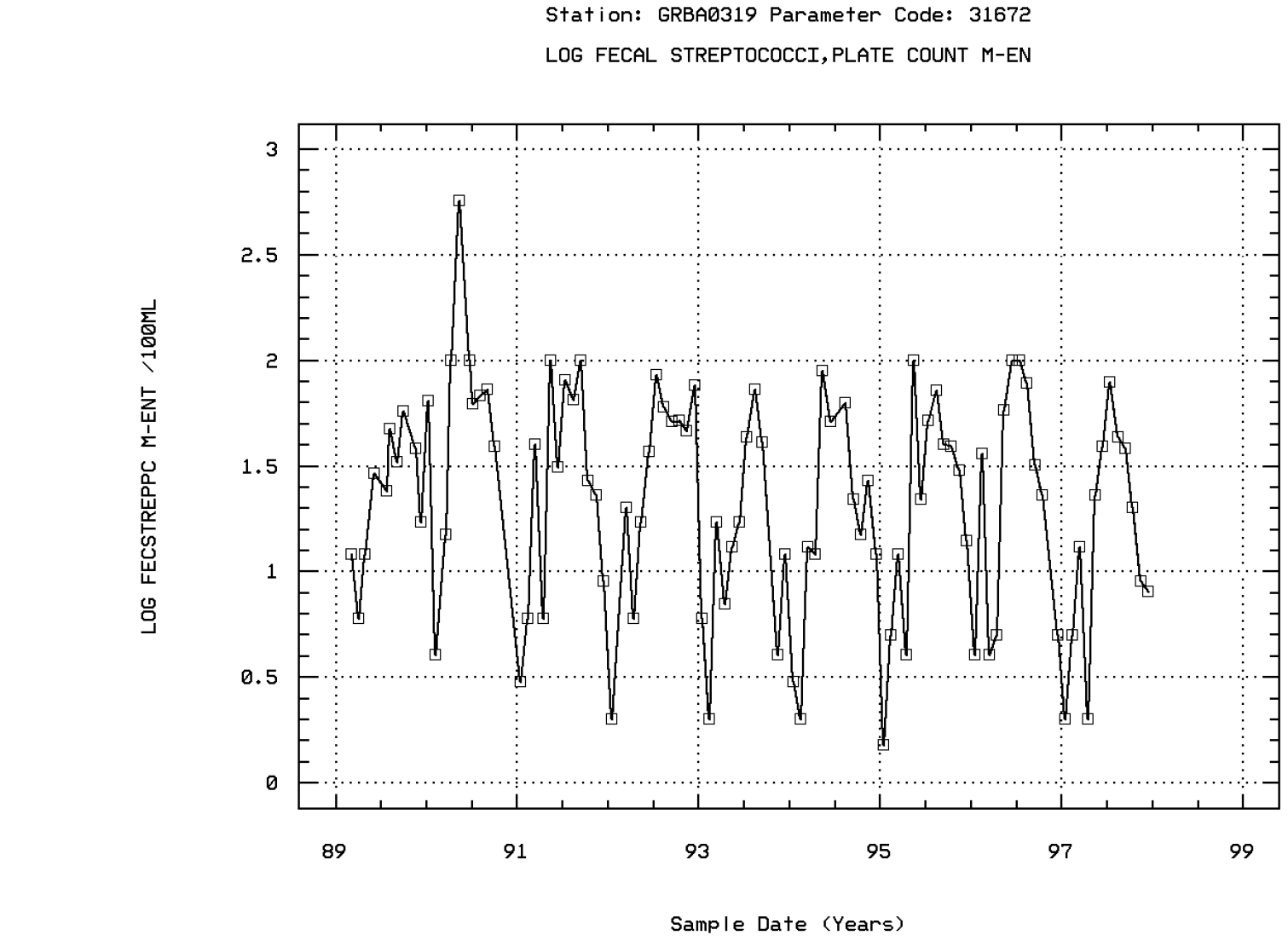
EPA Water Quality Criteria Analysis for Station: GRBA0319

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	102	0	0.00	57	0	0.00	18	0	0.00	27	0	0.00			

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



LEHMAN CREEK BELOW PARK VIEW ESTATES



LEHMAN CREEK BELOW PARK VIEW ESTATES

Annual Analysis for 1989 - Station GRBA0319

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/07/89-12/15/97	10	3.5	6.1	25.	0.	58.767	7.666	0.	0.75	10.	23.5
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/07/89-12/15/97	10	0.54	0.532	1.398	0.	0.27	0.519	0.	0.	1.	1.358
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.406								
31672p	FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C48	03/07/89-12/15/97	10	26.5	27.5	57.	6.	273.167	16.528	6.6	12.	40.25	56.
31672p	LOG FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35	03/07/89-12/15/97	10	1.421	1.354	1.756	0.778	0.095	0.308	0.808	1.079	1.603	1.747
31672p	GM FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C	GEOMETRIC MEAN =			22.573								

** - Less than 9 observations ## - Computed 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 GRBA0319

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/07/89-12/15/97	11	3.	13.545	60.	0.	421.073	20.52	0.	0.	19.	57.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/07/89-12/15/97	11	0.477	0.655	1.778	0.	0.51	0.714	0.	0.	1.279	1.753
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.518								
31672p	FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C48	03/07/89-12/15/97	11	64.	100.455	570.	4.	25365.273	159.265	5.2	15.	100.	476.
31672p	LOG FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35	03/07/89-12/15/97	11	1.806	1.674	2.756	0.602	0.333	0.577	0.682	1.176	2.	2.605
31672p	GM FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C	GEOMETRIC MEAN =			47.261								

** - Less than 9 observations ## - Computed 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 GRBA0319

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/07/89-12/15/97	12	5.	21.25	75.	0.	778.386	27.9	0.3	2.25	42.25	73.2
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/07/89-12/15/97	12	0.69	0.884	1.875	0.	0.474	0.688	0.	0.345	1.626	1.864
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			7.663								
31672p	FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C48	03/07/89-12/15/97	12	29.	40.833	100.	3.	1327.061	36.429	3.9	6.75	76.25	100.
31672p	LOG FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35	03/07/89-12/15/97	12	1.461	1.383	2.	0.477	0.274	0.524	0.567	0.822	1.881	2.
31672p	GM FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C	GEOMETRIC MEAN =			24.128								

** - 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

Annual Analysis for 1992 - Station GRBA0319

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/07/89-12/15/97	12	7.5	6.917	17.	0.	33.538	5.791	0.3	1.	10.	16.4
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/07/89-12/15/97	12	0.866	0.635	1.23	0.	0.255	0.505	0.	0.	1.	1.214
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.312								
31672p	FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C48	03/07/89-12/15/97	11	46.	41.091	85.	2.	754.691	27.472	2.8	17.	60.	83.2
31672p	LOG FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35	03/07/89-12/15/97	11	1.663	1.441	1.929	0.301	0.256	0.506	0.396	1.23	1.778	1.92
31672p	GM FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C	GEOMETRIC MEAN =			27.621								

** - Less than 9 observations ## - Computed 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 GRBA0319

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/07/89-12/15/97	11	3.	6.136	25.	0.	69.905	8.361	0.	0.5	8.	23.8
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/07/89-12/15/97	11	0.477	0.467	1.398	-0.301	0.329	0.574	0.	-0.301	0.903	1.374
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.93								

** - Less than 9 observations ## - Computed 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 GRBA0319

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31672p	FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C48	03/07/89-12/15/97	11	13.	21.364	73.	2.	483.455	21.988	2.4	6.	41.	67.
31672p	LOG FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35	03/07/89-12/15/97	11	1.114	1.117	1.863	0.301	0.222	0.471	0.361	0.778	1.613	1.817
31672p	GM FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C	GEOMETRIC MEAN =			13.1								

** - 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 1994 - Station GRBA0319

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/07/89-12/15/97	12	4.5	20.833	92.	0.	908.288	30.138	0.15	1.125	42.75	82.4
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/07/89-12/15/97	12	0.651	0.797	1.964	-0.301	0.607	0.779	-0.09	-0.106	1.594	1.908
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			6.264								
31672p	FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C48	03/07/89-12/15/97	11	15.	28.091	89.	2.	771.891	27.783	2.2	12.	51.	83.8
31672p	LOG FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35	03/07/89-12/15/97	11	1.176	1.223	1.949	0.301	0.261	0.511	0.336	1.079	1.708	1.919
31672p	GM FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C	GEOMETRIC MEAN =			16.724								

** - Less than 9 observations ## - Computed 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 1995 - Station GRBA0319

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/07/89-12/15/97	12	3.	12.542	60.	0.	499.339	22.346	0.15	1.25	9.25	60.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/07/89-12/15/97	12	0.477	0.588	1.778	-0.301	0.428	0.654	-0.09	0.075	0.932	1.778
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.873								
31672p	FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C48	03/07/89-12/15/97	12	26.	32.625	100.	1.5	909.415	30.157	2.25	6.75	49.	91.6
31672p	LOG FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35	03/07/89-12/15/97	12	1.41	1.274	2.	0.176	0.305	0.553	0.304	0.794	1.688	1.957
31672p	GM FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C	GEOMETRIC MEAN =			18.795								

** - Less than 9 observations ## - Computed 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 1996 - Station GRBA0319

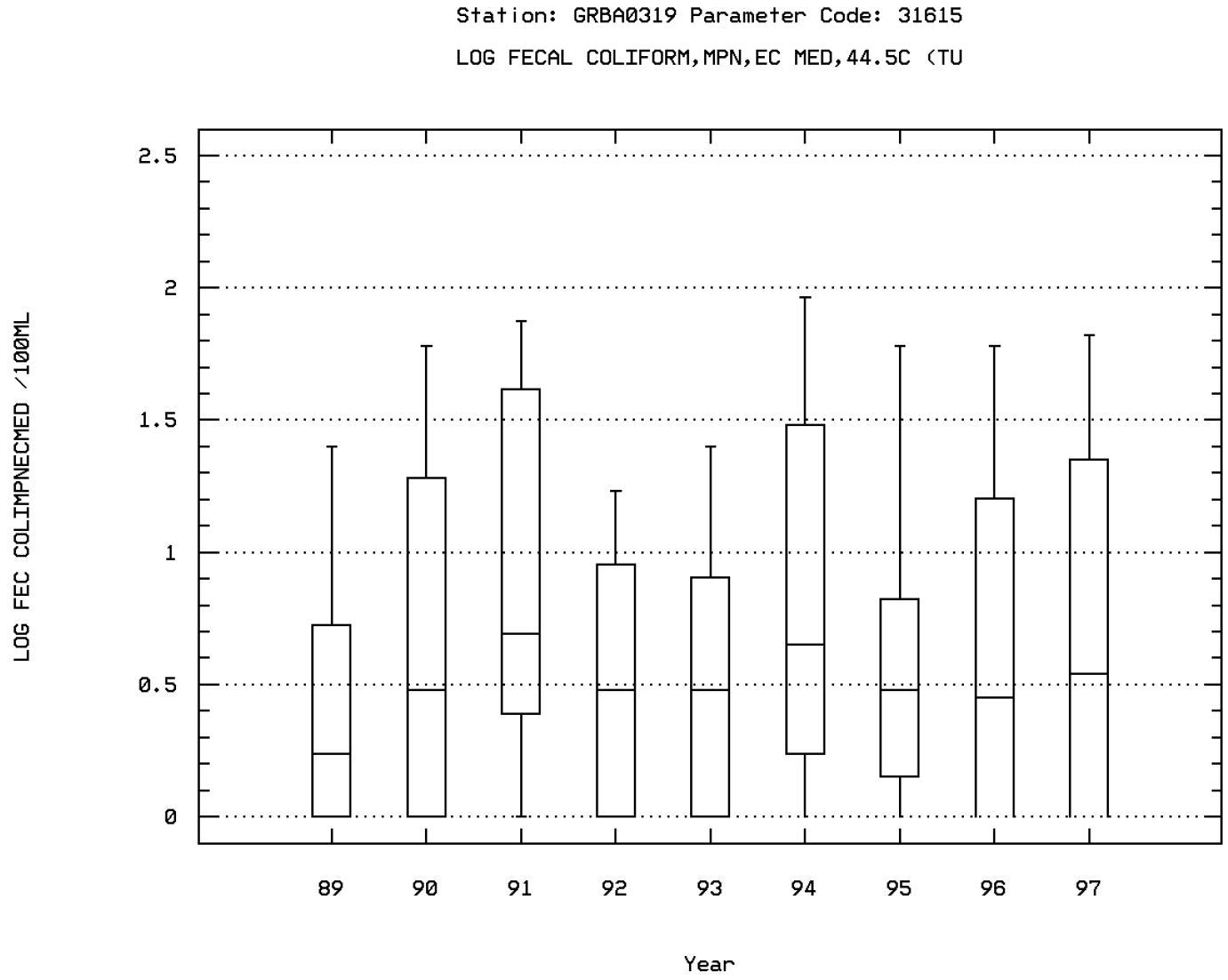
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/07/89-12/15/97	10	3.	12.05	60.	0.	380.192	19.499	0.05	0.5	19.75	57.1
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/07/89-12/15/97	10	0.452	0.525	1.778	-0.301	0.601	0.775	-0.03	-0.301	1.276	1.749
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.351								
31672p	FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C48	03/07/89-12/15/97	12	27.5	37.917	100.	4.	1384.265	37.206	4.	5.	73.	100.
31672p	LOG FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35	03/07/89-12/15/97	12	1.433	1.307	2.	0.602	0.313	0.559	0.602	0.699	1.86	2.
31672p	GM FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C	GEOMETRIC MEAN =			20.264								

** - Less than 9 observations ## - Computed 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 1997 - Station GRBA0319

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/07/89-12/15/97	12	3.5	14.458	66.	0.5	400.703	20.018	0.5	0.5	23.25	56.4
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/07/89-12/15/97	12	0.54	0.576	1.82	-0.301	0.728	0.854	-0.301	-0.301	1.366	1.733
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.763								
31672p	FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C48	03/07/89-12/15/97	12	16.5	23.417	79.	2.	522.811	22.865	2.	5.75	38.75	68.2
31672p	LOG FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35	03/07/89-12/15/97	12	1.207	1.136	1.898	0.301	0.271	0.521	0.301	0.75	1.588	1.818
31672p	GM FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C	GEOMETRIC MEAN =			13.69								

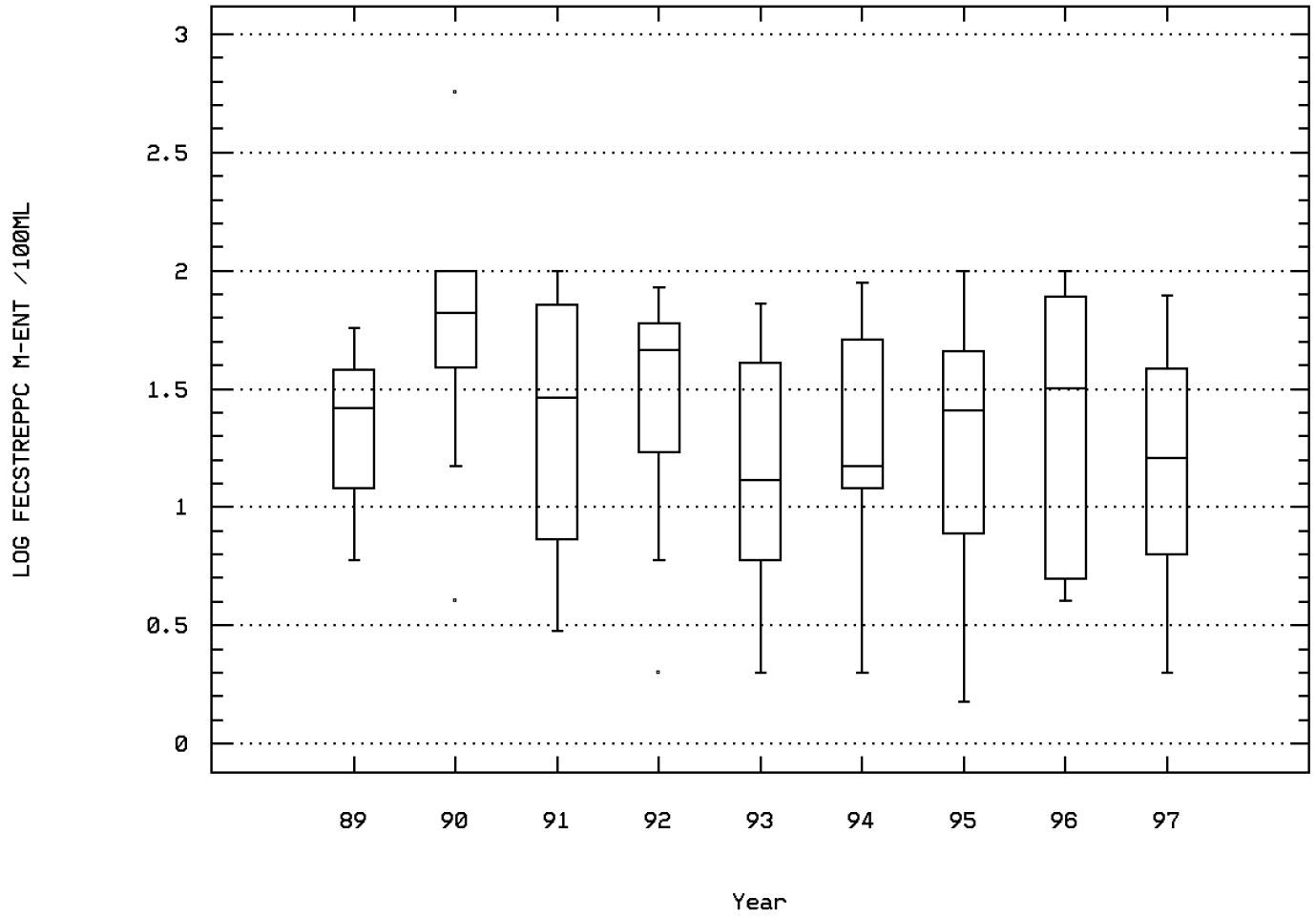
** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot



LEHMAN CREEK BELOW PARK VIEW ESTATES

Station: GRBA0319 Parameter Code: 31672

LOG FECAL STREPTOCOCCI,PLATE COUNT M-EN



LEHMAN CREEK BELOW PARK VIEW ESTATES

Seasonal Analysis for Season #1: 9/15 to 4/14 - Station GRBA0319

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/07/89-12/15/97	57	3.	8.675	92.	0.	277.183	16.649	0.	0.5	9.	25.4
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/07/89-12/15/97	57	0.477	0.485	1.964	-0.301	0.379	0.616	0.	-0.301	0.952	1.402
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.052								
31672p	FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C48	03/07/89-12/15/97	58	14.5	23.164	100.	1.5	528.065	22.98	2.9	5.75	38.	52.5
31672p	LOG FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35	03/07/89-12/15/97	58	1.161	1.142	2.	0.176	0.227	0.477	0.46	0.758	1.58	1.72
31672p	GM FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C	GEOMETRIC MEAN =			13.873								

** - Less than 9 observations ## - Computed 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: 4/15 to 6/14 - Station GRBA0319

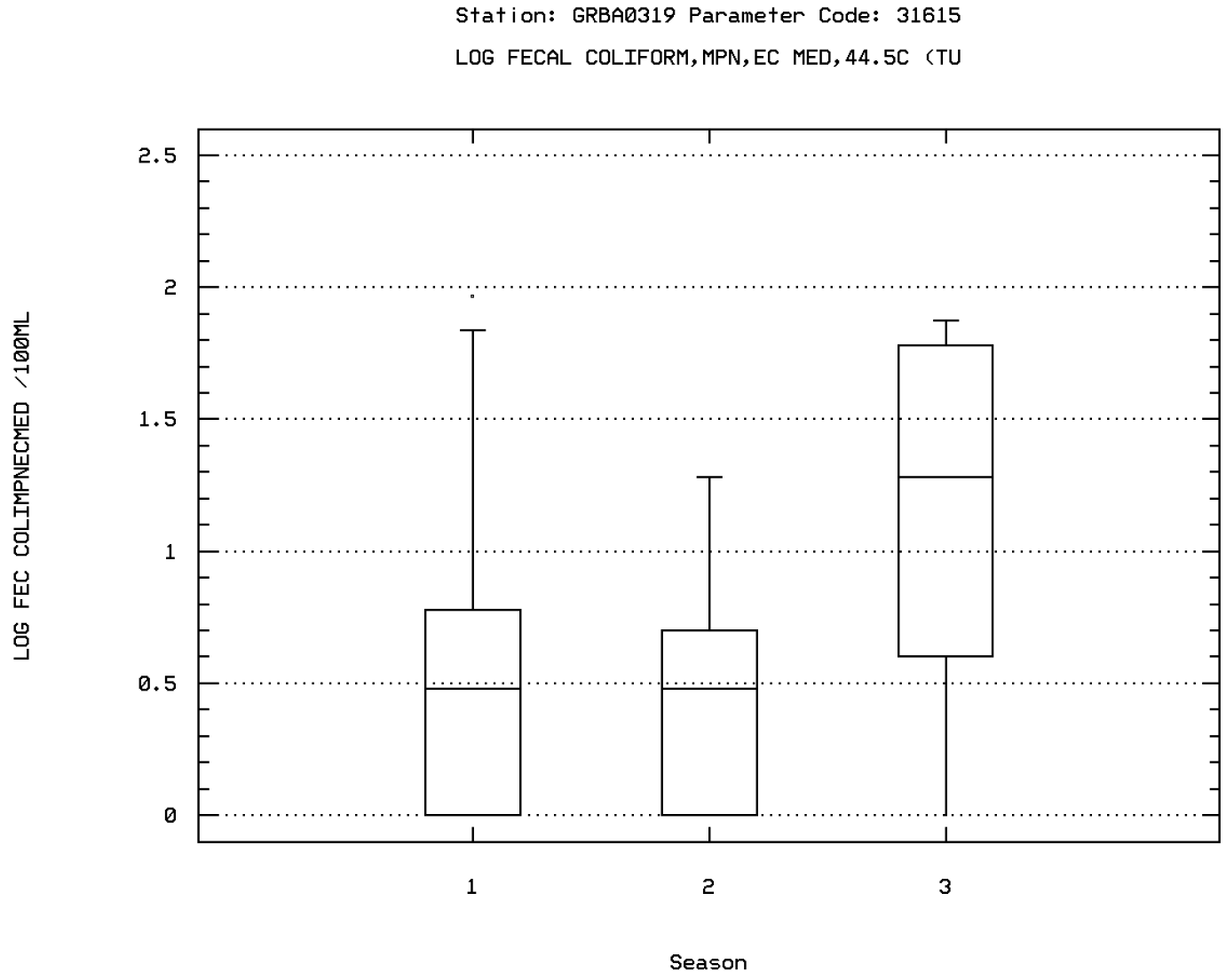
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/07/89-12/15/97	18	3.	4.694	19.	0.	30.681	5.539	0.	1.	6.	16.3
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/07/89-12/15/97	18	0.477	0.441	1.279	-0.301	0.223	0.472	0.	0.	0.763	1.212
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.761								
31672p	FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C48	03/07/89-12/15/97	17	13.	61.941	570.	2.	18327.684	135.38	3.6	6.	73.5	194.
31672p	LOG FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35	03/07/89-12/15/97	17	1.114	1.282	2.756	0.301	0.406	0.637	0.542	0.778	1.856	2.151
31672p	GM FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C	GEOMETRIC MEAN =			19.156								

** - Less than 9 observations ## - Computed 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: 6/15 to 9/14 - Station GRBA0319

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/07/89-12/15/97	27	18.	27.074	75.	0.	654.437	25.582	0.4	4.	60.	61.2
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/07/89-12/15/97	27	1.255	1.078	1.875	-0.301	0.5	0.707	-0.241	0.602	1.778	1.786
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			11.974								
31672p	FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C48	03/07/89-12/15/97	27	62.	59.148	100.	17.	580.593	24.095	23.6	39.	78.	100.
31672p	LOG FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35	03/07/89-12/15/97	27	1.792	1.73	2.	1.23	0.043	0.207	1.373	1.591	1.892	2.
31672p	GM FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C	GEOMETRIC MEAN =			53.686								

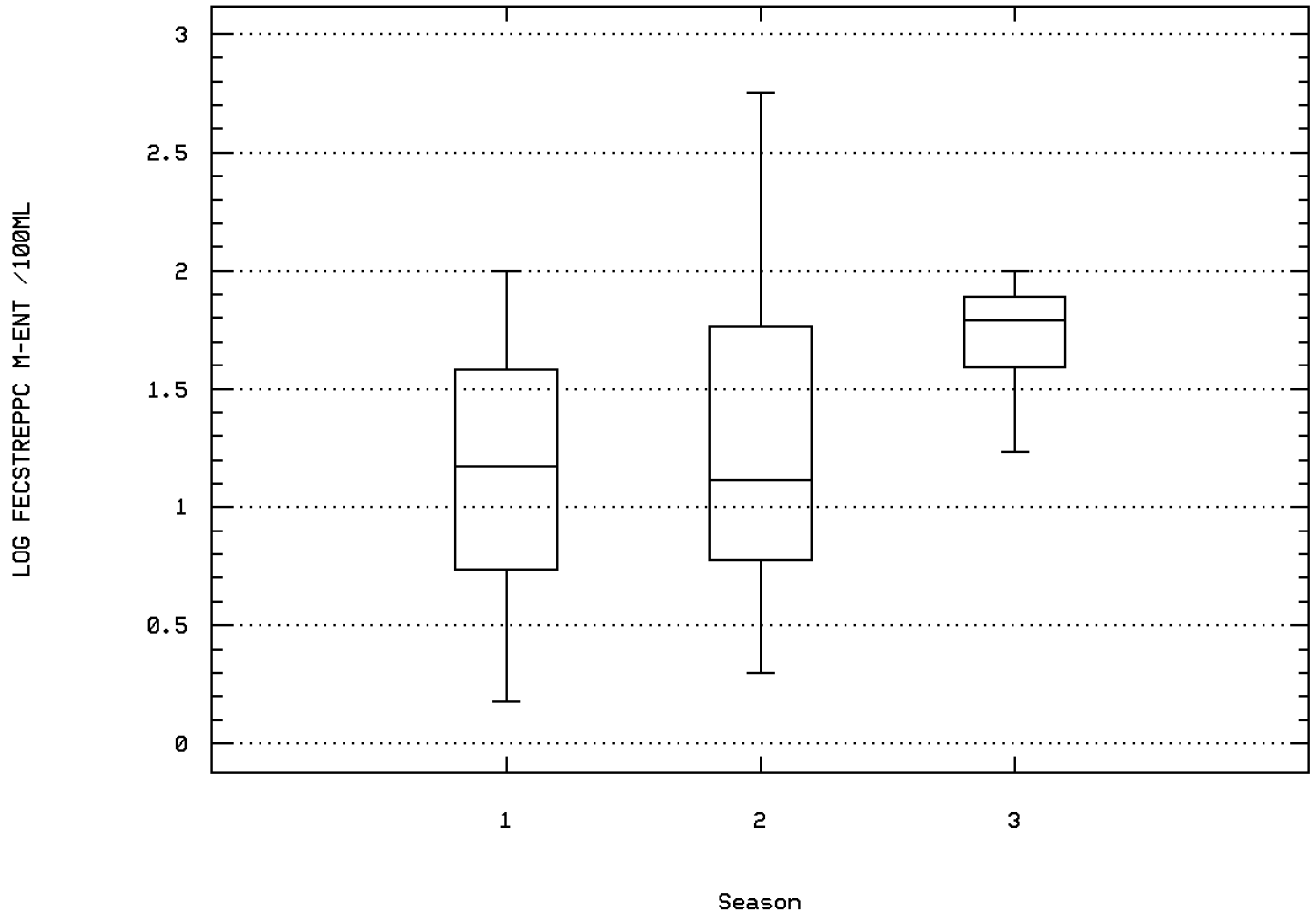
** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot



LEHMAN CREEK BELOW PARK VIEW ESTATES

Station: GRBA0319 Parameter Code: 31672

LOG FECAL STREPTOCOCCI,PLATE COUNT M-EN



LEHMAN CREEK BELOW PARK VIEW ESTATES

Station Inventory for Station: GRBA0320

NPS Station ID: GRBA0320
LAT/LON: 39.011116/-114.135559
Agency: 11NPSWRD
Date Created: 08/15/98
Location: LEHMAN CREEK #21
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): GRBA_USGS_LCK21
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE LEHMAN CAVES NV 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED ON LEHMAN CREEK AND IS OUTSIDE THE BOUNDARIES OF GREAT BASIN NATIONAL PARK. THE DATA ARE FROM A REPORT BY THE U.S. GEOLOGICAL SURVEY; "GREAT BASIN PARK SEEPAGE RUN; SEPTEMBER 1-3; 1992"; AND CAN ALSO BE FOUND IN THE 1992 ANNUAL WATER DATA OF NEVADA REPORT. THE PURPOSE OF THIS REPORT WAS TO DOCUMENT GAINING AND LOSING REACHES OF STREAMS DURING A PERIOD OF SUSTAINED LOW FLOW IN THE PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0320

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/92-09/02/92	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/02/92-09/02/92	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/92-09/02/92	1	92.	92.	92.	92.	0.	0.	**	**	**	**

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

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

Station Inventory for Station: GRBA0321

NPS Station ID: GRBA0321
LAT/LON: 39.011116/-114.296116
Agency: 11NPSWRD
Date Created: 08/15/98
Location: LEHMAN CREEK #4
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): GRBA_USGS_LCK4
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK NV 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED ON LEHMAN CREEK AND IS WITHIN THE BOUNDARIES OF GREAT BASIN NATIONAL PARK. THE DATA ARE FROMA REPORT BY THE U.S. GEOLOGICAL SURVEY; "GREAT BASIN PARK SEEPAGE RUN; SEPTEMBER 1-3; 1992"; AND CAN ALSO BE FOUND IN THE 1992 ANNUAL WATER DATA OF NEVADA REPORT. THE PURPOSE OF THIS REPORT WAS TO DOCUMENT GAINING AND LOSING REACHES OF STREAMS DURING A PERIOD OF SUSTAINED LOW FLOW IN THE PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0321

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/01/92-09/01/92	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/01/92-09/01/92	1	35.	35.	35.	35.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: GRBA0322

NPS Station ID: GRBA0322
LAT/LON: 39.011670/-114.213615
Agency: 112WRD
Date Created: 05/21/88
Location: LEHMAN CREEK NEAR BAKER, NV
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 10243260
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 16060008199403.15
RF3 Mile Point: 3.15
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: GRBA0322

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/27/87-10/25/89	3	8.	7.5	9.5	5.	5.25	2.291	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/21/88-10/25/89	2	11.	11.	11.	11.	0.	0.	**	**	**	**
00025	BAROMETRIC PRESSURE (MM OF HG)	08/27/87-10/25/89	3	600.	598.333	605.	590.	58.333	7.638	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/27/87-10/25/89	3	4.	4.333	7.	2.	6.333	2.517	**	**	**	**
00065	STAGE, STREAM (FEET)	09/21/88-10/25/89	2	3.585	3.585	3.62	3.55	0.002	0.049	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/27/87-09/21/88	2	1.85	1.85	2.	1.7	0.045	0.212	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/27/87-10/25/89	3	37.	37.667	40.	36.	4.333	2.082	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/27/87-10/25/89	3	9.2	9.367	9.9	9.	0.223	0.473	**	**	**	**
00400	PH (STANDARD UNITS)	08/27/87-10/25/89	2	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/27/87-10/25/89	2	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/27/87-10/25/89	2	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/27/87-10/25/89	3	7.8	7.7	7.9	7.4	0.07	0.265	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/27/87-10/25/89	3	7.8	7.643	7.9	7.4	0.075	0.274	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/27/87-10/25/89	3	0.016	0.023	0.04	0.013	0.	0.015	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/27/87-08/27/87	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00419	ALKALINITY,CARBONATE,INCREMENTAL TITR FIELD MG/L	08/27/87-09/21/88	2	16.	16.	17.	15.	2.	1.414	**	**	**	**
00450	BICARBONATE,INCREMENTAL TITRATION,(HCO3) FIELDMG/L	08/27/87-09/21/88	2	19.	19.	20.	18.	2.	1.414	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/27/87-10/25/89	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/27/87-09/21/88	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	08/27/87-10/25/89	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/27/87-09/21/88	2	0.35	0.35	0.5	0.2	0.045	0.212	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/27/87-10/25/89	3	0.1	0.083	0.1	0.05	0.001	0.029	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/27/87-09/21/88	2	0.02	0.02	0.03	0.01	0.	0.014	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/27/87-09/21/88	2	0.015	0.015	0.02	0.01	0.	0.007	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/27/87-10/25/89	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/27/87-10/25/89	3	4.6	4.467	4.9	3.9	0.263	0.513	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/27/87-10/25/89	3	1.	1.	1.1	0.9	0.01	0.1	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/27/87-10/25/89	3	1.6	1.6	1.8	1.4	0.04	0.2	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/27/87-10/25/89	3	0.4	0.5	0.8	0.3	0.07	0.265	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/27/87-10/25/89	3	0.7	0.767	1.	0.6	0.043	0.208	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/27/87-10/25/89	3	3.	3.	4.	2.	1.	1.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/27/87-10/25/89	3	0.1	0.083	0.1	0.05	0.001	0.029	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/27/87-10/25/89	3	6.9	6.967	7.4	6.6	0.163	0.404	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/27/87-10/25/89	3 ##	0.5	0.667	1.	0.5	0.083	0.289	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	08/27/87-10/25/89	3	55.	54.667	61.	48.	42.333	6.506	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	08/27/87-10/25/89	3 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/27/87-10/25/89	3 ##	0.5	0.667	1.	0.5	0.083	0.289	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/27/87-10/25/89	3	1.	2.	4.	1.	3.	1.732	**	**	**	**

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

Parameter Inventory for Station: GRBA0322

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01035	COBALT, DISSOLVED (UG/L AS CO)	08/27/87-10/25/89	3 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	08/27/87-10/25/89	3 ##	0.5	1.	2.	0.5	0.75	0.866	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/27/87-10/25/89	3	52.	45.	54.	29.	193.	13.892	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	08/27/87-10/25/89	3 ##	2.5	1.833	2.5	0.5	1.333	1.155	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/27/87-10/25/89	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	08/27/87-10/25/89	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	08/27/87-10/25/89	3 ##	0.5	0.667	1.	0.5	0.083	0.289	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	08/27/87-10/25/89	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/27/87-10/25/89	3	23.	21.667	24.	18.	10.333	3.215	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	08/27/87-10/25/89	3 ##	3.	3.	3.	3.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/27/87-10/25/89	3	5.	4.667	6.	3.	2.333	1.528	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/27/87-10/25/89	3	60.	53.333	70.	30.	433.333	20.817	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/27/87-10/25/89	3 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	08/27/87-10/25/89	3 ##	0.5	0.667	1.	0.5	0.083	0.289	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/27/87-10/25/89	3	25.	24.333	34.	14.	100.333	10.017	**	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	08/27/87-10/25/89	3 ##	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: GRBA0322

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	2	0	0.00	1	0	0.00				1	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	3	0	0.00	2	0	0.00				1	0	0.00			
00400	PH	Fresh Chronic	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	Fresh Chronic	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			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	3	0	0.00	2	0	0.00				1	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 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			
		Drinking Water	250.	3	0	0.00	2	0	0.00				1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	3	0	0.00	2	0	0.00				1	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	3	0	0.00	2	0	0.00				1	0	0.00			
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	3	0	0.00	2	0	0.00				1	0	0.00			
		Drinking Water	50.	3	0	0.00	2	0	0.00				1	0	0.00			
01005	BARIUM, DISSOLVED	Drinking Water	2000.	3	0	0.00	2	0	0.00				1	0	0.00			
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	3	0	0.00	2	0	0.00				1	0	0.00			
		Drinking Water	4.	3	0	0.00	2	0	0.00				1	0	0.00			
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	3	0	0.00	2	0	0.00				1	0	0.00			
		Drinking Water	5.	3	0	0.00	2	0	0.00				1	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	3	0	0.00	2	0	0.00				1	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	3	0	0.00	2	0	0.00				1	0	0.00			
		Drinking Water	1300.	3	0	0.00	2	0	0.00				1	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	3	0	0.00	2	0	0.00				1	0	0.00			
		Drinking Water	15.	3	0	0.00	2	0	0.00				1	0	0.00			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	3	0	0.00	2	0	0.00				1	0	0.00			
		Drinking Water	100.	3	0	0.00	2	0	0.00				1	0	0.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	3	0	0.00	2	0	0.00				1	0	0.00			
		Drinking Water	100.	3	0	0.00	2	0	0.00				1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	3	0	0.00	2	0	0.00				1	0	0.00			
		Drinking Water	5000.	3	0	0.00	2	0	0.00				1	0	0.00			
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	3	0	0.00	2	0	0.00				1	0	0.00			
		Drinking Water	50.	3	0	0.00	2	0	0.00				1	0	0.00			
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	3	0	0.00	2	0	0.00				1	0	0.00			
		Drinking Water	2.	3	0	0.00	2	0	0.00				1	0	0.00			

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

Station Inventory for Station: GRBA0323

NPS Station ID: GRBA0323 LAT/LON: 39.011670/-114.256337 Agency: 11NPSWRD Date Created: 02/27/99
Location: SOURCE SPRING FOR LEHMAN CREEK CAMPGROUNDS FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING STORET Station ID(s): GRBA_NVSHL_LCC
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 Depth of Water: 0 Aquifer:
Major Basin: GREAT BASIN Elevation: 0 Water Body Id:
Minor Basin: GREAT SALT LAKE ECO Region:
RF1 Index: 16020301 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 16020301119900.00 RF3 Mile Point: 1.19 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT THE LEHMAN CREEK CAMPGROUND SPRING INSIDE OF GREAT BASIN NATIONAL PARK. THIS SPRING PROVIDES THE WATER FOR THE UPPER AND LOWER LEHMAN CREEK CAMPGROUNDS WATER SYSTEM; WHICH SHARES A BAG FILTRATION AND CHLORINA- TION TREATMENT SYSTEM WITH WHEELER PEAK CAMPGROUND AND BAKER CREEK CAMPGROUND. NEVADA STATE HEALTH LABORATORY SAMPLED PRIOR TO TREATMENT TO DETERMINE IF THE DOMESTIC DRINKING WATER SUPPLY MET WITH SAFE DRINKING WATER ACT COMPLIANCE. FOR MORE INFORMATION ON THE PARK CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0323

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00080	COLOR (PLATINUM-COBALT UNITS)	07/22/88-07/22/88	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/22/88-07/22/88	1	94.	94.	94.	94.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/22/88-07/22/88	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/22/88-07/22/88	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/22/88-07/22/88	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/22/88-07/22/88	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	07/22/88-07/22/88	1	22.	22.	22.	22.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	07/22/88-07/22/88	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/22/88-07/22/88	1	1.9	1.9	1.9	1.9	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/22/88-07/22/88	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	07/22/88-07/22/88	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	07/22/88-07/22/88	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	07/22/88-07/22/88	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	07/22/88-07/22/88	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/22/88-07/22/88	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/22/88-07/22/88	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	07/22/88-07/22/88	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	07/22/88-07/22/88	1	9.	9.	9.	9.	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	07/22/88-07/22/88	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	07/22/88-07/22/88	1	60.	60.	60.	60.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	07/22/88-07/22/88	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	07/22/88-07/22/88	1	190.	190.	190.	190.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: GRBA0323

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01055	MANGANESE, TOTAL (UG/L AS MN)	07/22/88-07/22/88	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	07/22/88-07/22/88	1	440.	440.	440.	440.	0.	0.	**	**	**	**
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	07/22/88-07/22/88	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/22/88-07/22/88	1	59.	59.	59.	59.	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	07/22/88-07/22/88	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

EPA Water Quality Criteria Analysis for Station: GRBA0323

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00							1	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00							1	0	0.00			
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	1	0	0.00							1	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00							1	0	0.00			
		Drinking Water	50.	1	0	0.00							1	0	0.00			
01007	BARIUM, TOTAL	Drinking Water	2000.	1	0	0.00							1	0	0.00			
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	1	1.00							1	1	1.00			
		Drinking Water	5000.	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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0324

NPS Station ID: GRBA0324 | LAT/LON: 39.011670/-114.256337 | Agency: 11NPSWRD | Date Created: 03/13/99
Location: LEHMAN CREEK CAMPGROUND | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): GRBA_ACE_LCC
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 0 | Water Body Id:
Minor Basin: GREAT SALT LAKE | ECO Region:
RF1 Index: 16020301 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK NV 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT THE SOURCE SPRING FOR LEHMAN CREEK CAMPGROUND AND IS WITHIN THE BOUNDARIES OF GREAT BASIN NATIONAL PARK. THE DATA ARE REPORTED IN THE "GREAT BASIN NATIONAL PARK FEASIBILITY STUDY FOR WATER AND WASTEWATER SERVICE;" SEPTEMBER 1991. THIS STUDY WAS CONDUCTED BY THE NATIONAL PARK SERVICE USING DATA COLLECTED BY SEVERAL DIFFERENT AGENCIES. DATA FOR THIS STATION WERE COLLECTED BY ACE PACIFIC COMPANY. THE PURPOSE OF THE STUDY WAS TO "DEVELOP AND EVALUATE WATER SUPPLY AND TREATMENT ALTERNATIVES...FOR THE GREAT BASIN NATIONAL PARK AND NEARBY EXISTING AND FUTURE POPULATION CENTERS." FOR INFORMATION ON THE PARK CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DR. SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0324

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	PH (STANDARD UNITS)	06/30/89-06/30/89	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/30/89-06/30/89	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/30/89-06/30/89	1	0.126	0.126	0.126	0.126	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/30/89-06/30/89	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/30/89-06/30/89	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	06/30/89-06/30/89	1	2.8	2.8	2.8	2.8	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	06/30/89-06/30/89	1	2.9	2.9	2.9	2.9	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	06/30/89-06/30/89	1	2.4	2.4	2.4	2.4	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/30/89-06/30/89	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	06/30/89-06/30/89	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	06/30/89-06/30/89	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	06/30/89-06/30/89	1	60.	60.	60.	60.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	06/30/89-06/30/89	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	06/30/89-06/30/89	1	26.	26.	26.	26.	0.	0.	**	**	**	**
04208	ANIONS, SUM, TOTAL, WATER MEQ/L	06/30/89-06/30/89	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
04226	CATIONS, SUM, TOTAL, WATER MEQ/L	06/30/89-06/30/89	1	0.48	0.48	0.48	0.48	0.	0.	**	**	**	**
50938	ANION - CATION RATIO	06/30/89-06/30/89	1	8.31	8.31	8.31	8.31	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/30/89-06/30/89	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: GRBA0324

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	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			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	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			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: GRBA0325

NPS Station ID: GRBA0325
LAT/LON: 39.011809/-114.300671
Agency: 11NPSWRD
Date Created: 03/06/99
Location: LEHMAN CREEK SPRING 3
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): GRBA_ACHEM_LCS3
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 3133
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPO.) QUADRANGLE. THE SITE IS LOCATED AT A SPRING NORTH OF LEHMAN CREEK; APPROXIMATELY 1 MILE EAST OF STELLA LAKE; AND IS WITHIN THE BOUNDARIES OF GREAT BASIN NATIONAL PARK. DATA ARE FROM A MASTER'S THESIS PREPARED BY STEPHEN ACHAEMPONG; "ISOTOPE HYDROLOGY OF LEHMAN AND BAKER CREEKS DRAINAGES; GREAT BASIN NATIONAL PARK; NEVADA." THIS THESIS WAS SUBMITTED TO THE DEPARTMENT OF GEOSCIENCE; UNIVERSITY OF NEVADA; LAS VEGAS IN AUGUST OF 1992. DATA WERE COLLECTED IN ORDER TO UNDERSTAND THE RECHARGE AND MIXING MECHANISMS OF WATER RESOURCES IN THE PARK USING ENVIRONMENTALLY STABLE ISOTOPES OF DEUTERIUM AND OXYGEN-18. DATES WERE ESTIMATED AS RAW DATA WERE UNAVAILABLE. FOR MORE INFORMATION ON THE PARK CONTACT THE CHIEF OF RESOURCES AT GRBA; BAKER NV 89311-9700 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NPS WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0325

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/15/90-09/15/91	6	4.5	4.883	7.5	3.	2.562	1.601	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/15/90-09/15/91	6	36.	36.333	42.	28.	28.267	5.317	**	**	**	**
82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	08/15/90-09/15/91	6	-113.5	-113.333	-111.	-115.	1.867	1.366	**	**	**	**
82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	08/15/90-09/15/91	6	-16.	-16.	-16.	-16.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: GRBA0326

NPS Station ID: GRBA0326 LAT/LON: 39.011949/-114.255003 Agency: 11NPSWRD Date Created: 12/19/98
Location: LEHMAN CREEK ABOVE LEHMAN CAMPGROUND FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): GRBA_MAINT_4
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 Depth of Water: 0 Aquifer:
Major Basin: GREAT BASIN Elevation: 0 Water Body Id:
Minor Basin: GREAT SALT LAKE ECO Region:
RF1 Index: 16020301 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 16020301119900.00 RF3 Mile Point: 1.19 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT LEHMAN CREEK UPSTREAM OF LEHMAN CAMPGROUND AND IS WITHIN THE GREAT BASIN NATIONAL PARK BOUNDARY. DATA WERE COLLECTED AS PART OF THE PARK'S SURFACE WATER QUALITY MONITORING PROGRAM AND ARE AVAILABLE THROUGH THE MAINTENANCE DIVISION. FOR 1991-1997; SAMPLING DATES WERE ESTIMATED TO BE THE 15TH OF EACH MONTH. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0326

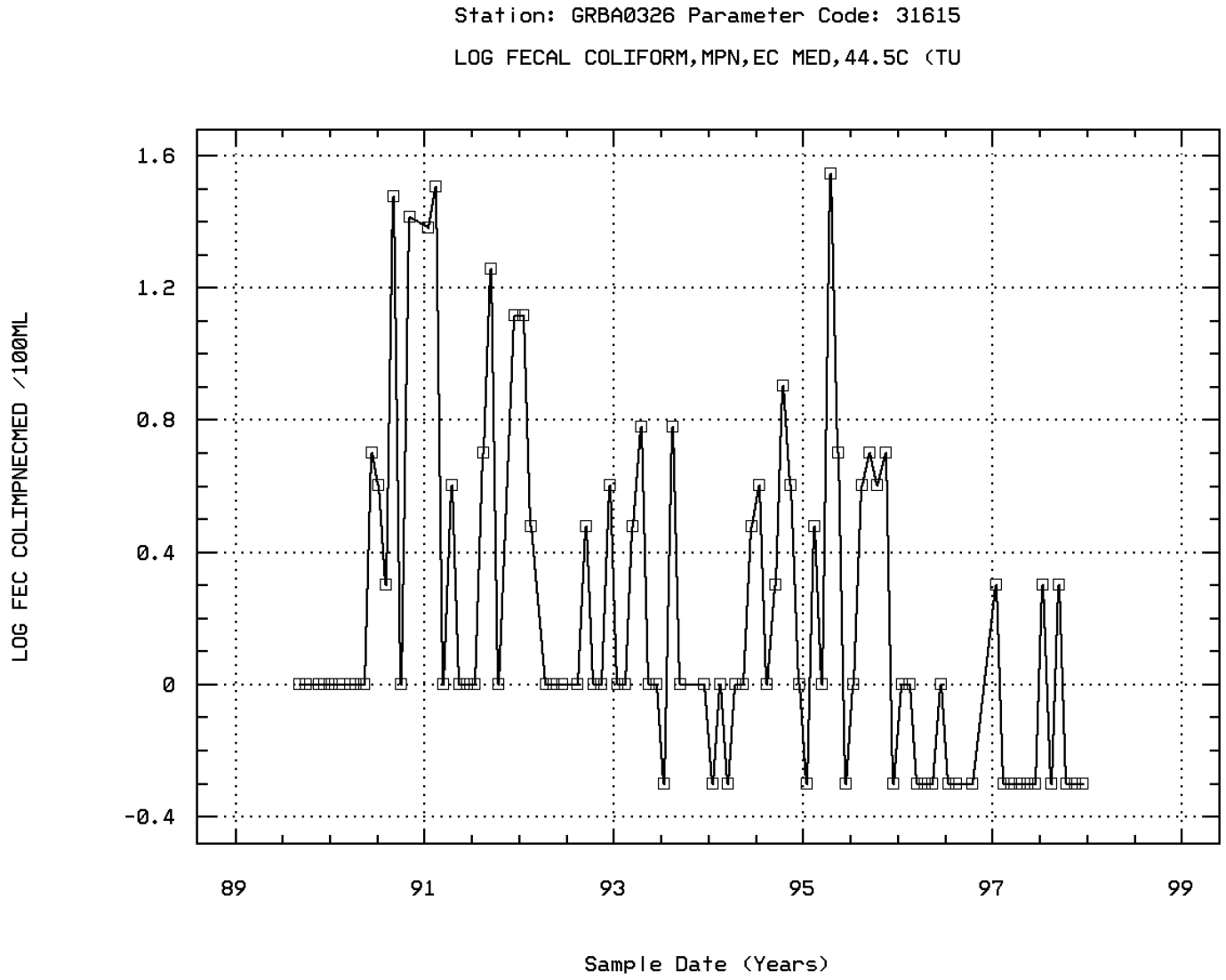
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/05/89-12/15/97	95 ##	0.5	3.679	35.	0.	49.26	7.019	0.	0.	4.	10.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/05/89-12/15/97	95 ##	-0.301	0.237	1.544	-0.301	0.255	0.505	0.	0.	0.602	1.
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.727								
31672p	FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C48	09/05/89-12/15/97	95	6.	17.826	100.	0.	530.781	23.039	0.8	3.	24.	59.8
31672p	LOG FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35	09/05/89-12/15/97	95	0.778	0.856	2.	-0.301	0.408	0.639	-0.12	0.477	1.38	1.777
31672p	GM FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C	GEOMETRIC MEAN =			7.177								
61206	E.COLI, WATER, MMO-MUG, MPN MPN/100ML	11/15/96-12/15/96	2 ##	4.75	4.75	9.	0.5	36.125	6.01	**	**	**	**

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

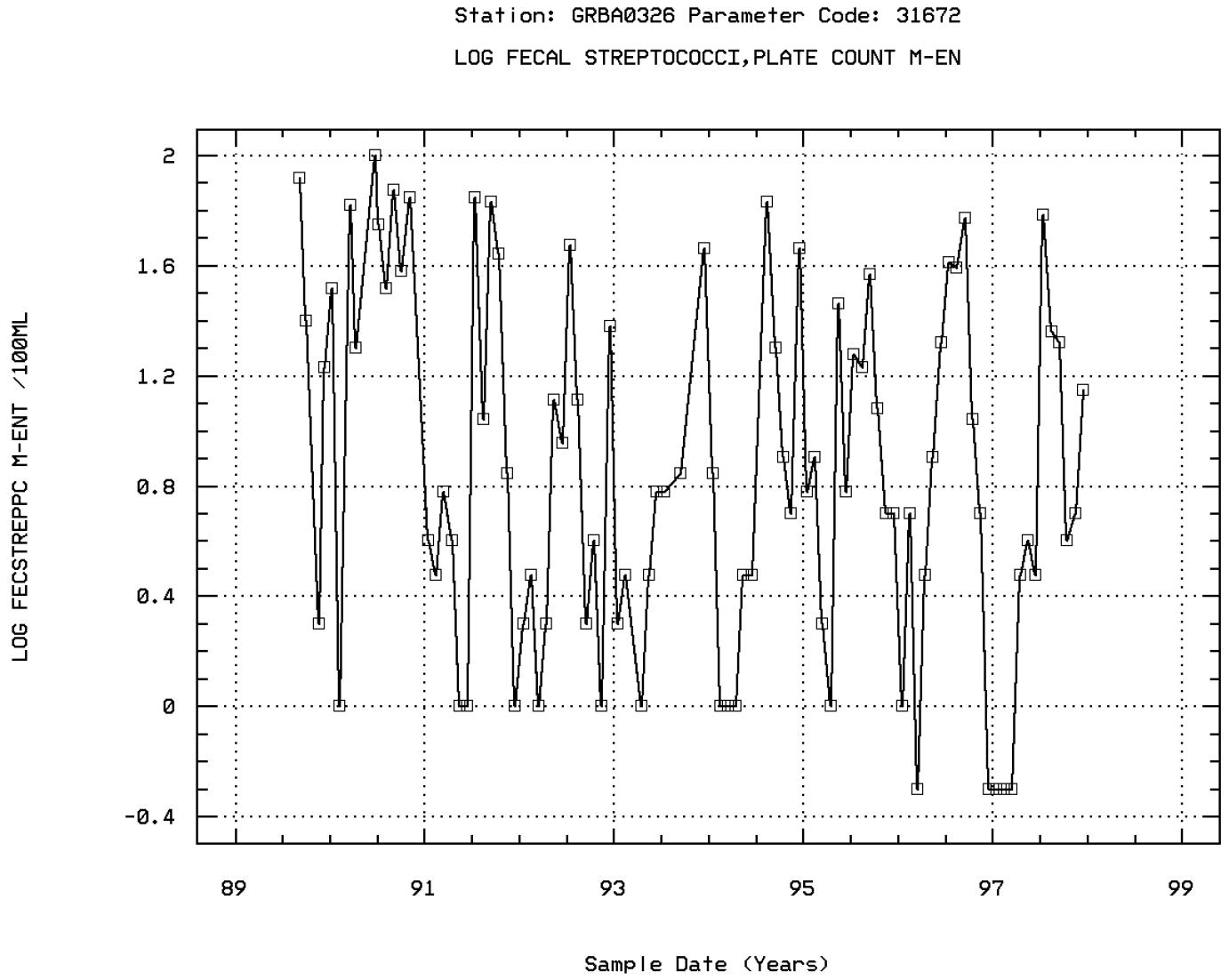
EPA Water Quality Criteria Analysis for Station: GRBA0326

			Total	Exceed	Prop.	----------9/15-4/14----------			----------4/15-6/14----------			----------6/15-9/14----------			----------n/a----------		
Parameter	Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31615 FECAL COLIFORM, MPN	Other-Hi Lim.	200.	95	0	0.00	54	0	0.00	16	0	0.00	25	0	0.00			

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



LEHMAN CREEK ABOVE LEHMAN CAMPGROUND



LEHMAN CREEK ABOVE LEHMAN CAMPGROUND

Annual Analysis for 1989 - Station GRBA0326

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/05/89-12/15/97	4 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/05/89-12/15/97	4 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.								
31672p	FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C48	09/05/89-12/15/97	4	21.	31.75	83.	2.	1258.25	35.472	**	**	**	**
31672p	LOG FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35	09/05/89-12/15/97	4	1.314	1.212	1.919	0.301	0.455	0.674	**	**	**	**
31672p	GM FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C	GEOMETRIC MEAN =			16.298								

** - Less than 9 observations ## - Computed 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 GRBA0326

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/05/89-12/15/97	11	1.	6.182	30.	0.	120.164	10.962	0.	0.	5.	29.2
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/05/89-12/15/97	11	0.	0.409	1.477	0.	0.329	0.574	0.	0.	0.699	1.465
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.562								
31672p	FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C48	09/05/89-12/15/97	11	38.	45.545	100.	0.	932.073	30.53	2.	20.	70.	95.
31672p	LOG FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35	09/05/89-12/15/97	11	1.58	1.473	2.	0.	0.321	0.567	0.2	1.301	1.845	1.975
31672p	GM FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C	GEOMETRIC MEAN =			29.734								

** - Less than 9 observations ## - Computed 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 GRBA0326

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/05/89-12/15/97	12	4.5	9.	32.	0.	114.909	10.72	0.	0.25	16.75	29.6
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/05/89-12/15/97	12	0.651	0.63	1.505	0.	0.371	0.609	0.	0.	1.22	1.468
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.262								
31672p	FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C48	09/05/89-12/15/97	12	5.	18.25	70.	0.	701.114	26.479	0.3	1.5	35.75	69.4
31672p	LOG FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35	09/05/89-12/15/97	12	0.69	0.806	1.845	0.	0.458	0.676	0.	0.119	1.493	1.841
31672p	GM FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C	GEOMETRIC MEAN =			6.391								

** - Less than 9 observations ## - Computed 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 GRBA0326

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/05/89-12/15/97	12	2.	3.667	13.	0.	22.061	4.697	0.	0.	8.5	12.1
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/05/89-12/15/97	12	0.239	0.389	1.114	0.	0.204	0.451	0.	0.	0.901	1.08
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.45								
31672p	FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C48	09/05/89-12/15/97	12	3.5	10.	47.	0.	185.636	13.625	0.3	2.	13.	40.1
31672p	LOG FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35	09/05/89-12/15/97	12	0.54	0.685	1.672	0.	0.303	0.55	0.	0.301	1.114	1.585
31672p	GM FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C	GEOMETRIC MEAN =			4.839								

** - Less than 9 observations ## - Computed 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 GRBA0326

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/05/89-12/15/97	10	1.	1.85	6.	0.	5.558	2.358	0.	0.	3.75	6.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/05/89-12/15/97	10	0.	0.173	0.778	-0.301	0.137	0.37	0.	0.	0.552	0.778
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.49								

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

Annual Analysis for 1993 - Station GRBA0326

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31672p	FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C48	09/05/89-12/15/97	9	6.	9.333	46.	1.	197.	14.036	1.	2.5	8.5	46.
31672p	LOG FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35	09/05/89-12/15/97	9	0.778	0.702	1.663	0.	0.225	0.474	0.	0.389	0.923	1.663
31672p	GM FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C	GEOMETRIC MEAN =			5.037								

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

Annual Analysis for 1994 - Station GRBA0326

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/05/89-12/15/97	12 ##	0.75	1.917	8.	0.	6.038	2.457	0.	0.	3.75	6.8
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/05/89-12/15/97	12 ##	-0.151	0.19	0.903	-0.301	0.146	0.382	0.	0.	0.571	0.813
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.55								
31672p	FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C48	09/05/89-12/15/97	11	5.	14.727	68.	0.	491.218	22.163	0.2	1.	20.	63.6
31672p	LOG FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35	09/05/89-12/15/97	11	0.699	0.745	1.833	0.	0.418	0.647	0.	0.	1.301	1.799
31672p	GM FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C	GEOMETRIC MEAN =			5.562								

** - Less than 9 observations ## - Computed 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 1995 - Station GRBA0326

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/05/89-12/15/97	12	3.5	5.292	35.	0.	91.521	9.567	0.15	0.5	5.	26.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/05/89-12/15/97	12	0.54	0.368	1.544	-0.301	0.313	0.56	-0.09	-0.301	0.699	1.291
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.335								
31672p	FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C48	09/05/89-12/15/97	12	7.	12.25	37.	1.	126.75	11.258	1.3	5.	18.5	34.6
31672p	LOG FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35	09/05/89-12/15/97	12	0.841	0.898	1.568	0.	0.212	0.46	0.09	0.699	1.267	1.536
31672p	GM FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C	GEOMETRIC MEAN =			7.909								

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

Annual Analysis for 1996 - Station GRBA0326

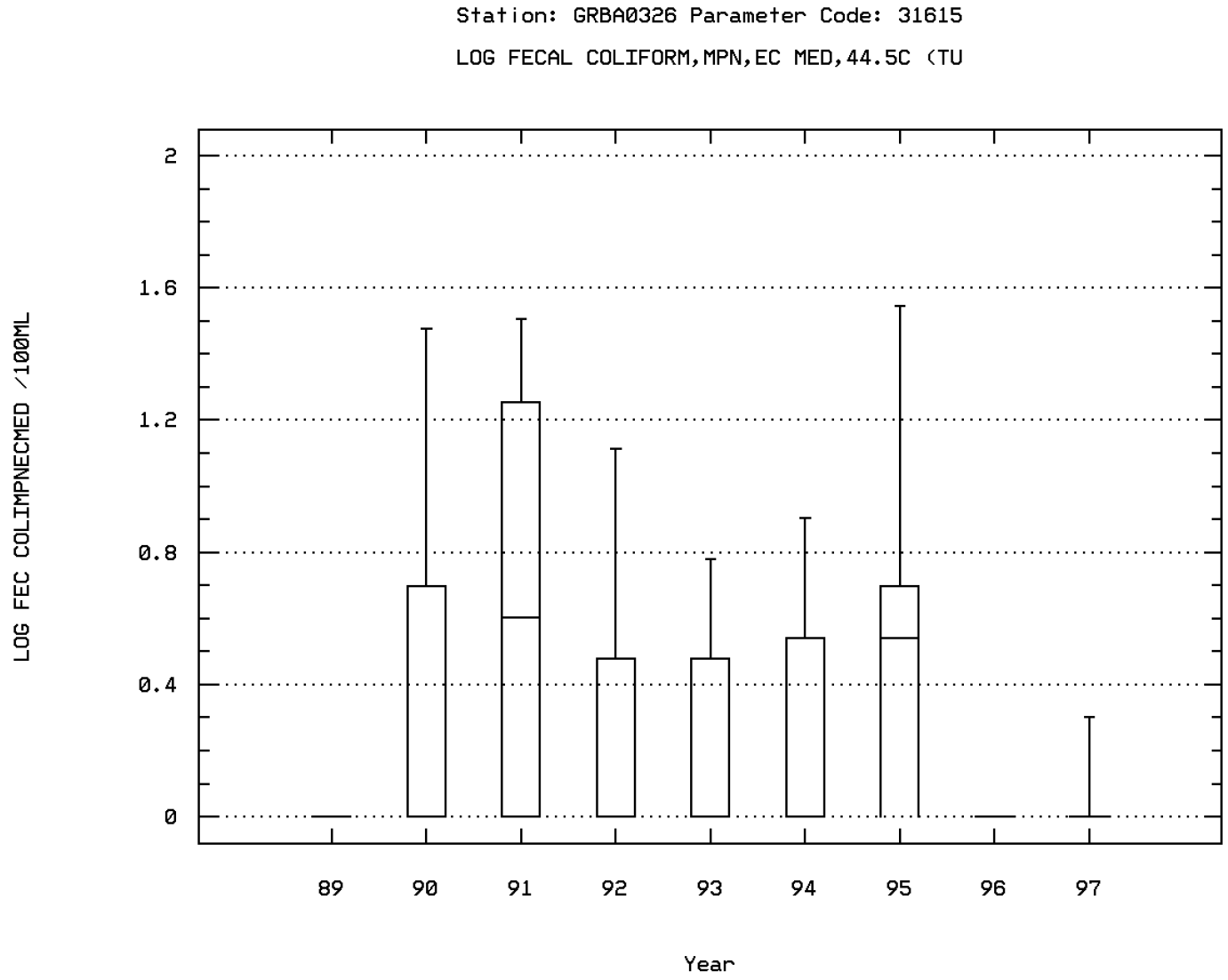
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/05/89-12/15/97	10 ##	0.5	1.4	10.	0.	9.211	3.035	0.	0.375	0.625	9.1
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/05/89-12/15/97	10 ##	-0.301	-0.081	1.	-0.301	0.164	0.405	0.	-0.226	-0.226	0.9
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			0.831								
31672p	FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C48	09/05/89-12/15/97	12	6.5	16.167	59.	0.5	384.833	19.617	0.5	1.5	34.5	53.6
31672p	LOG FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35	09/05/89-12/15/97	12	0.801	0.793	1.771	-0.301	0.524	0.724	-0.301	0.119	1.524	1.723
31672p	GM FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C	GEOMETRIC MEAN =			6.207								

** - Less than 9 observations ## - Computed 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 1997 - Station GRBA0326

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/05/89-12/15/97	12 ##	0.5	0.875	2.	0.5	0.46	0.678	0.5	0.5	1.625	2.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/05/89-12/15/97	12 ##	-0.301	-0.151	0.301	-0.301	0.074	0.272	-0.301	-0.301	0.151	0.301
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			0.707								
31672p	FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C48	09/05/89-12/15/97	12	4.	11.625	61.	0.5	303.733	17.428	0.5	1.125	19.25	49.6
31672p	LOG FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35	09/05/89-12/15/97	12	0.602	0.631	1.785	-0.301	0.479	0.692	-0.301	-0.106	1.278	1.658
31672p	GM FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C	GEOMETRIC MEAN =			4.274								

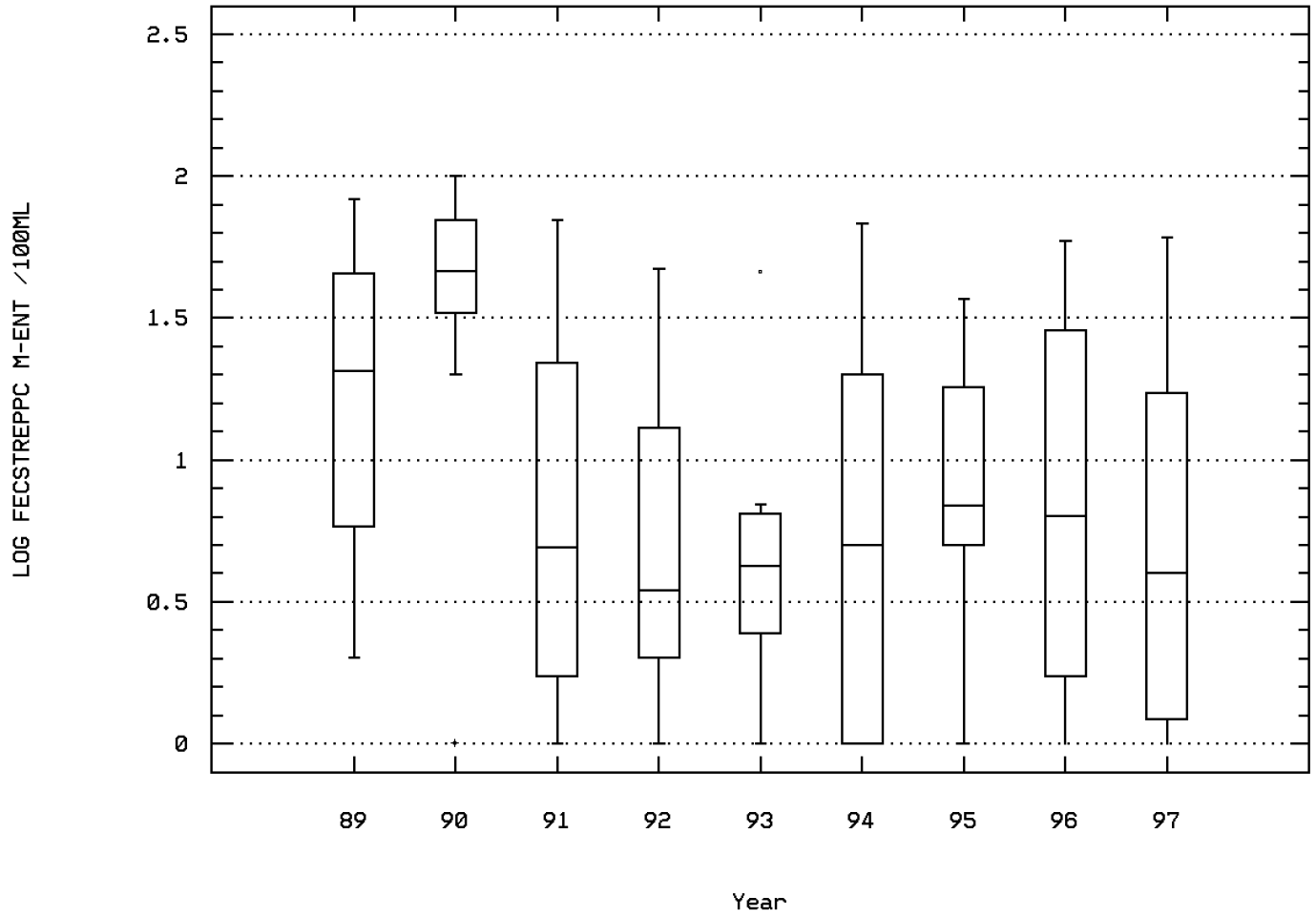
** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot



LEHMAN CREEK ABOVE LEHMAN CAMPGROUND

Station: GRBA0326 Parameter Code: 31672

LOG FECAL STREPTOCOCCI,PLATE COUNT M-EN



LEHMAN CREEK ABOVE LEHMAN CAMPGROUND

Seasonal Analysis for Season #1: 9/15 to 4/14 - Station GRBA0326

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/05/89-12/15/97	54 ##	0.75	3.972	32.	0.	49.127	7.009	0.	0.	4.	13.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/05/89-12/15/97	54 ##	-0.151	0.266	1.505	-0.301	0.273	0.522	0.	0.	0.602	1.114
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.847								
31672p	FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C48	09/05/89-12/15/97	56	5.	14.241	70.	0.	362.964	19.052	0.5	2.	20.	46.
31672p	LOG FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35	09/05/89-12/15/97	56	0.699	0.758	1.845	-0.301	0.404	0.635	-0.301	0.301	1.301	1.663
31672p	GM FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C	GEOMETRIC MEAN =			5.724								

** - Less than 9 observations ## - Computed 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: 4/15 to 6/14 - Station GRBA0326

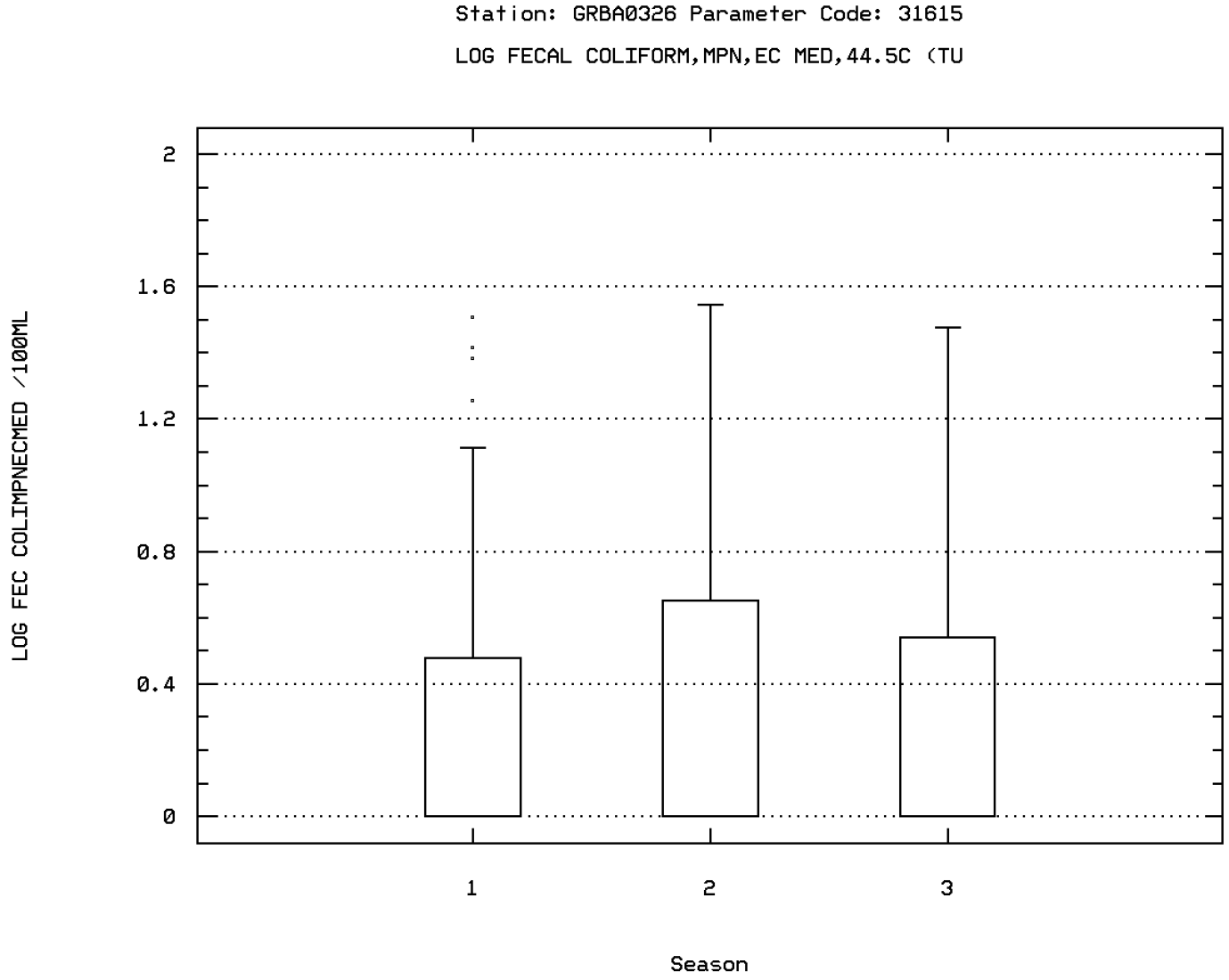
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/05/89-12/15/97	16 ##	0.5	3.625	35.	0.	74.583	8.636	0.	0.	4.75	14.7
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/05/89-12/15/97	16 ##	-0.301	0.195	1.544	-0.301	0.272	0.522	0.	0.	0.675	1.008
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.566								
31672p	FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C48	09/05/89-12/15/97	15	3.	5.667	29.	0.	54.81	7.403	0.6	1.	8.	19.4
31672p	LOG FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35	09/05/89-12/15/97	15	0.477	0.526	1.462	0.	0.198	0.445	0.	0.	0.903	1.253
31672p	GM FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C	GEOMETRIC MEAN =			3.359								

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

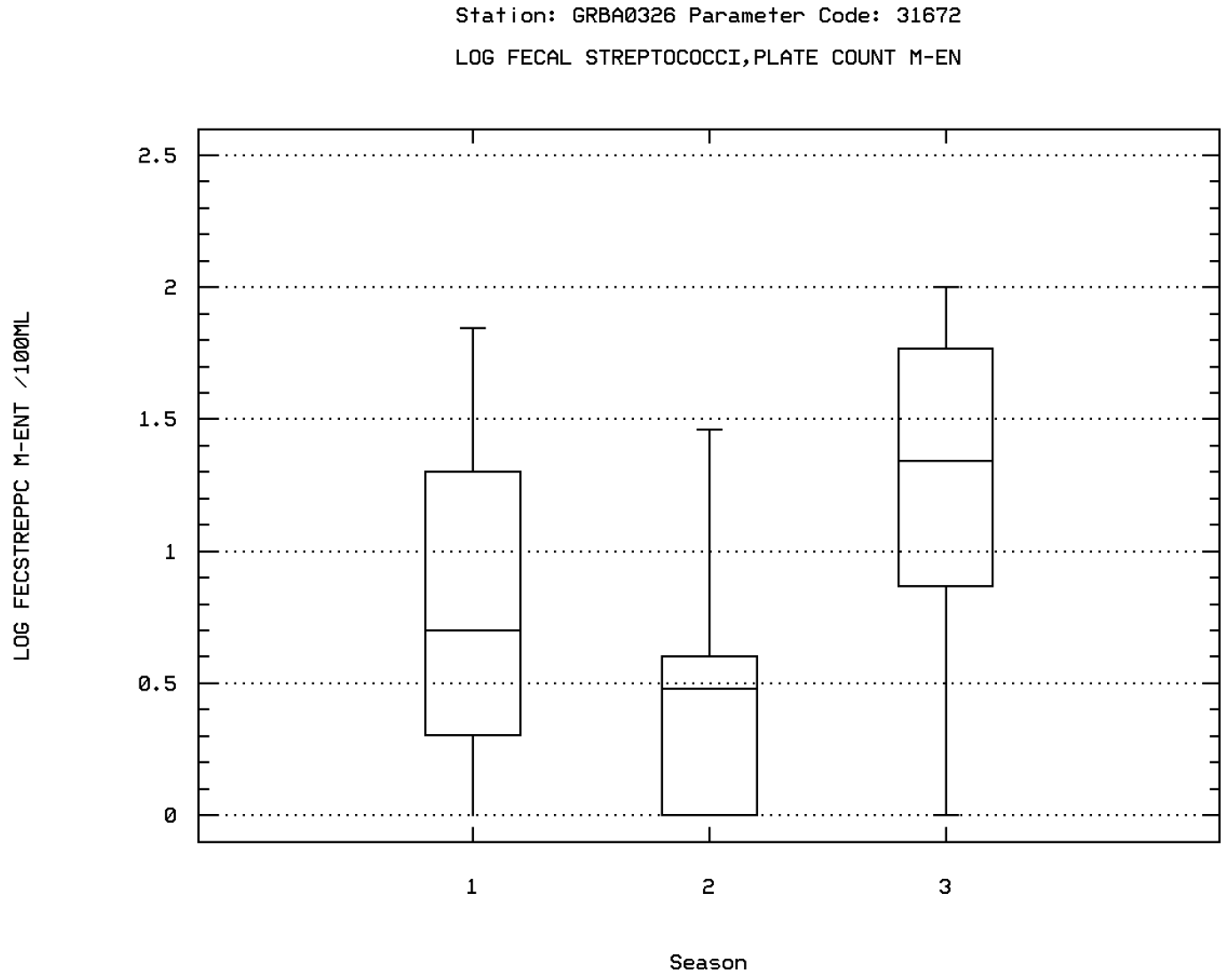
Seasonal Analysis for Season #3: 6/15 to 9/14 - Station GRBA0326

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/05/89-12/15/97	25	1.	3.08	30.	0.	37.264	6.104	0.	0.5	4.	7.6
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/05/89-12/15/97	25	0.	0.201	1.477	-0.301	0.221	0.47	0.	-0.301	0.602	0.867
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.59								
31672p	FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C48	09/05/89-12/15/97	24	22.	33.792	100.	1.	874.259	29.568	3.	6.75	59.75	79.
31672p	LOG FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35	09/05/89-12/15/97	24	1.342	1.291	2.	0.	0.29	0.539	0.477	0.822	1.776	1.897
31672p	GM FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C	GEOMETRIC MEAN =			19.557								

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



LEHMAN CREEK ABOVE LEHMAN CAMPGROUND



LEHMAN CREEK ABOVE LEHMAN CAMPGROUND

Station Inventory for Station: GRBA0327

NPS Station ID: GRBA0327 LAT/LON: 39.012087/-114.257059 Agency: 11NPSWRD Date Created: 07/11/98
Location: LEHMAN CREEK ABOVE LEHMAN CG SPRING ENCLOSURE FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): GRBA_NPS_LEH2
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 Depth of Water: 0 Aquifer:
Major Basin: GREAT BASIN Elevation: 8700 Water Body Id:
Minor Basin: GREAT SALT LAKE ECO Region:
RF1 Index: 16020301 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 16020301119900.00 RF3 Mile Point: 1.19 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT LEHMAN CREEK 10 METERS ABOVE LEHMAN CAMPGROUND SPRING ENCLOSURE AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK BOUNDARY. THE DATA ARE FROM SEVERAL YEARLY REPORTS (1990-97) BY KURT PFAFF; PHYSICAL SCIENCE TECHNICIAN FOR GREAT BASIN NATIONAL PARK. A SURFACE WATER QUALITY MONITORING PROGRAM WAS INSTITUTED TO ACQUIRE THE DATA FROM THE PARK WATERS ON A SEMI-ANNUAL BASIS. DATA ARE INTEGRATED INTO THE PARK'S WATER RESOURCE MANAGEMENT PLAN IN ORDER TO PERPETUATE THE INHERENT NATURAL INTEGRITY OF ITS WATER-DEPENDENT ENVIRONMENTS. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0327

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/06/93-10/27/95	5	4.	4.6	9.	2.	7.3	2.702	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/07/91-10/27/95	7	40.	39.286	43.	28.	26.238	5.122	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	10/07/91-10/27/95	14	7.445	7.418	7.62	6.98	0.021	0.146	7.155	7.388	7.483	7.58
00406	CONVERTED PH, FIELD, STANDARD UNITS	10/07/91-10/27/95	14	7.445	7.39	7.62	6.98	0.022	0.148	7.155	7.387	7.483	7.58
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/91-10/27/95	14	0.036	0.041	0.105	0.024	0.	0.019	0.026	0.033	0.041	0.076

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

EPA Water Quality Criteria Analysis for Station: GRBA0327

			Total	Exceed	Prop.	----------9/15-4/14----------			----------4/15-6/14----------			----------6/15-9/14----------			----------n/a----------		
Parameter	Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00406 PH, FIELD	Fresh Chronic	9.	14	0	0.00	10	0	0.00	2	0	0.00	2	0	0.00			
	Other-Lo Lim.	6.5	14	0	0.00	10	0	0.00	2	0	0.00	2	0	0.00			

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

Station Inventory for Station: GRBA0328

NPS Station ID: GRBA0328
LAT/LON: 39.012226/-114.130838
Agency: 11NPSWRD
Date Created: 08/15/98
Location: LEHMAN CREEK #22
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): GRBA_USGS_LCK22
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE LEHMAN CAVES NV 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED ON LEHMAN CREEK AND IS OUTSIDE THE BOUNDARIES OF GREAT BASIN NATIONAL PARK. THE DATA ARE FROM A REPORT BY THE U.S. GEOLOGICAL SURVEY; "GREAT BASIN PARK SEEPAGE RUN; SEPTEMBER 1-3; 1992"; AND CAN ALSO BE FOUND IN THE 1992 ANNUAL WATER DATA OF NEVADA REPORT. THE PURPOSE OF THIS REPORT WAS TO DOCUMENT GAINING AND LOSING REACHES OF STREAMS DURING A PERIOD OF SUSTAINED LOW FLOW IN THE PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0328

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/92-09/02/92	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/02/92-09/02/92	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/92-09/02/92	1	92.	92.	92.	92.	0.	0.	**	**	**	**

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

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

Station Inventory for Station: GRBA0329

NPS Station ID: GRBA0329 | LAT/LON: 39.012226/-114.253616 | Agency: 11NPSWRD | Date Created: 08/15/98
Location: LEHMAN CREEK #9 | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): GRBA_USGS_LCK9
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 0 | Water Body Id:
Minor Basin: GREAT SALT LAKE | ECO Region:
RF1 Index: 16020301 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK NV 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED ON LEHMAN CREEK AND IS WITHIN THE BOUNDARIES OF GREAT BASIN NATIONAL PARK. THE DATA ARE FROMA REPORT BY THE U.S. GEOLOGICAL SURVEY; "GREAT BASIN PARK SEEPAGE RUN; SEPTEMBER 1-3; 1992"; AND CAN ALSO BE FOUND IN THE 1992 ANNUAL WATER DATA OF NEVADA REPORT. THE PURPOSE OF THIS REPORT WAS TO DOCUMENT GAINING AND LOSING REACHES OF STREAMS DURING A PERIOD OF SUSTAINED LOW FLOW IN THE PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0329

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/01/92-09/01/92	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/01/92-09/01/92	1	36.	36.	36.	36.	0.	0.	**	**	**	**

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

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

Station Inventory for Station: GRBA0330

NPS Station ID: GRBA0330
LAT/LON: 39.012226/-114.253893
Agency: 11NPSWRD
Date Created: 08/15/98
Location: LEHMAN CREEK #8
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): GRBA_USGS_LCK8
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK NV 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED ON LEHMAN CREEK AND IS WITHIN THE BOUNDARIES OF GREAT BASIN NATIONAL PARK. THE DATA ARE FROMA REPORT BY THE U.S. GEOLOGICAL SURVEY; "GREAT BASIN PARK SEEPAGE RUN; SEPTEMBER 1-3; 1992"; AND CAN ALSO BE FOUND IN THE 1992 ANNUAL WATER DATA OF NEVADA REPORT. THE PURPOSE OF THIS REPORT WAS TO DOCUMENT GAINING AND LOSING REACHES OF STREAMS DURING A PERIOD OF SUSTAINED LOW FLOW IN THE PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0330

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/01/92-09/01/92	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/01/92-09/01/92	1	36.	36.	36.	36.	0.	0.	**	**	**	**

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

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

Station Inventory for Station: GRBA0331

NPS Station ID: GRBA0331 | LAT/LON: 39.012281/-114.297253 | Agency: 11NPSWRD | Date Created: 03/06/99
Location: LEHMAN CREEK SPRING 2 | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): GRBA_ACHEM_LCS2
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 3109 | Water Body Id:
Minor Basin: GREAT SALT LAKE | ECO Region:
RF1 Index: 16020301 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPO.) QUADRANGLE. THE SITE IS LOCATED AT A SPRING NORTH OF LEHMAN CREEK; APPROXIMATELY 1.25 MILES EAST OF STELLA LAKE; AND WITHIN THE BOUNDARIES OF GREAT BASIN NATIONAL PARK. DATA ARE FROM A MASTER'S THESIS PREPARED BY STEPHEN ACHAEMPONG; "ISOTOPE HYDROLOGY OF LEHMAN AND BAKER CREEKS DRAINAGES; GREAT BASIN NATIONAL PARK; NEVADA." THIS THESIS WAS SUBMITTED TO THE DEPARTMENT OF GEOSCIENCE; UNIVERSITY OF NEVADA; LAS VEGAS IN AUGUST OF 1992. DATA WERE COLLECTED IN ORDER TO UNDERSTAND THE RECHARGE AND MIXING MECHANISMS OF WATER RESOURCES IN THE PARK USING ENVIRONMENTALLY STABLE ISOTOPES OF DEUTERIUM AND OXYGEN-18. DATES WERE ESTIMATED AS RAW DATA WERE UNAVAILABLE. FOR MORE INFORMATION ON THE PARK CONTACT THE CHIEF OF RESOURCES AT GRBA; BAKER NV 89311-9700 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NPS WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0331

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/15/90-09/15/91	7	5.	5.343	10.4	0.	10.556	3.249	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/15/90-09/15/91	7	34.	29.571	42.	5.	143.286	11.97	**	**	**	**
82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	08/15/90-09/15/91	7	-113.	-113.429	-111.	-115.	2.619	1.618	**	**	**	**
82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	08/15/90-09/15/91	7	-16.	-16.	-16.	-16.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: GRBA0332

NPS Station ID: GRBA0332 LAT/LON: 39.012642/-114.246531 Agency: 11NPSWRD Date Created: 07/11/98
Location: LEHMAN CREEK BELOW UPPER LEHMAN CAMPGROUND FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): GRBA_NPS_LEH903
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 Depth of Water: 0 Aquifer:
Major Basin: GREAT BASIN Elevation: 0 Water Body Id:
Minor Basin: GREAT SALT LAKE ECO Region:
RF1 Index: 16020301 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 16020301119900.00 RF3 Mile Point: 1.19 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE LEHMAN CAVES NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT LEHMAN CREEK BELOW UPPER LEHMAN CAMPGROUND AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THIS SAMPLING SITE WAS DISCONTINUED FOR STUDIES AFTER 1990. THE DATA ARE FROM SEVERAL YEARLY REPORTS (1990-97) BY KURT PFAFF; PHYSICAL SCIENCE TECHNICIAN FOR GRBA. A SURFACE WATER QUALITY MONITORING PROGRAM WAS INSTITUTED TO ACQUIRE DATA FROM THE PARK WATERS ON A SEMI-ANNUAL BASIS. DATA ARE INTEGRATED INTO THE PARK'S WATER RESOURCE MANAGEMENT PLAN IN ORDER TO PERPETUATE THE INHERENT NATURAL INTEGRITY OF ITS WATER-DEPENDENT ENVIRONMENTS. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0332

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/21/90-06/21/90	1	28.	28.	28.	28.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	06/21/90-06/21/90	1	7.44	7.44	7.44	7.44	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/21/90-06/21/90	1	7.44	7.44	7.44	7.44	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/21/90-06/21/90	1	0.036	0.036	0.036	0.036	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0332

			Total	Exceed	Prop.	----------9/15-4/14----------			----------4/15-6/14----------			----------6/15-9/14----------			----------n/a----------		
Parameter	Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00406 PH, FIELD	Fresh Chronic	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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0333

NPS Station ID: GRBA0333 LAT/LON: 39.012642/-114.246531 Agency: 11NPSWRD Date Created: 11/21/98
Location: LEHMAN CREEK BELOW UPPER LEHMAN CAMPGROUND FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): GRBA_EPA_GBS13
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 Depth of Water: 0 Aquifer:
Major Basin: GREAT BASIN Elevation: 7680 Water Body Id:
Minor Basin: GREAT SALT LAKE ECO Region:
RF1 Index: 16020301 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 16020301119900.00 RF3 Mile Point: 1.19 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE LEHMAN CAVES NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT LEHMAN CREEK BELOW UPPER LEHMAN CAMPGROUND AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM A REPORT BY RICHARD METCALF ET AL.; "CHEMISTRY OF SELECTED LAKES AND STREAMS IN GREAT BASIN NATIONAL PARK NEVADA DURING WINTER AND SPRING 1989;" SEPTEMBER 1992. THIS REPORT WAS PREPARED UNDER A COOPERATIVE AGREEMENT BETWEEN THE NPS AND THE ENVIRONMENTAL PROTECTION AGENCY IN AN EFFORT TO OBTAIN A COMPLETE CHEMICAL ANALYSIS OF THE WATERS IN GRBA. THE DATA ARE MEANT TO BE USED IN PARK RESOURCE ASSESSMENT; IN FUTURE STUDIES; AND AS A SOURCE OF BASELINE WATER QUALITY ANALYSES. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0333

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/28/89-05/28/89	1	38.	38.	38.	38.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/28/89-05/28/89	1	7.35	7.35	7.35	7.35	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/28/89-05/28/89	1	7.35	7.35	7.35	7.35	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/28/89-05/28/89	1	0.045	0.045	0.045	0.045	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/28/89-05/28/89	1	0.23	0.23	0.23	0.23	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	05/28/89-05/28/89	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	05/28/89-05/28/89	1	3.7	3.7	3.7	3.7	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/28/89-05/28/89	1	4.4	4.4	4.4	4.4	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/28/89-05/28/89	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/28/89-05/28/89	1	1.32	1.32	1.32	1.32	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/28/89-05/28/89	1	0.31	0.31	0.31	0.31	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/28/89-05/28/89	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/28/89-05/28/89	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	05/28/89-05/28/89	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	05/28/89-05/28/89	1	54.	54.	54.	54.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	05/28/89-05/28/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	05/28/89-05/28/89	1 ##	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/28/89-05/28/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	05/28/89-05/28/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

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

Parameter Inventory for Station: GRBA0333

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01040	COPPER, DISSOLVED (UG/L AS CU)	05/28/89-05/28/89	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	05/28/89-05/28/89	1	63.	63.	63.	63.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	05/28/89-05/28/89	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/28/89-05/28/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01057	THALLIUM, DISSOLVED (UG/L AS TL)	05/28/89-05/28/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	05/28/89-05/28/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	05/28/89-05/28/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	05/28/89-05/28/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	05/28/89-05/28/89	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01095	ANTIMONY, DISSOLVED (UG/L AS SB)	05/28/89-05/28/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	05/28/89-05/28/89	1	202.	202.	202.	202.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	05/28/89-05/28/89	1 ##	3.5	3.5	3.5	3.5	0.	0.	**	**	**	**
72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/28/89-05/28/89	1	7680.	7680.	7680.	7680.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0333

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00				1	0	0.00						
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00				1	0	0.00						
		Drinking Water	250.	1	0	0.00				1	0	0.00						
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00				1	0	0.00						
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00				1	0	0.00						
		Drinking Water	50.	1	0	0.00				1	0	0.00						
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00				1	0	0.00						
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	1	0	0.00				1	0	0.00						
		Drinking Water	4.	1	0	0.00				1	0	0.00						
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00				1	0	0.00						
		Drinking Water	5.	1	0	0.00				1	0	0.00						
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00				1	0	0.00						
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00				1	0	0.00						
		Drinking Water	1300.	1	0	0.00				1	0	0.00						
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00				1	0	0.00						
		Drinking Water	15.	1	0	0.00				1	0	0.00						
01057	THALLIUM, DISSOLVED	Fresh Acute	1400.	1	0	0.00				1	0	0.00						
		Drinking Water	2.	1	0	0.00				1	0	0.00						
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00				1	0	0.00						
		Drinking Water	100.	1	0	0.00				1	0	0.00						
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00				1	0	0.00						
		Drinking Water	100.	1	0	0.00				1	0	0.00						
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00				1	0	0.00						
		Drinking Water	5000.	1	0	0.00				1	0	0.00						
01095	ANTIMONY, DISSOLVED	Fresh Acute	88.	1	0	0.00				1	0	0.00						
		Drinking Water	6.	1	0	0.00				1	0	0.00						
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00				1	0	0.00						
		Drinking Water	50.	1	0	0.00				1	0	0.00						

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

Station Inventory for Station: GRBA0334

NPS Station ID: GRBA0334 LAT/LON: 39.012642/-114.246531 Agency: 11NPSWRD Date Created: 11/21/98
Location: LEHMAN CREEK BELOW UPPER LEHMAN CAMPGROUND FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): GRBA_EPA_GBS24
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 Depth of Water: 0 Aquifer:
Major Basin: GREAT BASIN Elevation: 7680 Water Body Id:
Minor Basin: GREAT SALT LAKE ECO Region:
RF1 Index: 16020301 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 16020301119900.00 RF3 Mile Point: 1.19 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE LEHMAN CAVES NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT LEHMAN CREEK BELOW UPPER LEHMAN CAMPGROUND AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM A REPORT BY RICHARD METCALF ET AL.; "CHEMISTRY OF SELECTED LAKES AND STREAMS IN GREAT BASIN NATIONAL PARK NEVADA DURING WINTER AND SPRING 1989;" SEPT.; 1992. THIS REPORT WAS PREPARED UNDER A COOPERATIVE AGREEMENT BETWEEN THE NPS AND THE ENVIRONMENTAL PROTECTION AGENCY IN AN EFFORT TO OBTAINA COMPLETE CHEMICAL ANALYSIS OF THE WATERS IN GRBA. THE DATA ARE MEANT TO BE USED IN PARK RESOURCE ASSESSMENT; IN FUTURE STUDIES; AND AS A SOURCE OF BASELINE WATER QUALITY ANALYSES. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0334

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/31/89-05/31/89	2	37.	37.	37.	37.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/31/89-05/31/89	2	7.3	7.3	7.35	7.25	0.005	0.071	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/31/89-05/31/89	2	7.297	7.297	7.35	7.25	0.005	0.071	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/31/89-05/31/89	2	0.05	0.05	0.056	0.045	0.	0.008	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/31/89-05/31/89	2	0.305	0.305	0.33	0.28	0.001	0.035	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	05/31/89-05/31/89	2	1.15	1.15	1.3	1.	0.045	0.212	**	**	**	**
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	05/31/89-05/31/89	2	3.5	3.5	3.7	3.3	0.08	0.283	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/31/89-05/31/89	2	4.5	4.5	4.5	4.5	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/31/89-05/31/89	2	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/31/89-05/31/89	2	1.35	1.35	1.43	1.27	0.013	0.113	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/31/89-05/31/89	2	0.28	0.28	0.3	0.26	0.001	0.028	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/31/89-05/31/89	2	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/31/89-05/31/89	2	1.55	1.55	1.6	1.5	0.005	0.071	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	05/31/89-05/31/89	2 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	05/31/89-05/31/89	2	55.5	55.5	58.	53.	12.5	3.536	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	05/31/89-05/31/89	2 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	05/31/89-05/31/89	2 ##	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/31/89-05/31/89	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	05/31/89-05/31/89	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

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

Parameter Inventory for Station: GRBA0334

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01040	COPPER, DISSOLVED (UG/L AS CU)	05/31/89-05/31/89	2 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	05/31/89-05/31/89	2	64.	64.	69.	59.	50.	7.071	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	05/31/89-05/31/89	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/31/89-05/31/89	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01057	THALLIUM, DISSOLVED (UG/L AS TL)	05/31/89-05/31/89	2 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	05/31/89-05/31/89	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	05/31/89-05/31/89	2 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	05/31/89-05/31/89	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	05/31/89-05/31/89	2 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01095	ANTIMONY, DISSOLVED (UG/L AS SB)	05/31/89-05/31/89	2 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	05/31/89-05/31/89	2	197.5	197.5	199.	196.	4.5	2.121	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	05/31/89-05/31/89	2 ##	3.5	3.5	3.5	3.5	0.	0.	**	**	**	**
72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/31/89-05/31/89	2	7680.	7680.	7680.	7680.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0334

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	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.	2	0	0.00				2	0	0.00						
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	2	0	0.00				2	0	0.00						
		Drinking Water	250.	2	0	0.00				2	0	0.00						
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	2	0	0.00				2	0	0.00						
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	2	0	0.00				2	0	0.00						
		Drinking Water	50.	2	0	0.00				2	0	0.00						
01005	BARIUM, DISSOLVED	Drinking Water	2000.	2	0	0.00				2	0	0.00						
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	2	0	0.00				2	0	0.00						
		Drinking Water	4.	2	0	0.00				2	0	0.00						
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	2	0	0.00				2	0	0.00						
		Drinking Water	5.	2	0	0.00				2	0	0.00						
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	2	0	0.00				2	0	0.00						
01040	COPPER, DISSOLVED	Fresh Acute	18.	2	0	0.00				2	0	0.00						
		Drinking Water	1300.	2	0	0.00				2	0	0.00						
01049	LEAD, DISSOLVED	Fresh Acute	82.	2	0	0.00				2	0	0.00						
		Drinking Water	15.	2	0	0.00				2	0	0.00						
01057	THALLIUM, DISSOLVED	Fresh Acute	1400.	2	0	0.00				2	0	0.00						
		Drinking Water	2.	2	0	0.00				2	0	0.00						
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	2	0	0.00				2	0	0.00						
		Drinking Water	100.	2	0	0.00				2	0	0.00						
01075	SILVER, DISSOLVED	Fresh Acute	4.1	2	0	0.00				2	0	0.00						
		Drinking Water	100.	2	0	0.00				2	0	0.00						
01090	ZINC, DISSOLVED	Fresh Acute	120.	2	0	0.00				2	0	0.00						
		Drinking Water	5000.	2	0	0.00				2	0	0.00						
01095	ANTIMONY, DISSOLVED	Fresh Acute	88.	2	0	0.00				2	0	0.00						
		Drinking Water	6.	2	0	0.00				2	0	0.00						
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	2	0	0.00				2	0	0.00						
		Drinking Water	50.	2	0	0.00				2	0	0.00						

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

Station Inventory for Station: GRBA0335

NPS Station ID: GRBA0335
LAT/LON: 39.012782/-114.214726
Agency: 11NPSWRD
Date Created: 08/15/98
Location: LEHMAN CREEK #11
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): GRBA_USGS_LCK11
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE LEHMAN CAVES NV 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED ON LEHMAN CREEK AND IS WITHIN THE BOUNDARIES OF GREAT BASIN NATIONAL PARK. THE DATA ARE FROMA REPORT BY THE U.S. GEOLOGICAL SURVEY; "GREAT BASIN PARK SEEPAGE RUN; SEPTEMBER 1-3; 1992"; AND CAN ALSO BE FOUND IN THE 1992 ANNUAL WATER DATA OF NEVADA REPORT. THE PURPOSE OF THIS REPORT WAS TO DOCUMENT GAINING AND LOSING REACHES OF STREAMS DURING A PERIOD OF SUSTAINED LOW FLOW IN THE PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0335

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/01/92-09/01/92	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/01/92-09/01/92	1	37.	37.	37.	37.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: GRBA0336

NPS Station ID: GRBA0336
LAT/LON: 39.013615/-114.215004
Agency: 11NPSWRD
Date Created: 08/15/98
Location: LEHMAN CREEK #12
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): GRBA_USGS_LCK12
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE LEHMAN CAVES NV 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED ON LEHMAN CREEK AND IS WITHIN THE BOUNDARIES OF GREAT BASIN NATIONAL PARK. THE DATA ARE FROMA REPORT BY THE U.S. GEOLOGICAL SURVEY; "GREAT BASIN PARK SEEPAGE RUN; SEPTEMBER 1-3; 1992"; AND CAN ALSO BE FOUND IN THE 1992 ANNUAL WATER DATA OF NEVADA REPORT. THE PURPOSE OF THIS REPORT WAS TO DOCUMENT GAINING AND LOSING REACHES OF STREAMS DURING A PERIOD OF SUSTAINED LOW FLOW IN THE PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0336

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/01/92-09/01/92	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/01/92-09/01/92	1	37.	37.	37.	37.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: GRBA0337

NPS Station ID: GRBA0337
LAT/LON: 39.014003/-114.158003
Agency: 11NPSWRD
Date Created: 05/30/98
Location: EYDH012
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): GRBA_NURE_155 /7055041
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE LEHMAN CAVES; NV-WHITE PINE CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A SPRING OUTSIDE THE GREAT BASIN NATIONAL PARK BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.45 MICRON FILTER AND ACIDIFIED TO A PH OF ONE WITH NITRIC ACID AT THE SITE. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "SRL" FIELD ENTRY (SAVANNAH RIVER LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE SAVANNAH RIVER LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525. TEL. (970) 225-3516.

Parameter Inventory for Station: GRBA0337

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/10/80-07/10/80	1	0.434	0.434	0.434	0.434	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/10/80-07/10/80	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/10/80-07/10/80	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/10/80-07/10/80	1	0.88	0.88	0.88	0.88	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/10/80-07/10/80	1	1.9	1.9	1.9	1.9	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	07/10/80-07/10/80	1	528.	528.	528.	528.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/10/80-07/10/80	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/10/80-07/10/80	1	25.	25.	25.	25.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/10/80-07/10/80	1	26.	26.	26.	26.	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	07/10/80-07/10/80	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	07/10/80-07/10/80	1	17.	17.	17.	17.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/10/80-07/10/80	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	07/10/80-07/10/80	1	25.	25.	25.	25.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/10/80-07/10/80	1	395.	395.	395.	395.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/10/80-07/10/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	07/10/80-07/10/80	1	13.	13.	13.	13.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	07/10/80-07/10/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/10/80-07/10/80	1	137.	137.	137.	137.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	07/10/80-07/10/80	1	36.	36.	36.	36.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: GRBA0337

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/10/80-07/10/80	1	54.	54.	54.	54.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/10/80-07/10/80	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01110	CERIUM, DISSOLVED (UG/L AS CE)	07/10/80-07/10/80	1	56.	56.	56.	56.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/10/80-07/10/80	1	35.	35.	35.	35.	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/10/80-07/10/80	1	1973.	1973.	1973.	1973.	0.	0.	**	**	**	**
01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/10/80-07/10/80	1	47.	47.	47.	47.	0.	0.	**	**	**	**
01180	LANTHANUM, DISSOLVED (UG/L AS LA)	07/10/80-07/10/80	1	28.	28.	28.	28.	0.	0.	**	**	**	**
01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/10/80-07/10/80	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/10/80-07/10/80	1	13.	13.	13.	13.	0.	0.	**	**	**	**
50576	HAFNIUM, DISSOLVED UG/L	07/10/80-07/10/80	1 ##	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
50580	NIOBIUM, DISSOLVED UG/L	07/10/80-07/10/80	1	11.	11.	11.	11.	0.	0.	**	**	**	**
82365	THORIUM, DISSOLVED IN WATER UG/L	07/10/80-07/10/80	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: GRBA0337

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	1	0	0.00							1	0	0.00			
		Drinking Water	4.	1	0	0.00							1	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00							1	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00							1	0	0.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00							1	0	0.00			
		Drinking Water	15.	1	1	1.00							1	1	1.00			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: GRBA0338

NPS Station ID: GRBA0338 | LAT/LON: 39.015004/-114.241004 | Agency: 11NPSWRD | Date Created: 05/30/98
Location: EYDH014 | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): GRBA_NURE_097 /7055043
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 0 | Water Body Id:
Minor Basin: GREAT SALT LAKE | ECO Region:
RF1 Index: 16020301 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE LEHMAN CAVES; NV-WHITE PINE CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A SPRING INSIDE THE GREAT BASIN NATIONAL PARK BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.45 MICRON FILTER AND ACIDIFIED TO A PH OF ONE WITH NITRIC ACID AT THE SITE. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "SRL" FIELD ENTRY (SAVANNAH RIVER LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE SAVANNAH RIVER LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525. TEL. (970) 225-3516.

Parameter Inventory for Station: GRBA0338

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/10/80-07/10/80	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/10/80-07/10/80	1	2.6	2.6	2.6	2.6	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/10/80-07/10/80	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/10/80-07/10/80	1	0.76	0.76	0.76	0.76	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/10/80-07/10/80	1	1.83	1.83	1.83	1.83	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	07/10/80-07/10/80	1	553.	553.	553.	553.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/10/80-07/10/80	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/10/80-07/10/80	1	37.	37.	37.	37.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/10/80-07/10/80	1	34.	34.	34.	34.	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	07/10/80-07/10/80	1	8.	8.	8.	8.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	07/10/80-07/10/80	1	25.	25.	25.	25.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/10/80-07/10/80	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	07/10/80-07/10/80	1	27.	27.	27.	27.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/10/80-07/10/80	1	518.	518.	518.	518.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/10/80-07/10/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	07/10/80-07/10/80	1	16.	16.	16.	16.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	07/10/80-07/10/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/10/80-07/10/80	1	177.	177.	177.	177.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	07/10/80-07/10/80	1	50.	50.	50.	50.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: GRBA0338

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/10/80-07/10/80	1	71.	71.	71.	71.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/10/80-07/10/80	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01110	CERIUM, DISSOLVED (UG/L AS CE)	07/10/80-07/10/80	1	57.	57.	57.	57.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/10/80-07/10/80	1	36.	36.	36.	36.	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/10/80-07/10/80	1	2300.	2300.	2300.	2300.	0.	0.	**	**	**	**
01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/10/80-07/10/80	1	64.	64.	64.	64.	0.	0.	**	**	**	**
01180	LANTHANUM, DISSOLVED (UG/L AS LA)	07/10/80-07/10/80	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/10/80-07/10/80	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/10/80-07/10/80	1	13.	13.	13.	13.	0.	0.	**	**	**	**
50576	HAFNIUM, DISSOLVED UG/L	07/10/80-07/10/80	1 ##	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
50580	NIOBIUM, DISSOLVED UG/L	07/10/80-07/10/80	1	13.	13.	13.	13.	0.	0.	**	**	**	**
82365	THORIUM, DISSOLVED IN WATER UG/L	07/10/80-07/10/80	1	14.	14.	14.	14.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0338

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	1	0	0.00							1	0	0.00			
		Drinking Water	4.	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	1	1.00							1	1	1.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00							1	0	0.00			
		Drinking Water	15.	1	1	1.00							1	1	1.00			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: GRBA0339

NPS Station ID: GRBA0339
LAT/LON: 39.015337/-114.236226
Agency: 11NPSWRD
Date Created: 03/06/99
Location: CAVE SPRING 1
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): GRBA_ACHEM_CS1
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 2220
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPO.) QUAD. THE SITE IS LOCATED AT THE WESTERNMOST SPRING IN THE GROUP COLLECTIVELY REFERRED TO AS CAVE SPRINGS AND IS WITHIN THE BOUNDARIES OF GREAT BASIN NATIONAL PARK. THE DATA ARE FROM A MASTER'S THESIS PREPARED BY STEPHEN ACHAEMPONG; "ISOTOPE HYDROLOGY OF LEHMAN AND BAKER CREEKS DRAINAGES; GREAT BASIN NATIONAL PARK; NEVADA." THIS THESIS WAS SUBMITTED TO THE DEPARTMENT OF GEOSCIENCE; UNIVERSITY OF NEVADA; LAS VEGAS IN AUGUST OF 1992. THE DATA WERE COLLECTED IN ORDER TO UNDERSTAND THE RECHARGE AND MIXING MECHANISMS OF WATER RESOURCES IN THE PARK USING ENVIRONMENTALLY STABLE ISOTOPES OF DEUTERIUM AND OXYGEN-18. DATES WERE ESTIMATED AS RAW DATA WERE UNAVAILABLE. FOR MORE INFORMATION ON THE PARK CONTACT THE CHIEF OF RESOURCES AT GRBA; BAKER NV 89311-9700 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NPS WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0339

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/15/90-09/15/91	9	8.	8.467	13.7	4.	7.597	2.756	4.	7.	10.	13.7
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/15/90-09/15/91	9	89.	88.556	115.	68.	234.778	15.322	68.	72.5	98.5	115.
82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	08/15/90-09/15/91	9	-118.	-116.	-105.	-119.	19.	4.359	-105.	-115.5	-118.5	-119.
82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	08/15/90-09/15/91	9	-16.	-15.889	-15.	-16.	0.111	0.333	-15.	-16.	-16.	-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

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

Station Inventory for Station: GRBA0340

NPS Station ID: GRBA0340
LAT/LON: 39.015365/-114.290365
Agency: 11NPSWRD
Date Created: 03/06/99
Location: LEHMAN CREEK 2
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): GRBA_ACHEM_LC2
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 2926
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPO.) QUADRANGLE. THE SITE IS LOCATED AT LEHMAN CREEK; APPROXIMATELY 1.25 MILES EAST OF TERESA LAKE; AND IS WITHIN THE BOUNDARIES OF GREAT BASIN NATIONAL PARK. DATA ARE FROM A MASTER'S THESIS PREPARED BY STEPHEN ACHAEMPONG; "ISOTOPE HYDROLOGY OF LEHMAN AND BAKER CREEKS DRAINAGES; GREAT BASIN NATIONAL PARK; NEVADA." THIS THESIS WAS SUBMITTED TO THE DEPARTMENT OF GEOSCIENCE; UNIVERSITY OF NEVADA; LAS VEGAS IN AUGUST OF 1992. THE DATA WERE COLLECTED IN ORDER TO UNDERSTAND THE RECHARGE AND MIXING MECHANISMS OF WATER RESOURCES IN THE PARK USING ENVIRONMENTALLY STABLE ISOTOPES OF DEUTERIUM AND OXYGEN-18. DATES WERE ESTIMATED AS RAW DATA WERE UNAVAILABLE. FOR MORE INFORMATION ON THE PARK CONTACT THE CHIEF OF RESOURCES AT GRBA; BAKER NV 89311-9700 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NPS WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0340

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/15/90-09/15/91	8	6.5	5.75	8.	2.	5.071	2.252	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/15/90-09/15/91	8	19.5	20.875	32.	12.	52.125	7.22	**	**	**	**
82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	08/15/90-09/15/91	8	-111.	-109.375	-101.	-114.	16.839	4.104	**	**	**	**
82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	08/15/90-09/15/91	8	-15.	-15.125	-15.	-16.	0.125	0.354	**	**	**	**

** - Less than 9 observations ## - 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: GRBA0341

NPS Station ID: GRBA0341
LAT/LON: 39.015476/-114.235503
Agency: 11NPSWRD
Date Created: 03/06/99
Location: CAVE SPRING 2
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): GRBA_ACHEM_CS2
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 2220
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPO.) QUAD. THE SITE IS LOCATED AT THE MIDDLE SPRING IN THE GROUP COLLECTIVELY REFERRED TO AS CAVE SPRINGS AND IS WITHIN THE BOUNDARIES OF GREAT BASIN NATIONAL PARK. THE DATA ARE FROM A MASTER'S THESIS PREPARED BY STEPHEN ACHAEMPONG; "ISOTOPE HYDROLOGY OF LEHMAN AND BAKER CREEKS DRAINAGES; GREAT BASIN NATIONAL PARK; NEVADA." THIS THESIS WAS SUBMITTED TO THE DEPARTMENT OF GEOSCIENCE; UNIVERSITY OF NEVADA; LAS VEGAS IN AUGUST OF 1992. THE DATA WERE COLLECTED IN ORDER TO UNDERSTAND THE RECHARGE AND MIXING MECHANISMS OF WATER RESOURCES IN THE PARK USING ENVIRONMENTALLY STABLE ISOTOPES OF DEUTERIUM AND OXYGEN-18. DATES WERE ESTIMATED AS RAW DATA WERE UNAVAILABLE. FOR MORE INFORMATION ON THE PARK CONTACT THE CHIEF OF RESOURCES AT GRBA; BAKER NV 89311-9700 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NPS WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0341

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/15/90-05/15/91	4	10.25	9.625	11.	7.	3.229	1.797	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/15/90-05/15/91	4	80.5	82.5	92.	77.	44.333	6.658	**	**	**	**
82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	08/15/90-05/15/91	4	-116.	-113.75	-106.	-117.	26.917	5.188	**	**	**	**
82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	08/15/90-05/15/91	4	-15.	-15.	-14.	-16.	0.667	0.816	**	**	**	**

** - 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 time series plot

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

Station Inventory for Station: GRBA0342

NPS Station ID: GRBA0342
LAT/LON: 39.015531/-114.235143
Agency: 11NPSWRD
Date Created: 03/06/99
Location: CAVE SPRING 3
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): GRBA_ACHEM_CS3
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 2220
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPO.) QUAD. THE SITE IS LOCATED AT THE EASTERNMOST SPRING IN THE GROUP COLLECTIVELY REFERRED TO AS CAVE SPRINGS AND IS WITHIN THE BOUNDARIES OF GREAT BASIN NATIONAL PARK. THE DATA ARE FROM A MASTER'S THESIS PREPARED BY STEPHEN ACHAEMPONG; "ISOTOPE HYDROLOGY OF LEHMAN AND BAKER CREEKS DRAINAGES; GREAT BASIN NATIONAL PARK; NEVADA." THIS THESIS WAS SUBMITTED TO THE DEPARTMENT OF GEOSCIENCE; UNIVERSITY OF NEVADA; LAS VEGAS IN AUGUST OF 1992. THE DATA WERE COLLECTED IN ORDER TO UNDERSTAND THE RECHARGE AND MIXING MECHANISMS OF WATER RESOURCES IN THE PARK USING ENVIRONMENTALLY STABLE ISOTOPES OF DEUTERIUM AND OXYGEN-18. DATES WERE ESTIMATED AS RAW DATA WERE UNAVAILABLE. FOR MORE INFORMATION ON THE PARK CONTACT THE CHIEF OF RESOURCES AT GRBA; BAKER NV 89311-9700 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NPS WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0342

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/15/91-09/15/91	2	10.5	10.5	11.	10.	0.5	0.707	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/15/91-09/15/91	2	102.	102.	108.	96.	72.	8.485	**	**	**	**
82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	08/15/91-09/15/91	2	-117.5	-117.5	-117.	-118.	0.5	0.707	**	**	**	**
82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	08/15/91-09/15/91	2	-16.	-16.	-16.	-16.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: GRBA0343

NPS Station ID: GRBA0343
LAT/LON: 39.015559/-114.272504
Agency: 11NPSWRD
Date Created: 08/15/98
Location: LEHMAN CREEK #7
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): GRBA_USGS_LCK7
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK NV 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED ON LEHMAN CREEK AND IS WITHIN THE BOUNDARIES OF GREAT BASIN NATIONAL PARK. THE DATA ARE FROMA REPORT BY THE U.S. GEOLOGICAL SURVEY; "GREAT BASIN PARK SEEPAGE RUN; SEPTEMBER 1-3; 1992"; AND CAN ALSO BE FOUND IN THE 1992 ANNUAL WATER DATA OF NEVADA REPORT. THE PURPOSE OF THIS REPORT WAS TO DOCUMENT GAINING AND LOSING REACHES OF STREAMS DURING A PERIOD OF SUSTAINED LOW FLOW IN THE PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0343

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/01/92-09/01/92	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/01/92-09/01/92	1	32.	32.	32.	32.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: GRBA0344

NPS Station ID: GRBA0344 | LAT/LON: 39.016003/-114.198004 | Agency: 11NPSWRD | Date Created: 05/30/98
Location: EYDH013 | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): GRBA_NURE_099 /7055042
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 16020301 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 0 | Water Body Id:
Minor Basin: GREAT SALT LAKE | ECO Region:
RF1 Index: 16020301 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE LEHMAN CAVES; NV-WHITE PINE CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A STREAM OUTSIDE THE GREAT BASIN NATIONAL PARK BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.45 MICRON FILTER AND ACIDIFIED TO A PH OF ONE WITH NITRIC ACID AT THE SITE. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "SRL" FIELD ENTRY (SAVANNAH RIVER LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE SAVANNAH RIVER LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525. TEL. (970) 225-3516.

Parameter Inventory for Station: GRBA0344

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/10/80-07/10/80	1	0.429	0.429	0.429	0.429	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/10/80-07/10/80	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/10/80-07/10/80	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/10/80-07/10/80	1	0.78	0.78	0.78	0.78	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/10/80-07/10/80	1	1.87	1.87	1.87	1.87	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	07/10/80-07/10/80	1	534.	534.	534.	534.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/10/80-07/10/80	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/10/80-07/10/80	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/10/80-07/10/80	1	27.	27.	27.	27.	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	07/10/80-07/10/80	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	07/10/80-07/10/80	1	14.	14.	14.	14.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/10/80-07/10/80	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	07/10/80-07/10/80	1	16.	16.	16.	16.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/10/80-07/10/80	1	187.	187.	187.	187.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/10/80-07/10/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	07/10/80-07/10/80	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	07/10/80-07/10/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/10/80-07/10/80	1	119.	119.	119.	119.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	07/10/80-07/10/80	1	45.	45.	45.	45.	0.	0.	**	**	**	**

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Parameter Inventory for Station: GRBA0344

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/10/80-07/10/80	1	41.	41.	41.	41.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/10/80-07/10/80	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01110	CERIUM, DISSOLVED (UG/L AS CE)	07/10/80-07/10/80	1	53.	53.	53.	53.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/10/80-07/10/80	1	36.	36.	36.	36.	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/10/80-07/10/80	1	2140.	2140.	2140.	2140.	0.	0.	**	**	**	**
01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/10/80-07/10/80	1	50.	50.	50.	50.	0.	0.	**	**	**	**
01180	LANTHANUM, DISSOLVED (UG/L AS LA)	07/10/80-07/10/80	1	29.	29.	29.	29.	0.	0.	**	**	**	**
01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/10/80-07/10/80	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/10/80-07/10/80	1	11.	11.	11.	11.	0.	0.	**	**	**	**
50576	HAFNIUM, DISSOLVED UG/L	07/10/80-07/10/80	1 ##	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
50580	NIOBIUM, DISSOLVED UG/L	07/10/80-07/10/80	1	10.	10.	10.	10.	0.	0.	**	**	**	**
82365	THORIUM, DISSOLVED IN WATER UG/L	07/10/80-07/10/80	1	19.	19.	19.	19.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0344

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	1	0	0.00							1	0	0.00			
		Drinking Water	4.	1	0	0.00							1	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00							1	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00							1	0	0.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00							1	0	0.00			
		Drinking Water	15.	1	1	1.00							1	1	1.00			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: GRBA0345

NPS Station ID: GRBA0345 LAT/LON: 39.016059/-114.273088 Agency: 11NPSWRD Date Created: 07/11/98
Location: LEHMAN CK 2 KM ABOVE UPPER LEHMAN CAMPGROUND FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): GRBA_NPS_LEH902
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 Depth of Water: 0 Aquifer:
Major Basin: GREAT BASIN Elevation: 0 Water Body Id:
Minor Basin: GREAT SALT LAKE ECO Region:
RF1 Index: 16020301 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 16020301119900.00 RF3 Mile Point: 1.19 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT LEHMAN CREEK 2 KILOMETERS ABOVE UPPER LEHMAN CAMPGROUND AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THIS SAMPLING SITE WAS DISCONTINUED FOR STUDIES AFTER 1990. THE DATA ARE FROM SEVERAL YEARLY REPORTS (1990-97) BY KURT PFAFF; PHYSICAL SCIENCE TECHNICIAN FOR GRBA. A SURFACE WATER QUALITY MONITORING PROGRAM WAS INSTITUTED TO ACQUIRE DATA FROM THE PARK WATERS ON A SEMI-ANNUAL BASIS. DATA ARE INTEGRATED INTO THE PARK'S WATER RESOURCE MANAGEMENT PLAN IN ORDER TO PERPETUATE THE INHERENT NATURAL INTEGRITY OF ITS WATER-DEPENDENT ENVIRONMENTS. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0345

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/21/90-06/21/90	1	29.	29.	29.	29.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	06/21/90-06/21/90	1	7.51	7.51	7.51	7.51	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/21/90-06/21/90	1	7.51	7.51	7.51	7.51	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/21/90-06/21/90	1	0.031	0.031	0.031	0.031	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0345

			Total	Exceed	Prop.	9/15-4/14			4/15-6/14			6/15-9/14			n/a		
Parameter	Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00406 PH, FIELD	Fresh Chronic	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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0346

NPS Station ID: GRBA0346 LAT/LON: 39.016059/-114.273088 Agency: 11NPSWRD Date Created: 11/21/98
Location: LEHMAN CREEK NEAR 8700 FEET ELEVATION FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): GRBA_EPA_GBS12
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 Depth of Water: 0 Aquifer:
Major Basin: GREAT BASIN Elevation: 8730 Water Body Id:
Minor Basin: GREAT SALT LAKE ECO Region:
RF1 Index: 16020301 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 16020301119900.00 RF3 Mile Point: 1.19 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT LEHMAN CREEK NEAR 8700 FEET ELEVATION AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM A REPORT BY RICHARD METCALF ET AL.; "CHEMISTRY OF SELECTED LAKES AND STREAMS IN GREAT BASIN NATIONAL PARK NEVADA DURING WINTER AND SPRING 1989;" SEPTEMBER 1992. THIS REPORT WAS PREPARED UNDER A COOPERATIVE AGREEMENT BETWEEN THE NPS AND THE ENVIRONMENTAL PROTECTION AGENCY IN AN EFFORT TO OBTAIN A COMPLETE CHEMICAL ANALYSIS OF THE WATERS IN GRBA. THE DATA ARE MEANT TO BE USED IN PARK RESOURCE ASSESSMENT; IN FUTURE STUDIES; AND AS A SOURCE OF BASELINE WATER QUALITY ANALYSES. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0346

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/28/89-05/28/89	1	35.	35.	35.	35.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/28/89-05/28/89	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/28/89-05/28/89	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/28/89-05/28/89	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/28/89-05/28/89	1	0.31	0.31	0.31	0.31	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	05/28/89-05/28/89	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	05/28/89-05/28/89	1	3.4	3.4	3.4	3.4	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/28/89-05/28/89	1	4.5	4.5	4.5	4.5	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/28/89-05/28/89	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/28/89-05/28/89	1	1.11	1.11	1.11	1.11	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/28/89-05/28/89	1	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/28/89-05/28/89	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/28/89-05/28/89	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	05/28/89-05/28/89	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	05/28/89-05/28/89	1	43.	43.	43.	43.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	05/28/89-05/28/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	05/28/89-05/28/89	1 ##	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/28/89-05/28/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	05/28/89-05/28/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

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Parameter Inventory for Station: GRBA0346

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01040	COPPER, DISSOLVED (UG/L AS CU)	05/28/89-05/28/89	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	05/28/89-05/28/89	1	78.	78.	78.	78.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	05/28/89-05/28/89	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/28/89-05/28/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01057	THALLIUM, DISSOLVED (UG/L AS TL)	05/28/89-05/28/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	05/28/89-05/28/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	05/28/89-05/28/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	05/28/89-05/28/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	05/28/89-05/28/89	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01095	ANTIMONY, DISSOLVED (UG/L AS SB)	05/28/89-05/28/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	05/28/89-05/28/89	1	252.	252.	252.	252.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	05/28/89-05/28/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/28/89-05/28/89	1	8730.	8730.	8730.	8730.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0346

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00				1	0	0.00						
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00				1	0	0.00						
		Drinking Water	250.	1	0	0.00				1	0	0.00						
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00				1	0	0.00						
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00				1	0	0.00						
		Drinking Water	50.	1	0	0.00				1	0	0.00						
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00				1	0	0.00						
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	1	0	0.00				1	0	0.00						
		Drinking Water	4.	1	0	0.00				1	0	0.00						
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00				1	0	0.00						
		Drinking Water	5.	1	0	0.00				1	0	0.00						
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00				1	0	0.00						
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00				1	0	0.00						
		Drinking Water	1300.	1	0	0.00				1	0	0.00						
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00				1	0	0.00						
		Drinking Water	15.	1	0	0.00				1	0	0.00						
01057	THALLIUM, DISSOLVED	Fresh Acute	1400.	1	0	0.00				1	0	0.00						
		Drinking Water	2.	1	0	0.00				1	0	0.00						
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00				1	0	0.00						
		Drinking Water	100.	1	0	0.00				1	0	0.00						
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00				1	0	0.00						
		Drinking Water	100.	1	0	0.00				1	0	0.00						
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00				1	0	0.00						
		Drinking Water	5000.	1	0	0.00				1	0	0.00						
01095	ANTIMONY, DISSOLVED	Fresh Acute	88.	1	0	0.00				1	0	0.00						
		Drinking Water	6.	1	0	0.00				1	0	0.00						
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00				1	0	0.00						
		Drinking Water	50.	1	0	0.00				1	0	0.00						

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

Station Inventory for Station: GRBA0347

NPS Station ID: GRBA0347
LAT/LON: 39.016115/-114.281393
Agency: 11NPSWRD
Date Created: 08/15/98
Location: LEHMAN CREEK #5
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): GRBA_USGS_LCK5
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK NV 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED ON LEHMAN CREEK AND IS WITHIN THE BOUNDARIES OF GREAT BASIN NATIONAL PARK. THE DATA ARE FROMA REPORT BY THE U.S. GEOLOGICAL SURVEY; "GREAT BASIN PARK SEEPAGE RUN; SEPTEMBER 1-3; 1992"; AND CAN ALSO BE FOUND IN THE 1992 ANNUAL WATER DATA OF NEVADA REPORT. THE PURPOSE OF THIS REPORT WAS TO DOCUMENT GAINING AND LOSING REACHES OF STREAMS DURING A PERIOD OF SUSTAINED LOW FLOW IN THE PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0347

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/01/92-09/01/92	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/01/92-09/01/92	1	29.	29.	29.	29.	0.	0.	**	**	**	**

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

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

Station Inventory for Station: GRBA0348

NPS Station ID: GRBA0348
LAT/LON: 39.016309/-114.196809
Agency: 11NPSWRD
Date Created: 05/30/98
Location: EYDH505R
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): GRBA_NURE_101 /5069641
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE LEHMAN CAVES; NV-WHITE PINE CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A SPRING OUTSIDE THE GREAT BASIN NATIONAL PARK BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.8 MICRON FILTER OR SMALLER AT THE SITE. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "SRL" FIELD ENTRY (SAVANNAH RIVER LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE SAVANNAH RIVER LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525. TEL. (970) 225-3516.

Parameter Inventory for Station: GRBA0348

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/10/80-07/10/80	1	21.	21.	21.	21.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/10/80-07/10/80	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/10/80-07/10/80	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/10/80-07/10/80	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/10/80-07/10/80	1	35.	35.	35.	35.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/10/80-07/10/80	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/10/80-07/10/80	1	5.43	5.43	5.43	5.43	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/10/80-07/10/80	1	16.	16.	16.	16.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	07/10/80-07/10/80	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/10/80-07/10/80	1	141.	141.	141.	141.	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	07/10/80-07/10/80	1	0.171	0.171	0.171	0.171	0.	0.	**	**	**	**
50700	FLUORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	07/10/80-07/10/80	1	19.	19.	19.	19.	0.	0.	**	**	**	**
50760	CHLORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	07/10/80-07/10/80	1	6600.	6600.	6600.	6600.	0.	0.	**	**	**	**
50761	BROMINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	07/10/80-07/10/80	1	11.7	11.7	11.7	11.7	0.	0.	**	**	**	**
82331	DYSPROSIUM, DISSOLVED AS DY IN WATER UG/L	07/10/80-07/10/80	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0348

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: GRBA0349

NPS Station ID: GRBA0349 | LAT/LON: 39.016309/-114.197003 | Agency: 11NPSWRD | Date Created: 05/30/98
Location: EYDH505 | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): GRBA_NURE_100 /7071042
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 16020301 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 0 | Water Body Id:
Minor Basin: GREAT SALT LAKE | ECO Region:
RF1 Index: 16020301 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE LEHMAN CAVES; NV-WHITE PINE CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A SPRING OUTSIDE THE GREAT BASIN NATIONAL PARK BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.8 MICRON FILTER OR SMALLER AT THE SITE. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "SRL" FIELD ENTRY (SAVANNAH RIVER LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE SAVANNAH RIVER LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525. TEL. (970) 225-3516.

Parameter Inventory for Station: GRBA0349

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/10/80-07/10/80	1	21.	21.	21.	21.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/10/80-07/10/80	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/10/80-07/10/80	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/10/80-07/10/80	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/10/80-07/10/80	1	35.	35.	35.	35.	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/10/80-07/10/80	1 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/10/80-07/10/80	1	16.4	16.4	16.4	16.4	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/10/80-07/10/80	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/10/80-07/10/80	1	4.6	4.6	4.6	4.6	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/10/80-07/10/80	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	07/10/80-07/10/80	1	93.	93.	93.	93.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/10/80-07/10/80	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/10/80-07/10/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/10/80-07/10/80	1	23.	23.	23.	23.	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	07/10/80-07/10/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	07/10/80-07/10/80	1	11.	11.	11.	11.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/10/80-07/10/80	1	75.	75.	75.	75.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/10/80-07/10/80	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/10/80-07/10/80	1	11.	11.	11.	11.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: GRBA0349

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01065	NICKEL, DISSOLVED (UG/L AS NI)	07/10/80-07/10/80	1	33.	33.	33.	33.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	07/10/80-07/10/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/10/80-07/10/80	1	51.	51.	51.	51.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	07/10/80-07/10/80	1	18.	18.	18.	18.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/10/80-07/10/80	1	53.	53.	53.	53.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/10/80-07/10/80	1	39.	39.	39.	39.	0.	0.	**	**	**	**
01110	CERIUM, DISSOLVED (UG/L AS CE)	07/10/80-07/10/80	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/10/80-07/10/80	1	95.	95.	95.	95.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	07/10/80-07/10/80	1	2000.	2000.	2000.	2000.	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/10/80-07/10/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/10/80-07/10/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/10/80-07/10/80	1	29.	29.	29.	29.	0.	0.	**	**	**	**
01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/10/80-07/10/80	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: GRBA0349

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	1	0	0.00							1	0	0.00			
		Drinking Water	4.	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			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: GRBA0350

NPS Station ID: GRBA0350
LAT/LON: 39.016670/-114.216670
Agency: 11TOX09
Date Created: 10/26/91
Location: LEHMAN C NR BAKER, NV
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 00331
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 16020301074200.00
RF3 Mile Point: 7.23
Distance from RF3: 0.07
On/Off RF3:
Description:

Parameter Inventory for Station: GRBA0350

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: GRBA0351

NPS Station ID: GRBA0351
LAT/LON: 39.016670/-114.273060
Agency: 11NPSWRD
Date Created: 08/15/98
Location: LEHMAN CREEK #6
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): GRBA_USGS_LCK6
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK NV 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED ON LEHMAN CREEK AND IS WITHIN THE BOUNDARIES OF GREAT BASIN NATIONAL PARK. THE DATA ARE FROMA REPORT BY THE U.S. GEOLOGICAL SURVEY; "GREAT BASIN PARK SEEPAGE RUN; SEPTEMBER 1-3; 1992"; AND CAN ALSO BE FOUND IN THE 1992 ANNUAL WATER DATA OF NEVADA REPORT. THE PURPOSE OF THIS REPORT WAS TO DOCUMENT GAINING AND LOSING REACHES OF STREAMS DURING A PERIOD OF SUSTAINED LOW FLOW IN THE PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0351

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/01/92-09/01/92	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/01/92-09/01/92	1	68.	68.	68.	68.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: GRBA0352

NPS Station ID: GRBA0352
LAT/LON: 39.016948/-114.236115
Agency: 11NPSWRD
Date Created: 08/15/98
Location: LEHMAN CREEK #10
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): GRBA_USGS_LCK10
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE LEHMAN CAVES NV 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED ON LEHMAN CREEK AND IS WITHIN THE BOUNDARIES OF GREAT BASIN NATIONAL PARK. THE DATA ARE FROMA REPORT BY THE U.S. GEOLOGICAL SURVEY; "GREAT BASIN PARK SEEPAGE RUN; SEPTEMBER 1-3; 1992"; AND CAN ALSO BE FOUND IN THE 1992 ANNUAL WATER DATA OF NEVADA REPORT. THE PURPOSE OF THIS REPORT WAS TO DOCUMENT GAINING AND LOSING REACHES OF STREAMS DURING A PERIOD OF SUSTAINED LOW FLOW IN THE PARK. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0352

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/01/92-09/01/92	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/01/92-09/01/92	1	37.	37.	37.	37.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: GRBA0353

NPS Station ID: GRBA0353
LAT/LON: 39.017003/-114.368003
Agency: 11NPSWRD
Date Created: 05/30/98
Location: EYDG020
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): GRBA_NURE_056 /7054988
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 16060008
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: CENTRAL NEVADA
ECO Region:
RF1 Index: 16060008
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK; NV-WHITE PINE CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A SPRING OUTSIDE THE GREAT BASIN NATIONAL PARK BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.45 MICRON FILTER AND ACIDIFIED TO A PH OF ONE WITH NITRIC ACID AT THE SITE. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "SRL" FIELD ENTRY (SAVANNAH RIVER LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE SAVANNAH RIVER LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525. TEL. (970) 225-3516.

Parameter Inventory for Station: GRBA0353

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/06/80-07/06/80	1	0.374	0.374	0.374	0.374	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/06/80-07/06/80	1	6.2	6.2	6.2	6.2	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/06/80-07/06/80	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/06/80-07/06/80	1	0.72	0.72	0.72	0.72	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/06/80-07/06/80	1	1.81	1.81	1.81	1.81	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	07/06/80-07/06/80	1	511.	511.	511.	511.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/06/80-07/06/80	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/06/80-07/06/80	1	32.	32.	32.	32.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/06/80-07/06/80	1	25.	25.	25.	25.	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	07/06/80-07/06/80	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	07/06/80-07/06/80	1	14.	14.	14.	14.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/06/80-07/06/80	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	07/06/80-07/06/80	1	23.	23.	23.	23.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/06/80-07/06/80	1	361.	361.	361.	361.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/06/80-07/06/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	07/06/80-07/06/80	1	14.	14.	14.	14.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	07/06/80-07/06/80	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/06/80-07/06/80	1	246.	246.	246.	246.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	07/06/80-07/06/80	1	44.	44.	44.	44.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: GRBA0353

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/06/80-07/06/80	1	51.	51.	51.	51.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/06/80-07/06/80	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01110	CERIUM, DISSOLVED (UG/L AS CE)	07/06/80-07/06/80	1	50.	50.	50.	50.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/06/80-07/06/80	1	36.	36.	36.	36.	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/06/80-07/06/80	1	2005.	2005.	2005.	2005.	0.	0.	**	**	**	**
01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/06/80-07/06/80	1	54.	54.	54.	54.	0.	0.	**	**	**	**
01180	LANTHANUM, DISSOLVED (UG/L AS LA)	07/06/80-07/06/80	1	25.	25.	25.	25.	0.	0.	**	**	**	**
01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/06/80-07/06/80	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/06/80-07/06/80	1	11.	11.	11.	11.	0.	0.	**	**	**	**
50576	HAFNIUM, DISSOLVED UG/L	07/06/80-07/06/80	1 ##	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
50580	NIOBIUM, DISSOLVED UG/L	07/06/80-07/06/80	1	16.	16.	16.	16.	0.	0.	**	**	**	**
82365	THORIUM, DISSOLVED IN WATER UG/L	07/06/80-07/06/80	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: GRBA0353

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	1	0	0.00							1	0	0.00			
		Drinking Water	4.	1	0	0.00							1	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00							1	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00							1	0	0.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00							1	0	0.00			
		Drinking Water	15.	1	1	1.00							1	1	1.00			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: GRBA0354

NPS Station ID: GRBA0354 LAT/LON: 39.017171/-114.235976 Agency: 11NPSWRD Date Created: 07/11/98
Location: LEHMAN CREEK BELOW LOWER LEHMAN CAMPGROUND FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): GRBA_NPS_LEH904
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 Depth of Water: 0 Aquifer:
Major Basin: GREAT BASIN Elevation: 0 Water Body Id:
Minor Basin: GREAT SALT LAKE ECO Region:
RF1 Index: 16020301 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 16020301119900.00 RF3 Mile Point: 1.19 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE LEHMAN CAVES NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT LEHMAN CREEK BELOW LOWER LEHMAN CAMPGROUND AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THIS SAMPLING SITE WAS REPLACED BY SITE LEH3 FOR STUDIES AFTER 1990. THE DATA ARE FROM SEVERAL YEARLY REPORTS (1990-97) BY KURT PFAFF; PHYSICAL SCIENCE TECHNICIAN FOR GRBA. A SURFACE WATER QUALITY MONITORING PROGRAM WAS INSTITUTED TO ACQUIRE DATA FROM THE PARK WATERS ON A SEMI-ANNUAL BASIS. DATA ARE INTEGRATED INTO THE PARK'S WATER RESOURCE MANAGEMENT PLAN IN ORDER TO PERPETUATE THE INHERENT NATURAL INTEGRITY OF ITS WATER-DEPENDENT ENVIRONMENTS. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0354

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/21/90-06/21/90	1	29.	29.	29.	29.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	06/21/90-06/21/90	1	7.54	7.54	7.54	7.54	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/21/90-06/21/90	1	7.54	7.54	7.54	7.54	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/21/90-06/21/90	1	0.029	0.029	0.029	0.029	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0354

			Total	Exceed	Prop.	9/15-4/14			4/15-6/14			6/15-9/14			n/a		
Parameter	Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00406 PH, FIELD	Fresh Chronic	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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0355

NPS Station ID: GRBA0355 LAT/LON: 39.017171/-114.235976 Agency: 11NPSWRD Date Created: 11/21/98
Location: LEHMAN CREEK BELOW LOWER LEHMAN CAMPGROUND FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): GRBA_EPA_GBS14
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 Depth of Water: 0 Aquifer:
Major Basin: GREAT BASIN Elevation: 7280 Water Body Id:
Minor Basin: GREAT SALT LAKE ECO Region:
RF1 Index: 16020301 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 16020301119900.00 RF3 Mile Point: 1.19 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE LEHMAN CAVES NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT LEHMAN CREEK BELOW LOWER LEHMAN CAMPGROUND AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM A REPORT BY RICHARD METCALF ET AL.; "CHEMISTRY OF SELECTED LAKES AND STREAMS IN GREAT BASIN NATIONAL PARK NEVADA DURING WINTER AND SPRING 1989;" SEPTEMBER 1992. THIS REPORT WAS PREPARED UNDER A COOPERATIVE AGREEMENT BETWEEN THE NPS AND THE ENVIRONMENTAL PROTECTION AGENCY IN AN EFFORT TO OBTAIN A COMPLETE CHEMICAL ANALYSIS OF THE WATERS GRBA. THE DATA ARE MEANT TO BE USED IN PARK RESOURCE ASSESSMENT; IN FUTURE STUDIES; AND AS A SOURCE OF BASELINE WATER QUALITY ANALYSES. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0355

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/28/89-05/28/89	1	38.	38.	38.	38.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/28/89-05/28/89	1	7.38	7.38	7.38	7.38	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/28/89-05/28/89	1	7.38	7.38	7.38	7.38	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/28/89-05/28/89	1	0.042	0.042	0.042	0.042	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/28/89-05/28/89	1	0.12	0.12	0.12	0.12	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	05/28/89-05/28/89	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	05/28/89-05/28/89	1	3.3	3.3	3.3	3.3	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/28/89-05/28/89	1	4.8	4.8	4.8	4.8	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/28/89-05/28/89	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/28/89-05/28/89	1	1.37	1.37	1.37	1.37	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/28/89-05/28/89	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/28/89-05/28/89	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/28/89-05/28/89	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	05/28/89-05/28/89	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	05/28/89-05/28/89	1	61.	61.	61.	61.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	05/28/89-05/28/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	05/28/89-05/28/89	1 ##	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/28/89-05/28/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	05/28/89-05/28/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

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

Parameter Inventory for Station: GRBA0355

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01040	COPPER, DISSOLVED (UG/L AS CU)	05/28/89-05/28/89	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	05/28/89-05/28/89	1	66.	66.	66.	66.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	05/28/89-05/28/89	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/28/89-05/28/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01057	THALLIUM, DISSOLVED (UG/L AS TL)	05/28/89-05/28/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	05/28/89-05/28/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	05/28/89-05/28/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	05/28/89-05/28/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	05/28/89-05/28/89	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01095	ANTIMONY, DISSOLVED (UG/L AS SB)	05/28/89-05/28/89	1 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	05/28/89-05/28/89	1	206.	206.	206.	206.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	05/28/89-05/28/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
72009	ELEVATION OF LAND SURFACE IN FEET (BM)	05/28/89-05/28/89	1	7280.	7280.	7280.	7280.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0355

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00				1	0	0.00						
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00				1	0	0.00						
		Drinking Water	250.	1	0	0.00				1	0	0.00						
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00				1	0	0.00						
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00				1	0	0.00						
		Drinking Water	50.	1	0	0.00				1	0	0.00						
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00				1	0	0.00						
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	1	0	0.00				1	0	0.00						
		Drinking Water	4.	1	0	0.00				1	0	0.00						
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00				1	0	0.00						
		Drinking Water	5.	1	0	0.00				1	0	0.00						
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00				1	0	0.00						
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00				1	0	0.00						
		Drinking Water	1300.	1	0	0.00				1	0	0.00						
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00				1	0	0.00						
		Drinking Water	15.	1	0	0.00				1	0	0.00						
01057	THALLIUM, DISSOLVED	Fresh Acute	1400.	1	0	0.00				1	0	0.00						
		Drinking Water	2.	1	0	0.00				1	0	0.00						
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00				1	0	0.00						
		Drinking Water	100.	1	0	0.00				1	0	0.00						
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00				1	0	0.00						
		Drinking Water	100.	1	0	0.00				1	0	0.00						
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00				1	0	0.00						
		Drinking Water	5000.	1	0	0.00				1	0	0.00						
01095	ANTIMONY, DISSOLVED	Fresh Acute	88.	1	0	0.00				1	0	0.00						
		Drinking Water	6.	1	0	0.00				1	0	0.00						
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00				1	0	0.00						
		Drinking Water	50.	1	0	0.00				1	0	0.00						

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

Station Inventory for Station: GRBA0356

NPS Station ID: GRBA0356 LAT/LON: 39.017753/-114.233754 Agency: 11NPSWRD Date Created: 07/11/98
Location: LEHMAN CREEK BELOW EAST END OF LOWER LEHMAN CG FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): GRBA_NPS_LEH3
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 Depth of Water: 0 Aquifer:
Major Basin: GREAT BASIN Elevation: 7220 Water Body Id:
Minor Basin: GREAT SALT LAKE ECO Region:
RF1 Index: 16020301 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 16020301119900.00 RF3 Mile Point: 1.19 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE LEHMAN CAVES NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT LEHMAN CREEK 200 METERS BELOW LOWER LEHMAN CAMPGROUND AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THE DATA ARE FROM SEVERAL YEARLY REPORTS (1990-97) BY KURT PFAFF; PHYSICAL SCIENCE TECHNICIAN FOR GRBA. A SURFACE WATER QUALITY MONITORING PROGRAM WAS INSTITUTED TO ACQUIRE THE DATA FROM THE PARK WATERS ON A SEMI-ANNUAL BASIS. DATA ARE INTEGRATED INTO THE PARK'S WATER RESOURCE MANAGEMENT PLAN IN ORDER TO PERPETUATE THE INHERENT NATURAL INTEGRITY OF ITS WATER-DEPENDENT ENVIRONMENTS. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0356

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/21/93-10/27/95	5	6.	5.2	7.	3.	2.7	1.643	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/07/91-10/27/95	7	40.	40.714	53.	29.	48.571	6.969	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	10/07/91-10/27/95	14	7.455	7.425	7.57	7.07	0.017	0.129	7.195	7.358	7.518	7.56
00406	CONVERTED PH, FIELD, STANDARD UNITS	10/07/91-10/27/95	14	7.455	7.405	7.57	7.07	0.017	0.13	7.195	7.358	7.517	7.56
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/07/91-10/27/95	14	0.035	0.039	0.085	0.027	0.	0.015	0.028	0.03	0.044	0.066

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

EPA Water Quality Criteria Analysis for Station: GRBA0356

			Total	Exceed	Prop.	----------9/15-4/14----------			----------4/15-6/14----------			----------6/15-9/14----------			--------------n/a--------------		
Parameter	Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00406 PH, FIELD	Fresh Chronic	9.	14	0	0.00	10	0	0.00	2	0	0.00	2	0	0.00			
	Other-Lo Lim.	6.5	14	0	0.00	10	0	0.00	2	0	0.00	2	0	0.00			

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

Station Inventory for Station: GRBA0357

NPS Station ID: GRBA0357 LAT/LON: 39.018420/-114.224143 Agency: 11NPSWRD Date Created: 12/19/98
Location: LEHMAN CREEK ABOVE TREATMENT PONDS FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): GRBA_MAINT_3
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 Depth of Water: 0 Aquifer:
Major Basin: GREAT BASIN Elevation: 0 Water Body Id:
Minor Basin: GREAT SALT LAKE ECO Region:
RF1 Index: 16020301 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 16020301119900.00 RF3 Mile Point: 1.19 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE LEHMAN CAVES NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT LEHMAN CREEK UPSTREAM OF THE SEWAGE TREATMENT PONDS. THIS SITE IS WITHIN THE GREAT BASIN NATIONAL PARK BOUNDARY. DATA WERE COLLECTED AS PART OF THE PARK'S SURFACE WATER QUALITY MONITORING PROGRAM AND ARE AVAILABLE THROUGH THE MAINTENANCE DIVISION. FOR 1991-1997; SAMPLING DATES WERE ESTIMATED TO BE THE 15TH OF EACH MONTH. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-970 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0357

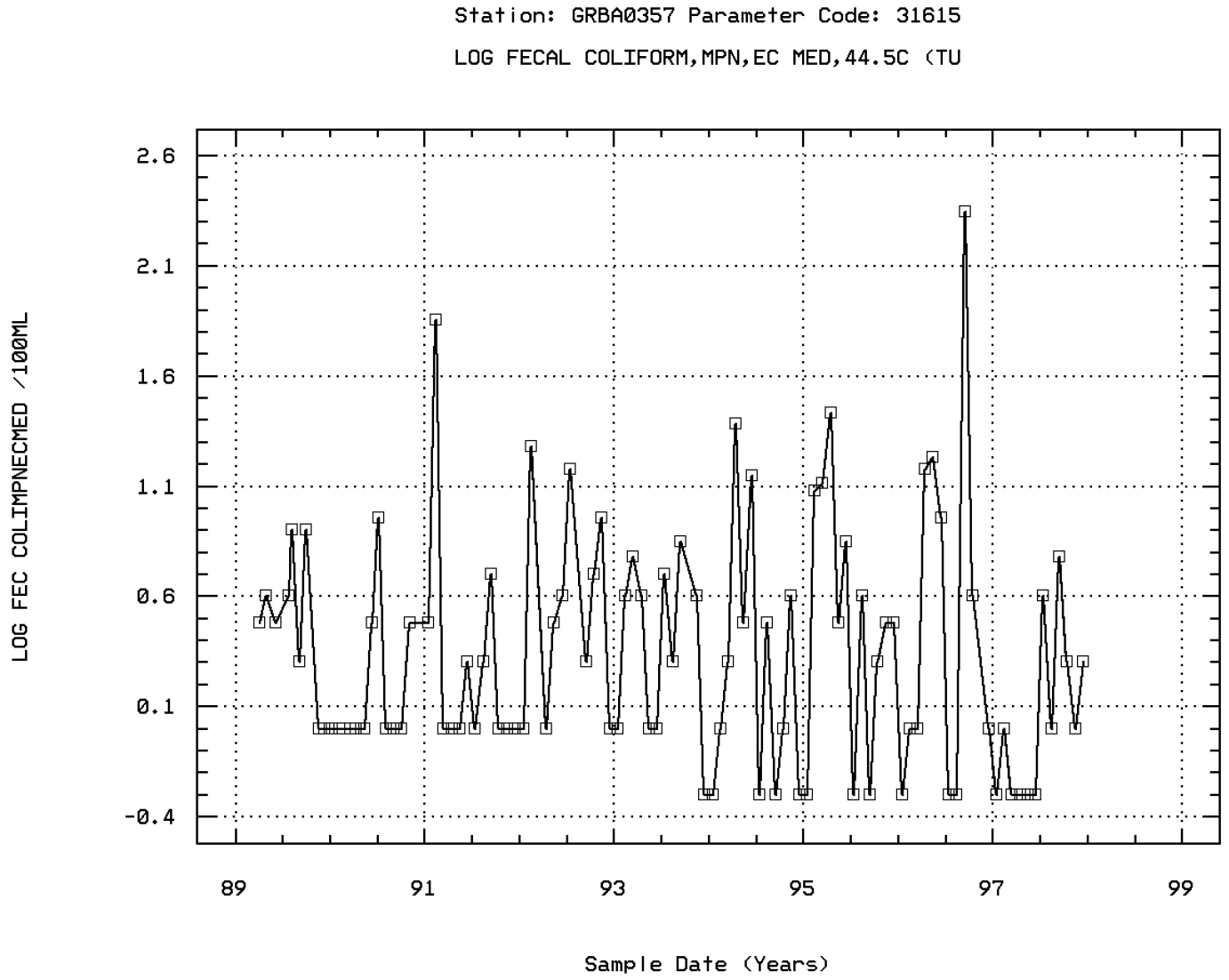
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/03/89-12/15/97	102	2.	6.52	222.	0.	534.965	23.129	0.	0.5	4.25	12.7
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/03/89-12/15/97	102	0.301	0.357	2.346	-0.301	0.281	0.53	0.	-0.301	0.626	1.104
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.274								
31672p	FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C48	04/03/89-12/15/97	102	15.5	24.069	102.	0.	644.263	25.382	2.	7.	31.25	63.8
31672p	LOG FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35	04/03/89-12/15/97	102	1.19	1.11	2.009	-0.301	0.314	0.561	0.301	0.845	1.495	1.805
31672p	GM FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C	GEOMETRIC MEAN =			12.891								
61206	E.COLI, WATER, MMO-MUG, MPN MPN/100ML	11/15/96-11/15/96	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: GRBA0357

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	102	1	0.01	57	1	0.02	18	0	0.00	27	0	0.00			

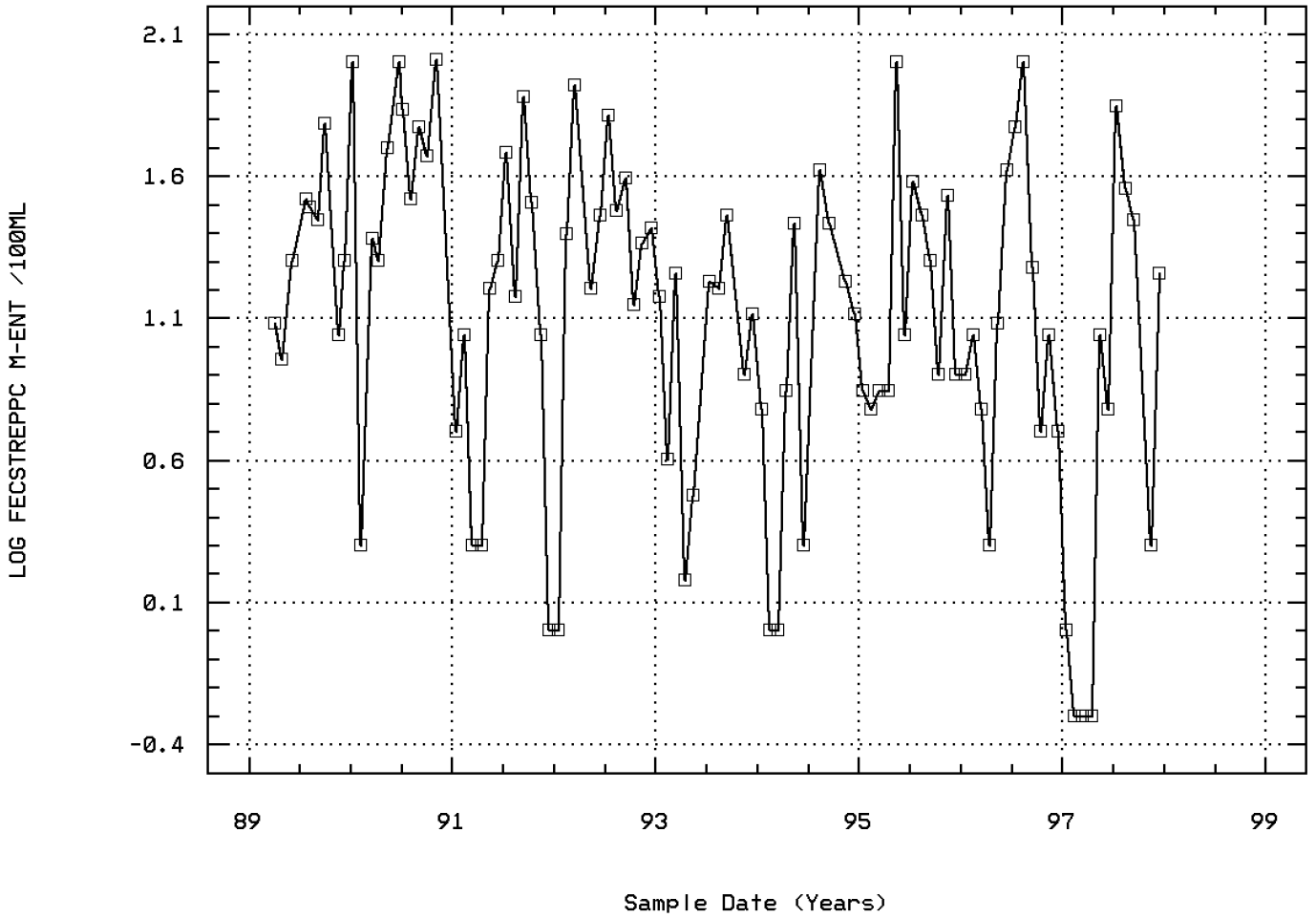
& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter



LEHMAN CREEK ABOVE TREATMENT PONDS

Station: GRBA0357 Parameter Code: 31672

LOG FECAL STREPTOCOCCI,PLATE COUNT M-EN



LEHMAN CREEK ABOVE TREATMENT PONDS

Annual Analysis for 1989 - Station GRBA0357

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/03/89-12/15/97	9	3.	3.556	8.	0.	8.528	2.92	0.	1.	6.	8.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/03/89-12/15/97	9	0.477	0.474	0.903	0.	0.11	0.332	0.	0.151	0.753	0.903
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.978								
31672p	FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C48	04/03/89-12/15/97	9	20.	25.	61.	9.	259.5	16.109	9.	11.5	32.	61.
31672p	LOG FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35	04/03/89-12/15/97	9	1.301	1.324	1.785	0.954	0.071	0.267	0.954	1.06	1.505	1.785
31672p	GM FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C	GEOMETRIC MEAN =			21.104								

** - Less than 9 observations ## - Computed 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 GRBA0357

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/03/89-12/15/97	11	1.	1.636	9.	0.	7.255	2.693	0.	0.	3.	7.8
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/03/89-12/15/97	11	0.	0.173	0.954	0.	0.103	0.322	0.	0.	0.477	0.859
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.491								
31672p	FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C48	04/03/89-12/15/97	11	50.	55.	102.	2.	1201.2	34.658	5.6	24.	100.	101.6
31672p	LOG FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35	04/03/89-12/15/97	11	1.699	1.589	2.009	0.301	0.242	0.491	0.501	1.38	2.	2.007
31672p	GM FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C	GEOMETRIC MEAN =			38.854								

** - Less than 9 observations ## - Computed 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 GRBA0357

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/03/89-12/15/97	12	1.	7.083	71.	0.	407.538	20.188	0.	0.	2.75	51.2
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/03/89-12/15/97	12	0.	0.302	1.851	0.	0.293	0.542	0.	0.	0.433	1.506
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.007								
31672p	FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C48	04/03/89-12/15/97	12	13.	19.917	76.	1.	500.083	22.363	1.3	2.75	29.	67.6
31672p	LOG FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35	04/03/89-12/15/97	12	1.109	1.011	1.881	0.	0.339	0.582	0.09	0.401	1.454	1.821
31672p	GM FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C	GEOMETRIC MEAN =			10.257								

** - 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 box-and-whisker plot

Annual Analysis for 1992 - Station GRBA0357

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/03/89-12/15/97	12	4.5	6.5	19.	0.	37.727	6.142	0.	1.25	10.	17.8
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/03/89-12/15/97	12	0.651	0.624	1.279	0.	0.22	0.47	0.	0.075	1.	1.248
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			4.207								
31672p	FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C48	04/03/89-12/15/97	12	25.5	30.083	83.	1.	536.265	23.157	3.7	14.5	36.75	77.6
31672p	LOG FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35	04/03/89-12/15/97	12	1.406	1.316	1.919	0.	0.239	0.489	0.3	1.161	1.563	1.887
31672p	GM FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C	GEOMETRIC MEAN =			20.683								

** - Less than 9 observations ## - Computed 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 GRBA0357

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/03/89-12/15/97	11	4.	3.045	7.	0.	6.123	2.474	0.	0.5	5.	6.8
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/03/89-12/15/97	11	0.602	0.375	0.845	-0.301	0.153	0.391	0.	-0.301	0.699	0.832
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.373								

** - Less than 9 observations ## - Computed 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 GRBA0357

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31672p	FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C48	04/03/89-12/15/97	11	13.	12.227	29.	1.5	65.068	8.066	1.8	4.	17.	26.8
31672p	LOG FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35	04/03/89-12/15/97	11	1.114	0.964	1.462	0.176	0.152	0.39	0.236	0.602	1.23	1.421
31672p	GM FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C	GEOMETRIC MEAN =			9.198								

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

Annual Analysis for 1994 - Station GRBA0357

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/03/89-12/15/97	12	1.5	4.417	24.	0.	52.538	7.248	0.15	0.5	3.75	21.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/03/89-12/15/97	12	0.151	0.265	1.38	-0.301	0.332	0.576	-0.09	-0.301	0.571	1.31
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.841								
31672p	FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C48	04/03/89-12/15/97	11	10.	13.818	42.	0.	176.964	13.303	0.2	2.	27.	39.
31672p	LOG FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35	04/03/89-12/15/97	11	1.	0.887	1.623	0.	0.325	0.57	0.	0.301	1.431	1.585
31672p	GM FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C	GEOMETRIC MEAN =			7.705								

** - Less than 9 observations ## - Computed 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 1995 - Station GRBA0357

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/03/89-12/15/97	12	3.	6.292	27.	0.5	60.339	7.768	0.5	0.875	10.75	22.8
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/03/89-12/15/97	12	0.477	0.492	1.431	-0.301	0.334	0.578	-0.301	-0.151	1.021	1.336
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.103								
31672p	FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C48	04/03/89-12/15/97	12	9.5	22.917	100.	6.	724.629	26.919	6.3	7.	32.75	81.4
31672p	LOG FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35	04/03/89-12/15/97	12	0.972	1.17	2.	0.778	0.156	0.395	0.798	0.845	1.514	1.874
31672p	GM FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C	GEOMETRIC MEAN =			14.779								

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

Annual Analysis for 1996 - Station GRBA0357

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/03/89-12/15/97	11	1.	24.591	222.	0.	4324.591	65.762	0.1	0.5	15.	181.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/03/89-12/15/97	11	0.	0.491	2.346	-0.301	0.729	0.854	-0.06	-0.301	1.176	2.123
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.101								
31672p	FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C48	04/03/89-12/15/97	12	11.	23.333	100.	2.	873.879	29.561	2.9	5.25	36.25	87.7
31672p	LOG FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35	04/03/89-12/15/97	12	1.041	1.101	2.	0.301	0.243	0.493	0.42	0.719	1.537	1.931
31672p	GM FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C	GEOMETRIC MEAN =			12.626								

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

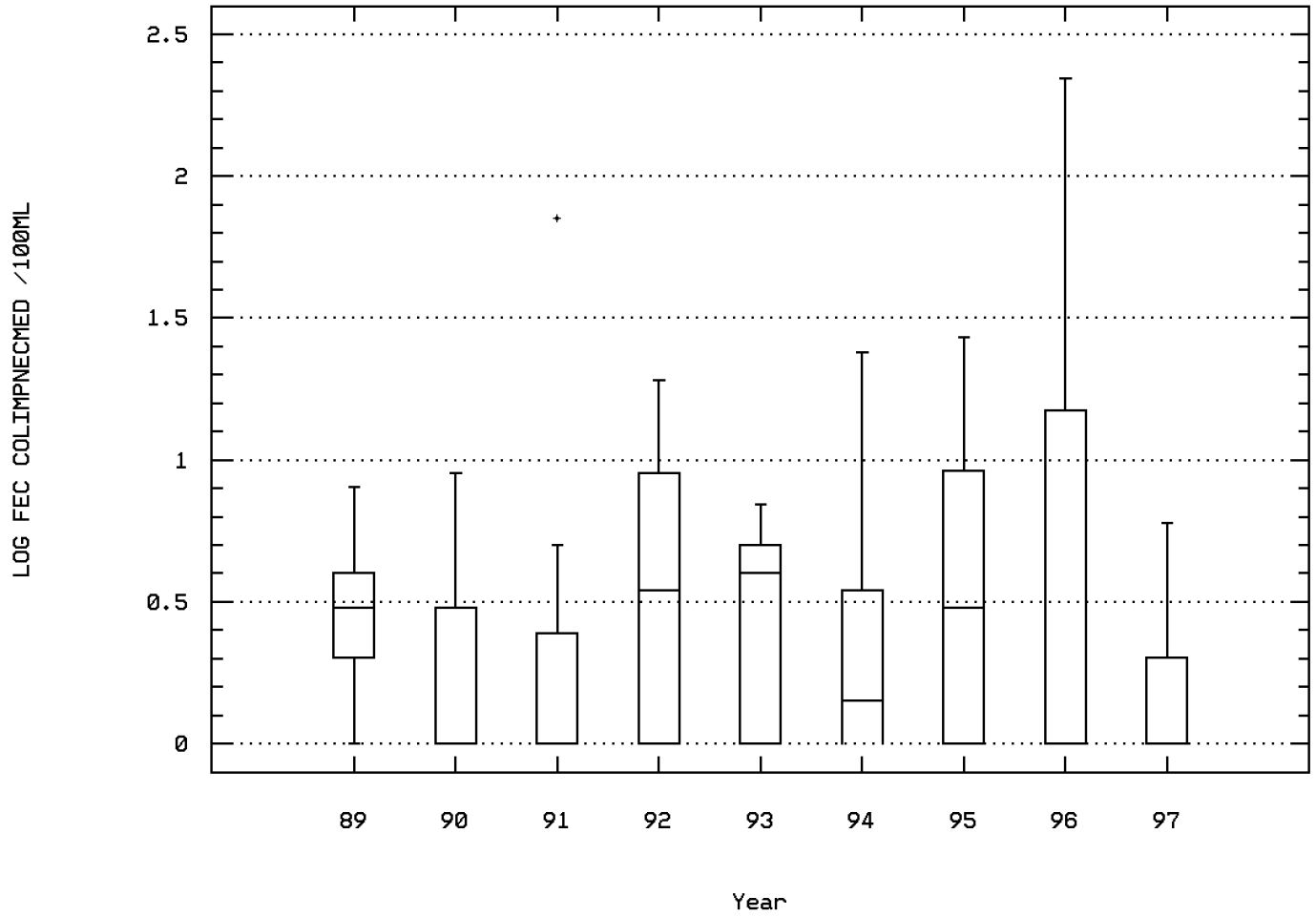
Annual Analysis for 1997 - Station GRBA0357

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/03/89-12/15/97	12	1.	1.625	6.	0.5	2.96	1.721	0.5	0.5	2.	5.4
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/03/89-12/15/97	12	0.	0.04	0.778	-0.301	0.144	0.379	-0.301	-0.301	0.301	0.725
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.096								
31672p	FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C48	04/03/89-12/15/97	12	8.	15.292	70.	0.5	432.794	20.804	0.5	0.625	25.5	59.8
31672p	LOG FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35	04/03/89-12/15/97	12	0.889	0.693	1.845	-0.301	0.616	0.785	-0.301	-0.226	1.399	1.758
31672p	GM FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C	GEOMETRIC MEAN =			4.937								

** - Less than 9 observations ## - Computed 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: GRBA0357 Parameter Code: 31615

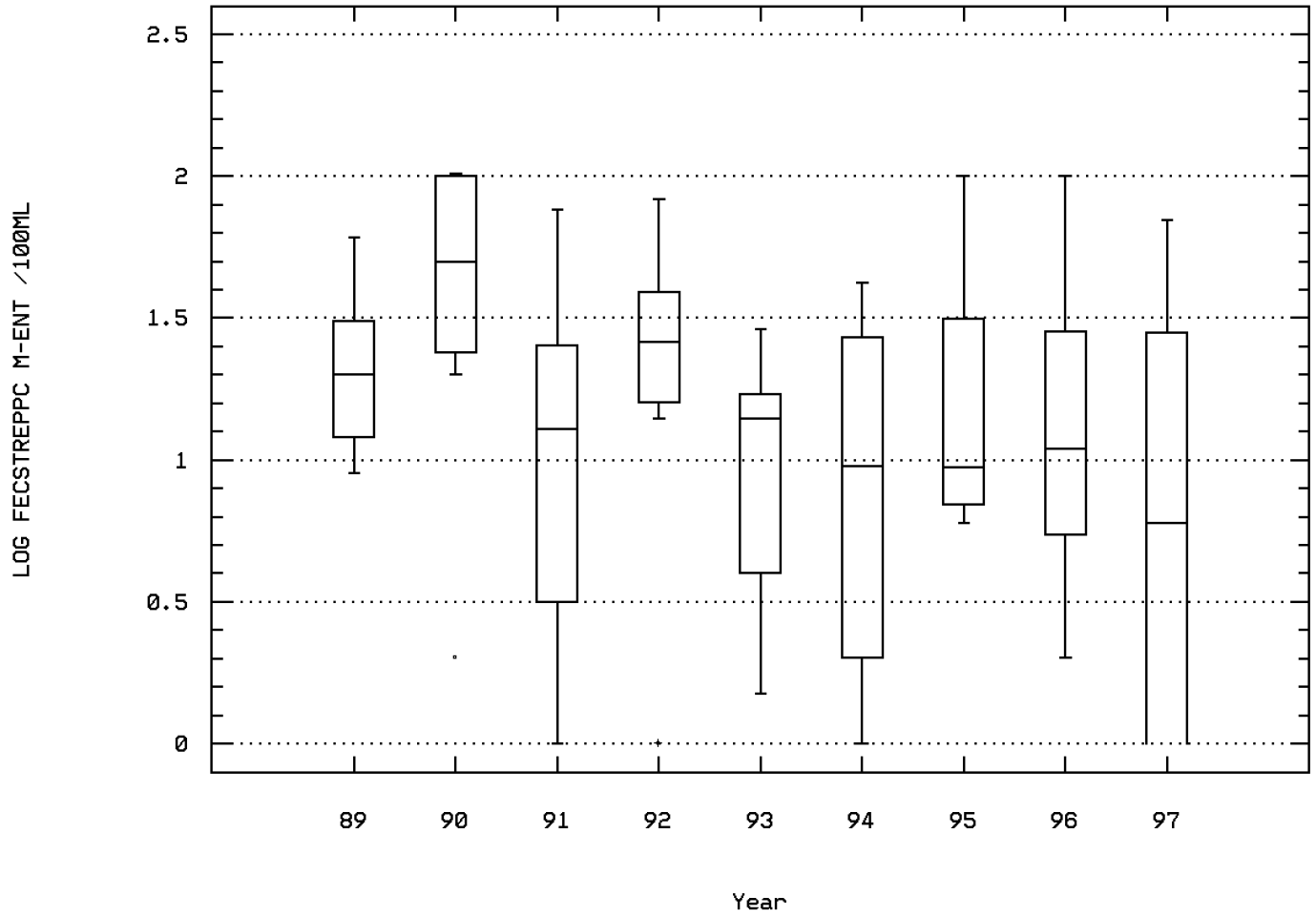
LOG FECAL COLIFORM,MPN,EC MED,44.5C (TU



LEHMAN CREEK ABOVE TREATMENT PONDS

Station: GRBA0357 Parameter Code: 31672

LOG FECAL STREPTOCOCCI,PLATE COUNT M-EN



LEHMAN CREEK ABOVE TREATMENT PONDS

Seasonal Analysis for Season #1: 9/15 to 4/14 - Station GRBA0357

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/03/89-12/15/97	57	1.	7.868	222.	0.	929.058	30.48	0.	0.5	4.	10.4
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/03/89-12/15/97	57	0.	0.314	2.346	-0.301	0.3	0.548	0.	-0.301	0.602	1.016
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.062								
31672p	FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C48	04/03/89-12/15/97	58	11.	19.379	102.	0.	534.266	23.114	1.	5.75	24.25	48.4
31672p	LOG FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35	04/03/89-12/15/97	58	1.041	1.003	2.009	-0.301	0.315	0.561	0.	0.758	1.385	1.683
31672p	GM FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C	GEOMETRIC MEAN =			10.074								

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

Seasonal Analysis for Season #2: 4/15 to 6/14 - Station GRBA0357

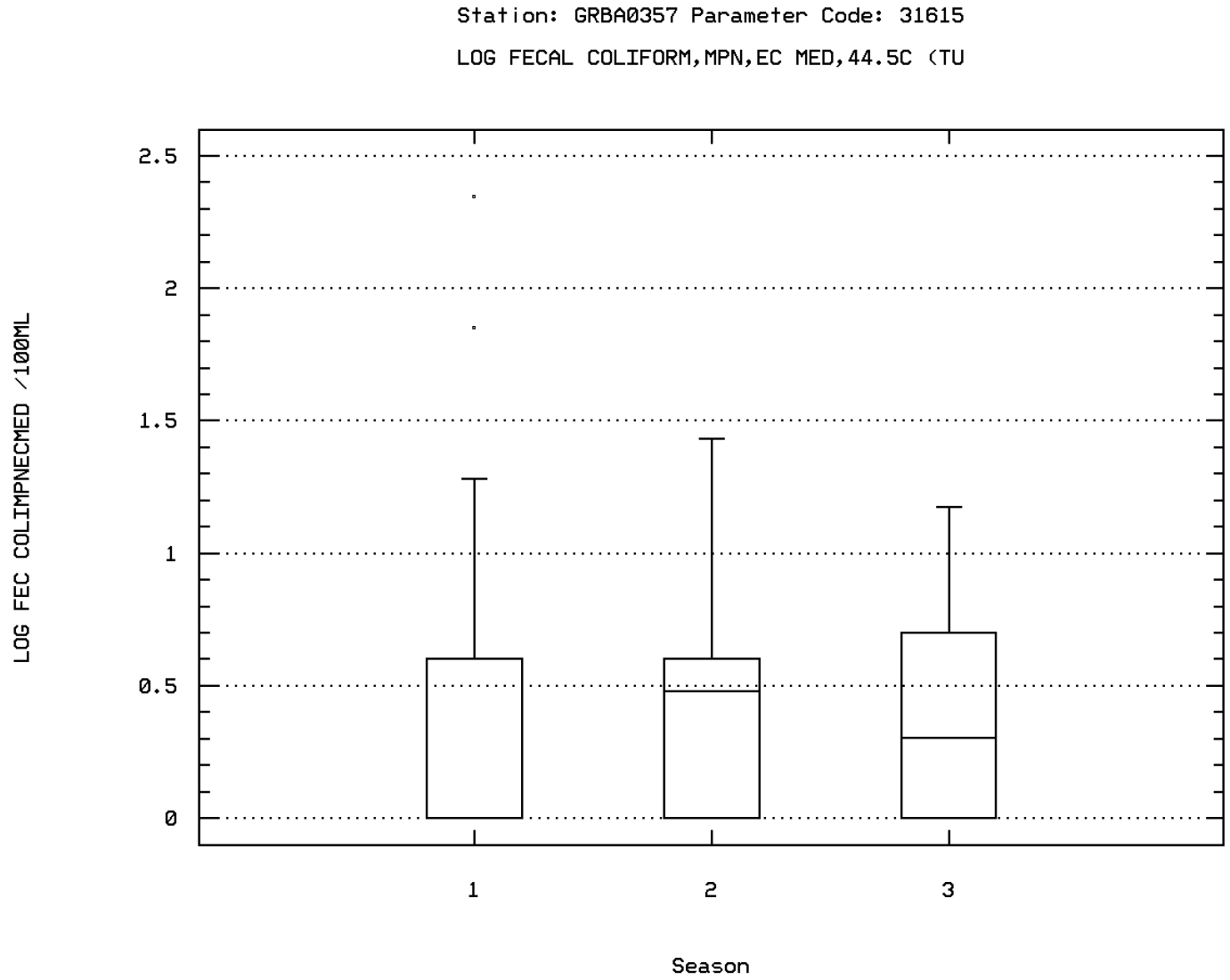
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/03/89-12/15/97	18	3.	5.944	27.	0.	74.144	8.611	0.	0.	6.75	24.3
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/03/89-12/15/97	18	0.477	0.456	1.431	-0.301	0.303	0.551	0.	0.	0.746	1.385
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.857								
31672p	FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C48	04/03/89-12/15/97	17	10.	17.294	100.	0.5	601.252	24.52	1.3	2.5	18.	60.
31672p	LOG FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35	04/03/89-12/15/97	17	1.	0.915	2.	-0.301	0.338	0.581	0.081	0.389	1.253	1.759
31672p	GM FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C	GEOMETRIC MEAN =			8.227								

** - Less than 9 observations ## - Computed 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: 6/15 to 9/14 - Station GRBA0357

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/03/89-12/15/97	27	2.	4.056	15.	0.	18.083	4.252	0.4	0.5	7.	10.8
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	04/03/89-12/15/97	27	0.301	0.38	1.176	-0.301	0.236	0.486	-0.241	-0.301	0.845	1.029
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.399								
31672p	FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C48	04/03/89-12/15/97	27	33.	38.407	100.	2.	668.866	25.862	9.2	17.	59.	76.
31672p	LOG FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35	04/03/89-12/15/97	27	1.519	1.463	2.	0.301	0.144	0.379	0.956	1.23	1.771	1.876
31672p	GM FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C	GEOMETRIC MEAN =			29.052								

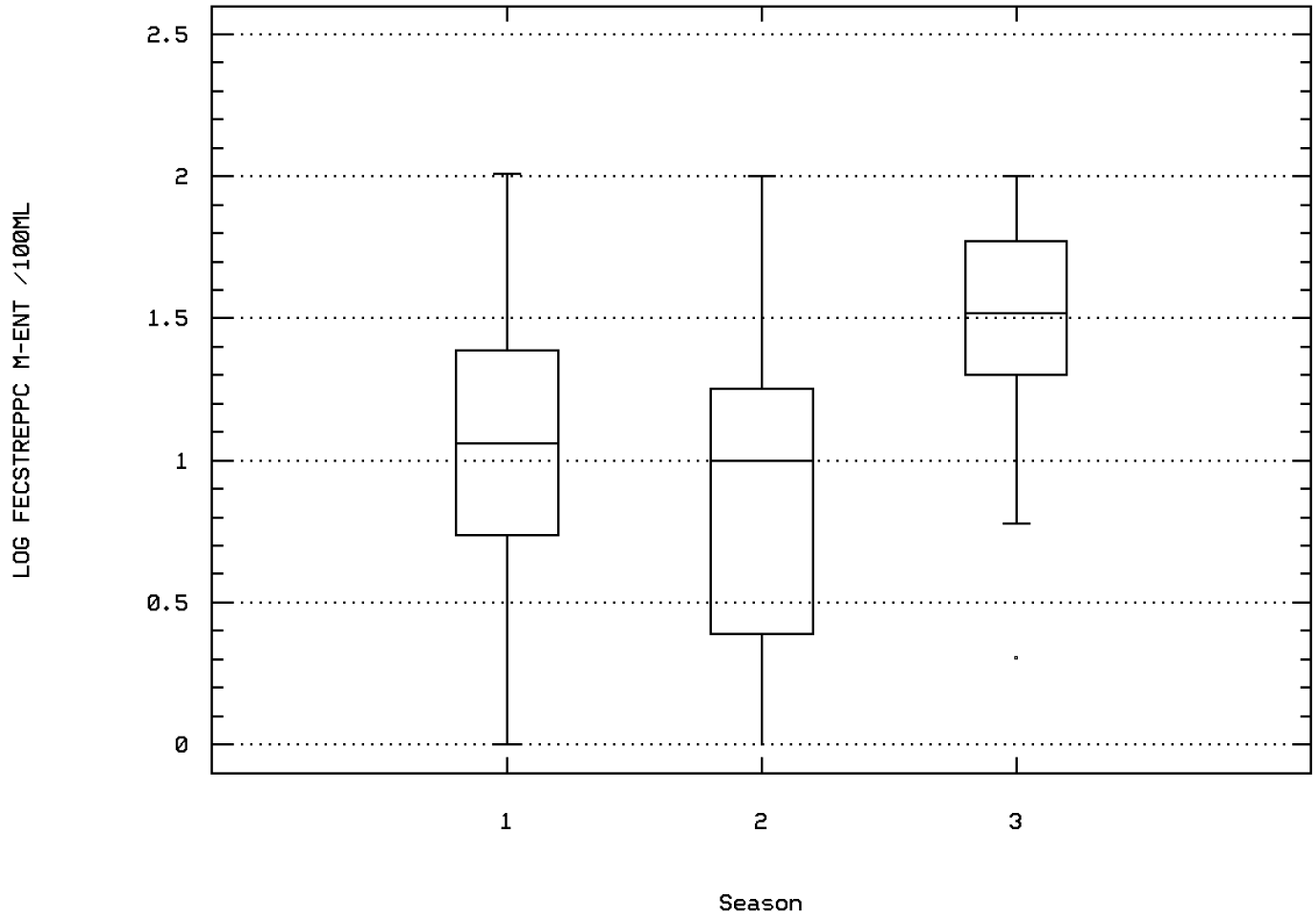
** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot



LEHMAN CREEK ABOVE TREATMENT PONDS

Station: GRBA0357 Parameter Code: 31672

LOG FECAL STREPTOCOCCI,PLATE COUNT M-EN



LEHMAN CREEK ABOVE TREATMENT PONDS

Station Inventory for Station: GRBA0358

NPS Station ID: GRBA0358 | LAT/LON: 39.020003/-114.079004 | Agency: 11NPSWRD | Date Created: 05/30/98
Location: EYDH067 | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): GRBA_NURE_176 /7055089
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 16020301 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 0 | Water Body Id:
Minor Basin: GREAT SALT LAKE | ECO Region:
RF1 Index: 16020301 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE BAKER; NV-UT 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A SPRING OUTSIDE THE GREAT BASIN NATIONAL PARK BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.45 MICRON FILTER AND ACIDIFIED TO A PH OF ONE WITH NITRIC ACID AT THE SITE. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "SRL" FIELD ENTRY (SAVANNAH RIVER LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE SAVANNAH RIVER LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525. TEL. (970) 225-3516.

Parameter Inventory for Station: GRBA0358

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/12/80-07/12/80	1	0.489	0.489	0.489	0.489	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/12/80-07/12/80	1	11.1	11.1	11.1	11.1	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/12/80-07/12/80	1	2.3	2.3	2.3	2.3	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/12/80-07/12/80	1	0.99	0.99	0.99	0.99	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/12/80-07/12/80	1	1.29	1.29	1.29	1.29	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	07/12/80-07/12/80	1	512.	512.	512.	512.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/12/80-07/12/80	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/12/80-07/12/80	1	23.	23.	23.	23.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/12/80-07/12/80	1	17.	17.	17.	17.	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	07/12/80-07/12/80	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	07/12/80-07/12/80	1	11.	11.	11.	11.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/12/80-07/12/80	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	07/12/80-07/12/80	1	18.	18.	18.	18.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/12/80-07/12/80	1	314.	314.	314.	314.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/12/80-07/12/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	07/12/80-07/12/80	1	8.	8.	8.	8.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	07/12/80-07/12/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/12/80-07/12/80	1	436.	436.	436.	436.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	07/12/80-07/12/80	1	32.	32.	32.	32.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: GRBA0358

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/12/80-07/12/80	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/12/80-07/12/80	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01110	CERIUM, DISSOLVED (UG/L AS CE)	07/12/80-07/12/80	1	39.	39.	39.	39.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/12/80-07/12/80	1	31.	31.	31.	31.	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/12/80-07/12/80	1	1611.	1611.	1611.	1611.	0.	0.	**	**	**	**
01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/12/80-07/12/80	1	37.	37.	37.	37.	0.	0.	**	**	**	**
01180	LANTHANUM, DISSOLVED (UG/L AS LA)	07/12/80-07/12/80	1	19.	19.	19.	19.	0.	0.	**	**	**	**
01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/12/80-07/12/80	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/12/80-07/12/80	1	10.	10.	10.	10.	0.	0.	**	**	**	**
50576	HAFNIUM, DISSOLVED UG/L	07/12/80-07/12/80	1 ##	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
50580	NIOBIUM, DISSOLVED UG/L	07/12/80-07/12/80	1	15.	15.	15.	15.	0.	0.	**	**	**	**
82365	THORIUM, DISSOLVED IN WATER UG/L	07/12/80-07/12/80	1	8.	8.	8.	8.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0358

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	1	0	0.00							1	0	0.00			
		Drinking Water	4.	1	0	0.00							1	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00							1	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00							1	0	0.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00							1	0	0.00			
		Drinking Water	15.	1	1	1.00							1	1	1.00			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: GRBA0359

NPS Station ID: GRBA0359 | LAT/LON: 39.020142/-114.280920 | Agency: 11NPSWRD | Date Created: 03/06/99
Location: LEHMAN CREEK SPRING 1 | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): GRBA_ACHEM_LCS1
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 2767 | Water Body Id:
Minor Basin: GREAT SALT LAKE | ECO Region:
RF1 Index: 16020301 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPO.) QUADRANGLE. THE SITE IS LOCATED AT A SPRING NORTH OF LEHMAN CREEK; APPROXIMATELY 2 MILES EAST OF TERESA LAKE; AND IS WITHIN THE BOUNDARIES OF GREAT BASIN NATIONAL PARK. THE DATA ARE FROM A MASTER'S THESIS PREPARED BY STEPHEN ACHAEMPONG; "ISOTOPE HYDROLOGY OF LEHMAN AND BAKER CREEKS DRAINAGES; GREAT BASIN NATIONAL PARK; NEVADA." THIS THESIS WAS SUBMITTED TO THE DEPARTMENT OF GEO- SCIENCE; UNIVERSITY OF NEVADA; LAS VEGAS IN AUGUST OF 1992. THE DATA WERE COLLECTED IN ORDER TO UNDERSTAND THE RECHARGE AND MIXING MECHANISMS OF WATER RESOURCES IN THE PARK USING ENVIRONMENTALLY STABLE ISOTOPES OF DEUTERIUM AND OXYGEN-18. DATES WERE ESTIMATED AS RAW DATA WERE UNAVAIL- ABLE. FOR MORE INFORMATION ON THE PARK CONTACT THE CHIEF OF RESOURCES AT GRBA; BAKER NV 89311-9700 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NPS WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0359

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/15/90-09/15/91	9	6.	5.689	11.	0.	13.971	3.738	0.	2.	8.6	11.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/15/90-09/15/91	9	40.	45.889	118.	5.	929.861	30.494	5.	32.5	52.5	118.
82082	DEUTERIUM/PROTIUM (H-2/H-1) STABLE ISOTOPE RATIO	08/15/90-09/15/91	9	-114.	-113.111	-110.	-115.	3.611	1.9	-110.	-111.5	-114.5	-115.
82085	OXYGEN-18/OXYGEN-16 STABLE ISOTOPE RATIO PER MIL	08/15/90-09/15/91	9	-16.	-15.667	-15.	-16.	0.25	0.5	-15.	-15.	-16.	-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

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

Station Inventory for Station: GRBA0360

NPS Station ID: GRBA0360 | LAT/LON: 39.020809/-114.096699 | Agency: 11NPSWRD | Date Created: 05/30/98
Location: EYDH517R | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): GRBA_NURE_172 /5069653
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 16020301 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 0 | Water Body Id:
Minor Basin: GREAT SALT LAKE | ECO Region:
RF1 Index: 16020301 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE BAKER; NV-UT 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A SPRING OUTSIDE THE GREAT BASIN NATIONAL PARK BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.8 MICRON FILTER OR SMALLER AT THE SITE. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "SRL" FIELD ENTRY (SAVANNAH RIVER LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE SAVANNAH RIVER LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525. TEL. (970) 225-3516.

Parameter Inventory for Station: GRBA0360

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/12/80-07/12/80	1	23.	23.	23.	23.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/12/80-07/12/80	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/12/80-07/12/80	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/12/80-07/12/80	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/12/80-07/12/80	1	35.	35.	35.	35.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/12/80-07/12/80	1	4.39	4.39	4.39	4.39	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	07/12/80-07/12/80	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/12/80-07/12/80	1	90.	90.	90.	90.	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	07/12/80-07/12/80	1	0.092	0.092	0.092	0.092	0.	0.	**	**	**	**
50700	FLUORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	07/12/80-07/12/80	1	70.	70.	70.	70.	0.	0.	**	**	**	**
50760	CHLORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	07/12/80-07/12/80	1	2500.	2500.	2500.	2500.	0.	0.	**	**	**	**
82331	DYSPROSIUM, DISSOLVED AS DY IN WATER UG/L	07/12/80-07/12/80	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0360

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: GRBA0361

NPS Station ID: GRBA0361
LAT/LON: 39.020809/-114.097003
Agency: 11NPSWRD
Date Created: 05/30/98
Location: EYDH517
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): GRBA_NURE_174 /7071054
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE BAKER; NV-UT 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A SPRING OUTSIDE THE GREAT BASIN NATIONAL PARK BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.8 MICRON FILTER OR SMALLER AT THE SITE. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "SRL" FIELD ENTRY (SAVANNAH RIVER LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE SAVANNAH RIVER LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525. TEL. (970) 225-3516.

Parameter Inventory for Station: GRBA0361

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/12/80-07/12/80	1	23.	23.	23.	23.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/12/80-07/12/80	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/12/80-07/12/80	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/12/80-07/12/80	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/12/80-07/12/80	1	35.	35.	35.	35.	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/12/80-07/12/80	1 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/12/80-07/12/80	1	16.7	16.7	16.7	16.7	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/12/80-07/12/80	1	2.2	2.2	2.2	2.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/12/80-07/12/80	1	3.1	3.1	3.1	3.1	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/12/80-07/12/80	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	07/12/80-07/12/80	1	45.	45.	45.	45.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/12/80-07/12/80	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/12/80-07/12/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/12/80-07/12/80	1	29.	29.	29.	29.	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	07/12/80-07/12/80	1	7.	7.	7.	7.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	07/12/80-07/12/80	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/12/80-07/12/80	1	78.	78.	78.	78.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/12/80-07/12/80	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/12/80-07/12/80	1	23.	23.	23.	23.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: GRBA0361

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01065	NICKEL, DISSOLVED (UG/L AS NI)	07/12/80-07/12/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	07/12/80-07/12/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/12/80-07/12/80	1	52.	52.	52.	52.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	07/12/80-07/12/80	1	13.	13.	13.	13.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/12/80-07/12/80	1	13.	13.	13.	13.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/12/80-07/12/80	1	36.	36.	36.	36.	0.	0.	**	**	**	**
01110	CERIUM, DISSOLVED (UG/L AS CE)	07/12/80-07/12/80	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/12/80-07/12/80	1	75.	75.	75.	75.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	07/12/80-07/12/80	1	1100.	1100.	1100.	1100.	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/12/80-07/12/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/12/80-07/12/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/12/80-07/12/80	1	35.	35.	35.	35.	0.	0.	**	**	**	**
01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/12/80-07/12/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0361

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	1	0	0.00							1	0	0.00			
		Drinking Water	4.	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			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: GRBA0362

NPS Station ID: GRBA0362
LAT/LON: 39.021004/-114.094003
Agency: 11NPSWRD
Date Created: 05/30/98
Location: EYDH069
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): GRBA_NURE_171 /7055091
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE BAKER; NV-UT 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A SPRING OUTSIDE THE GREAT BASIN NATIONAL PARK BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.45 MICRON FILTER AND ACIDIFIED TO A PH OF ONE WITH NITRIC ACID AT THE SITE. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "SRL" FIELD ENTRY (SAVANNAH RIVER LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE SAVANNAH RIVER LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525. TEL. (970) 225-3516.

Parameter Inventory for Station: GRBA0362

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/12/80-07/12/80	1	1.192	1.192	1.192	1.192	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/12/80-07/12/80	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/12/80-07/12/80	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/12/80-07/12/80	1	0.73	0.73	0.73	0.73	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/12/80-07/12/80	1	1.33	1.33	1.33	1.33	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	07/12/80-07/12/80	1	444.	444.	444.	444.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/12/80-07/12/80	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/12/80-07/12/80	1	33.	33.	33.	33.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/12/80-07/12/80	1	23.	23.	23.	23.	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	07/12/80-07/12/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	07/12/80-07/12/80	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/12/80-07/12/80	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	07/12/80-07/12/80	1	84.	84.	84.	84.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/12/80-07/12/80	1	251.	251.	251.	251.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/12/80-07/12/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	07/12/80-07/12/80	1	12.	12.	12.	12.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	07/12/80-07/12/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/12/80-07/12/80	1	285.	285.	285.	285.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	07/12/80-07/12/80	1	34.	34.	34.	34.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: GRBA0362

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/12/80-07/12/80	1	136.	136.	136.	136.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/12/80-07/12/80	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01110	CERIUM, DISSOLVED (UG/L AS CE)	07/12/80-07/12/80	1	34.	34.	34.	34.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/12/80-07/12/80	1	32.	32.	32.	32.	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/12/80-07/12/80	1	1600.	1600.	1600.	1600.	0.	0.	**	**	**	**
01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/12/80-07/12/80	1	31.	31.	31.	31.	0.	0.	**	**	**	**
01180	LANTHANUM, DISSOLVED (UG/L AS LA)	07/12/80-07/12/80	1	18.	18.	18.	18.	0.	0.	**	**	**	**
01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/12/80-07/12/80	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/12/80-07/12/80	1	9.	9.	9.	9.	0.	0.	**	**	**	**
50576	HAFNIUM, DISSOLVED UG/L	07/12/80-07/12/80	1 ##	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
50580	NIOBIUM, DISSOLVED UG/L	07/12/80-07/12/80	1	10.	10.	10.	10.	0.	0.	**	**	**	**
82365	THORIUM, DISSOLVED IN WATER UG/L	07/12/80-07/12/80	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: GRBA0362

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	1	0	0.00							1	0	0.00			
		Drinking Water	4.	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	1	1.00							1	1	1.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	1	1.00							1	1	1.00			
		Drinking Water	15.	1	1	1.00							1	1	1.00			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	1	1.00							1	1	1.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: GRBA0363

NPS Station ID: GRBA0363 | LAT/LON: 39.021004/-114.427004 | Agency: 11NPSWRD | Date Created: 05/30/98
Location: EYDG024 | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): GRBA_NURE_028 /7054992
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 16060008 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 0 | Water Body Id:
Minor Basin: CENTRAL NEVADA | ECO Region:
RF1 Index: 16060008 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE HOGUM; NV-WHITE PINE CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A SPRING OUTSIDE THE GREAT BASIN NATIONAL PARK BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.45 MICRON FILTER AND ACIDIFIED TO A PH OF ONE WITH NITRIC ACID AT THE SITE. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "SRL" FIELD ENTRY (SAVANNAH RIVER LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE SAVANNAH RIVER LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525. TEL. (970) 225-3516.

Parameter Inventory for Station: GRBA0363

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/06/80-07/06/80	1	0.545	0.545	0.545	0.545	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/06/80-07/06/80	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/06/80-07/06/80	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/06/80-07/06/80	1	1.44	1.44	1.44	1.44	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/06/80-07/06/80	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	07/06/80-07/06/80	1	592.	592.	592.	592.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/06/80-07/06/80	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/06/80-07/06/80	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/06/80-07/06/80	1	26.	26.	26.	26.	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	07/06/80-07/06/80	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	07/06/80-07/06/80	1	17.	17.	17.	17.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/06/80-07/06/80	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	07/06/80-07/06/80	1	27.	27.	27.	27.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/06/80-07/06/80	1	562.	562.	562.	562.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/06/80-07/06/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	07/06/80-07/06/80	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	07/06/80-07/06/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/06/80-07/06/80	1	213.	213.	213.	213.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	07/06/80-07/06/80	1	46.	46.	46.	46.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: GRBA0363

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/06/80-07/06/80	1	76.	76.	76.	76.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/06/80-07/06/80	1	7.	7.	7.	7.	0.	0.	**	**	**	**
01110	CERIUM, DISSOLVED (UG/L AS CE)	07/06/80-07/06/80	1	50.	50.	50.	50.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/06/80-07/06/80	1	36.	36.	36.	36.	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/06/80-07/06/80	1	2373.	2373.	2373.	2373.	0.	0.	**	**	**	**
01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/06/80-07/06/80	1	57.	57.	57.	57.	0.	0.	**	**	**	**
01180	LANTHANUM, DISSOLVED (UG/L AS LA)	07/06/80-07/06/80	1	29.	29.	29.	29.	0.	0.	**	**	**	**
01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/06/80-07/06/80	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/06/80-07/06/80	1	13.	13.	13.	13.	0.	0.	**	**	**	**
50576	HAFNIUM, DISSOLVED UG/L	07/06/80-07/06/80	1 ##	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
50580	NIOBIUM, DISSOLVED UG/L	07/06/80-07/06/80	1	13.	13.	13.	13.	0.	0.	**	**	**	**
82365	THORIUM, DISSOLVED IN WATER UG/L	07/06/80-07/06/80	1	7.	7.	7.	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: GRBA0363

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	1	0	0.00							1	0	0.00			
		Drinking Water	4.	1	0	0.00							1	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00							1	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00							1	0	0.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00							1	0	0.00			
		Drinking Water	15.	1	1	1.00							1	1	1.00			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: GRBA0364

NPS Station ID: GRBA0364 | LAT/LON: 39.023003/-114.134004 | Agency: 11NPSWRD | Date Created: 05/30/98
Location: EYDH011 | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): GRBA_NURE_156 /7055040
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 16020301 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 0 | Water Body Id:
Minor Basin: GREAT SALT LAKE | ECO Region:
RF1 Index: 16020301 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE LEHMAN CAVES; NV-WHITE PINE CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A SPRING OUTSIDE THE GREAT BASIN NATIONAL PARK BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.45 MICRON FILTER AND ACIDIFIED TO A PH OF ONE WITH NITRIC ACID AT THE SITE. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "SRL" FIELD ENTRY (SAVANNAH RIVER LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE SAVANNAH RIVER LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525. TEL. (970) 225-3516.

Parameter Inventory for Station: GRBA0364

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/10/80-07/10/80	1	0.353	0.353	0.353	0.353	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/10/80-07/10/80	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/10/80-07/10/80	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/10/80-07/10/80	1	0.83	0.83	0.83	0.83	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/10/80-07/10/80	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	07/10/80-07/10/80	1	464.	464.	464.	464.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/10/80-07/10/80	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/10/80-07/10/80	1	22.	22.	22.	22.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/10/80-07/10/80	1	23.	23.	23.	23.	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	07/10/80-07/10/80	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	07/10/80-07/10/80	1	14.	14.	14.	14.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/10/80-07/10/80	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	07/10/80-07/10/80	1	18.	18.	18.	18.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/10/80-07/10/80	1	389.	389.	389.	389.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/10/80-07/10/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	07/10/80-07/10/80	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	07/10/80-07/10/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/10/80-07/10/80	1	110.	110.	110.	110.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	07/10/80-07/10/80	1	36.	36.	36.	36.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: GRBA0364

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/10/80-07/10/80	1	50.	50.	50.	50.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/10/80-07/10/80	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01110	CERIUM, DISSOLVED (UG/L AS CE)	07/10/80-07/10/80	1	51.	51.	51.	51.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/10/80-07/10/80	1	33.	33.	33.	33.	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/10/80-07/10/80	1	1858.	1858.	1858.	1858.	0.	0.	**	**	**	**
01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/10/80-07/10/80	1	41.	41.	41.	41.	0.	0.	**	**	**	**
01180	LANTHANUM, DISSOLVED (UG/L AS LA)	07/10/80-07/10/80	1	25.	25.	25.	25.	0.	0.	**	**	**	**
01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/10/80-07/10/80	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/10/80-07/10/80	1	13.	13.	13.	13.	0.	0.	**	**	**	**
50576	HAFNIUM, DISSOLVED UG/L	07/10/80-07/10/80	1 ##	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
50580	NIOBIUM, DISSOLVED UG/L	07/10/80-07/10/80	1	15.	15.	15.	15.	0.	0.	**	**	**	**
82365	THORIUM, DISSOLVED IN WATER UG/L	07/10/80-07/10/80	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: GRBA0364

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	1	0	0.00							1	0	0.00			
		Drinking Water	4.	1	0	0.00							1	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00							1	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00							1	0	0.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00							1	0	0.00			
		Drinking Water	15.	1	1	1.00							1	1	1.00			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: GRBA0365

NPS Station ID: GRBA0365 | LAT/LON: 39.024004/-114.265004 | Agency: 11NPSWRD | Date Created: 05/30/98
Location: EYDG078 | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): GRBA_NURE_090 /7055029
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 0 | Water Body Id:
Minor Basin: GREAT SALT LAKE | ECO Region:
RF1 Index: 16020301 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK; NV-WHITE PINE CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A SPRING INSIDE THE GREAT BASIN NATIONAL PARK BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.45 MICRON FILTER AND ACIDIFIED TO A PH OF ONE WITH NITRIC ACID AT THE SITE. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "SRL" FIELD ENTRY (SAVANNAH RIVER LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE SAVANNAH RIVER LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525. TEL. (970) 225-3516.

Parameter Inventory for Station: GRBA0365

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/10/80-07/10/80	1	0.191	0.191	0.191	0.191	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/10/80-07/10/80	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/10/80-07/10/80	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/10/80-07/10/80	1	0.91	0.91	0.91	0.91	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/10/80-07/10/80	1	2.01	2.01	2.01	2.01	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	07/10/80-07/10/80	1	536.	536.	536.	536.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/10/80-07/10/80	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/10/80-07/10/80	1	25.	25.	25.	25.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/10/80-07/10/80	1	28.	28.	28.	28.	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	07/10/80-07/10/80	1	7.	7.	7.	7.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	07/10/80-07/10/80	1	11.	11.	11.	11.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/10/80-07/10/80	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	07/10/80-07/10/80	1	17.	17.	17.	17.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/10/80-07/10/80	1	282.	282.	282.	282.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/10/80-07/10/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	07/10/80-07/10/80	1	14.	14.	14.	14.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	07/10/80-07/10/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/10/80-07/10/80	1	154.	154.	154.	154.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	07/10/80-07/10/80	1	59.	59.	59.	59.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: GRBA0365

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/10/80-07/10/80	1	38.	38.	38.	38.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/10/80-07/10/80	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01110	CERIUM, DISSOLVED (UG/L AS CE)	07/10/80-07/10/80	1	52.	52.	52.	52.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/10/80-07/10/80	1	38.	38.	38.	38.	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/10/80-07/10/80	1	3021.	3021.	3021.	3021.	0.	0.	**	**	**	**
01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/10/80-07/10/80	1	55.	55.	55.	55.	0.	0.	**	**	**	**
01180	LANTHANUM, DISSOLVED (UG/L AS LA)	07/10/80-07/10/80	1	26.	26.	26.	26.	0.	0.	**	**	**	**
01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/10/80-07/10/80	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/10/80-07/10/80	1	10.	10.	10.	10.	0.	0.	**	**	**	**
50576	HAFNIUM, DISSOLVED UG/L	07/10/80-07/10/80	1 ##	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
50580	NIOBIUM, DISSOLVED UG/L	07/10/80-07/10/80	1	11.	11.	11.	11.	0.	0.	**	**	**	**
82365	THORIUM, DISSOLVED IN WATER UG/L	07/10/80-07/10/80	1	5.	5.	5.	5.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0365

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	1	0	0.00							1	0	0.00			
		Drinking Water	4.	1	0	0.00							1	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00							1	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00							1	0	0.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00							1	0	0.00			
		Drinking Water	15.	1	1	1.00							1	1	1.00			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: GRBA0366

NPS Station ID: GRBA0366 | LAT/LON: 39.024115/-114.265004 | Agency: 11NPSWRD | Date Created: 05/30/98
Location: EYDG078 | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): GRBA_NURE_092 /7071020
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 0 | Water Body Id:
Minor Basin: GREAT SALT LAKE | ECO Region:
RF1 Index: 16020301 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK; NV-WHITE PINE CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS ON A STREAM INSIDE THE GREAT BASIN NATIONAL PARK BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.8 MICRON FILTER OR SMALLER AT THE SITE. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "SRL" FIELD ENTRY (SAVANNAH RIVER LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE SAVANNAH RIVER LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525. TEL. (970) 225-3516.

Parameter Inventory for Station: GRBA0366

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/10/80-07/10/80	1 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/10/80-07/10/80	1	19.7	19.7	19.7	19.7	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/10/80-07/10/80	1	8.7	8.7	8.7	8.7	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/10/80-07/10/80	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/10/80-07/10/80	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	07/10/80-07/10/80	1	34.	34.	34.	34.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/10/80-07/10/80	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/10/80-07/10/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/10/80-07/10/80	1	31.	31.	31.	31.	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	07/10/80-07/10/80	1	18.	18.	18.	18.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	07/10/80-07/10/80	1	7.	7.	7.	7.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/10/80-07/10/80	1	147.	147.	147.	147.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/10/80-07/10/80	1	9.	9.	9.	9.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/10/80-07/10/80	1	27.	27.	27.	27.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	07/10/80-07/10/80	1	9.	9.	9.	9.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	07/10/80-07/10/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/10/80-07/10/80	1	100.	100.	100.	100.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	07/10/80-07/10/80	1	23.	23.	23.	23.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/10/80-07/10/80	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: GRBA0366

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/10/80-07/10/80	1	60.	60.	60.	60.	0.	0.	**	**	**	**
01110	CERIUM, DISSOLVED (UG/L AS CE)	07/10/80-07/10/80	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/10/80-07/10/80	1	60.	60.	60.	60.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	07/10/80-07/10/80	1	2100.	2100.	2100.	2100.	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/10/80-07/10/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/10/80-07/10/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/10/80-07/10/80	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/10/80-07/10/80	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: GRBA0366

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	1	0	0.00							1	0	0.00			
		Drinking Water	4.	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			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: GRBA0367

NPS Station ID: GRBA0367 | LAT/LON: 39.024115/-114.265504 | Agency: 11NPSWRD | Date Created: 05/30/98
Location: EYDG078R | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): GRBA_NURE_091 /5082057
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 0 | Water Body Id:
Minor Basin: GREAT SALT LAKE | ECO Region:
RF1 Index: 16020301 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK; NV-WHITE PINE CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A STREAM INSIDE THE GREAT BASIN NATIONAL PARK BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.8 MICRON FILTER OR SMALLER AT THE SITE. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "SRL" FIELD ENTRY (SAVANNAH RIVER LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE SAVANNAH RIVER LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525. TEL. (970) 225-3516.

Parameter Inventory for Station: GRBA0367

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/10/80-07/10/80	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/10/80-07/10/80	1	0.29	0.29	0.29	0.29	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	07/10/80-07/10/80	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/10/80-07/10/80	1 ##	39.5	39.5	39.5	39.5	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	07/10/80-07/10/80	1	0.104	0.104	0.104	0.104	0.	0.	**	**	**	**
50700	FLUORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	07/10/80-07/10/80	1	3.	3.	3.	3.	0.	0.	**	**	**	**
50761	BROMINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	07/10/80-07/10/80	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**
82331	DYSPROSIUM, DISSOLVED AS DY IN WATER UG/L	07/10/80-07/10/80	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0367

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: GRBA0368

NPS Station ID: GRBA0368
LAT/LON: 39.025198/-114.288004
Agency: 11NPSWRD
Date Created: 05/30/98
Location: EYDG517
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): GRBA_NURE_089 /7071037
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK; NV-WHITE PINE CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A SPRING INSIDE THE GREAT BASIN NATIONAL PARK BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.8 MICRON FILTER OR SMALLER AT THE SITE. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "SRL" FIELD ENTRY (SAVANNAH RIVER LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE SAVANNAH RIVER LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525. TEL. (970) 225-3516.

Parameter Inventory for Station: GRBA0368

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/10/80-07/10/80	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/10/80-07/10/80	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/10/80-07/10/80	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/10/80-07/10/80	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/10/80-07/10/80	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/10/80-07/10/80	1	0.048	0.048	0.048	0.048	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/10/80-07/10/80	1	6.2	6.2	6.2	6.2	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/10/80-07/10/80	1	3.2	3.2	3.2	3.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/10/80-07/10/80	1	4.8	4.8	4.8	4.8	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/10/80-07/10/80	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	07/10/80-07/10/80	1	91.	91.	91.	91.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/10/80-07/10/80	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/10/80-07/10/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/10/80-07/10/80	1	27.	27.	27.	27.	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	07/10/80-07/10/80	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	07/10/80-07/10/80	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/10/80-07/10/80	1	1639.	1639.	1639.	1639.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/10/80-07/10/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/10/80-07/10/80	1	83.	83.	83.	83.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: GRBA0368

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01065	NICKEL, DISSOLVED (UG/L AS NI)	07/10/80-07/10/80	1	39.	39.	39.	39.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	07/10/80-07/10/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/10/80-07/10/80	1	32.	32.	32.	32.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	07/10/80-07/10/80	1	22.	22.	22.	22.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/10/80-07/10/80	1	27.	27.	27.	27.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/10/80-07/10/80	1	416.	416.	416.	416.	0.	0.	**	**	**	**
01110	CERIUM, DISSOLVED (UG/L AS CE)	07/10/80-07/10/80	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/10/80-07/10/80	1	22.	22.	22.	22.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	07/10/80-07/10/80	1	3700.	3700.	3700.	3700.	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/10/80-07/10/80	1	104.	104.	104.	104.	0.	0.	**	**	**	**
01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/10/80-07/10/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/10/80-07/10/80	1	25.	25.	25.	25.	0.	0.	**	**	**	**
01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/10/80-07/10/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0368

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	1	0	0.00							1	0	0.00			
		Drinking Water	4.	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			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: GRBA0369

NPS Station ID: GRBA0369
LAT/LON: 39.025198/-114.288309
Agency: 11NPSWRD
Date Created: 05/30/98
Location: EYDG517R
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): GRBA_NURE_088 /5069636
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK; NV-WHITE PINE CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A SPRING INSIDE THE GREAT BASIN NATIONAL PARK BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.8 MICRON FILTER OR SMALLER AT THE SITE. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "SRL" FIELD ENTRY (SAVANNAH RIVER LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE SAVANNAH RIVER LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525. TEL. (970) 225-3516.

Parameter Inventory for Station: GRBA0369

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/10/80-07/10/80	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/10/80-07/10/80	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/10/80-07/10/80	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/10/80-07/10/80	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/10/80-07/10/80	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/10/80-07/10/80	1	5.4	5.4	5.4	5.4	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	07/10/80-07/10/80	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/10/80-07/10/80	1	733.	733.	733.	733.	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	07/10/80-07/10/80	1	0.291	0.291	0.291	0.291	0.	0.	**	**	**	**
50700	FLUORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	07/10/80-07/10/80	1	78.	78.	78.	78.	0.	0.	**	**	**	**
50760	CHLORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	07/10/80-07/10/80	1	5200.	5200.	5200.	5200.	0.	0.	**	**	**	**
82331	DYSPROSIUM, DISSOLVED AS DY IN WATER UG/L	07/10/80-07/10/80	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0369

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: GRBA0370

NPS Station ID: GRBA0370
LAT/LON: 39.026003/-114.130003
Agency: 11NPSWRD
Date Created: 05/30/98
Location: EYDH061
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): GRBA_NURE_154 /7055084
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE LEHMAN CAVES; NV-WHITE PINE CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A STREAM OUTSIDE THE GREAT BASIN NATIONAL PARK BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.45 MICRON FILTER AND ACIDIFIED TO A PH OF ONE WITH NITRIC ACID AT THE SITE. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "SRL" FIELD ENTRY (SAVANNAH RIVER LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE SAVANNAH RIVER LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525. TEL. (970) 225-3516.

Parameter Inventory for Station: GRBA0370

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/12/80-07/12/80	1	0.425	0.425	0.425	0.425	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/12/80-07/12/80	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/12/80-07/12/80	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/12/80-07/12/80	1	0.75	0.75	0.75	0.75	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/12/80-07/12/80	1	1.56	1.56	1.56	1.56	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	07/12/80-07/12/80	1	448.	448.	448.	448.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/12/80-07/12/80	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/12/80-07/12/80	1	18.	18.	18.	18.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/12/80-07/12/80	1	18.	18.	18.	18.	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	07/12/80-07/12/80	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	07/12/80-07/12/80	1	9.	9.	9.	9.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/12/80-07/12/80	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	07/12/80-07/12/80	1	16.	16.	16.	16.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/12/80-07/12/80	1	304.	304.	304.	304.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/12/80-07/12/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	07/12/80-07/12/80	1	9.	9.	9.	9.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	07/12/80-07/12/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/12/80-07/12/80	1	156.	156.	156.	156.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	07/12/80-07/12/80	1	30.	30.	30.	30.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: GRBA0370

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/12/80-07/12/80	1	41.	41.	41.	41.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/12/80-07/12/80	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01110	CERIUM, DISSOLVED (UG/L AS CE)	07/12/80-07/12/80	1	54.	54.	54.	54.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/12/80-07/12/80	1	24.	24.	24.	24.	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/12/80-07/12/80	1	1825.	1825.	1825.	1825.	0.	0.	**	**	**	**
01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/12/80-07/12/80	1	38.	38.	38.	38.	0.	0.	**	**	**	**
01180	LANTHANUM, DISSOLVED (UG/L AS LA)	07/12/80-07/12/80	1	26.	26.	26.	26.	0.	0.	**	**	**	**
01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/12/80-07/12/80	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/12/80-07/12/80	1	10.	10.	10.	10.	0.	0.	**	**	**	**
50576	HAFNIUM, DISSOLVED UG/L	07/12/80-07/12/80	1 ##	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
50580	NIOBIUM, DISSOLVED UG/L	07/12/80-07/12/80	1	10.	10.	10.	10.	0.	0.	**	**	**	**
82365	THORIUM, DISSOLVED IN WATER UG/L	07/12/80-07/12/80	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: GRBA0370

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	1	0	0.00							1	0	0.00			
		Drinking Water	4.	1	0	0.00							1	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00							1	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00							1	0	0.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00							1	0	0.00			
		Drinking Water	15.	1	1	1.00							1	1	1.00			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: GRBA0371

NPS Station ID: GRBA0371 LAT/LON: 39.029003/-114.377060 Agency: 11NPSWRD Date Created: 10/10/98
Location: WILLARD CK APPROX. 2 MILES W OF GREAT BASIN NP FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): GRBA_BLM_WILL
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 16060008 Depth of Water: 0 Aquifer:
Major Basin: GREAT BASIN Elevation: 0 Water Body Id:
Minor Basin: CENTRAL NEVADA ECO Region:
RF1 Index: 16060008 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 16020301119900.00 RF3 Mile Point: 1.19 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE HOGUM NV 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT WILLARD CREEK APPROXIMATELY 2 MILES OUTSIDE (WEST) OF THE GREAT BASIN NATIONAL PARK BOUNDARY. DATA ARE FROM A REPORT BY TIMOTHY STACK OF THE BUREAU OF LAND MANAGEMENT; "1981 STREAM HABITAT INVENTORY; SCHELL RESOURCE AREA." THE STUDY WAS CONDUCTED TO ASSESS STREAM HABITAT CONDITIONS OF SEVERAL STREAMS LOCATED ON PUBLIC LANDS IN EASTERN NEVADA. THE REPORT FOCUSES ON QUALITY OF POOLS; BED MATERIALS; BANK COVER; RIPARIAN AREAS; AND AQUATIC INVERTEBRATES AS WELL AS WATER CHEMISTRY. DATA FROM THIS REPORT WERE COMPARED TO RESULTS FROM A 1979 BLM STUDY IN THE SAME AREA. THE 1979 DATA ALSO HAVE BEEN UPLOADED TO STORET BY THE NATIONAL PARK SERVICE. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0371

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/06/81-07/06/81	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	07/06/81-07/06/81	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	07/06/81-07/06/81	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/06/81-07/06/81	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/06/81-07/06/81	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/06/81-07/06/81	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/06/81-07/06/81	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: GRBA0371

				Total	Exceed	Prop.	----------9/15-4/14----------			----------4/15-6/14----------			----------6/15-9/14----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00							1	0	0.00			
00406	PH, FIELD	Fresh Chronic	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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0372

NPS Station ID: GRBA0372 | LAT/LON: 39.032503/-114.178004 | Agency: 11NPSWRD | Date Created: 05/30/98
Location: EYDH504 | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): GRBA_NURE_152 /7071041
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 16020301 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 0 | Water Body Id:
Minor Basin: GREAT SALT LAKE | ECO Region:
RF1 Index: 16020301 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE LEHMAN CAVES; NV-WHITE PINE CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A SPRING OUTSIDE THE GREAT BASIN NATIONAL PARK BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.8 MICRON FILTER OR SMALLER AT THE SITE. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "SRL" FIELD ENTRY (SAVANNAH RIVER LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE SAVANNAH RIVER LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525. TEL. (970) 225-3516.

Parameter Inventory for Station: GRBA0372

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/10/80-07/10/80	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/10/80-07/10/80	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/10/80-07/10/80	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/10/80-07/10/80	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/10/80-07/10/80	1	55.	55.	55.	55.	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/10/80-07/10/80	1 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/10/80-07/10/80	1	21.7	21.7	21.7	21.7	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/10/80-07/10/80	1	3.9	3.9	3.9	3.9	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/10/80-07/10/80	1	4.3	4.3	4.3	4.3	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/10/80-07/10/80	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	07/10/80-07/10/80	1	111.	111.	111.	111.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/10/80-07/10/80	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/10/80-07/10/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/10/80-07/10/80	1	18.	18.	18.	18.	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	07/10/80-07/10/80	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	07/10/80-07/10/80	1	7.	7.	7.	7.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/10/80-07/10/80	1	710.	710.	710.	710.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/10/80-07/10/80	1	7.	7.	7.	7.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/10/80-07/10/80	1	62.	62.	62.	62.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: GRBA0372

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01065	NICKEL, DISSOLVED (UG/L AS NI)	07/10/80-07/10/80	1	44.	44.	44.	44.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	07/10/80-07/10/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/10/80-07/10/80	1	69.	69.	69.	69.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	07/10/80-07/10/80	1	16.	16.	16.	16.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/10/80-07/10/80	1	25.	25.	25.	25.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/10/80-07/10/80	1	144.	144.	144.	144.	0.	0.	**	**	**	**
01110	CERIUM, DISSOLVED (UG/L AS CE)	07/10/80-07/10/80	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/10/80-07/10/80	1	25.	25.	25.	25.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	07/10/80-07/10/80	1	2700.	2700.	2700.	2700.	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/10/80-07/10/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/10/80-07/10/80	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/10/80-07/10/80	1	31.	31.	31.	31.	0.	0.	**	**	**	**
01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/10/80-07/10/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0372

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	1	0	0.00							1	0	0.00			
		Drinking Water	4.	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			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: GRBA0373

NPS Station ID: GRBA0373 | LAT/LON: 39.032503/-114.178504 | Agency: 11NPSWRD | Date Created: 05/30/98
Location: EYDH504R | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): GRBA_NURE_151 /5069640
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 16020301 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 0 | Water Body Id:
Minor Basin: GREAT SALT LAKE | ECO Region:
RF1 Index: 16020301 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE LEHMAN CAVES; NV-WHITE PINE CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A SPRING OUTSIDE THE GREAT BASIN NATIONAL PARK BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.8 MICRON FILTER OR SMALLER AT THE SITE. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "SRL" FIELD ENTRY (SAVANNAH RIVER LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE SAVANNAH RIVER LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525. TEL. (970) 225-3516.

Parameter Inventory for Station: GRBA0373

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/10/80-07/10/80	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/10/80-07/10/80	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/10/80-07/10/80	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/10/80-07/10/80	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/10/80-07/10/80	1	55.	55.	55.	55.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/10/80-07/10/80	1	2.3	2.3	2.3	2.3	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/10/80-07/10/80	1	5.21	5.21	5.21	5.21	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	07/10/80-07/10/80	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/10/80-07/10/80	1	461.	461.	461.	461.	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	07/10/80-07/10/80	1	0.357	0.357	0.357	0.357	0.	0.	**	**	**	**
50700	FLUORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	07/10/80-07/10/80	1	84.	84.	84.	84.	0.	0.	**	**	**	**
50760	CHLORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	07/10/80-07/10/80	1	4400.	4400.	4400.	4400.	0.	0.	**	**	**	**
82331	DYSPROSIUM, DISSOLVED AS DY IN WATER UG/L	07/10/80-07/10/80	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0373

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: GRBA0374

NPS Station ID: GRBA0374
LAT/LON: 39.033003/-114.360004
Agency: 11NPSWRD
Date Created: 05/30/98
Location: EYDG019
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): GRBA_NURE_068 /7054987
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 16060008
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: CENTRAL NEVADA
ECO Region:
RF1 Index: 16060008
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK; NV-WHITE PINE CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A SPRING OUTSIDE THE GREAT BASIN NATIONAL PARK BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.45 MICRON FILTER AND ACIDIFIED TO A PH OF ONE WITH NITRIC ACID AT THE SITE. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "SRL" FIELD ENTRY (SAVANNAH RIVER LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE SAVANNAH RIVER LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525. TEL. (970) 225-3516.

Parameter Inventory for Station: GRBA0374

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/06/80-07/06/80	1	0.328	0.328	0.328	0.328	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/06/80-07/06/80	1	5.8	5.8	5.8	5.8	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/06/80-07/06/80	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/06/80-07/06/80	1	0.63	0.63	0.63	0.63	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/06/80-07/06/80	1	1.72	1.72	1.72	1.72	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	07/06/80-07/06/80	1	480.	480.	480.	480.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/06/80-07/06/80	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/06/80-07/06/80	1	17.	17.	17.	17.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/06/80-07/06/80	1	27.	27.	27.	27.	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	07/06/80-07/06/80	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	07/06/80-07/06/80	1	13.	13.	13.	13.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/06/80-07/06/80	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	07/06/80-07/06/80	1	18.	18.	18.	18.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/06/80-07/06/80	1	337.	337.	337.	337.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/06/80-07/06/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	07/06/80-07/06/80	1	16.	16.	16.	16.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	07/06/80-07/06/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/06/80-07/06/80	1	220.	220.	220.	220.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	07/06/80-07/06/80	1	43.	43.	43.	43.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: GRBA0374

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/06/80-07/06/80	1	50.	50.	50.	50.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/06/80-07/06/80	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01110	CERIUM, DISSOLVED (UG/L AS CE)	07/06/80-07/06/80	1	47.	47.	47.	47.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/06/80-07/06/80	1	32.	32.	32.	32.	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/06/80-07/06/80	1	2154.	2154.	2154.	2154.	0.	0.	**	**	**	**
01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/06/80-07/06/80	1	53.	53.	53.	53.	0.	0.	**	**	**	**
01180	LANTHANUM, DISSOLVED (UG/L AS LA)	07/06/80-07/06/80	1	24.	24.	24.	24.	0.	0.	**	**	**	**
01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/06/80-07/06/80	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/06/80-07/06/80	1	10.	10.	10.	10.	0.	0.	**	**	**	**
50576	HAFNIUM, DISSOLVED UG/L	07/06/80-07/06/80	1 ##	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
50580	NIOBIUM, DISSOLVED UG/L	07/06/80-07/06/80	1	13.	13.	13.	13.	0.	0.	**	**	**	**
82365	THORIUM, DISSOLVED IN WATER UG/L	07/06/80-07/06/80	1	7.	7.	7.	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: GRBA0374

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	1	0	0.00							1	0	0.00			
		Drinking Water	4.	1	0	0.00							1	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00							1	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00							1	0	0.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00							1	0	0.00			
		Drinking Water	15.	1	1	1.00							1	1	1.00			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: GRBA0375

NPS Station ID: GRBA0375 | LAT/LON: 39.033003/-114.386003 | Agency: 11NPSWRD | Date Created: 05/30/98
Location: EYDG018 | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): GRBA_NURE_058 /7054986
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 16060008 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 0 | Water Body Id:
Minor Basin: CENTRAL NEVADA | ECO Region:
RF1 Index: 16060008 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE HOGUM; NV-WHITE PINE CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A SPRING OUTSIDE THE GREAT BASIN NATIONAL PARK BOUNDARIES. THE SAMPLES ARE ARE UNTREATED SPRING WATER. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "SRL" FIELD ENTRY (SAVANNAH RIVER LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE SAVANNAH RIVER LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525. TEL. (970) 225-3516.

Parameter Inventory for Station: GRBA0375

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00442	PHOSPHOROUS, TOTAL ELEMENTAL MG/L	07/06/80-07/06/80	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	07/06/80-07/06/80	1	5.8	5.8	5.8	5.8	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	07/06/80-07/06/80	1	0.69	0.69	0.69	0.69	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	07/06/80-07/06/80	1	1.77	1.77	1.77	1.77	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	07/06/80-07/06/80	1	513.	513.	513.	513.	0.	0.	**	**	**	**
01012	BERYLLIUM, TOTAL (UG/L AS BE)	07/06/80-07/06/80	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01022	BORON, TOTAL (UG/L AS B)	07/06/80-07/06/80	1	32.	32.	32.	32.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/06/80-07/06/80	1	29.	29.	29.	29.	0.	0.	**	**	**	**
01037	COBALT, TOTAL (UG/L AS CO)	07/06/80-07/06/80	1	7.	7.	7.	7.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	07/06/80-07/06/80	1	15.	15.	15.	15.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	07/06/80-07/06/80	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	07/06/80-07/06/80	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	07/06/80-07/06/80	1	389.	389.	389.	389.	0.	0.	**	**	**	**
01062	MOLYBDENUM, TOTAL (UG/L AS MO)	07/06/80-07/06/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	07/06/80-07/06/80	1	16.	16.	16.	16.	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	07/06/80-07/06/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01082	STRONTIUM, TOTAL (UG/L AS SR)	07/06/80-07/06/80	1	235.	235.	235.	235.	0.	0.	**	**	**	**
01087	VANADIUM, TOTAL (UG/L AS V)	07/06/80-07/06/80	1	50.	50.	50.	50.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	07/06/80-07/06/80	1	60.	60.	60.	60.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	07/06/80-07/06/80	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01112	CERIUM, TOTAL (UG/L AS CE)	07/06/80-07/06/80	1	50.	50.	50.	50.	0.	0.	**	**	**	**
01132	LITHIUM, TOTAL (UG/L AS LI)	07/06/80-07/06/80	1	38.	38.	38.	38.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: GRBA0375

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01152	TITANIUM, TOTAL (UG/L AS TI)	07/06/80-07/06/80	1	2324.	2324.	2324.	2324.	0.	0.	**	**	**	**
01162	ZIRCONIUM, TOTAL (UG/L AS ZR)	07/06/80-07/06/80	1	64.	64.	64.	64.	0.	0.	**	**	**	**
01182	LANTHANUM, TOTAL (UG/L AS LA)	07/06/80-07/06/80	1	25.	25.	25.	25.	0.	0.	**	**	**	**
01189	SCANDIUM, TOTAL (UG/L AS SC)	07/06/80-07/06/80	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01203	YTTRIUM, TOTAL (UG/L AS Y)	07/06/80-07/06/80	1	12.	12.	12.	12.	0.	0.	**	**	**	**
01239	NIOBIUM, TOTAL UG/L	07/06/80-07/06/80	1	15.	15.	15.	15.	0.	0.	**	**	**	**
01243	HAFNIUM,TOTAL UG/L	07/06/80-07/06/80	1 ##	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
82033	MAGNESIUM - TOTAL UG/L(AS MG)	07/06/80-07/06/80	1	870.	870.	870.	870.	0.	0.	**	**	**	**
82364	THORIUM, TOTAL IN WATER UG/L	07/06/80-07/06/80	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: GRBA0375

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01007	BARIUM, TOTAL	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	1	0	0.00							1	0	0.00			
		Drinking Water	4.	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	15.	1	1	1.00							1	1	1.00			
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01077	SILVER, TOTAL	Fresh Acute	4.1	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: GRBA0376

NPS Station ID: GRBA0376
LAT/LON: 39.034003/-114.177004
Agency: 11NPSWRD
Date Created: 05/30/98
Location: EYDH009
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): GRBA_NURE_153 /7055038
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON LEHMAN CAVES; NV-WHITE PINE CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A STREAM OUTSIDE THE GREAT BASIN NATIONAL PARK BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.45 MICRON FILTER AND ACIDIFIED TO A PH OF ONE WITH NITRIC ACID AT THE SITE. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "SRL" FIELD ENTRY (SAVANNAH RIVER LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE SAVANNAH RIVER LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525. TEL. (970) 225-3516.

Parameter Inventory for Station: GRBA0376

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/10/80-07/10/80	1	0.93	0.93	0.93	0.93	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/10/80-07/10/80	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/10/80-07/10/80	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/10/80-07/10/80	1	0.86	0.86	0.86	0.86	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/10/80-07/10/80	1	1.72	1.72	1.72	1.72	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	07/10/80-07/10/80	1	500.	500.	500.	500.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/10/80-07/10/80	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/10/80-07/10/80	1	38.	38.	38.	38.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/10/80-07/10/80	1	22.	22.	22.	22.	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	07/10/80-07/10/80	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	07/10/80-07/10/80	1	13.	13.	13.	13.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/10/80-07/10/80	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	07/10/80-07/10/80	1	14.	14.	14.	14.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/10/80-07/10/80	1	353.	353.	353.	353.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/10/80-07/10/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	07/10/80-07/10/80	1	9.	9.	9.	9.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	07/10/80-07/10/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/10/80-07/10/80	1	301.	301.	301.	301.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	07/10/80-07/10/80	1	38.	38.	38.	38.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: GRBA0376

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/10/80-07/10/80	1	50.	50.	50.	50.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/10/80-07/10/80	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01110	CERIUM, DISSOLVED (UG/L AS CE)	07/10/80-07/10/80	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/10/80-07/10/80	1	37.	37.	37.	37.	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/10/80-07/10/80	1	1878.	1878.	1878.	1878.	0.	0.	**	**	**	**
01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/10/80-07/10/80	1	52.	52.	52.	52.	0.	0.	**	**	**	**
01180	LANTHANUM, DISSOLVED (UG/L AS LA)	07/10/80-07/10/80	1	21.	21.	21.	21.	0.	0.	**	**	**	**
01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/10/80-07/10/80	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/10/80-07/10/80	1	11.	11.	11.	11.	0.	0.	**	**	**	**
50576	HAFNIUM, DISSOLVED UG/L	07/10/80-07/10/80	1 ##	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
50580	NIOBIUM, DISSOLVED UG/L	07/10/80-07/10/80	1	15.	15.	15.	15.	0.	0.	**	**	**	**
82365	THORIUM, DISSOLVED IN WATER UG/L	07/10/80-07/10/80	1	7.	7.	7.	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: GRBA0376

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	1	0	0.00							1	0	0.00			
		Drinking Water	4.	1	0	0.00							1	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00							1	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00							1	0	0.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00							1	0	0.00			
		Drinking Water	15.	1	0	0.00							1	0	0.00			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: GRBA0377

NPS Station ID: GRBA0377 LAT/LON: 39.037059/-114.268588 Agency: 11NPSWRD Date Created: 07/11/98
Location: 10 M BELOW JCT OF MILL CREEK AND OSCEOLA DITCH FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): GRBA_NPS_MIL1
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 Depth of Water: 0 Aquifer:
Major Basin: GREAT BASIN Elevation: 8220 Water Body Id:
Minor Basin: GREAT SALT LAKE ECO Region:
RF1 Index: 16020301 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 16020301119900.00 RF3 Mile Point: 1.19 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED 10 METERS BELOW THE JUNCTION OF MILL CREEK AND OSCEOLA DITCH AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK BOUNDARY. THE DATA ARE FROM SEVERAL YEARLY REPORTS (1990-97) BY KURT PFAFF; PHYSICAL SCIENCE TECHNICIAN FOR GREAT BASIN NATIONAL PARK. A SURFACE WATER QUALITY MONITORING PROGRAM WAS INSTITUTED TO ACQUIRE THE DATA FROM THE PARK WATERS ON A SEMI-ANNUAL BASIS. DATA ARE INTEGRATED INTO THE PARK'S WATER RESOURCE MANAGEMENT PLAN IN ORDER TO PERPETUATE THE INHERENT NATURAL INTEGRITY OF ITS WATER-DEPENDENT ENVIRONMENTS. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0377

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/29/93-11/02/95	5	3.	5.4	11.	2.	15.3	3.912	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/29/93-11/02/95	5	50.	51.4	60.	44.	38.8	6.229	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/29/93-11/02/95	10	7.36	7.39	7.5	7.27	0.008	0.089	7.27	7.33	7.49	7.499
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/29/93-11/02/95	10	7.36	7.382	7.5	7.27	0.008	0.089	7.27	7.33	7.49	7.499
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/29/93-11/02/95	10	0.044	0.042	0.054	0.032	0.	0.008	0.032	0.032	0.047	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: GRBA0377

			Total	Exceed	Prop.	----------9/15-4/14----------			----------4/15-6/14----------			----------6/15-9/14----------			----------n/a----------		
Parameter	Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00406 PH, FIELD	Fresh Chronic	9.	10	0	0.00	6	0	0.00	2	0	0.00	2	0	0.00			
	Other-Lo Lim.	6.5	10	0	0.00	6	0	0.00	2	0	0.00	2	0	0.00			

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

Station Inventory for Station: GRBA0378

NPS Station ID: GRBA0378 LAT/LON: 39.039532/-114.252227 Agency: 11NPSWRD Date Created: 06/20/98
Location: MILL CREEK AT INTERSECTION WITH GRBA BOUNDARY FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): GRBA_OSU_MIL2
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 Depth of Water: 0 Aquifer:
Major Basin: GREAT BASIN Elevation: 7560 Water Body Id:
Minor Basin: GREAT SALT LAKE ECO Region:
RF1 Index: 16020301 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 16020301119900.00 RF3 Mile Point: 1.19 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED AT THE WINDY PEAK NV-WHITE PINE CO. 7.5 MINUTE SERIES (TOPO.) QUADRANGLE. THE SITE IS LOCATED AT MILL CREEK AT ITS INTERSECTION WITH THE PARK BOUNDARY AND IS LOCATED WITHIN GREAT BASIN NATIONAL PARK (GRBA). THE DATA ARE FROM A REPORT BY RUTH JACOBS ET AL.; "CHEMICAL CHARACTERISTICS OF SURFACE WATERS OF GREAT BASIN NATIONAL PARK;" DECEMBER 1993. THIS REPORT WAS PREPARED IN COOPERATION WITH THE NATIONAL PARK SERVICE. THE STUDY WAS DESIGNED TO COLLECT WATER QUALITY DATA FOR THE PARK TO AID IN THE PREPARATION OF A WATER QUALITY MONITORING PROGRAM TO MEET MANAGEMENT PLAN OBJECTIVES. THE SAMPLES WERE FILTERED WITH A 1.2 UM FILTER IN THE FIELD. ICP METAL VALUES WERE UPLOADED TO STORET BUT ARE CONSIDERED TO BE SUSPECT. FOR MORE INFO. CONTACT THE CHIEF OF RESOURCES AT GRBA; BAKER NV 89311 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0378

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/28/92-08/28/92	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00064	DEPTH OF STREAM, MEAN (FT)	08/28/92-08/28/92	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/28/92-08/28/92	1	62.	62.	62.	62.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/28/92-08/28/92	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/28/92-08/28/92	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/28/92-08/28/92	1	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/28/92-08/28/92	1	52.	52.	52.	52.	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/28/92-08/28/92	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/28/92-08/28/92	1	0.16	0.16	0.16	0.16	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/28/92-08/28/92	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/28/92-08/28/92	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/28/92-08/28/92	1 ##	0.023	0.023	0.023	0.023	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/28/92-08/28/92	1	0.009	0.009	0.009	0.009	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/28/92-08/28/92	2	6.3	6.3	6.4	6.2	0.02	0.141	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/28/92-08/28/92	2	1.65	1.65	1.7	1.6	0.005	0.071	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/28/92-08/28/92	2	2.84	2.84	2.85	2.83	0.	0.014	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/28/92-08/28/92	2	0.69	0.69	0.69	0.69	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/28/92-08/28/92	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/28/92-08/28/92	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

Parameter Inventory for Station: GRBA0378

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/28/92-08/28/92	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/28/92-08/28/92	1 ##	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/28/92-08/28/92	1	33.	33.	33.	33.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/28/92-08/28/92	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/28/92-08/28/92	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	08/28/92-08/28/92	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/28/92-08/28/92	1	329.	329.	329.	329.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	08/28/92-08/28/92	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/28/92-08/28/92	1	9.	9.	9.	9.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	08/28/92-08/28/92	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	08/28/92-08/28/92	1 ##	3.	3.	3.	3.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/28/92-08/28/92	1	85.	85.	85.	85.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/28/92-08/28/92	1	116.	116.	116.	116.	0.	0.	**	**	**	**
01095	ANTIMONY, DISSOLVED (UG/L AS SB)	08/28/92-08/28/92	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01100	TIN, DISSOLVED (UG/L AS SN)	08/28/92-08/28/92	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/28/92-08/28/92	1	301.	301.	301.	301.	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	08/28/92-08/28/92	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
50098	CALCIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/28/92-08/28/92	1	16.02	16.02	16.02	16.02	0.	0.	**	**	**	**
50104	POTASSIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/28/92-08/28/92	1	1.38	1.38	1.38	1.38	0.	0.	**	**	**	**
50105	MAGNESIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/28/92-08/28/92	1	4.41	4.41	4.41	4.41	0.	0.	**	**	**	**
50108	SODIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/28/92-08/28/92	1	6.51	6.51	6.51	6.51	0.	0.	**	**	**	**
50932	SULFUR, DISSOLVED AS S MG/L	08/28/92-08/28/92	1	1.609	1.609	1.609	1.609	0.	0.	**	**	**	**
50938	ANION - CATION RATIO	08/28/92-08/28/92	1	1.02	1.02	1.02	1.02	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/28/92-08/28/92	1	55.	55.	55.	55.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/28/92-08/28/92	1	46.	46.	46.	46.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0378

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	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			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00							1	0	0.00			
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00							1	0	0.00			
		Drinking Water	50.	1	0	0.00							1	0	0.00			
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00							1	0	0.00			
		Drinking Water	5.	1	0	0.00							1	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00							1	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00							1	0	0.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00							1	0	0.00			
		Drinking Water	15.	1	0	0.00							1	0	0.00			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			
01095	ANTIMONY, DISSOLVED	Fresh Acute	88.	1	0	0.00							1	0	0.00			
		Drinking Water	6.	0 &	0	0.00												

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

Station Inventory for Station: GRBA0379

NPS Station ID: GRBA0379 LAT/LON: 39.039532/-114.252227 Agency: 11NPSWRD Date Created: 07/11/98
Location: MILL CREEK INTERSECTION WITH GRBA BOUNDARY FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): GRBA_NPS_MIL2
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 Depth of Water: 0 Aquifer:
Major Basin: GREAT BASIN Elevation: 7560 Water Body Id:
Minor Basin: GREAT SALT LAKE ECO Region:
RF1 Index: 16020301 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 16020301119900.00 RF3 Mile Point: 1.19 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT MILL CREEK AT ITS INTERSECTION WITH THE PARK BOUNDARY AND IS LOCATED WITHIN GREAT BASIN NATIONAL PARK . THE DATA ARE FROM SEVERAL YEARLY REPORTS (1990-97) BY KURT PFAFF; PHYSICAL SCIENCE TECHNICIAN FOR GREAT BASIN NATIONAL PARK. A SURFACE WATER QUALITY MONITORING PROGRAM WAS INSTITUTED TO ACQUIRE THE DATA FROM THE PARK WATERS ON A SEMI-ANNUAL BASIS. DATA ARE INTEGRATED INTO THE PARK'S WATER RESOURCE MANAGEMENT PLAN IN ORDER TO PERPETUATE THE INHERENT NATURAL INTEGRITY OF ITS WATER-DEPENDENT ENVIRONMENTS. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0379

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/29/93-06/12/96	6	6.5	7.5	14.	1.	34.7	5.891	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/29/93-06/12/96	6	63.5	66.333	85.	50.	149.467	12.226	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/29/93-06/12/96	11	7.58	7.592	7.73	7.47	0.006	0.077	7.48	7.56	7.62	7.728
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/29/93-06/12/96	11	7.58	7.586	7.73	7.47	0.006	0.077	7.48	7.56	7.62	7.728
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/29/93-06/12/96	11	0.026	0.026	0.034	0.019	0.	0.004	0.019	0.024	0.028	0.033

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

EPA Water Quality Criteria Analysis for Station: GRBA0379

			Total	Exceed	Prop.	----------9/15-4/14----------			----------4/15-6/14----------			----------6/15-9/14----------			----------n/a----------		
Parameter	Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00406 PH, FIELD	Fresh Chronic	9.	11	0	0.00	5	0	0.00	4	0	0.00	2	0	0.00			
	Other-Lo Lim.	6.5	11	0	0.00	5	0	0.00	4	0	0.00	2	0	0.00			

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

Station Inventory for Station: GRBA0380

NPS Station ID: GRBA0380
LAT/LON: 39.041003/-114.246003
Agency: 11NPSWRD
Date Created: 05/30/98
Location: EYDH006
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): GRBA_NURE_098 /7055035
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE LEHMAN CAVES; NV-WHITE PINE CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A SPRING OUTSIDE THE GREAT BASIN NATIONAL PARK BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.45 MICRON FILTER AND ACIDIFIED TO A PH OF ONE WITH NITRIC ACID AT THE SITE. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "SRL" FIELD ENTRY (SAVANNAH RIVER LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE SAVANNAH RIVER LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525. TEL. (970) 225-3516.

Parameter Inventory for Station: GRBA0380

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/10/80-07/10/80	1	0.353	0.353	0.353	0.353	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/10/80-07/10/80	1	2.4	2.4	2.4	2.4	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/10/80-07/10/80	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/10/80-07/10/80	1	0.75	0.75	0.75	0.75	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/10/80-07/10/80	1	1.73	1.73	1.73	1.73	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	07/10/80-07/10/80	1	474.	474.	474.	474.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/10/80-07/10/80	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/10/80-07/10/80	1	25.	25.	25.	25.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/10/80-07/10/80	1	21.	21.	21.	21.	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	07/10/80-07/10/80	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	07/10/80-07/10/80	1	11.	11.	11.	11.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/10/80-07/10/80	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	07/10/80-07/10/80	1	14.	14.	14.	14.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/10/80-07/10/80	1	289.	289.	289.	289.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/10/80-07/10/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	07/10/80-07/10/80	1	11.	11.	11.	11.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	07/10/80-07/10/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/10/80-07/10/80	1	182.	182.	182.	182.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	07/10/80-07/10/80	1	36.	36.	36.	36.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: GRBA0380

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/10/80-07/10/80	1	45.	45.	45.	45.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/10/80-07/10/80	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01110	CERIUM, DISSOLVED (UG/L AS CE)	07/10/80-07/10/80	1	54.	54.	54.	54.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/10/80-07/10/80	1	28.	28.	28.	28.	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/10/80-07/10/80	1	1929.	1929.	1929.	1929.	0.	0.	**	**	**	**
01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/10/80-07/10/80	1	35.	35.	35.	35.	0.	0.	**	**	**	**
01180	LANTHANUM, DISSOLVED (UG/L AS LA)	07/10/80-07/10/80	1	28.	28.	28.	28.	0.	0.	**	**	**	**
01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/10/80-07/10/80	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/10/80-07/10/80	1	10.	10.	10.	10.	0.	0.	**	**	**	**
50576	HAFNIUM, DISSOLVED UG/L	07/10/80-07/10/80	1 ##	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
50580	NIOBIUM, DISSOLVED UG/L	07/10/80-07/10/80	1	11.	11.	11.	11.	0.	0.	**	**	**	**
82365	THORIUM, DISSOLVED IN WATER UG/L	07/10/80-07/10/80	1	7.	7.	7.	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: GRBA0380

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	1	0	0.00							1	0	0.00			
		Drinking Water	4.	1	0	0.00							1	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00							1	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00							1	0	0.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00							1	0	0.00			
		Drinking Water	15.	1	0	0.00							1	0	0.00			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: GRBA0381

NPS Station ID: GRBA0381
LAT/LON: 39.041003/-114.416004
Agency: 11NPSWRD
Date Created: 05/30/98
Location: EYDG016
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): GRBA_NURE_027 /7054984
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 16060008
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: CENTRAL NEVADA
ECO Region:
RF1 Index: 16060008
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE HOGUM; NV-WHITE PINE CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A SPRING OUTSIDE THE GREAT BASIN NATIONAL PARK BOUNDARIES. THE SAMPLES ARE ARE UNTREATED SPRING WATER. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "SRL" FIELD ENTRY (SAVANNAH RIVER LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE SAVANNAH RIVER LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525. TEL. (970) 225-3516.

Parameter Inventory for Station: GRBA0381

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00442	PHOSPHOROUS, TOTAL ELEMENTAL MG/L	07/06/80-07/06/80	1	0.38	0.38	0.38	0.38	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	07/06/80-07/06/80	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	07/06/80-07/06/80	1	0.51	0.51	0.51	0.51	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	07/06/80-07/06/80	1	1.61	1.61	1.61	1.61	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	07/06/80-07/06/80	1	447.	447.	447.	447.	0.	0.	**	**	**	**
01012	BERYLLIUM, TOTAL (UG/L AS BE)	07/06/80-07/06/80	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01022	BORON, TOTAL (UG/L AS B)	07/06/80-07/06/80	1	13.	13.	13.	13.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/06/80-07/06/80	1	28.	28.	28.	28.	0.	0.	**	**	**	**
01037	COBALT, TOTAL (UG/L AS CO)	07/06/80-07/06/80	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	07/06/80-07/06/80	1	13.	13.	13.	13.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	07/06/80-07/06/80	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	07/06/80-07/06/80	1	21.	21.	21.	21.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	07/06/80-07/06/80	1	325.	325.	325.	325.	0.	0.	**	**	**	**
01062	MOLYBDENUM, TOTAL (UG/L AS MO)	07/06/80-07/06/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	07/06/80-07/06/80	1	15.	15.	15.	15.	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	07/06/80-07/06/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01082	STRONTIUM, TOTAL (UG/L AS SR)	07/06/80-07/06/80	1	239.	239.	239.	239.	0.	0.	**	**	**	**
01087	VANADIUM, TOTAL (UG/L AS V)	07/06/80-07/06/80	1	46.	46.	46.	46.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	07/06/80-07/06/80	1	52.	52.	52.	52.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	07/06/80-07/06/80	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01112	CERIUM, TOTAL (UG/L AS CE)	07/06/80-07/06/80	1	44.	44.	44.	44.	0.	0.	**	**	**	**
01132	LITHIUM, TOTAL (UG/L AS LI)	07/06/80-07/06/80	1	35.	35.	35.	35.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: GRBA0381

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01152	TITANIUM, TOTAL (UG/L AS TI)	07/06/80-07/06/80	1	2078.	2078.	2078.	2078.	0.	0.	**	**	**	**
01162	ZIRCONIUM, TOTAL (UG/L AS ZR)	07/06/80-07/06/80	1	53.	53.	53.	53.	0.	0.	**	**	**	**
01182	LANTHANUM, TOTAL (UG/L AS LA)	07/06/80-07/06/80	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01189	SCANDIUM, TOTAL (UG/L AS SC)	07/06/80-07/06/80	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01203	YTTRIUM, TOTAL (UG/L AS Y)	07/06/80-07/06/80	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01239	NIOBIUM, TOTAL UG/L	07/06/80-07/06/80	1	14.	14.	14.	14.	0.	0.	**	**	**	**
01243	HAFNIUM,TOTAL UG/L	07/06/80-07/06/80	1 ##	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
82033	MAGNESIUM - TOTAL UG/L(AS MG)	07/06/80-07/06/80	1	830.	830.	830.	830.	0.	0.	**	**	**	**
82364	THORIUM, TOTAL IN WATER UG/L	07/06/80-07/06/80	1	8.	8.	8.	8.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0381

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------9/15-4/14---------- Obs	Exceed	Prop.	----------4/15-6/14---------- Obs	Exceed	Prop.	----------6/15-9/14---------- Obs	Exceed	Prop.	--------------n/a-------------- Obs	Exceed	Prop.
01007	BARIUM, TOTAL	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	1	0	0.00							1	0	0.00			
		Drinking Water	4.	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	15.	1	1	1.00							1	1	1.00			
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01077	SILVER, TOTAL	Fresh Acute	4.1	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: GRBA0382

NPS Station ID: GRBA0382 | LAT/LON: 39.044004/-114.386003 | Agency: 11NPSWRD | Date Created: 05/30/98
Location: EYDG017 | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): GRBA_NURE_059 /7054985
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 16060008 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 0 | Water Body Id:
Minor Basin: CENTRAL NEVADA | ECO Region:
RF1 Index: 16060008 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE HOGUM; NV-WHITE PINE CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A SPRING OUTSIDE THE GREAT BASIN NATIONAL PARK BOUNDARIES. THE SAMPLES ARE ARE UNTREATED SPRING WATER. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "SRL" FIELD ENTRY (SAVANNAH RIVER LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE SAVANNAH RIVER LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525. TEL. (970) 225-3516.

Parameter Inventory for Station: GRBA0382

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00442	PHOSPHOROUS, TOTAL ELEMENTAL MG/L	07/06/80-07/06/80	1	0.36	0.36	0.36	0.36	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	07/06/80-07/06/80	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	07/06/80-07/06/80	1	0.51	0.51	0.51	0.51	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	07/06/80-07/06/80	1	1.52	1.52	1.52	1.52	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	07/06/80-07/06/80	1	455.	455.	455.	455.	0.	0.	**	**	**	**
01012	BERYLLIUM, TOTAL (UG/L AS BE)	07/06/80-07/06/80	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01022	BORON, TOTAL (UG/L AS B)	07/06/80-07/06/80	1	27.	27.	27.	27.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/06/80-07/06/80	1	27.	27.	27.	27.	0.	0.	**	**	**	**
01037	COBALT, TOTAL (UG/L AS CO)	07/06/80-07/06/80	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	07/06/80-07/06/80	1	12.	12.	12.	12.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	07/06/80-07/06/80	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	07/06/80-07/06/80	1	24.	24.	24.	24.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	07/06/80-07/06/80	1	334.	334.	334.	334.	0.	0.	**	**	**	**
01062	MOLYBDENUM, TOTAL (UG/L AS MO)	07/06/80-07/06/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	07/06/80-07/06/80	1	14.	14.	14.	14.	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	07/06/80-07/06/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01082	STRONTIUM, TOTAL (UG/L AS SR)	07/06/80-07/06/80	1	223.	223.	223.	223.	0.	0.	**	**	**	**
01087	VANADIUM, TOTAL (UG/L AS V)	07/06/80-07/06/80	1	45.	45.	45.	45.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	07/06/80-07/06/80	1	51.	51.	51.	51.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	07/06/80-07/06/80	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01112	CERIUM, TOTAL (UG/L AS CE)	07/06/80-07/06/80	1	46.	46.	46.	46.	0.	0.	**	**	**	**
01132	LITHIUM, TOTAL (UG/L AS LI)	07/06/80-07/06/80	1	32.	32.	32.	32.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: GRBA0382

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01152	TITANIUM, TOTAL (UG/L AS TI)	07/06/80-07/06/80	1	2059.	2059.	2059.	2059.	0.	0.	**	**	**	**
01162	ZIRCONIUM, TOTAL (UG/L AS ZR)	07/06/80-07/06/80	1	50.	50.	50.	50.	0.	0.	**	**	**	**
01182	LANTHANUM, TOTAL (UG/L AS LA)	07/06/80-07/06/80	1	23.	23.	23.	23.	0.	0.	**	**	**	**
01189	SCANDIUM, TOTAL (UG/L AS SC)	07/06/80-07/06/80	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01203	YTTRIUM, TOTAL (UG/L AS Y)	07/06/80-07/06/80	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01239	NIOBIUM, TOTAL UG/L	07/06/80-07/06/80	1	14.	14.	14.	14.	0.	0.	**	**	**	**
01243	HAFNIUM,TOTAL UG/L	07/06/80-07/06/80	1 ##	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
82033	MAGNESIUM - TOTAL UG/L(AS MG)	07/06/80-07/06/80	1	740.	740.	740.	740.	0.	0.	**	**	**	**
82364	THORIUM, TOTAL IN WATER UG/L	07/06/80-07/06/80	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: GRBA0382

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------9/15-4/14---------- Obs	Exceed	Prop.	----------4/15-6/14---------- Obs	Exceed	Prop.	----------6/15-9/14---------- Obs	Exceed	Prop.	--------------n/a-------------- Obs	Exceed	Prop.
01007	BARIUM, TOTAL	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	1	0	0.00							1	0	0.00			
		Drinking Water	4.	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	15.	1	1	1.00							1	1	1.00			
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01077	SILVER, TOTAL	Fresh Acute	4.1	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: GRBA0383

NPS Station ID: GRBA0383
LAT/LON: 39.047004/-114.156003
Agency: 11NPSWRD
Date Created: 05/30/98
Location: EYDH010
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): GRBA_NURE_157 /7055039
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE LEHMAN CAVES; NV-WHITE PINE CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A SPRING OUTSIDE THE GREAT BASIN NATIONAL PARK BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.45 MICRON FILTER AND ACIDIFIED TO A PH OF ONE WITH NITRIC ACID AT THE SITE. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "SRL" FIELD ENTRY (SAVANNAH RIVER LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE SAVANNAH RIVER LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525. TEL. (970) 225-3516.

Parameter Inventory for Station: GRBA0383

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/10/80-07/10/80	1	0.522	0.522	0.522	0.522	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/10/80-07/10/80	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/10/80-07/10/80	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/10/80-07/10/80	1	0.93	0.93	0.93	0.93	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/10/80-07/10/80	1	1.69	1.69	1.69	1.69	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	07/10/80-07/10/80	1	557.	557.	557.	557.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/10/80-07/10/80	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/10/80-07/10/80	1	24.	24.	24.	24.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/10/80-07/10/80	1	23.	23.	23.	23.	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	07/10/80-07/10/80	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	07/10/80-07/10/80	1	14.	14.	14.	14.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/10/80-07/10/80	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	07/10/80-07/10/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/10/80-07/10/80	1	367.	367.	367.	367.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/10/80-07/10/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	07/10/80-07/10/80	1	11.	11.	11.	11.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	07/10/80-07/10/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/10/80-07/10/80	1	303.	303.	303.	303.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	07/10/80-07/10/80	1	41.	41.	41.	41.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: GRBA0383

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/10/80-07/10/80	1	48.	48.	48.	48.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/10/80-07/10/80	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01110	CERIUM, DISSOLVED (UG/L AS CE)	07/10/80-07/10/80	1	47.	47.	47.	47.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/10/80-07/10/80	1	39.	39.	39.	39.	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/10/80-07/10/80	1	2053.	2053.	2053.	2053.	0.	0.	**	**	**	**
01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/10/80-07/10/80	1	49.	49.	49.	49.	0.	0.	**	**	**	**
01180	LANTHANUM, DISSOLVED (UG/L AS LA)	07/10/80-07/10/80	1	25.	25.	25.	25.	0.	0.	**	**	**	**
01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/10/80-07/10/80	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/10/80-07/10/80	1	12.	12.	12.	12.	0.	0.	**	**	**	**
50576	HAFNIUM, DISSOLVED UG/L	07/10/80-07/10/80	1 ##	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
50580	NIOBIUM, DISSOLVED UG/L	07/10/80-07/10/80	1	13.	13.	13.	13.	0.	0.	**	**	**	**
82365	THORIUM, DISSOLVED IN WATER UG/L	07/10/80-07/10/80	1	7.	7.	7.	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: GRBA0383

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	1	0	0.00							1	0	0.00			
		Drinking Water	4.	1	0	0.00							1	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00							1	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00							1	0	0.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00							1	0	0.00			
		Drinking Water	15.	1	0	0.00							1	0	0.00			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: GRBA0384

NPS Station ID: GRBA0384
LAT/LON: 39.049003/-114.100003
Agency: 11NPSWRD
Date Created: 05/30/98
Location: EYDH059
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): GRBA_NURE_175 /7055083
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE BAKER; NV-UT 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A STREAM OUTSIDE THE GREAT BASIN NATIONAL PARK BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.45 MICRON FILTER AND ACIDIFIED TO A PH OF ONE WITH NITRIC ACID AT THE SITE. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "SRL" FIELD ENTRY (SAVANNAH RIVER LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE SAVANNAH RIVER LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525. TEL. (970) 225-3516.

Parameter Inventory for Station: GRBA0384

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/12/80-07/12/80	1	0.464	0.464	0.464	0.464	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/12/80-07/12/80	1	2.7	2.7	2.7	2.7	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/12/80-07/12/80	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/12/80-07/12/80	1	0.86	0.86	0.86	0.86	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/12/80-07/12/80	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	07/12/80-07/12/80	1	535.	535.	535.	535.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/12/80-07/12/80	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/12/80-07/12/80	1	24.	24.	24.	24.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/12/80-07/12/80	1	22.	22.	22.	22.	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	07/12/80-07/12/80	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	07/12/80-07/12/80	1	12.	12.	12.	12.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/12/80-07/12/80	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	07/12/80-07/12/80	1	12.	12.	12.	12.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/12/80-07/12/80	1	421.	421.	421.	421.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/12/80-07/12/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	07/12/80-07/12/80	1	9.	9.	9.	9.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	07/12/80-07/12/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/12/80-07/12/80	1	216.	216.	216.	216.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	07/12/80-07/12/80	1	41.	41.	41.	41.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: GRBA0384

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/12/80-07/12/80	1	48.	48.	48.	48.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/12/80-07/12/80	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01110	CERIUM, DISSOLVED (UG/L AS CE)	07/12/80-07/12/80	1	56.	56.	56.	56.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/12/80-07/12/80	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/12/80-07/12/80	1	2314.	2314.	2314.	2314.	0.	0.	**	**	**	**
01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/12/80-07/12/80	1	50.	50.	50.	50.	0.	0.	**	**	**	**
01180	LANTHANUM, DISSOLVED (UG/L AS LA)	07/12/80-07/12/80	1	29.	29.	29.	29.	0.	0.	**	**	**	**
01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/12/80-07/12/80	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/12/80-07/12/80	1	12.	12.	12.	12.	0.	0.	**	**	**	**
50576	HAFNIUM, DISSOLVED UG/L	07/12/80-07/12/80	1 ##	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
50580	NIOBIUM, DISSOLVED UG/L	07/12/80-07/12/80	1	11.	11.	11.	11.	0.	0.	**	**	**	**
82365	THORIUM, DISSOLVED IN WATER UG/L	07/12/80-07/12/80	1	10.	10.	10.	10.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0384

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	1	0	0.00							1	0	0.00			
		Drinking Water	4.	1	0	0.00							1	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00							1	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00							1	0	0.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00							1	0	0.00			
		Drinking Water	15.	1	0	0.00							1	0	0.00			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: GRBA0385

NPS Station ID: GRBA0385 | LAT/LON: 39.049392/-114.196003 | Agency: 11NPSWRD | Date Created: 05/30/98
Location: EYDH502 | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): GRBA_NURE_080 /7071039 /5069638
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 16020301 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 0 | Water Body Id:
Minor Basin: GREAT SALT LAKE | ECO Region:
RF1 Index: 16020301 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE LEHMAN CAVES; NV-WHITE PINE CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A SPRING OUTSIDE THE GREAT BASIN NATIONAL PARK BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.8 MICRON FILTER OR SMALLER AT THE SITE. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRIES WERE USED TO CREATE THE SECONDARY STATION NAMES. THE "SRL" FIELD ENTRY (SAVANNAH RIVER LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE SAVANNAH RIVER LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525. TEL. (970) 225-3516.

Parameter Inventory for Station: GRBA0385

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/10/80-07/10/80	2	24.	24.	24.	24.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/10/80-07/10/80	2	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/10/80-07/10/80	2	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/10/80-07/10/80	2	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/10/80-07/10/80	2	130.	130.	130.	130.	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/10/80-07/10/80	1	0.042	0.042	0.042	0.042	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/10/80-07/10/80	1	49.5	49.5	49.5	49.5	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/10/80-07/10/80	2	8.75	8.75	13.4	4.1	43.245	6.576	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/10/80-07/10/80	2	8.375	8.375	9.1	7.65	1.051	1.025	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/10/80-07/10/80	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	07/10/80-07/10/80	1	241.	241.	241.	241.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/10/80-07/10/80	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/10/80-07/10/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/10/80-07/10/80	1	22.	22.	22.	22.	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	07/10/80-07/10/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	07/10/80-07/10/80	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/10/80-07/10/80	1	26.	26.	26.	26.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/10/80-07/10/80	1	9.	9.	9.	9.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/10/80-07/10/80	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: GRBA0385

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01065	NICKEL, DISSOLVED (UG/L AS NI)	07/10/80-07/10/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	07/10/80-07/10/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/10/80-07/10/80	1	224.	224.	224.	224.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	07/10/80-07/10/80	2	9.85	9.85	19.	0.7	167.445	12.94	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/10/80-07/10/80	1	11.	11.	11.	11.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/10/80-07/10/80	2	80.5	80.5	102.	59.	924.5	30.406	**	**	**	**
01110	CERIUM, DISSOLVED (UG/L AS CE)	07/10/80-07/10/80	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/10/80-07/10/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	07/10/80-07/10/80	1	3300.	3300.	3300.	3300.	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/10/80-07/10/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/10/80-07/10/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/10/80-07/10/80	1	31.	31.	31.	31.	0.	0.	**	**	**	**
01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/10/80-07/10/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	07/10/80-07/10/80	1	4.246	4.246	4.246	4.246	0.	0.	**	**	**	**
50700	FLUORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	07/10/80-07/10/80	1	116.	116.	116.	116.	0.	0.	**	**	**	**
50760	CHLORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	07/10/80-07/10/80	1	5100.	5100.	5100.	5100.	0.	0.	**	**	**	**
82331	DYSPROSIUM, DISSOLVED AS DY IN WATER UG/L	07/10/80-07/10/80	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0385

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	2	0	0.00							2	0	0.00			
		Other-Lo Lim.	6.5	2	0	0.00							2	0	0.00			
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	1	0	0.00							1	0	0.00			
		Drinking Water	4.	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			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: GRBA0386

NPS Station ID: GRBA0386
LAT/LON: 39.050004/-114.195004
Agency: 11NPSWRD
Date Created: 05/30/98
Location: EYDH007
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): GRBA_NURE_079 /7055036
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE LEHMAN CAVES; NV-WHITE PINE CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A STREAM OUTSIDE THE GREAT BASIN NATIONAL PARK BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.45 MICRON FILTER AND ACIDIFIED TO A PH OF ONE WITH NITRIC ACID AT THE SITE. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "SRL" FIELD ENTRY (SAVANNAH RIVER LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE SAVANNAH RIVER LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525. TEL. (970) 225-3516.

Parameter Inventory for Station: GRBA0386

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/10/80-07/10/80	1	0.776	0.776	0.776	0.776	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/10/80-07/10/80	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/10/80-07/10/80	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/10/80-07/10/80	1	1.31	1.31	1.31	1.31	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/10/80-07/10/80	1	2.15	2.15	2.15	2.15	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	07/10/80-07/10/80	1	634.	634.	634.	634.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/10/80-07/10/80	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/10/80-07/10/80	1	32.	32.	32.	32.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/10/80-07/10/80	1	27.	27.	27.	27.	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	07/10/80-07/10/80	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	07/10/80-07/10/80	1	15.	15.	15.	15.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/10/80-07/10/80	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	07/10/80-07/10/80	1	12.	12.	12.	12.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/10/80-07/10/80	1	523.	523.	523.	523.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/10/80-07/10/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	07/10/80-07/10/80	1	12.	12.	12.	12.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	07/10/80-07/10/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/10/80-07/10/80	1	262.	262.	262.	262.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	07/10/80-07/10/80	1	52.	52.	52.	52.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: GRBA0386

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/10/80-07/10/80	1	64.	64.	64.	64.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/10/80-07/10/80	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01110	CERIUM, DISSOLVED (UG/L AS CE)	07/10/80-07/10/80	1	74.	74.	74.	74.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/10/80-07/10/80	1	42.	42.	42.	42.	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/10/80-07/10/80	1	2887.	2887.	2887.	2887.	0.	0.	**	**	**	**
01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/10/80-07/10/80	1	57.	57.	57.	57.	0.	0.	**	**	**	**
01180	LANTHANUM, DISSOLVED (UG/L AS LA)	07/10/80-07/10/80	1	39.	39.	39.	39.	0.	0.	**	**	**	**
01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/10/80-07/10/80	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/10/80-07/10/80	1	16.	16.	16.	16.	0.	0.	**	**	**	**
50576	HAFNIUM, DISSOLVED UG/L	07/10/80-07/10/80	1 ##	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
50580	NIOBIUM, DISSOLVED UG/L	07/10/80-07/10/80	1	15.	15.	15.	15.	0.	0.	**	**	**	**
82365	THORIUM, DISSOLVED IN WATER UG/L	07/10/80-07/10/80	1	10.	10.	10.	10.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0386

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	1	0	0.00							1	0	0.00			
		Drinking Water	4.	1	0	0.00							1	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00							1	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00							1	0	0.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00							1	0	0.00			
		Drinking Water	15.	1	0	0.00							1	0	0.00			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: GRBA0387

NPS Station ID: GRBA0387 LAT/LON: 39.051531/-114.313781 Agency: 11NPSWRD Date Created: 07/11/98
Location: STRAWBERRY CREEK ABOVE OSCEOLA DITCH FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): GRBA_NPS_STR901
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 Depth of Water: 0 Aquifer:
Major Basin: GREAT BASIN Elevation: 0 Water Body Id:
Minor Basin: GREAT SALT LAKE ECO Region:
RF1 Index: 16020301 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 16020301119900.00 RF3 Mile Point: 1.19 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT STRAWBERRY CREEK ABOVE OSCEOLA DITCH AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK (GRBA) BOUNDARY. THIS SAMPLING SITE WAS REPLACED BY SITE STR1 FOR STUDIES AFTER 1990. THE DATA ARE FROM SEVERAL YEARLY REPORTS (1990-97) BY KURT PFAFF; PHYSICAL SCIENCE TECHNICIAN FOR GRBA. A SURFACE WATER QUALITY MONITORING PROGRAM WAS INSTITUTED TO ACQUIRE DATA FROM THE PARK WATERS ON A SEMI-ANNUAL BASIS. DATA ARE INTEGRATED INTO THE PARK'S WATER RESOURCE MANAGEMENT PLAN IN ORDER TO PERPETUATE THE INHERENT NATURAL INTEGRITY OF ITS WATER-DEPENDENT ENVIRONMENTS. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0387

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/06/90-07/06/90	1	30.	30.	30.	30.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/06/90-07/06/90	1	7.75	7.75	7.75	7.75	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/06/90-07/06/90	1	7.75	7.75	7.75	7.75	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/06/90-07/06/90	1	0.018	0.018	0.018	0.018	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0387

			Total	Exceed	Prop.	----------9/15-4/14----------			----------4/15-6/14----------			----------6/15-9/14----------			--------------n/a--------------		
Parameter	Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00406 PH, FIELD	Fresh Chronic	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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0388

NPS Station ID: GRBA0388 LAT/LON: 39.052198/-114.312366 Agency: 11NPSWRD Date Created: 07/11/98
Location: STRAWBERRY CK NEAR DIVERSION TO OSCEOLA DITCH FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): GRBA_NPS_STR1
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 Depth of Water: 0 Aquifer:
Major Basin: GREAT BASIN Elevation: 8200 Water Body Id:
Minor Basin: GREAT SALT LAKE ECO Region:
RF1 Index: 16020301 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 16020301119900.00 RF3 Mile Point: 1.19 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT STRAWBERRY CREEK NEAR THE INTAKE FOR DIVERSION TO OSCEOLA DITCH AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK BOUNDARY. THE DATA ARE FROM SEVERAL YEARLY REPORTS (1990-97) BY KURT PFAFF; PHYSICAL SCIENCE TECHNICIAN FOR GREAT BASIN NATIONAL PARK. A SURFACE WATER QUALITY MONITORING PROGRAM WAS INSTITUTED TO ACQUIRE THE DATA FROM THE PARK WATERS ON A SEMI-ANNUAL BASIS. DATA ARE INTEGRATED INTO THE PARK'S WATER RESOURCE MANAGEMENT PLAN IN ORDER TO PERPETUATE THE INHERENT NATURAL INTEGRITY OF ITS WATER-DEPENDENT ENVIRONMENTS. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0388

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/29/93-05/29/96	6	3.	3.333	5.	2.	1.867	1.366	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/30/91-05/29/96	8	68.5	63.375	75.	44.	124.839	11.173	**	**	**	**
00406p	PH, FIELD, STANDARD UNITS SU	09/30/91-05/29/96	16	7.495	7.483	7.6	7.34	0.007	0.081	7.347	7.443	7.543	7.6
00406p	CONVERTED PH, FIELD, STANDARD UNITS	09/30/91-05/29/96	16	7.495	7.476	7.6	7.34	0.007	0.081	7.347	7.442	7.542	7.6
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/30/91-05/29/96	16	0.032	0.033	0.046	0.025	0.	0.006	0.025	0.029	0.036	0.045

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

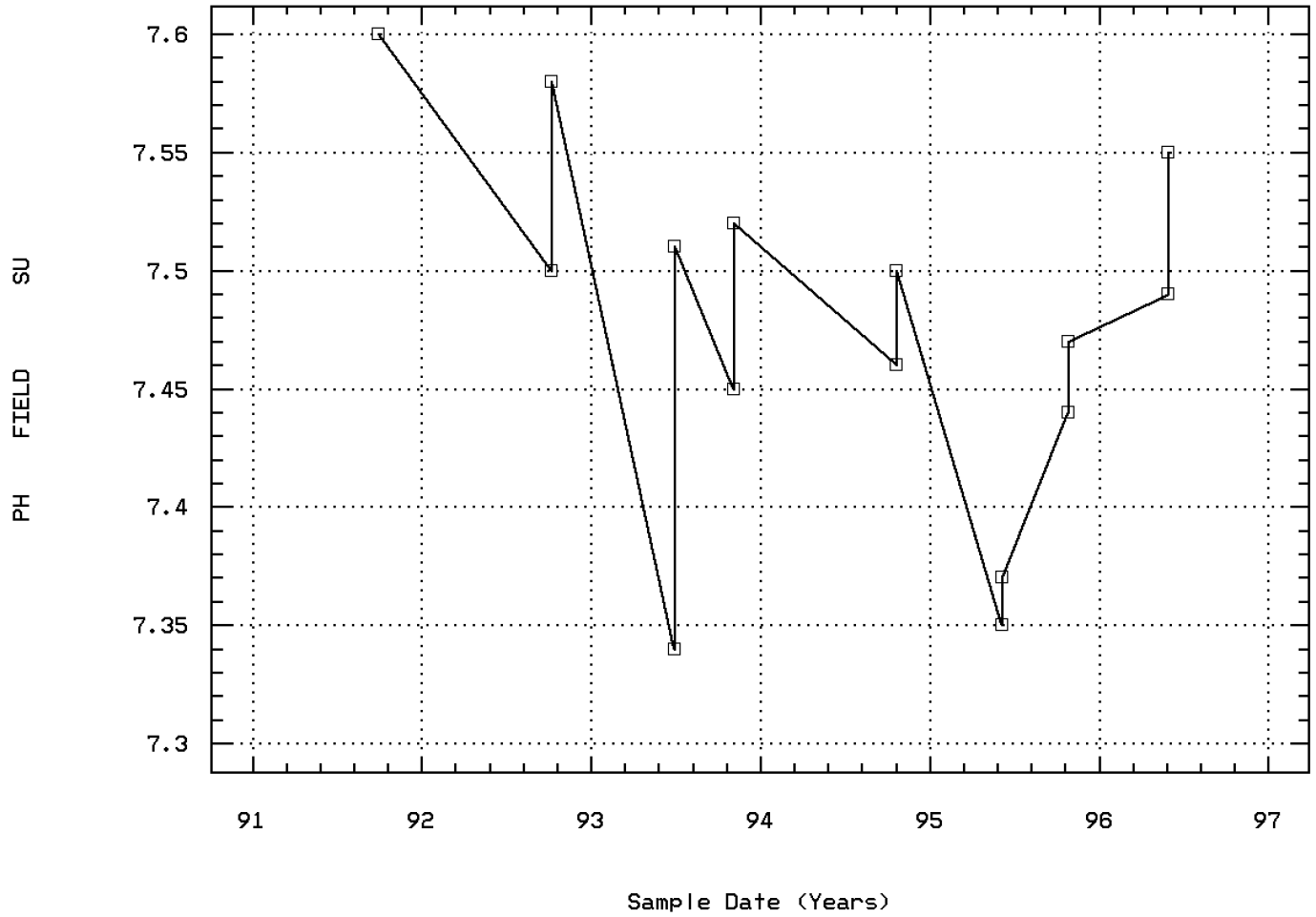
EPA Water Quality Criteria Analysis for Station: GRBA0388

			Total	Exceed	Prop.	----------9/15-4/14----------			----------4/15-6/14----------			----------6/15-9/14----------			----------n/a----------		
Parameter	Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00406 PH, FIELD	Fresh Chronic	9.	16	0	0.00	10	0	0.00	4	0	0.00	2	0	0.00			
	Other-Lo Lim.	6.5	16	0	0.00	10	0	0.00	4	0	0.00	2	0	0.00			

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

Station: GRBA0388 Parameter Code: 00406

PH, FIELD, STANDARD UNITS



STRAWBERRY CK NEAR DIVERSION TO OSCEOLA

Station Inventory for Station: GRBA0389

NPS Station ID: GRBA0389 | LAT/LON: 39.057004/-114.217003 | Agency: 11NPSWRD | Date Created: 05/30/98
Location: EYDH005 | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): GRBA_NURE_125 /7055034
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 16020301 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 0 | Water Body Id:
Minor Basin: GREAT SALT LAKE | ECO Region:
RF1 Index: 16020301 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE LEHMAN CAVES; NV-WHITE PINE CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A SPRING OUTSIDE THE GREAT BASIN NATIONAL PARK BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.45 MICRON FILTER AND ACIDIFIED TO A PH OF ONE WITH NITRIC ACID AT THE SITE. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "SRL" FIELD ENTRY (SAVANNAH RIVER LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE SAVANNAH RIVER LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525. TEL. (970) 225-3516.

Parameter Inventory for Station: GRBA0389

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/10/80-07/10/80	1	0.518	0.518	0.518	0.518	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/10/80-07/10/80	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/10/80-07/10/80	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/10/80-07/10/80	1	0.94	0.94	0.94	0.94	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/10/80-07/10/80	1	1.66	1.66	1.66	1.66	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	07/10/80-07/10/80	1	503.	503.	503.	503.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/10/80-07/10/80	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/10/80-07/10/80	1	24.	24.	24.	24.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/10/80-07/10/80	1	23.	23.	23.	23.	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	07/10/80-07/10/80	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	07/10/80-07/10/80	1	17.	17.	17.	17.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/10/80-07/10/80	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	07/10/80-07/10/80	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/10/80-07/10/80	1	361.	361.	361.	361.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/10/80-07/10/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	07/10/80-07/10/80	1	13.	13.	13.	13.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	07/10/80-07/10/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/10/80-07/10/80	1	335.	335.	335.	335.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	07/10/80-07/10/80	1	41.	41.	41.	41.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: GRBA0389

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/10/80-07/10/80	1	53.	53.	53.	53.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/10/80-07/10/80	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01110	CERIUM, DISSOLVED (UG/L AS CE)	07/10/80-07/10/80	1	38.	38.	38.	38.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/10/80-07/10/80	1	38.	38.	38.	38.	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/10/80-07/10/80	1	1966.	1966.	1966.	1966.	0.	0.	**	**	**	**
01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/10/80-07/10/80	1	49.	49.	49.	49.	0.	0.	**	**	**	**
01180	LANTHANUM, DISSOLVED (UG/L AS LA)	07/10/80-07/10/80	1	21.	21.	21.	21.	0.	0.	**	**	**	**
01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/10/80-07/10/80	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/10/80-07/10/80	1	11.	11.	11.	11.	0.	0.	**	**	**	**
50576	HAFNIUM, DISSOLVED UG/L	07/10/80-07/10/80	1 ##	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
50580	NIOBIUM, DISSOLVED UG/L	07/10/80-07/10/80	1	14.	14.	14.	14.	0.	0.	**	**	**	**
82365	THORIUM, DISSOLVED IN WATER UG/L	07/10/80-07/10/80	1	6.	6.	6.	6.	0.	0.	**	**	**	**

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EPA Water Quality Criteria Analysis for Station: GRBA0389

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	1	0	0.00							1	0	0.00			
		Drinking Water	4.	1	0	0.00							1	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00							1	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00							1	0	0.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00							1	0	0.00			
		Drinking Water	15.	1	0	0.00							1	0	0.00			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: GRBA0390

NPS Station ID: GRBA0390 LAT/LON: 39.058088/-114.286031 Agency: 11NPSWRD Date Created: 07/11/98
Location: 2 METERS ABOVE UPPER/LOWER STRAWBERRY FENCE FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): GRBA_NPS_STR2
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 Depth of Water: 0 Aquifer:
Major Basin: GREAT BASIN Elevation: 7510 Water Body Id:
Minor Basin: GREAT SALT LAKE ECO Region:
RF1 Index: 16020301 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 16020301119900.00 RF3 Mile Point: 1.19 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT STRAWBERRY CREEK 2 METERS ABOVE UPPER/LOWER STRAWBERRY DRIFT FENCE AND IS LOCATED WITHIN THE GREAT BASIN NATIONAL PARK BOUNDARY. THE DATA ARE FROM SEVERAL YEARLY REPORTS (1990-97) BY KURT PFAFF; PHYSICAL SCIENCE TECHNICIAN FOR GREAT BASIN NATIONAL PARK. A SURFACE WATER QUALITY MONITORING PROGRAM WAS INSTITUTED TO ACQUIRE THE DATA FROM THE PARK WATERS ON A SEMI-ANNUAL BASIS. DATA ARE INTEGRATED INTO THE PARK'S WATER RESOURCE MANAGEMENT PLAN IN ORDER TO PERPETUATE THE INHERENT NATURAL INTEGRITY OF ITS WATER-DEPENDENT ENVIRONMENTS. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0390

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/06/90-10/25/95	6	5.	8.833	30.	3.	109.767	10.477	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/25/95-10/25/95	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/30/91-10/25/95	7	123.	108.286	128.	69.	707.571	26.6	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/06/90-10/25/95	14	7.775	7.751	7.97	7.45	0.025	0.159	7.5	7.618	7.878	7.94
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/06/90-10/25/95	14	7.775	7.723	7.97	7.45	0.026	0.161	7.5	7.617	7.878	7.94
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/06/90-10/25/95	14	0.017	0.019	0.035	0.011	0.	0.007	0.012	0.013	0.024	0.032

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

EPA Water Quality Criteria Analysis for Station: GRBA0390

				Total	Exceed	Prop.	----------9/15-4/14----------			----------4/15-6/14----------			----------6/15-9/14----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00406	PH, FIELD	Fresh Chronic	9.	14	0	0.00	9	0	0.00	2	0	0.00	3	0	0.00			
		Other-Lo Lim.	6.5	14	0	0.00	9	0	0.00	2	0	0.00	3	0	0.00			

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

Station Inventory for Station: GRBA0391

NPS Station ID: GRBA0391
LAT/LON: 39.059004/-114.104003
Agency: 11NPSWRD
Date Created: 05/30/98
Location: EYDH058
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): GRBA_NURE_179 /7055082
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE BAKER; NV-UT 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A SPRING OUTSIDE THE GREAT BASIN NATIONAL PARK BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.45 MICRON FILTER AND ACIDIFIED TO A PH OF ONE WITH NITRIC ACID AT THE SITE. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "SRL" FIELD ENTRY (SAVANNAH RIVER LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE SAVANNAH RIVER LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525. TEL. (970) 225-3516.

Parameter Inventory for Station: GRBA0391

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/12/80-07/12/80	1	0.725	0.725	0.725	0.725	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/12/80-07/12/80	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/12/80-07/12/80	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/12/80-07/12/80	1	0.94	0.94	0.94	0.94	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/12/80-07/12/80	1	1.74	1.74	1.74	1.74	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	07/12/80-07/12/80	1	571.	571.	571.	571.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/12/80-07/12/80	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/12/80-07/12/80	1	22.	22.	22.	22.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/12/80-07/12/80	1	31.	31.	31.	31.	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	07/12/80-07/12/80	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	07/12/80-07/12/80	1	16.	16.	16.	16.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/12/80-07/12/80	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	07/12/80-07/12/80	1	18.	18.	18.	18.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/12/80-07/12/80	1	463.	463.	463.	463.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/12/80-07/12/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	07/12/80-07/12/80	1	16.	16.	16.	16.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	07/12/80-07/12/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/12/80-07/12/80	1	289.	289.	289.	289.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	07/12/80-07/12/80	1	49.	49.	49.	49.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: GRBA0391

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/12/80-07/12/80	1	65.	65.	65.	65.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/12/80-07/12/80	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01110	CERIUM, DISSOLVED (UG/L AS CE)	07/12/80-07/12/80	1	53.	53.	53.	53.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/12/80-07/12/80	1	49.	49.	49.	49.	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/12/80-07/12/80	1	2378.	2378.	2378.	2378.	0.	0.	**	**	**	**
01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/12/80-07/12/80	1	58.	58.	58.	58.	0.	0.	**	**	**	**
01180	LANTHANUM, DISSOLVED (UG/L AS LA)	07/12/80-07/12/80	1	27.	27.	27.	27.	0.	0.	**	**	**	**
01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/12/80-07/12/80	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/12/80-07/12/80	1	14.	14.	14.	14.	0.	0.	**	**	**	**
50576	HAFNIUM, DISSOLVED UG/L	07/12/80-07/12/80	1 ##	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
50580	NIOBIUM, DISSOLVED UG/L	07/12/80-07/12/80	1	15.	15.	15.	15.	0.	0.	**	**	**	**
82365	THORIUM, DISSOLVED IN WATER UG/L	07/12/80-07/12/80	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: GRBA0391

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	1	0	0.00							1	0	0.00			
		Drinking Water	4.	1	0	0.00							1	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00							1	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00							1	0	0.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00							1	0	0.00			
		Drinking Water	15.	1	1	1.00							1	1	1.00			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: GRBA0392

NPS Station ID: GRBA0392 | LAT/LON: 39.064003/-114.069003 | Agency: 11NPSWRD | Date Created: 05/30/98
Location: EYDH062 | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): GRBA_NURE_183 /7055085
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 16020301 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 0 | Water Body Id:
Minor Basin: GREAT SALT LAKE | ECO Region:
RF1 Index: 16020301 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE BAKER; NV-UT 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A SPRING OUTSIDE THE GREAT BASIN NATIONAL PARK BOUNDARIES. THE SAMPLES ARE ARE UNTREATED SPRING WATER. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "SRL" FIELD ENTRY (SAVANNAH RIVER LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE SAVANNAH RIVER LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525. TEL. (970) 225-3516.

Parameter Inventory for Station: GRBA0392

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00442	PHOSPHOROUS, TOTAL ELEMENTAL MG/L	07/12/80-07/12/80	1	0.61	0.61	0.61	0.61	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	07/12/80-07/12/80	1	11.4	11.4	11.4	11.4	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	07/12/80-07/12/80	1	0.72	0.72	0.72	0.72	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	07/12/80-07/12/80	1	1.22	1.22	1.22	1.22	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	07/12/80-07/12/80	1	448.	448.	448.	448.	0.	0.	**	**	**	**
01012	BERYLLIUM, TOTAL (UG/L AS BE)	07/12/80-07/12/80	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01022	BORON, TOTAL (UG/L AS B)	07/12/80-07/12/80	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/12/80-07/12/80	1	26.	26.	26.	26.	0.	0.	**	**	**	**
01037	COBALT, TOTAL (UG/L AS CO)	07/12/80-07/12/80	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	07/12/80-07/12/80	1	13.	13.	13.	13.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	07/12/80-07/12/80	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	07/12/80-07/12/80	1	16.	16.	16.	16.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	07/12/80-07/12/80	1	428.	428.	428.	428.	0.	0.	**	**	**	**
01062	MOLYBDENUM, TOTAL (UG/L AS MO)	07/12/80-07/12/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	07/12/80-07/12/80	1	12.	12.	12.	12.	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	07/12/80-07/12/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01082	STRONTIUM, TOTAL (UG/L AS SR)	07/12/80-07/12/80	1	297.	297.	297.	297.	0.	0.	**	**	**	**
01087	VANADIUM, TOTAL (UG/L AS V)	07/12/80-07/12/80	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	07/12/80-07/12/80	1	50.	50.	50.	50.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	07/12/80-07/12/80	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01112	CERIUM, TOTAL (UG/L AS CE)	07/12/80-07/12/80	1	43.	43.	43.	43.	0.	0.	**	**	**	**
01132	LITHIUM, TOTAL (UG/L AS LI)	07/12/80-07/12/80	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

Parameter Inventory for Station: GRBA0392

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01152	TITANIUM, TOTAL (UG/L AS TI)	07/12/80-07/12/80	1	1944.	1944.	1944.	1944.	0.	0.	**	**	**	**
01162	ZIRCONIUM, TOTAL (UG/L AS ZR)	07/12/80-07/12/80	1	49.	49.	49.	49.	0.	0.	**	**	**	**
01182	LANTHANUM, TOTAL (UG/L AS LA)	07/12/80-07/12/80	1	22.	22.	22.	22.	0.	0.	**	**	**	**
01189	SCANDIUM, TOTAL (UG/L AS SC)	07/12/80-07/12/80	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01203	YTTRIUM, TOTAL (UG/L AS Y)	07/12/80-07/12/80	1	12.	12.	12.	12.	0.	0.	**	**	**	**
01239	NIOBIUM, TOTAL UG/L	07/12/80-07/12/80	1	17.	17.	17.	17.	0.	0.	**	**	**	**
01243	HAFNIUM,TOTAL UG/L	07/12/80-07/12/80	1 ##	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
82033	MAGNESIUM - TOTAL UG/L(AS MG)	07/12/80-07/12/80	1	1820.	1820.	1820.	1820.	0.	0.	**	**	**	**
82364	THORIUM, TOTAL IN WATER UG/L	07/12/80-07/12/80	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: GRBA0392

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------9/15-4/14---------- Obs	Exceed	Prop.	----------4/15-6/14---------- Obs	Exceed	Prop.	----------6/15-9/14---------- Obs	Exceed	Prop.	--------------n/a-------------- Obs	Exceed	Prop.
01007	BARIUM, TOTAL	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	1	0	0.00							1	0	0.00			
		Drinking Water	4.	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	15.	1	1	1.00							1	1	1.00			
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01077	SILVER, TOTAL	Fresh Acute	4.1	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: GRBA0393

NPS Station ID: GRBA0393 LAT/LON: 39.064587/-114.255615 Agency: 11NPSWRD Date Created: 07/11/98
Location: STRAWBERRY CK INTERSECTION WITH GRBA BOUNDARY FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): GRBA_NPS_STR3
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 Depth of Water: 0 Aquifer:
Major Basin: GREAT BASIN Elevation: 6800 Water Body Id:
Minor Basin: GREAT SALT LAKE ECO Region:
RF1 Index: 16020301 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 16020301119900.00 RF3 Mile Point: 1.19 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK NV-WHITE PINE COUNTY 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT STRAWBERRY CREEK AT ITS INTERSECTION WITH THE PARK BOUNDARY AND IS LOCATED WITHIN GREAT BASIN NATIONAL PARK. THE DATA ARE FROM SEVERAL YEARLY REPORTS (1990-97) BY KURT PFAFF; PHYSICAL SCIENCE TECHNICIAN FOR GREAT BASIN NATIONAL PARK. A SURFACE WATER QUALITY MONITORING PROGRAM WAS INSTITUTED TO ACQUIRE THE DATA FROM THE PARK WATERS ON A SEMI-ANNUAL BASIS. DATA ARE INTEGRATED INTO THE PARK'S WATER RESOURCE MANAGEMENT PLAN IN ORDER TO PERPETUATE THE INHERENT NATURAL INTEGRITY OF ITS WATER-DEPENDENT ENVIRONMENTS. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT GREAT BASIN NATIONAL PARK; BAKER NV 89311-9700 (TEL. 702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: GRBA0393

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/06/90-05/29/96	7	6.	9.286	30.	3.	87.905	9.376	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/30/91-05/29/96	8	129.5	117.875	144.	75.	607.839	24.654	**	**	**	**
00406p	PH, FIELD, STANDARD UNITS SU	07/06/90-05/29/96	17	7.92	7.86	7.98	7.57	0.016	0.127	7.594	7.8	7.96	7.98
00406p	CONVERTED PH, FIELD, STANDARD UNITS	07/06/90-05/29/96	17	7.92	7.841	7.98	7.57	0.017	0.129	7.594	7.8	7.96	7.98
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/06/90-05/29/96	17	0.012	0.014	0.027	0.01	0.	0.005	0.01	0.011	0.016	0.025

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

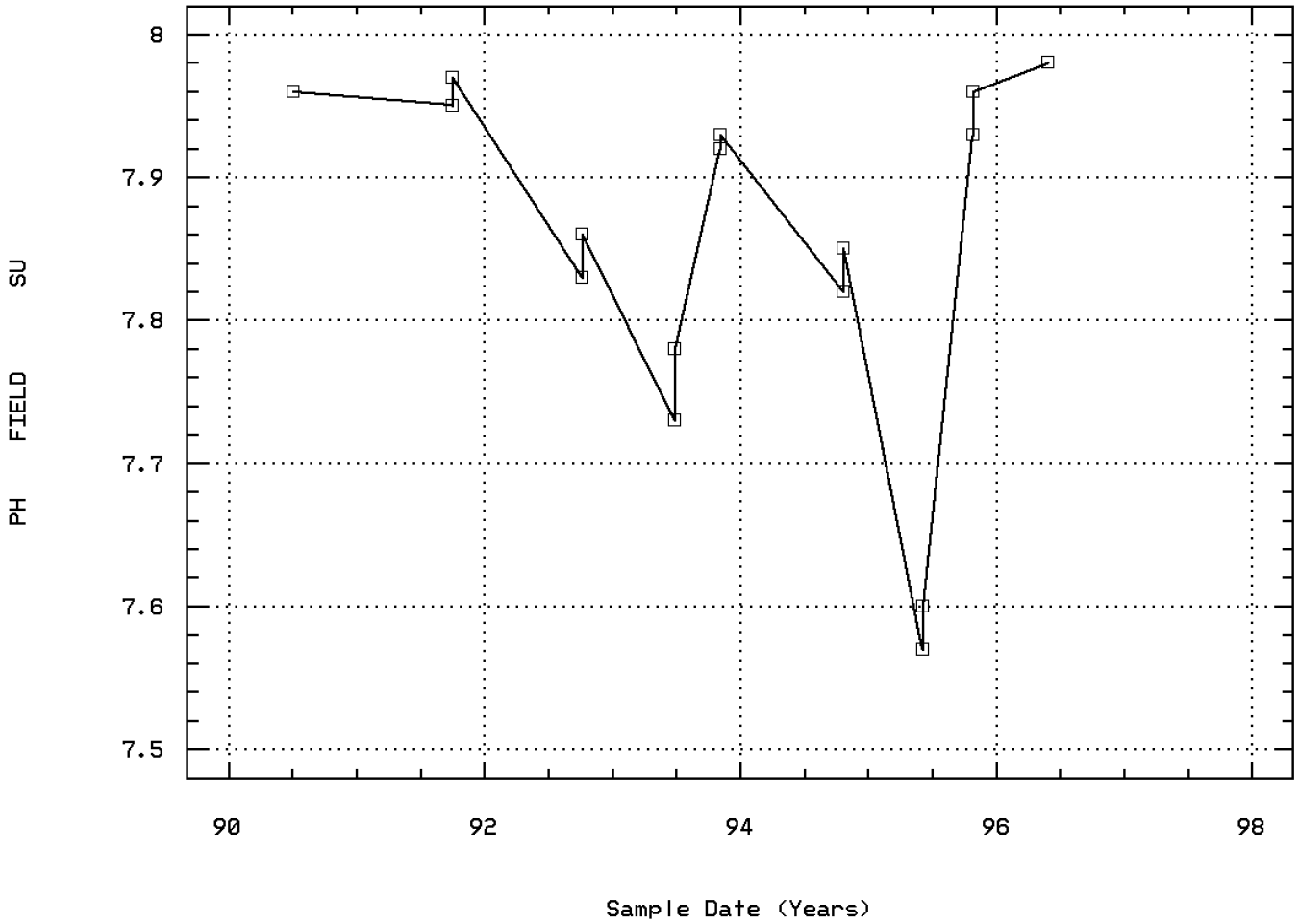
EPA Water Quality Criteria Analysis for Station: GRBA0393

			Total	Exceed	Prop.	----------9/15-4/14----------			----------4/15-6/14----------			----------6/15-9/14----------			----------n/a----------		
Parameter	Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00406 PH, FIELD	Fresh Chronic	9.	17	0	0.00	10	0	0.00	4	0	0.00	3	0	0.00			
	Other-Lo Lim.	6.5	17	0	0.00	10	0	0.00	4	0	0.00	3	0	0.00			

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

Station: GRBA0393 Parameter Code: 00406

PH, FIELD, STANDARD UNITS



STRAWBERRY CK INTERSECTION WITH GRBA BO

Station Inventory for Station: GRBA0394

NPS Station ID: GRBA0394 LAT/LON: 39.064587/-114.255615 Agency: 11NPSWRD Date Created: 06/20/98
Location: STRAWBERRY CK AT INTERSECTION OF GRBA BOUNDARY FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): GRBA_OSU_STR3
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 16020301 Depth of Water: 0 Aquifer:
Major Basin: GREAT BASIN Elevation: 6800 Water Body Id:
Minor Basin: GREAT SALT LAKE ECO Region:
RF1 Index: 16020301 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 16020301119900.00 RF3 Mile Point: 1.19 Distance from RF3: 0.13 On/Off RF3:
Description:
THE STATION IS LOCATED AT THE WINDY PEAK NV-WHITE PINE CO. 7.5 MINUTE SERIES (TOPO.) QUADRANGLE. THE SITE IS LOCATED AT STRAWBERRY CREEK AT ITS INTERSECTION WITH THE PARK BOUNDARY AND IS LOCATED WITHIN GREAT BASIN NATIONAL PARK. THE DATA ARE FROM A REPORT BY RUTH JACOBS ET AL.; "CHEMICAL CHARACTERISTICS OF SURFACE WATERS OF GREAT BASIN NATIONAL PARK;" DECEMBER 1993. THIS REPORT WAS PREPARED IN COOPERATION WITH THE NATIONAL PARK SERVICE. THE STUDY WAS DESIGNED TO COLLECT WATER QUALITY DATA FOR THE PARK TO AID IN THE PREPARATION OF A WATER QUALITY MONITORING PROGRAM TO MEET MANAGEMENT PLAN OBJECTIVES. THE SAMPLES WERE FILTERED WITH A 1.2 UM FILTER IN THE FIELD. ICP METAL VALUES WERE UPLOADED TO STORET BUT ARE CONSIDERED TO BE SUSPECT. FOR MORE INFO. CONTACT THE CHIEF OF RESOURCES AT GRBA; BAKER NV 89311 (702-234-7331). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0394

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/22/92-08/22/92	2	15.	15.	15.	15.	0.	0.	**	**	**	**
00064	DEPTH OF STREAM, MEAN (FT)	08/22/92-08/22/92	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/22/92-08/22/92	2	123.	123.	125.	121.	8.	2.828	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/22/92-08/22/92	2	8.1	8.1	8.2	8.	0.02	0.141	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/22/92-08/22/92	2	8.089	8.089	8.2	8.	0.02	0.142	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/22/92-08/22/92	2	0.008	0.008	0.01	0.006	0.	0.003	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/22/92-08/22/92	2	117.5	117.5	122.	113.	40.5	6.364	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/22/92-08/22/92	2	0.008	0.008	0.008	0.007	0.	0.001	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/22/92-08/22/92	2	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/22/92-08/22/92	2	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/22/92-08/22/92	2	0.049	0.049	0.051	0.046	0.	0.004	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/22/92-08/22/92	1 ##	0.023	0.023	0.023	0.023	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/22/92-08/22/92	2	0.019	0.019	0.019	0.019	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/22/92-08/22/92	2	16.8	16.8	16.9	16.7	0.02	0.141	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/22/92-08/22/92	2	3.45	3.45	3.5	3.4	0.005	0.071	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/22/92-08/22/92	2	4.945	4.945	4.95	4.94	0.	0.007	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/22/92-08/22/92	2	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/22/92-08/22/92	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/22/92-08/22/92	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: GRBA0394

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/22/92-08/22/92	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/22/92-08/22/92	1 ##	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/22/92-08/22/92	1	32.	32.	32.	32.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/22/92-08/22/92	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/22/92-08/22/92	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	08/22/92-08/22/92	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/22/92-08/22/92	1	284.	284.	284.	284.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	08/22/92-08/22/92	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/22/92-08/22/92	1	8.	8.	8.	8.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	08/22/92-08/22/92	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	08/22/92-08/22/92	1 ##	3.	3.	3.	3.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/22/92-08/22/92	1	174.	174.	174.	174.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/22/92-08/22/92	1	120.	120.	120.	120.	0.	0.	**	**	**	**
01095	ANTIMONY, DISSOLVED (UG/L AS SB)	08/22/92-08/22/92	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01100	TIN, DISSOLVED (UG/L AS SN)	08/22/92-08/22/92	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/22/92-08/22/92	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	08/22/92-08/22/92	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
50098	CALCIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/22/92-08/22/92	1	37.78	37.78	37.78	37.78	0.	0.	**	**	**	**
50104	POTASSIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/22/92-08/22/92	1	1.53	1.53	1.53	1.53	0.	0.	**	**	**	**
50105	MAGNESIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/22/92-08/22/92	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
50108	SODIUM,ICAP TEST METHOD, TOTAL RECOVERABLE MG/L	08/22/92-08/22/92	1	10.57	10.57	10.57	10.57	0.	0.	**	**	**	**
50932	SULFUR, DISSOLVED AS S MG/L	08/22/92-08/22/92	1	2.134	2.134	2.134	2.134	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/22/92-08/22/92	2	87.	87.	88.	86.	2.	1.414	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/22/92-08/22/92	1	99.	99.	99.	99.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0394

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	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.	1	0	0.00							1	0	0.00			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00							1	0	0.00			
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00							1	0	0.00			
		Drinking Water	50.	1	0	0.00							1	0	0.00			
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00							1	0	0.00			
		Drinking Water	5.	1	0	0.00							1	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00							1	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00							1	0	0.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00							1	0	0.00			
		Drinking Water	15.	1	0	0.00							1	0	0.00			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	1	1.00							1	1	1.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			
01095	ANTIMONY, DISSOLVED	Fresh Acute	88.	1	0	0.00							1	0	0.00			
		Drinking Water	6.	0 &	0	0.00												

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

Station Inventory for Station: GRBA0395

NPS Station ID: GRBA0395 | LAT/LON: 39.066587/-114.251338 | Agency: 11NPSWRD | Date Created: 10/10/98
Location: STRAWBERRY CK APPROX. 0.2 MI NE GREAT BASIN NP | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): GRBA_BLM_STRAW
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 16020301 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 0 | Water Body Id:
Minor Basin: GREAT SALT LAKE | ECO Region:
RF1 Index: 16020301 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK NV 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT STRAWBERRY CREEK APPROXIMATELY 0.2 MILES OUTSIDE (NORTHEAST) OF THE GREAT BASIN NATIONAL PARK BOUNDARY. THE DATA ARE FROM A REPORT BY TIMOTHY STACK OF THE BUREAU OF LAND MANAGEMENT; "1981 STREAM HABITAT INVENTORY; SCHELL RESOURCE AREA." THE STUDY WAS CONDUCTED TO ASSESS STREAM HABITAT CONDITIONS OF SEVERAL STREAMS LOCATED ON PUBLIC LANDS IN EASTERN NEVADA. THE REPORT FOCUSES ON QUALITY OF POOLS; BED MATERIALS; BANK COVER; RIPARIAN AREAS; AND AQUATIC INVERTEBRATES AS WELL AS WATER CHEMISTRY. DATA FROM THIS REPORT WERE COMPARED TO RESULTS FROM A 1979 BLM STUDY IN THE SAME AREA. THE 1979 DATA ALSO HAVE BEEN UPLOADED TO STORET BY THE NATIONAL PARK SERVICE. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: GRBA0395

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/30/81-06/30/81	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	06/30/81-06/30/81	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	06/30/81-06/30/81	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	06/30/81-06/30/81	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/30/81-06/30/81	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/30/81-06/30/81	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/30/81-06/30/81	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: GRBA0395

				Total	Exceed	Prop.	----------9/15-4/14----------			----------4/15-6/14----------			----------6/15-9/14----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00							1	0	0.00			
00406	PH, FIELD	Fresh Chronic	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 criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: GRBA0396

NPS Station ID: GRBA0396
LAT/LON: 39.070003/-114.248003
Agency: 11NPSWRD
Date Created: 05/30/98
Location: EYDH003
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): GRBA_NURE_122 /7055032
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE LEHMAN CAVES; NV-WHITE PINE CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A SPRING OUTSIDE THE GREAT BASIN NATIONAL PARK BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.45 MICRON FILTER AND ACIDIFIED TO A PH OF ONE WITH NITRIC ACID AT THE SITE. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "SRL" FIELD ENTRY (SAVANNAH RIVER LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE SAVANNAH RIVER LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525. TEL. (970) 225-3516.

Parameter Inventory for Station: GRBA0396

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/10/80-07/10/80	1	0.598	0.598	0.598	0.598	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/10/80-07/10/80	1	6.1	6.1	6.1	6.1	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/10/80-07/10/80	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/10/80-07/10/80	1	1.55	1.55	1.55	1.55	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/10/80-07/10/80	1	1.81	1.81	1.81	1.81	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	07/10/80-07/10/80	1	564.	564.	564.	564.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/10/80-07/10/80	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/10/80-07/10/80	1	22.	22.	22.	22.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/10/80-07/10/80	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	07/10/80-07/10/80	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	07/10/80-07/10/80	1	13.	13.	13.	13.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/10/80-07/10/80	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	07/10/80-07/10/80	1	22.	22.	22.	22.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/10/80-07/10/80	1	386.	386.	386.	386.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/10/80-07/10/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	07/10/80-07/10/80	1	9.	9.	9.	9.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	07/10/80-07/10/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/10/80-07/10/80	1	379.	379.	379.	379.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	07/10/80-07/10/80	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

Parameter Inventory for Station: GRBA0396

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/10/80-07/10/80	1	51.	51.	51.	51.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/10/80-07/10/80	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01110	CERIUM, DISSOLVED (UG/L AS CE)	07/10/80-07/10/80	1	62.	62.	62.	62.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/10/80-07/10/80	1	38.	38.	38.	38.	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/10/80-07/10/80	1	2029.	2029.	2029.	2029.	0.	0.	**	**	**	**
01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/10/80-07/10/80	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01180	LANTHANUM, DISSOLVED (UG/L AS LA)	07/10/80-07/10/80	1	32.	32.	32.	32.	0.	0.	**	**	**	**
01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/10/80-07/10/80	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/10/80-07/10/80	1	14.	14.	14.	14.	0.	0.	**	**	**	**
50576	HAFNIUM, DISSOLVED UG/L	07/10/80-07/10/80	1 ##	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
50580	NIOBIUM, DISSOLVED UG/L	07/10/80-07/10/80	1	24.	24.	24.	24.	0.	0.	**	**	**	**
82365	THORIUM, DISSOLVED IN WATER UG/L	07/10/80-07/10/80	1	10.	10.	10.	10.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0396

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	1	0	0.00							1	0	0.00			
		Drinking Water	4.	1	0	0.00							1	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00							1	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00							1	0	0.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00							1	0	0.00			
		Drinking Water	15.	1	1	1.00							1	1	1.00			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: GRBA0397

NPS Station ID: GRBA0397
LAT/LON: 39.072003/-114.177004
Agency: 11NPSWRD
Date Created: 05/30/98
Location: EYDH008
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): GRBA_NURE_150 /7055037
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE LEHMAN CAVES; NV-WHITE PINE CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A STREAM OUTSIDE THE GREAT BASIN NATIONAL PARK BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.45 MICRON FILTER AND ACIDIFIED TO A PH OF ONE WITH NITRIC ACID AT THE SITE. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "SRL" FIELD ENTRY (SAVANNAH RIVER LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE SAVANNAH RIVER LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525. TEL. (970) 225-3516.

Parameter Inventory for Station: GRBA0397

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/10/80-07/10/80	1	0.356	0.356	0.356	0.356	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/10/80-07/10/80	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/10/80-07/10/80	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/10/80-07/10/80	1	1.08	1.08	1.08	1.08	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/10/80-07/10/80	1	1.47	1.47	1.47	1.47	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	07/10/80-07/10/80	1	534.	534.	534.	534.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/10/80-07/10/80	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/10/80-07/10/80	1	11.	11.	11.	11.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/10/80-07/10/80	1	13.	13.	13.	13.	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	07/10/80-07/10/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	07/10/80-07/10/80	1	8.	8.	8.	8.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/10/80-07/10/80	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	07/10/80-07/10/80	1	13.	13.	13.	13.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/10/80-07/10/80	1	240.	240.	240.	240.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/10/80-07/10/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	07/10/80-07/10/80	1	8.	8.	8.	8.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	07/10/80-07/10/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/10/80-07/10/80	1	375.	375.	375.	375.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	07/10/80-07/10/80	1	32.	32.	32.	32.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: GRBA0397

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/10/80-07/10/80	1	31.	31.	31.	31.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/10/80-07/10/80	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01110	CERIUM, DISSOLVED (UG/L AS CE)	07/10/80-07/10/80	1	50.	50.	50.	50.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/10/80-07/10/80	1	29.	29.	29.	29.	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/10/80-07/10/80	1	1432.	1432.	1432.	1432.	0.	0.	**	**	**	**
01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/10/80-07/10/80	1	26.	26.	26.	26.	0.	0.	**	**	**	**
01180	LANTHANUM, DISSOLVED (UG/L AS LA)	07/10/80-07/10/80	1	28.	28.	28.	28.	0.	0.	**	**	**	**
01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/10/80-07/10/80	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/10/80-07/10/80	1	11.	11.	11.	11.	0.	0.	**	**	**	**
50576	HAFNIUM, DISSOLVED UG/L	07/10/80-07/10/80	1 ##	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
50580	NIOBIUM, DISSOLVED UG/L	07/10/80-07/10/80	1	12.	12.	12.	12.	0.	0.	**	**	**	**
82365	THORIUM, DISSOLVED IN WATER UG/L	07/10/80-07/10/80	1	10.	10.	10.	10.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0397

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	1	0	0.00							1	0	0.00			
		Drinking Water	4.	1	0	0.00							1	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00							1	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00							1	0	0.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00							1	0	0.00			
		Drinking Water	15.	1	0	0.00							1	0	0.00			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: GRBA0398

NPS Station ID: GRBA0398
LAT/LON: 39.080003/-114.129003
Agency: 11NPSWRD
Date Created: 05/30/98
Location: EYDH057
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): GRBA_NURE_149 /7055081
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE LEHMAN CAVES; NV-WHITE PINE CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A SPRING OUTSIDE THE GREAT BASIN NATIONAL PARK BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.45 MICRON FILTER AND ACIDIFIED TO A PH OF ONE WITH NITRIC ACID AT THE SITE. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "SRL" FIELD ENTRY (SAVANNAH RIVER LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE SAVANNAH RIVER LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525. TEL. (970) 225-3516.

Parameter Inventory for Station: GRBA0398

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/12/80-07/12/80	1	0.579	0.579	0.579	0.579	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/12/80-07/12/80	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/12/80-07/12/80	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/12/80-07/12/80	1	0.85	0.85	0.85	0.85	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/12/80-07/12/80	1	1.44	1.44	1.44	1.44	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	07/12/80-07/12/80	1	495.	495.	495.	495.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/12/80-07/12/80	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/12/80-07/12/80	1	18.	18.	18.	18.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/12/80-07/12/80	1	29.	29.	29.	29.	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	07/12/80-07/12/80	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	07/12/80-07/12/80	1	14.	14.	14.	14.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/12/80-07/12/80	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	07/12/80-07/12/80	1	15.	15.	15.	15.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/12/80-07/12/80	1	390.	390.	390.	390.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/12/80-07/12/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	07/12/80-07/12/80	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	07/12/80-07/12/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/12/80-07/12/80	1	297.	297.	297.	297.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	07/12/80-07/12/80	1	48.	48.	48.	48.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: GRBA0398

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/12/80-07/12/80	1	56.	56.	56.	56.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/12/80-07/12/80	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01110	CERIUM, DISSOLVED (UG/L AS CE)	07/12/80-07/12/80	1	59.	59.	59.	59.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/12/80-07/12/80	1	44.	44.	44.	44.	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/12/80-07/12/80	1	2368.	2368.	2368.	2368.	0.	0.	**	**	**	**
01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/12/80-07/12/80	1	61.	61.	61.	61.	0.	0.	**	**	**	**
01180	LANTHANUM, DISSOLVED (UG/L AS LA)	07/12/80-07/12/80	1	31.	31.	31.	31.	0.	0.	**	**	**	**
01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/12/80-07/12/80	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/12/80-07/12/80	1	14.	14.	14.	14.	0.	0.	**	**	**	**
50576	HAFNIUM, DISSOLVED UG/L	07/12/80-07/12/80	1 ##	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
50580	NIOBIUM, DISSOLVED UG/L	07/12/80-07/12/80	1	16.	16.	16.	16.	0.	0.	**	**	**	**
82365	THORIUM, DISSOLVED IN WATER UG/L	07/12/80-07/12/80	1	15.	15.	15.	15.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0398

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	1	0	0.00							1	0	0.00			
		Drinking Water	4.	1	0	0.00							1	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00							1	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00							1	0	0.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00							1	0	0.00			
		Drinking Water	15.	1	1	1.00							1	1	1.00			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: GRBA0399

NPS Station ID: GRBA0399 | LAT/LON: 39.081003/-114.197003 | Agency: 11NPSWRD | Date Created: 05/30/98
Location: EYDH004 | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): GRBA_NURE_127 /7055033
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 16020301 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 0 | Water Body Id:
Minor Basin: GREAT SALT LAKE | ECO Region:
RF1 Index: 16020301 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE LEHMAN CAVES; NV-WHITE PINE CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A SPRING OUTSIDE THE GREAT BASIN NATIONAL PARK BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.45 MICRON FILTER AND ACIDIFIED TO A PH OF ONE WITH NITRIC ACID AT THE SITE. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "SRL" FIELD ENTRY (SAVANNAH RIVER LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE SAVANNAH RIVER LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525. TEL. (970) 225-3516.

Parameter Inventory for Station: GRBA0399

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/10/80-07/10/80	1	0.581	0.581	0.581	0.581	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/10/80-07/10/80	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/10/80-07/10/80	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/10/80-07/10/80	1	0.84	0.84	0.84	0.84	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/10/80-07/10/80	1	1.59	1.59	1.59	1.59	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	07/10/80-07/10/80	1	497.	497.	497.	497.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/10/80-07/10/80	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/10/80-07/10/80	1	38.	38.	38.	38.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/10/80-07/10/80	1	26.	26.	26.	26.	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	07/10/80-07/10/80	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	07/10/80-07/10/80	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/10/80-07/10/80	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	07/10/80-07/10/80	1	26.	26.	26.	26.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/10/80-07/10/80	1	438.	438.	438.	438.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/10/80-07/10/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	07/10/80-07/10/80	1	14.	14.	14.	14.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	07/10/80-07/10/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/10/80-07/10/80	1	351.	351.	351.	351.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	07/10/80-07/10/80	1	45.	45.	45.	45.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: GRBA0399

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/10/80-07/10/80	1	59.	59.	59.	59.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/10/80-07/10/80	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01110	CERIUM, DISSOLVED (UG/L AS CE)	07/10/80-07/10/80	1	53.	53.	53.	53.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/10/80-07/10/80	1	51.	51.	51.	51.	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/10/80-07/10/80	1	1934.	1934.	1934.	1934.	0.	0.	**	**	**	**
01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/10/80-07/10/80	1	53.	53.	53.	53.	0.	0.	**	**	**	**
01180	LANTHANUM, DISSOLVED (UG/L AS LA)	07/10/80-07/10/80	1	25.	25.	25.	25.	0.	0.	**	**	**	**
01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/10/80-07/10/80	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/10/80-07/10/80	1	13.	13.	13.	13.	0.	0.	**	**	**	**
50576	HAFNIUM, DISSOLVED UG/L	07/10/80-07/10/80	1 ##	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
50580	NIOBIUM, DISSOLVED UG/L	07/10/80-07/10/80	1	17.	17.	17.	17.	0.	0.	**	**	**	**
82365	THORIUM, DISSOLVED IN WATER UG/L	07/10/80-07/10/80	1	10.	10.	10.	10.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0399

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	1	0	0.00							1	0	0.00			
		Drinking Water	4.	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	1	1.00							1	1	1.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00							1	0	0.00			
		Drinking Water	15.	1	1	1.00							1	1	1.00			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: GRBA0400

NPS Station ID: GRBA0400
LAT/LON: 39.081003/-114.330003
Agency: 11NPSWRD
Date Created: 05/30/98
Location: EYDG073
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): GRBA_NURE_105 /7055028
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK; NV-WHITE PINE CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A SPRING OUTSIDE THE GREAT BASIN NATIONAL PARK BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.45 MICRON FILTER AND ACIDIFIED TO A PH OF ONE WITH NITRIC ACID AT THE SITE. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "SRL" FIELD ENTRY (SAVANNAH RIVER LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE SAVANNAH RIVER LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525. TEL. (970) 225-3516.

Parameter Inventory for Station: GRBA0400

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/09/80-07/09/80	1	0.96	0.96	0.96	0.96	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/09/80-07/09/80	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/09/80-07/09/80	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/09/80-07/09/80	1	1.26	1.26	1.26	1.26	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/09/80-07/09/80	1	1.77	1.77	1.77	1.77	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	07/09/80-07/09/80	1	556.	556.	556.	556.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/09/80-07/09/80	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/09/80-07/09/80	1	28.	28.	28.	28.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/09/80-07/09/80	1	28.	28.	28.	28.	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	07/09/80-07/09/80	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	07/09/80-07/09/80	1	19.	19.	19.	19.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/09/80-07/09/80	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	07/09/80-07/09/80	1	23.	23.	23.	23.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/09/80-07/09/80	1	540.	540.	540.	540.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/09/80-07/09/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	07/09/80-07/09/80	1	14.	14.	14.	14.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	07/09/80-07/09/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/09/80-07/09/80	1	337.	337.	337.	337.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	07/09/80-07/09/80	1	52.	52.	52.	52.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: GRBA0400

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/09/80-07/09/80	1	61.	61.	61.	61.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/09/80-07/09/80	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01110	CERIUM, DISSOLVED (UG/L AS CE)	07/09/80-07/09/80	1	65.	65.	65.	65.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/09/80-07/09/80	1	41.	41.	41.	41.	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/09/80-07/09/80	1	2614.	2614.	2614.	2614.	0.	0.	**	**	**	**
01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/09/80-07/09/80	1	57.	57.	57.	57.	0.	0.	**	**	**	**
01180	LANTHANUM, DISSOLVED (UG/L AS LA)	07/09/80-07/09/80	1	34.	34.	34.	34.	0.	0.	**	**	**	**
01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/09/80-07/09/80	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/09/80-07/09/80	1	16.	16.	16.	16.	0.	0.	**	**	**	**
50576	HAFNIUM, DISSOLVED UG/L	07/09/80-07/09/80	1 ##	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
50580	NIOBIUM, DISSOLVED UG/L	07/09/80-07/09/80	1	18.	18.	18.	18.	0.	0.	**	**	**	**
82365	THORIUM, DISSOLVED IN WATER UG/L	07/09/80-07/09/80	1	11.	11.	11.	11.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0400

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	1	0	0.00							1	0	0.00			
		Drinking Water	4.	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	1	1.00							1	1	1.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00							1	0	0.00			
		Drinking Water	15.	1	1	1.00							1	1	1.00			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: GRBA0401

NPS Station ID: GRBA0401
LAT/LON: 39.087003/-114.153003
Agency: 11NPSWRD
Date Created: 05/30/98
Location: EYDH015
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): GRBA_NURE_166 /7055044
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE LEHMAN CAVES; NV-WHITE PINE CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A SPRING OUTSIDE THE GREAT BASIN NATIONAL PARK BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.45 MICRON FILTER AND ACIDIFIED TO A PH OF ONE WITH NITRIC ACID AT THE SITE. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "SRL" FIELD ENTRY (SAVANNAH RIVER LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE SAVANNAH RIVER LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525. TEL. (970) 225-3516.

Parameter Inventory for Station: GRBA0401

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/11/80-07/11/80	1	0.387	0.387	0.387	0.387	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/11/80-07/11/80	1	11.3	11.3	11.3	11.3	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/11/80-07/11/80	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/11/80-07/11/80	1	0.65	0.65	0.65	0.65	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/11/80-07/11/80	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	07/11/80-07/11/80	1	440.	440.	440.	440.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/11/80-07/11/80	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/11/80-07/11/80	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/11/80-07/11/80	1	22.	22.	22.	22.	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	07/11/80-07/11/80	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	07/11/80-07/11/80	1	13.	13.	13.	13.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/11/80-07/11/80	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	07/11/80-07/11/80	1	14.	14.	14.	14.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/11/80-07/11/80	1	408.	408.	408.	408.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/11/80-07/11/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	07/11/80-07/11/80	1	22.	22.	22.	22.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	07/11/80-07/11/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/11/80-07/11/80	1	351.	351.	351.	351.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	07/11/80-07/11/80	1	43.	43.	43.	43.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: GRBA0401

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/11/80-07/11/80	1	72.	72.	72.	72.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/11/80-07/11/80	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01110	CERIUM, DISSOLVED (UG/L AS CE)	07/11/80-07/11/80	1	53.	53.	53.	53.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/11/80-07/11/80	1	32.	32.	32.	32.	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/11/80-07/11/80	1	2026.	2026.	2026.	2026.	0.	0.	**	**	**	**
01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/11/80-07/11/80	1	48.	48.	48.	48.	0.	0.	**	**	**	**
01180	LANTHANUM, DISSOLVED (UG/L AS LA)	07/11/80-07/11/80	1	26.	26.	26.	26.	0.	0.	**	**	**	**
01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/11/80-07/11/80	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/11/80-07/11/80	1	11.	11.	11.	11.	0.	0.	**	**	**	**
50576	HAFNIUM, DISSOLVED UG/L	07/11/80-07/11/80	1 ##	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
50580	NIOBIUM, DISSOLVED UG/L	07/11/80-07/11/80	1	17.	17.	17.	17.	0.	0.	**	**	**	**
82365	THORIUM, DISSOLVED IN WATER UG/L	07/11/80-07/11/80	1	10.	10.	10.	10.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0401

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	1	0	0.00							1	0	0.00			
		Drinking Water	4.	1	0	0.00							1	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00							1	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00							1	0	0.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00							1	0	0.00			
		Drinking Water	15.	1	0	0.00							1	0	0.00			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: GRBA0402

NPS Station ID: GRBA0402 | LAT/LON: 39.087003/-114.373003 | Agency: 11NPSWRD | Date Created: 05/30/98
Location: EYDG069 | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): GRBA_NURE_057 /7055025
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 16060008 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 0 | Water Body Id:
Minor Basin: CENTRAL NEVADA | ECO Region:
RF1 Index: 16060008 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK; NV-WHITE PINE CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A SPRING OUTSIDE THE GREAT BASIN NATIONAL PARK BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.45 MICRON FILTER AND ACIDIFIED TO A PH OF ONE WITH NITRIC ACID AT THE SITE. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "SRL" FIELD ENTRY (SAVANNAH RIVER LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE SAVANNAH RIVER LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525. TEL. (970) 225-3516.

Parameter Inventory for Station: GRBA0402

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/09/80-07/09/80	1	0.259	0.259	0.259	0.259	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/09/80-07/09/80	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/09/80-07/09/80	1	3.6	3.6	3.6	3.6	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/09/80-07/09/80	1	0.49	0.49	0.49	0.49	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/09/80-07/09/80	1	0.81	0.81	0.81	0.81	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	07/09/80-07/09/80	1	315.	315.	315.	315.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/09/80-07/09/80	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/09/80-07/09/80	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/09/80-07/09/80	1	19.	19.	19.	19.	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	07/09/80-07/09/80	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	07/09/80-07/09/80	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/09/80-07/09/80	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	07/09/80-07/09/80	1	13.	13.	13.	13.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/09/80-07/09/80	1	327.	327.	327.	327.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/09/80-07/09/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	07/09/80-07/09/80	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	07/09/80-07/09/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/09/80-07/09/80	1	190.	190.	190.	190.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	07/09/80-07/09/80	1	37.	37.	37.	37.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: GRBA0402

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/09/80-07/09/80	1	39.	39.	39.	39.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/09/80-07/09/80	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01110	CERIUM, DISSOLVED (UG/L AS CE)	07/09/80-07/09/80	1	43.	43.	43.	43.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/09/80-07/09/80	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/09/80-07/09/80	1	1562.	1562.	1562.	1562.	0.	0.	**	**	**	**
01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/09/80-07/09/80	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01180	LANTHANUM, DISSOLVED (UG/L AS LA)	07/09/80-07/09/80	1	22.	22.	22.	22.	0.	0.	**	**	**	**
01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/09/80-07/09/80	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/09/80-07/09/80	1	10.	10.	10.	10.	0.	0.	**	**	**	**
50576	HAFNIUM, DISSOLVED UG/L	07/09/80-07/09/80	1 ##	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
50580	NIOBIUM, DISSOLVED UG/L	07/09/80-07/09/80	1	15.	15.	15.	15.	0.	0.	**	**	**	**
82365	THORIUM, DISSOLVED IN WATER UG/L	07/09/80-07/09/80	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: GRBA0402

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	1	0	0.00							1	0	0.00			
		Drinking Water	4.	1	0	0.00							1	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00							1	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00							1	0	0.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00							1	0	0.00			
		Drinking Water	15.	1	0	0.00							1	0	0.00			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: GRBA0403

NPS Station ID: GRBA0403
LAT/LON: 39.093003/-114.299004
Agency: 11NPSWRD
Date Created: 05/30/98
Location: EYDG072
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): GRBA_NURE_107 /7055027
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK; NV-WHITE PINE CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A SPRING OUTSIDE THE GREAT BASIN NATIONAL PARK BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.45 MICRON FILTER AND ACIDIFIED TO A PH OF ONE WITH NITRIC ACID AT THE SITE. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "SRL" FIELD ENTRY (SAVANNAH RIVER LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE SAVANNAH RIVER LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525. TEL. (970) 225-3516.

Parameter Inventory for Station: GRBA0403

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/09/80-07/09/80	1	0.979	0.979	0.979	0.979	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/09/80-07/09/80	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/09/80-07/09/80	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/09/80-07/09/80	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/09/80-07/09/80	1	2.14	2.14	2.14	2.14	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	07/09/80-07/09/80	1	475.	475.	475.	475.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/09/80-07/09/80	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/09/80-07/09/80	1	33.	33.	33.	33.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/09/80-07/09/80	1	26.	26.	26.	26.	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	07/09/80-07/09/80	1	9.	9.	9.	9.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	07/09/80-07/09/80	1	386.	386.	386.	386.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/09/80-07/09/80	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	07/09/80-07/09/80	1	25.	25.	25.	25.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/09/80-07/09/80	1	534.	534.	534.	534.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/09/80-07/09/80	1	8.	8.	8.	8.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	07/09/80-07/09/80	1	12.	12.	12.	12.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	07/09/80-07/09/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/09/80-07/09/80	1	261.	261.	261.	261.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	07/09/80-07/09/80	1	49.	49.	49.	49.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: GRBA0403

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/09/80-07/09/80	1	79.	79.	79.	79.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/09/80-07/09/80	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01110	CERIUM, DISSOLVED (UG/L AS CE)	07/09/80-07/09/80	1	44.	44.	44.	44.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/09/80-07/09/80	1	32.	32.	32.	32.	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/09/80-07/09/80	1	1738.	1738.	1738.	1738.	0.	0.	**	**	**	**
01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/09/80-07/09/80	1	54.	54.	54.	54.	0.	0.	**	**	**	**
01180	LANTHANUM, DISSOLVED (UG/L AS LA)	07/09/80-07/09/80	1	22.	22.	22.	22.	0.	0.	**	**	**	**
01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/09/80-07/09/80	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/09/80-07/09/80	1	13.	13.	13.	13.	0.	0.	**	**	**	**
50576	HAFNIUM, DISSOLVED UG/L	07/09/80-07/09/80	1 ##	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
50580	NIOBIUM, DISSOLVED UG/L	07/09/80-07/09/80	1	13.	13.	13.	13.	0.	0.	**	**	**	**
82365	THORIUM, DISSOLVED IN WATER UG/L	07/09/80-07/09/80	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: GRBA0403

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------9/15-4/14---------- Obs	Exceed	Prop.	----------4/15-6/14---------- Obs	Exceed	Prop.	----------6/15-9/14---------- Obs	Exceed	Prop.	--------------n/a-------------- Obs	Exceed	Prop.
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	1	0	0.00							1	0	0.00			
		Drinking Water	4.	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	1	1.00							1	1	1.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00							1	0	0.00			
		Drinking Water	15.	1	1	1.00							1	1	1.00			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: GRBA0404

NPS Station ID: GRBA0404
LAT/LON: 39.097003/-114.223003
Agency: 11NPSWRD
Date Created: 05/30/98
Location: EYDH002
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): GRBA_NURE_126 /7055031
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE LEHMAN CAVES; NV-WHITE PINE CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A SPRING OUTSIDE THE GREAT BASIN NATIONAL PARK BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.45 MICRON FILTER AND ACIDIFIED TO A PH OF ONE WITH NITRIC ACID AT THE SITE. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "SRL" FIELD ENTRY (SAVANNAH RIVER LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE SAVANNAH RIVER LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525. TEL. (970) 225-3516.

Parameter Inventory for Station: GRBA0404

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/11/80-07/11/80	1	0.662	0.662	0.662	0.662	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/11/80-07/11/80	1	11.2	11.2	11.2	11.2	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/11/80-07/11/80	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/11/80-07/11/80	1	1.03	1.03	1.03	1.03	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/11/80-07/11/80	1	1.35	1.35	1.35	1.35	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	07/11/80-07/11/80	1	444.	444.	444.	444.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/11/80-07/11/80	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/11/80-07/11/80	1	18.	18.	18.	18.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/11/80-07/11/80	1	17.	17.	17.	17.	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	07/11/80-07/11/80	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	07/11/80-07/11/80	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/11/80-07/11/80	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	07/11/80-07/11/80	1	16.	16.	16.	16.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/11/80-07/11/80	1	448.	448.	448.	448.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/11/80-07/11/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	07/11/80-07/11/80	1	8.	8.	8.	8.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	07/11/80-07/11/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/11/80-07/11/80	1	527.	527.	527.	527.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	07/11/80-07/11/80	1	41.	41.	41.	41.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: GRBA0404

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/11/80-07/11/80	1	49.	49.	49.	49.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/11/80-07/11/80	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01110	CERIUM, DISSOLVED (UG/L AS CE)	07/11/80-07/11/80	1	49.	49.	49.	49.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/11/80-07/11/80	1	55.	55.	55.	55.	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/11/80-07/11/80	1	1864.	1864.	1864.	1864.	0.	0.	**	**	**	**
01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/11/80-07/11/80	1	46.	46.	46.	46.	0.	0.	**	**	**	**
01180	LANTHANUM, DISSOLVED (UG/L AS LA)	07/11/80-07/11/80	1	26.	26.	26.	26.	0.	0.	**	**	**	**
01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/11/80-07/11/80	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/11/80-07/11/80	1	12.	12.	12.	12.	0.	0.	**	**	**	**
50576	HAFNIUM, DISSOLVED UG/L	07/11/80-07/11/80	1 ##	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
50580	NIOBIUM, DISSOLVED UG/L	07/11/80-07/11/80	1	17.	17.	17.	17.	0.	0.	**	**	**	**
82365	THORIUM, DISSOLVED IN WATER UG/L	07/11/80-07/11/80	1	8.	8.	8.	8.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0404

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	1	0	0.00							1	0	0.00			
		Drinking Water	4.	1	0	0.00							1	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00							1	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00							1	0	0.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00							1	0	0.00			
		Drinking Water	15.	1	1	1.00							1	1	1.00			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: GRBA0405

NPS Station ID: GRBA0405 | LAT/LON: 39.097003/-114.260003 | Agency: 11NPSWRD | Date Created: 05/30/98
Location: EYDG070 | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): GRBA_NURE_124 /7055026
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 16020301 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 0 | Water Body Id:
Minor Basin: GREAT SALT LAKE | ECO Region:
RF1 Index: 16020301 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK; NV-WHITE PINE CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A SPRING OUTSIDE THE GREAT BASIN NATIONAL PARK BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.45 MICRON FILTER AND ACIDIFIED TO A PH OF ONE WITH NITRIC ACID AT THE SITE. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "SRL" FIELD ENTRY (SAVANNAH RIVER LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE SAVANNAH RIVER LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525.
TEL. (970) 225-3516.

Parameter Inventory for Station: GRBA0405

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/09/80-07/09/80	1	0.235	0.235	0.235	0.235	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/09/80-07/09/80	1	11.6	11.6	11.6	11.6	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/09/80-07/09/80	1	2.4	2.4	2.4	2.4	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/09/80-07/09/80	1	0.78	0.78	0.78	0.78	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/09/80-07/09/80	1	1.42	1.42	1.42	1.42	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	07/09/80-07/09/80	1	348.	348.	348.	348.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/09/80-07/09/80	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/09/80-07/09/80	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/09/80-07/09/80	1	15.	15.	15.	15.	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	07/09/80-07/09/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	07/09/80-07/09/80	1	14.	14.	14.	14.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/09/80-07/09/80	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	07/09/80-07/09/80	1	16.	16.	16.	16.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/09/80-07/09/80	1	329.	329.	329.	329.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/09/80-07/09/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	07/09/80-07/09/80	1	8.	8.	8.	8.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	07/09/80-07/09/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/09/80-07/09/80	1	195.	195.	195.	195.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	07/09/80-07/09/80	1	32.	32.	32.	32.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: GRBA0405

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/09/80-07/09/80	1	65.	65.	65.	65.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/09/80-07/09/80	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01110	CERIUM, DISSOLVED (UG/L AS CE)	07/09/80-07/09/80	1	64.	64.	64.	64.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/09/80-07/09/80	1	29.	29.	29.	29.	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/09/80-07/09/80	1	1589.	1589.	1589.	1589.	0.	0.	**	**	**	**
01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/09/80-07/09/80	1	133.	133.	133.	133.	0.	0.	**	**	**	**
01180	LANTHANUM, DISSOLVED (UG/L AS LA)	07/09/80-07/09/80	1	34.	34.	34.	34.	0.	0.	**	**	**	**
01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/09/80-07/09/80	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/09/80-07/09/80	1	18.	18.	18.	18.	0.	0.	**	**	**	**
50576	HAFNIUM, DISSOLVED UG/L	07/09/80-07/09/80	1 ##	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
50580	NIOBIUM, DISSOLVED UG/L	07/09/80-07/09/80	1	23.	23.	23.	23.	0.	0.	**	**	**	**
82365	THORIUM, DISSOLVED IN WATER UG/L	07/09/80-07/09/80	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: GRBA0405

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------9/15-4/14---------- Obs	Exceed	Prop.	----------4/15-6/14---------- Obs	Exceed	Prop.	----------6/15-9/14---------- Obs	Exceed	Prop.	--------------n/a-------------- Obs	Exceed	Prop.
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	1	0	0.00							1	0	0.00			
		Drinking Water	4.	1	0	0.00							1	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00							1	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00							1	0	0.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00							1	0	0.00			
		Drinking Water	15.	1	1	1.00							1	1	1.00			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: GRBA0406

NPS Station ID: GRBA0406 | LAT/LON: 39.098003/-114.246003 | Agency: 11NPSWRD | Date Created: 05/30/98
Location: EYDH001 | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): GRBA_NURE_121 /7055030
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 16020301 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 0 | Water Body Id:
Minor Basin: GREAT SALT LAKE | ECO Region:
RF1 Index: 16020301 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE LEHMAN CAVES; NV-WHITE PINE CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A SPRING OUTSIDE THE GREAT BASIN NATIONAL PARK BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.45 MICRON FILTER AND ACIDIFIED TO A PH OF ONE WITH NITRIC ACID AT THE SITE. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "SRL" FIELD ENTRY (SAVANNAH RIVER LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE SAVANNAH RIVER LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525. TEL. (970) 225-3516.

Parameter Inventory for Station: GRBA0406

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/10/80-07/10/80	1	0.668	0.668	0.668	0.668	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/10/80-07/10/80	1	11.6	11.6	11.6	11.6	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/10/80-07/10/80	1	2.1	2.1	2.1	2.1	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/10/80-07/10/80	1	0.71	0.71	0.71	0.71	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/10/80-07/10/80	1	1.41	1.41	1.41	1.41	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	07/10/80-07/10/80	1	424.	424.	424.	424.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/10/80-07/10/80	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/10/80-07/10/80	1	51.	51.	51.	51.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/10/80-07/10/80	1	21.	21.	21.	21.	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	07/10/80-07/10/80	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	07/10/80-07/10/80	1	13.	13.	13.	13.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/10/80-07/10/80	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	07/10/80-07/10/80	1	13.	13.	13.	13.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/10/80-07/10/80	1	416.	416.	416.	416.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/10/80-07/10/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	07/10/80-07/10/80	1	8.	8.	8.	8.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	07/10/80-07/10/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/10/80-07/10/80	1	353.	353.	353.	353.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	07/10/80-07/10/80	1	39.	39.	39.	39.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: GRBA0406

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/10/80-07/10/80	1	46.	46.	46.	46.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/10/80-07/10/80	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01110	CERIUM, DISSOLVED (UG/L AS CE)	07/10/80-07/10/80	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/10/80-07/10/80	1	46.	46.	46.	46.	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/10/80-07/10/80	1	1802.	1802.	1802.	1802.	0.	0.	**	**	**	**
01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/10/80-07/10/80	1	47.	47.	47.	47.	0.	0.	**	**	**	**
01180	LANTHANUM, DISSOLVED (UG/L AS LA)	07/10/80-07/10/80	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/10/80-07/10/80	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/10/80-07/10/80	1	11.	11.	11.	11.	0.	0.	**	**	**	**
50576	HAFNIUM, DISSOLVED UG/L	07/10/80-07/10/80	1 ##	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
50580	NIOBIUM, DISSOLVED UG/L	07/10/80-07/10/80	1	18.	18.	18.	18.	0.	0.	**	**	**	**
82365	THORIUM, DISSOLVED IN WATER UG/L	07/10/80-07/10/80	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: GRBA0406

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	1	0	0.00							1	0	0.00			
		Drinking Water	4.	1	0	0.00							1	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00							1	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00							1	0	0.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00							1	0	0.00			
		Drinking Water	15.	1	0	0.00							1	0	0.00			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: GRBA0407

NPS Station ID: GRBA0407 | LAT/LON: 39.106892/-114.175004 | Agency: 11NPSWRD | Date Created: 05/30/98
Location: EYDH507 | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): GRBA_NURE_158 /7071044
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 16020301 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 0 | Water Body Id:
Minor Basin: GREAT SALT LAKE | ECO Region:
RF1 Index: 16020301 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE LEHMAN CAVES; NV-WHITE PINE CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A SPRING OUTSIDE THE GREAT BASIN NATIONAL PARK BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.8 MICRON FILTER OR SMALLER AT THE SITE. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "SRL" FIELD ENTRY (SAVANNAH RIVER LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE SAVANNAH RIVER LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525. TEL. (970) 225-3516.

Parameter Inventory for Station: GRBA0407

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/11/80-07/11/80	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/11/80-07/11/80	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/11/80-07/11/80	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/11/80-07/11/80	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/11/80-07/11/80	1	125.	125.	125.	125.	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/11/80-07/11/80	1	0.047	0.047	0.047	0.047	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/11/80-07/11/80	1	58.6	58.6	58.6	58.6	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/11/80-07/11/80	1	18.6	18.6	18.6	18.6	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/11/80-07/11/80	1	4.2	4.2	4.2	4.2	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/11/80-07/11/80	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	07/11/80-07/11/80	1	60.	60.	60.	60.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/11/80-07/11/80	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/11/80-07/11/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/11/80-07/11/80	1	33.	33.	33.	33.	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	07/11/80-07/11/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	07/11/80-07/11/80	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/11/80-07/11/80	1	49.	49.	49.	49.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/11/80-07/11/80	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/11/80-07/11/80	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: GRBA0407

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01065	NICKEL, DISSOLVED (UG/L AS NI)	07/11/80-07/11/80	1	24.	24.	24.	24.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	07/11/80-07/11/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/11/80-07/11/80	1	171.	171.	171.	171.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	07/11/80-07/11/80	1	19.	19.	19.	19.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/11/80-07/11/80	1	12.	12.	12.	12.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/11/80-07/11/80	1	76.	76.	76.	76.	0.	0.	**	**	**	**
01110	CERIUM, DISSOLVED (UG/L AS CE)	07/11/80-07/11/80	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/11/80-07/11/80	1	8.	8.	8.	8.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	07/11/80-07/11/80	1	1200.	1200.	1200.	1200.	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/11/80-07/11/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/11/80-07/11/80	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/11/80-07/11/80	1	29.	29.	29.	29.	0.	0.	**	**	**	**
01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/11/80-07/11/80	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: GRBA0407

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	1	0	0.00							1	0	0.00			
		Drinking Water	4.	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			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: GRBA0408

NPS Station ID: GRBA0408 | LAT/LON: 39.106892/-114.175392 | Agency: 11NPSWRD | Date Created: 05/30/98
Location: EYDH507R | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): GRBA_NURE_161 /5069643
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 16020301 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 0 | Water Body Id:
Minor Basin: GREAT SALT LAKE | ECO Region:
RF1 Index: 16020301 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE LEHMAN CAVES; NV-WHITE PINE CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A SPRING OUTSIDE THE GREAT BASIN NATIONAL PARK BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.8 MICRON FILTER OR SMALLER AT THE SITE. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "SRL" FIELD ENTRY (SAVANNAH RIVER LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE SAVANNAH RIVER LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525. TEL. (970) 225-3516.

Parameter Inventory for Station: GRBA0408

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/11/80-07/11/80	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/11/80-07/11/80	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/11/80-07/11/80	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/11/80-07/11/80	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/11/80-07/11/80	1	125.	125.	125.	125.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/11/80-07/11/80	1	3.2	3.2	3.2	3.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/11/80-07/11/80	1	4.87	4.87	4.87	4.87	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	07/11/80-07/11/80	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/11/80-07/11/80	1	120.	120.	120.	120.	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	07/11/80-07/11/80	1	1.359	1.359	1.359	1.359	0.	0.	**	**	**	**
50700	FLUORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	07/11/80-07/11/80	1	32.	32.	32.	32.	0.	0.	**	**	**	**
50760	CHLORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	07/11/80-07/11/80	1	3200.	3200.	3200.	3200.	0.	0.	**	**	**	**
82331	DYSPROSIUM, DISSOLVED AS DY IN WATER UG/L	07/11/80-07/11/80	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0408

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: GRBA0409

NPS Station ID: GRBA0409 | LAT/LON: 39.107003/-114.175004 | Agency: 11NPSWRD | Date Created: 05/30/98
Location: EYDH025 | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): GRBA_NURE_162 /7055053
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 16020301 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 0 | Water Body Id:
Minor Basin: GREAT SALT LAKE | ECO Region:
RF1 Index: 16020301 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE LEHMAN CAVES; NV-WHITE PINE CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A STREAM OUTSIDE THE GREAT BASIN NATIONAL PARK BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.45 MICRON FILTER AND ACIDIFIED TO A PH OF ONE WITH NITRIC ACID AT THE SITE. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "SRL" FIELD ENTRY (SAVANNAH RIVER LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE SAVANNAH RIVER LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525. TEL. (970) 225-3516.

Parameter Inventory for Station: GRBA0409

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/11/80-07/11/80	1	0.625	0.625	0.625	0.625	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/11/80-07/11/80	1	10.5	10.5	10.5	10.5	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/11/80-07/11/80	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/11/80-07/11/80	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/11/80-07/11/80	1	1.59	1.59	1.59	1.59	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	07/11/80-07/11/80	1	514.	514.	514.	514.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/11/80-07/11/80	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/11/80-07/11/80	1	15.	15.	15.	15.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/11/80-07/11/80	1	22.	22.	22.	22.	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	07/11/80-07/11/80	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	07/11/80-07/11/80	1	12.	12.	12.	12.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/11/80-07/11/80	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	07/11/80-07/11/80	1	27.	27.	27.	27.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/11/80-07/11/80	1	552.	552.	552.	552.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/11/80-07/11/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	07/11/80-07/11/80	1	11.	11.	11.	11.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	07/11/80-07/11/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/11/80-07/11/80	1	317.	317.	317.	317.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	07/11/80-07/11/80	1	36.	36.	36.	36.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: GRBA0409

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/11/80-07/11/80	1	57.	57.	57.	57.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/11/80-07/11/80	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01110	CERIUM, DISSOLVED (UG/L AS CE)	07/11/80-07/11/80	1	42.	42.	42.	42.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/11/80-07/11/80	1	39.	39.	39.	39.	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/11/80-07/11/80	1	1791.	1791.	1791.	1791.	0.	0.	**	**	**	**
01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/11/80-07/11/80	1	46.	46.	46.	46.	0.	0.	**	**	**	**
01180	LANTHANUM, DISSOLVED (UG/L AS LA)	07/11/80-07/11/80	1	19.	19.	19.	19.	0.	0.	**	**	**	**
01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/11/80-07/11/80	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/11/80-07/11/80	1	10.	10.	10.	10.	0.	0.	**	**	**	**
50576	HAFNIUM, DISSOLVED UG/L	07/11/80-07/11/80	1 ##	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
50580	NIOBIUM, DISSOLVED UG/L	07/11/80-07/11/80	1	14.	14.	14.	14.	0.	0.	**	**	**	**
82365	THORIUM, DISSOLVED IN WATER UG/L	07/11/80-07/11/80	1	5.	5.	5.	5.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0409

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	1	0	0.00							1	0	0.00			
		Drinking Water	4.	1	0	0.00							1	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00							1	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00							1	0	0.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00							1	0	0.00			
		Drinking Water	15.	1	1	1.00							1	1	1.00			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: GRBA0410

NPS Station ID: GRBA0410 | LAT/LON: 39.107003/-114.262004 | Agency: 11NPSWRD | Date Created: 05/30/98
Location: EYDG057 | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): GRBA_NURE_123 /7055016
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 16020301 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 0 | Water Body Id:
Minor Basin: GREAT SALT LAKE | ECO Region:
RF1 Index: 16020301 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK; NV-WHITE PINE CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A SPRING OUTSIDE THE GREAT BASIN NATIONAL PARK BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.45 MICRON FILTER AND ACIDIFIED TO A PH OF ONE WITH NITRIC ACID AT THE SITE. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "SRL" FIELD ENTRY (SAVANNAH RIVER LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE SAVANNAH RIVER LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525.
TEL. (970) 225-3516.

Parameter Inventory for Station: GRBA0410

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/08/80-07/08/80	1	0.575	0.575	0.575	0.575	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/08/80-07/08/80	1	10.8	10.8	10.8	10.8	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/08/80-07/08/80	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/08/80-07/08/80	1	0.62	0.62	0.62	0.62	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/08/80-07/08/80	1	1.34	1.34	1.34	1.34	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	07/08/80-07/08/80	1	483.	483.	483.	483.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/08/80-07/08/80	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/08/80-07/08/80	1	13.	13.	13.	13.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/08/80-07/08/80	1	29.	29.	29.	29.	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	07/08/80-07/08/80	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	07/08/80-07/08/80	1	15.	15.	15.	15.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/08/80-07/08/80	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	07/08/80-07/08/80	1	21.	21.	21.	21.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/08/80-07/08/80	1	392.	392.	392.	392.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/08/80-07/08/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	07/08/80-07/08/80	1	14.	14.	14.	14.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	07/08/80-07/08/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/08/80-07/08/80	1	309.	309.	309.	309.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	07/08/80-07/08/80	1	42.	42.	42.	42.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: GRBA0410

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/08/80-07/08/80	1	49.	49.	49.	49.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/08/80-07/08/80	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01110	CERIUM, DISSOLVED (UG/L AS CE)	07/08/80-07/08/80	1	38.	38.	38.	38.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/08/80-07/08/80	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/08/80-07/08/80	1	1693.	1693.	1693.	1693.	0.	0.	**	**	**	**
01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/08/80-07/08/80	1	44.	44.	44.	44.	0.	0.	**	**	**	**
01180	LANTHANUM, DISSOLVED (UG/L AS LA)	07/08/80-07/08/80	1	19.	19.	19.	19.	0.	0.	**	**	**	**
01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/08/80-07/08/80	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/08/80-07/08/80	1	10.	10.	10.	10.	0.	0.	**	**	**	**
50576	HAFNIUM, DISSOLVED UG/L	07/08/80-07/08/80	1 ##	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
50580	NIOBIUM, DISSOLVED UG/L	07/08/80-07/08/80	1	15.	15.	15.	15.	0.	0.	**	**	**	**
82365	THORIUM, DISSOLVED IN WATER UG/L	07/08/80-07/08/80	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: GRBA0410

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	1	0	0.00							1	0	0.00			
		Drinking Water	4.	1	0	0.00							1	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00							1	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00							1	0	0.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00							1	0	0.00			
		Drinking Water	15.	1	1	1.00							1	1	1.00			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: GRBA0411

NPS Station ID: GRBA0411
LAT/LON: 39.111004/-114.184003
Agency: 11NPSWRD
Date Created: 05/30/98
Location: EYDH018
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): GRBA_NURE_160 /7055047
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE LEHMAN CAVES; NV-WHITE PINE CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A SPRING OUTSIDE THE GREAT BASIN NATIONAL PARK BOUNDARIES. THE SAMPLES ARE ARE UNTREATED SPRING WATER. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "SRL" FIELD ENTRY (SAVANNAH RIVER LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE SAVANNAH RIVER LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525. TEL. (970) 225-3516.

Parameter Inventory for Station: GRBA0411

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00442	PHOSPHOROUS, TOTAL ELEMENTAL MG/L	07/11/80-07/11/80	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	07/11/80-07/11/80	1	10.1	10.1	10.1	10.1	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	07/11/80-07/11/80	1	0.55	0.55	0.55	0.55	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	07/11/80-07/11/80	1	1.42	1.42	1.42	1.42	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	07/11/80-07/11/80	1	1168.	1168.	1168.	1168.	0.	0.	**	**	**	**
01012	BERYLLIUM, TOTAL (UG/L AS BE)	07/11/80-07/11/80	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01022	BORON, TOTAL (UG/L AS B)	07/11/80-07/11/80	1	28.	28.	28.	28.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/11/80-07/11/80	1	23.	23.	23.	23.	0.	0.	**	**	**	**
01037	COBALT, TOTAL (UG/L AS CO)	07/11/80-07/11/80	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	07/11/80-07/11/80	1	13.	13.	13.	13.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	07/11/80-07/11/80	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	07/11/80-07/11/80	1	154.	154.	154.	154.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	07/11/80-07/11/80	1	393.	393.	393.	393.	0.	0.	**	**	**	**
01062	MOLYBDENUM, TOTAL (UG/L AS MO)	07/11/80-07/11/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	07/11/80-07/11/80	1	11.	11.	11.	11.	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	07/11/80-07/11/80	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01082	STRONTIUM, TOTAL (UG/L AS SR)	07/11/80-07/11/80	1	313.	313.	313.	313.	0.	0.	**	**	**	**
01087	VANADIUM, TOTAL (UG/L AS V)	07/11/80-07/11/80	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	07/11/80-07/11/80	1	87.	87.	87.	87.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	07/11/80-07/11/80	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01112	CERIUM, TOTAL (UG/L AS CE)	07/11/80-07/11/80	1	38.	38.	38.	38.	0.	0.	**	**	**	**
01132	LITHIUM, TOTAL (UG/L AS LI)	07/11/80-07/11/80	1	36.	36.	36.	36.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: GRBA0411

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01152	TITANIUM, TOTAL (UG/L AS TI)	07/11/80-07/11/80	1	1647.	1647.	1647.	1647.	0.	0.	**	**	**	**
01162	ZIRCONIUM, TOTAL (UG/L AS ZR)	07/11/80-07/11/80	1	42.	42.	42.	42.	0.	0.	**	**	**	**
01182	LANTHANUM, TOTAL (UG/L AS LA)	07/11/80-07/11/80	1	18.	18.	18.	18.	0.	0.	**	**	**	**
01189	SCANDIUM, TOTAL (UG/L AS SC)	07/11/80-07/11/80	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01203	YTTRIUM, TOTAL (UG/L AS Y)	07/11/80-07/11/80	1	9.	9.	9.	9.	0.	0.	**	**	**	**
01239	NIOBIUM, TOTAL UG/L	07/11/80-07/11/80	1	13.	13.	13.	13.	0.	0.	**	**	**	**
01243	HAFNIUM,TOTAL UG/L	07/11/80-07/11/80	1 ##	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
82033	MAGNESIUM - TOTAL UG/L(AS MG)	07/11/80-07/11/80	1	2110.	2110.	2110.	2110.	0.	0.	**	**	**	**
82364	THORIUM, TOTAL IN WATER UG/L	07/11/80-07/11/80	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: GRBA0411

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------9/15-4/14---------- Obs	Exceed	Prop.	----------4/15-6/14---------- Obs	Exceed	Prop.	----------6/15-9/14---------- Obs	Exceed	Prop.	--------------n/a-------------- Obs	Exceed	Prop.
01007	BARIUM, TOTAL	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	1	0	0.00							1	0	0.00			
		Drinking Water	4.	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	1	1.00							1	1	1.00			
		Drinking Water	15.	1	1	1.00							1	1	1.00			
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01077	SILVER, TOTAL	Fresh Acute	4.1	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: GRBA0412

NPS Station ID: GRBA0412 | LAT/LON: 39.115003/-114.180004 | Agency: 11NPSWRD | Date Created: 05/30/98
Location: EYDH017 | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): GRBA_NURE_159 /7055046
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 16020301 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 0 | Water Body Id:
Minor Basin: GREAT SALT LAKE | ECO Region:
RF1 Index: 16020301 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE LEHMAN CAVES; NV-WHITE PINE CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A SPRING OUTSIDE THE GREAT BASIN NATIONAL PARK BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.45 MICRON FILTER AND ACIDIFIED TO A PH OF ONE WITH NITRIC ACID AT THE SITE. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "SRL" FIELD ENTRY (SAVANNAH RIVER LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE SAVANNAH RIVER LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525. TEL. (970) 225-3516.

Parameter Inventory for Station: GRBA0412

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/11/80-07/11/80	1	0.802	0.802	0.802	0.802	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/11/80-07/11/80	1	9.5	9.5	9.5	9.5	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/11/80-07/11/80	1	2.1	2.1	2.1	2.1	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/11/80-07/11/80	1	0.75	0.75	0.75	0.75	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/11/80-07/11/80	1	1.46	1.46	1.46	1.46	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	07/11/80-07/11/80	1	631.	631.	631.	631.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/11/80-07/11/80	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/11/80-07/11/80	1	33.	33.	33.	33.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/11/80-07/11/80	1	27.	27.	27.	27.	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	07/11/80-07/11/80	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	07/11/80-07/11/80	1	18.	18.	18.	18.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/11/80-07/11/80	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	07/11/80-07/11/80	1	97.	97.	97.	97.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/11/80-07/11/80	1	673.	673.	673.	673.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/11/80-07/11/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	07/11/80-07/11/80	1	15.	15.	15.	15.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	07/11/80-07/11/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/11/80-07/11/80	1	299.	299.	299.	299.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	07/11/80-07/11/80	1	44.	44.	44.	44.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: GRBA0412

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/11/80-07/11/80	1	85.	85.	85.	85.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/11/80-07/11/80	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01110	CERIUM, DISSOLVED (UG/L AS CE)	07/11/80-07/11/80	1	44.	44.	44.	44.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/11/80-07/11/80	1	36.	36.	36.	36.	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/11/80-07/11/80	1	2062.	2062.	2062.	2062.	0.	0.	**	**	**	**
01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/11/80-07/11/80	1	60.	60.	60.	60.	0.	0.	**	**	**	**
01180	LANTHANUM, DISSOLVED (UG/L AS LA)	07/11/80-07/11/80	1	22.	22.	22.	22.	0.	0.	**	**	**	**
01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/11/80-07/11/80	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/11/80-07/11/80	1	12.	12.	12.	12.	0.	0.	**	**	**	**
50576	HAFNIUM, DISSOLVED UG/L	07/11/80-07/11/80	1 ##	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
50580	NIOBIUM, DISSOLVED UG/L	07/11/80-07/11/80	1	16.	16.	16.	16.	0.	0.	**	**	**	**
82365	THORIUM, DISSOLVED IN WATER UG/L	07/11/80-07/11/80	1	8.	8.	8.	8.	0.	0.	**	**	**	**

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EPA Water Quality Criteria Analysis for Station: GRBA0412

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	1	0	0.00							1	0	0.00			
		Drinking Water	4.	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	1	1.00							1	1	1.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	1	1.00							1	1	1.00			
		Drinking Water	15.	1	1	1.00							1	1	1.00			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: GRBA0413

NPS Station ID: GRBA0413
LAT/LON: 39.120004/-114.306004
Agency: 11NPSWRD
Date Created: 05/30/98
Location: EYDG055
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): GRBA_NURE_104 /7055015
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK; NV-WHITE PINE CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A SPRING OUTSIDE THE GREAT BASIN NATIONAL PARK BOUNDARIES. THE SAMPLES ARE ARE UNTREATED SPRING WATER. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "SRL" FIELD ENTRY (SAVANNAH RIVER LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE SAVANNAH RIVER LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525. TEL. (970) 225-3516.

Parameter Inventory for Station: GRBA0413

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00442	PHOSPHOROUS, TOTAL ELEMENTAL MG/L	07/08/80-07/08/80	1	0.57	0.57	0.57	0.57	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	07/08/80-07/08/80	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	07/08/80-07/08/80	1	0.59	0.59	0.59	0.59	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	07/08/80-07/08/80	1	1.25	1.25	1.25	1.25	0.	0.	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS BA)	07/08/80-07/08/80	1	456.	456.	456.	456.	0.	0.	**	**	**	**
01012	BERYLLIUM, TOTAL (UG/L AS BE)	07/08/80-07/08/80	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01022	BORON, TOTAL (UG/L AS B)	07/08/80-07/08/80	1	26.	26.	26.	26.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	07/08/80-07/08/80	1	29.	29.	29.	29.	0.	0.	**	**	**	**
01037	COBALT, TOTAL (UG/L AS CO)	07/08/80-07/08/80	1	7.	7.	7.	7.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	07/08/80-07/08/80	1	13.	13.	13.	13.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	07/08/80-07/08/80	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	07/08/80-07/08/80	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	07/08/80-07/08/80	1	444.	444.	444.	444.	0.	0.	**	**	**	**
01062	MOLYBDENUM, TOTAL (UG/L AS MO)	07/08/80-07/08/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	07/08/80-07/08/80	1	14.	14.	14.	14.	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	07/08/80-07/08/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01082	STRONTIUM, TOTAL (UG/L AS SR)	07/08/80-07/08/80	1	245.	245.	245.	245.	0.	0.	**	**	**	**
01087	VANADIUM, TOTAL (UG/L AS V)	07/08/80-07/08/80	1	53.	53.	53.	53.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	07/08/80-07/08/80	1	56.	56.	56.	56.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	07/08/80-07/08/80	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01112	CERIUM, TOTAL (UG/L AS CE)	07/08/80-07/08/80	1	56.	56.	56.	56.	0.	0.	**	**	**	**
01132	LITHIUM, TOTAL (UG/L AS LI)	07/08/80-07/08/80	1	33.	33.	33.	33.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: GRBA0413

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01152	TITANIUM, TOTAL (UG/L AS TI)	07/08/80-07/08/80	1	2178.	2178.	2178.	2178.	0.	0.	**	**	**	**
01162	ZIRCONIUM, TOTAL (UG/L AS ZR)	07/08/80-07/08/80	1	57.	57.	57.	57.	0.	0.	**	**	**	**
01182	LANTHANUM, TOTAL (UG/L AS LA)	07/08/80-07/08/80	1	29.	29.	29.	29.	0.	0.	**	**	**	**
01189	SCANDIUM, TOTAL (UG/L AS SC)	07/08/80-07/08/80	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01203	YTTRIUM, TOTAL (UG/L AS Y)	07/08/80-07/08/80	1	14.	14.	14.	14.	0.	0.	**	**	**	**
01239	NIOBIUM, TOTAL UG/L	07/08/80-07/08/80	1	16.	16.	16.	16.	0.	0.	**	**	**	**
01243	HAFNIUM,TOTAL UG/L	07/08/80-07/08/80	1 ##	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
82033	MAGNESIUM - TOTAL UG/L(AS MG)	07/08/80-07/08/80	1	730.	730.	730.	730.	0.	0.	**	**	**	**
82364	THORIUM, TOTAL IN WATER UG/L	07/08/80-07/08/80	1	8.	8.	8.	8.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0413

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------9/15-4/14---------- Obs	Exceed	Prop.	----------4/15-6/14---------- Obs	Exceed	Prop.	----------6/15-9/14---------- Obs	Exceed	Prop.	--------------n/a-------------- Obs	Exceed	Prop.
01007	BARIUM, TOTAL	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	1	0	0.00							1	0	0.00			
		Drinking Water	4.	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	15.	1	0	0.00							1	0	0.00			
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01077	SILVER, TOTAL	Fresh Acute	4.1	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: GRBA0414

NPS Station ID: GRBA0414 | LAT/LON: 39.120309/-114.291809 | Agency: 11NPSWRD | Date Created: 05/30/98
Location: EYDG511R | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): GRBA_NURE_111 /5069630
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 16020301 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 0 | Water Body Id:
Minor Basin: GREAT SALT LAKE | ECO Region:
RF1 Index: 16020301 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK; NV-WHITE PINE CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A SPRING OUTSIDE THE GREAT BASIN NATIONAL PARK BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.8 MICRON FILTER OR SMALLER AT THE SITE. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "SRL" FIELD ENTRY (SAVANNAH RIVER LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE SAVANNAH RIVER LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525. TEL. (970) 225-3516.

Parameter Inventory for Station: GRBA0414

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/04/80-07/04/80	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/04/80-07/04/80	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/04/80-07/04/80	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/04/80-07/04/80	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/04/80-07/04/80	1	285.	285.	285.	285.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/04/80-07/04/80	1	15.1	15.1	15.1	15.1	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/04/80-07/04/80	1	26.43	26.43	26.43	26.43	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	07/04/80-07/04/80	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/04/80-07/04/80	1	172.	172.	172.	172.	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	07/04/80-07/04/80	1	1.638	1.638	1.638	1.638	0.	0.	**	**	**	**
50700	FLUORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	07/04/80-07/04/80	1	52.	52.	52.	52.	0.	0.	**	**	**	**
50760	CHLORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	07/04/80-07/04/80	1	38700.	38700.	38700.	38700.	0.	0.	**	**	**	**
50761	BROMINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	07/04/80-07/04/80	1	232.4	232.4	232.4	232.4	0.	0.	**	**	**	**
82331	DYSPROSIUM, DISSOLVED AS DY IN WATER UG/L	07/04/80-07/04/80	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0414

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: GRBA0415

NPS Station ID: GRBA0415 | LAT/LON: 39.120309/-114.292003 | Agency: 11NPSWRD | Date Created: 05/30/98
Location: EYDG511 | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): GRBA_NURE_110 /7071031
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 16020301 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 0 | Water Body Id:
Minor Basin: GREAT SALT LAKE | ECO Region:
RF1 Index: 16020301 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK; NV-WHITE PINE CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A SPRING OUTSIDE THE GREAT BASIN NATIONAL PARK BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.8 MICRON FILTER OR SMALLER AT THE SITE. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "SRL" FIELD ENTRY (SAVANNAH RIVER LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE SAVANNAH RIVER LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525. TEL. (970) 225-3516.

Parameter Inventory for Station: GRBA0415

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/04/80-07/04/80	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/04/80-07/04/80	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/04/80-07/04/80	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/04/80-07/04/80	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/04/80-07/04/80	1	285.	285.	285.	285.	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/04/80-07/04/80	1 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/04/80-07/04/80	1	84.4	84.4	84.4	84.4	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/04/80-07/04/80	1	39.2	39.2	39.2	39.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/04/80-07/04/80	1	48.5	48.5	48.5	48.5	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/04/80-07/04/80	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	07/04/80-07/04/80	1	103.	103.	103.	103.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/04/80-07/04/80	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/04/80-07/04/80	1	31.	31.	31.	31.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/04/80-07/04/80	1	23.	23.	23.	23.	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	07/04/80-07/04/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	07/04/80-07/04/80	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/04/80-07/04/80	1	12.	12.	12.	12.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/04/80-07/04/80	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/04/80-07/04/80	1	59.	59.	59.	59.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: GRBA0415

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01065	NICKEL, DISSOLVED (UG/L AS NI)	07/04/80-07/04/80	1	28.	28.	28.	28.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	07/04/80-07/04/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/04/80-07/04/80	1	338.	338.	338.	338.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	07/04/80-07/04/80	1	26.	26.	26.	26.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/04/80-07/04/80	1	9.	9.	9.	9.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/04/80-07/04/80	1	138.	138.	138.	138.	0.	0.	**	**	**	**
01110	CERIUM, DISSOLVED (UG/L AS CE)	07/04/80-07/04/80	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/04/80-07/04/80	1	60.	60.	60.	60.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	07/04/80-07/04/80	1	3800.	3800.	3800.	3800.	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/04/80-07/04/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/04/80-07/04/80	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/04/80-07/04/80	1	23.	23.	23.	23.	0.	0.	**	**	**	**
01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/04/80-07/04/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0415

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	1	0	0.00							1	0	0.00			
		Drinking Water	4.	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			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: GRBA0416

NPS Station ID: GRBA0416 | LAT/LON: 39.120392/-114.303698 | Agency: 11NPSWRD | Date Created: 05/30/98
Location: EYDG510R | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): GRBA_NURE_108 /5069629
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 16020301 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 0 | Water Body Id:
Minor Basin: GREAT SALT LAKE | ECO Region:
RF1 Index: 16020301 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK; NV-WHITE PINE CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A SPRING OUTSIDE THE GREAT BASIN NATIONAL PARK BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.8 MICRON FILTER OR SMALLER AT THE SITE. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "SRL" FIELD ENTRY (SAVANNAH RIVER LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE SAVANNAH RIVER LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525. TEL. (970) 225-3516.

Parameter Inventory for Station: GRBA0416

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/08/80-07/08/80	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/08/80-07/08/80	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/08/80-07/08/80	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/08/80-07/08/80	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/08/80-07/08/80	1	115.	115.	115.	115.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/08/80-07/08/80	1	8.7	8.7	8.7	8.7	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/08/80-07/08/80	1	16.57	16.57	16.57	16.57	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/08/80-07/08/80	1	25.	25.	25.	25.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	07/08/80-07/08/80	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/08/80-07/08/80	1	83.	83.	83.	83.	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	07/08/80-07/08/80	1	1.786	1.786	1.786	1.786	0.	0.	**	**	**	**
50760	CHLORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	07/08/80-07/08/80	1	32900.	32900.	32900.	32900.	0.	0.	**	**	**	**
50761	BROMINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	07/08/80-07/08/80	1	202.	202.	202.	202.	0.	0.	**	**	**	**
82331	DYSPROSIUM, DISSOLVED AS DY IN WATER UG/L	07/08/80-07/08/80	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0416

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: GRBA0417

NPS Station ID: GRBA0417 | LAT/LON: 39.120392/-114.304003 | Agency: 11NPSWRD | Date Created: 05/30/98
Location: EYDG510 | | FIPS State/County: 32033 NEVADA/WHITE PINE |
Station Type: /TYPA/AMBNT/SPRING | | STORET Station ID(s): GRBA_NURE_109 /7071030 |
RMI-Indexes: | | Within Park Boundary: No |
RMI-Miles: | | |
HUC: 16020301 | Depth of Water: 0 | Aquifer: |
Major Basin: GREAT BASIN | Elevation: 0 | Water Body Id: |
Minor Basin: GREAT SALT LAKE | | ECO Region: |
RF1 Index: 16020301 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:

Description:
THE STATION IS LOCATED ON THE WINDY PEAK; NV-WHITE PINE CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A SPRING OUTSIDE THE GREAT BASIN NATIONAL PARK BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.8 MICRON FILTER OR SMALLER AT THE SITE. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "SRL" FIELD ENTRY (SAVANNAH RIVER LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE SAVANNAH RIVER LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525. TEL. (970) 225-3516.

Parameter Inventory for Station: GRBA0417

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/08/80-07/08/80	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/08/80-07/08/80	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/08/80-07/08/80	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/08/80-07/08/80	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/08/80-07/08/80	1	115.	115.	115.	115.	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/08/80-07/08/80	1 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/08/80-07/08/80	1	30.7	30.7	30.7	30.7	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/08/80-07/08/80	1	23.6	23.6	23.6	23.6	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/08/80-07/08/80	1	21.3	21.3	21.3	21.3	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/08/80-07/08/80	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	07/08/80-07/08/80	1	67.	67.	67.	67.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/08/80-07/08/80	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/08/80-07/08/80	1	8.	8.	8.	8.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/08/80-07/08/80	1	21.	21.	21.	21.	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	07/08/80-07/08/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	07/08/80-07/08/80	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/08/80-07/08/80	1	43.	43.	43.	43.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/08/80-07/08/80	1	7.	7.	7.	7.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/08/80-07/08/80	1	41.	41.	41.	41.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: GRBA0417

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01065	NICKEL, DISSOLVED (UG/L AS NI)	07/08/80-07/08/80	1	12.	12.	12.	12.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	07/08/80-07/08/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/08/80-07/08/80	1	158.	158.	158.	158.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	07/08/80-07/08/80	1	26.	26.	26.	26.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/08/80-07/08/80	1	14.	14.	14.	14.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/08/80-07/08/80	1	84.	84.	84.	84.	0.	0.	**	**	**	**
01110	CERIUM, DISSOLVED (UG/L AS CE)	07/08/80-07/08/80	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/08/80-07/08/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	07/08/80-07/08/80	1	700.	700.	700.	700.	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/08/80-07/08/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/08/80-07/08/80	1	9.	9.	9.	9.	0.	0.	**	**	**	**
01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/08/80-07/08/80	1	21.	21.	21.	21.	0.	0.	**	**	**	**
01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/08/80-07/08/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0417

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	1	0	0.00							1	0	0.00			
		Drinking Water	4.	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			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: GRBA0418

NPS Station ID: GRBA0418
LAT/LON: 39.122003/-114.344003
Agency: 11NPSWRD
Date Created: 05/30/98
Location: EYDG067
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): GRBA_NURE_106 /7055024
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE WINDY PEAK; NV-WHITE PINE CO. 1:24000 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A SPRING OUTSIDE THE GREAT BASIN NATIONAL PARK BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.45 MICRON FILTER AND ACIDIFIED TO A PH OF ONE WITH NITRIC ACID AT THE SITE. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "SRL" FIELD ENTRY (SAVANNAH RIVER LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE SAVANNAH RIVER LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525. TEL. (970) 225-3516.

Parameter Inventory for Station: GRBA0418

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/08/80-07/08/80	1	0.727	0.727	0.727	0.727	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/08/80-07/08/80	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/08/80-07/08/80	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/08/80-07/08/80	1	1.16	1.16	1.16	1.16	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/08/80-07/08/80	1	2.23	2.23	2.23	2.23	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	07/08/80-07/08/80	1	653.	653.	653.	653.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/08/80-07/08/80	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/08/80-07/08/80	1	32.	32.	32.	32.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/08/80-07/08/80	1	33.	33.	33.	33.	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	07/08/80-07/08/80	1	7.	7.	7.	7.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	07/08/80-07/08/80	1	290.	290.	290.	290.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/08/80-07/08/80	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	07/08/80-07/08/80	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/08/80-07/08/80	1	440.	440.	440.	440.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/08/80-07/08/80	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	07/08/80-07/08/80	1	15.	15.	15.	15.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	07/08/80-07/08/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/08/80-07/08/80	1	232.	232.	232.	232.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	07/08/80-07/08/80	1	57.	57.	57.	57.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: GRBA0418

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/08/80-07/08/80	1	92.	92.	92.	92.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/08/80-07/08/80	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01110	CERIUM, DISSOLVED (UG/L AS CE)	07/08/80-07/08/80	1	54.	54.	54.	54.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/08/80-07/08/80	1	33.	33.	33.	33.	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/08/80-07/08/80	1	2669.	2669.	2669.	2669.	0.	0.	**	**	**	**
01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/08/80-07/08/80	1	70.	70.	70.	70.	0.	0.	**	**	**	**
01180	LANTHANUM, DISSOLVED (UG/L AS LA)	07/08/80-07/08/80	1	28.	28.	28.	28.	0.	0.	**	**	**	**
01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/08/80-07/08/80	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/08/80-07/08/80	1	13.	13.	13.	13.	0.	0.	**	**	**	**
50576	HAFNIUM, DISSOLVED UG/L	07/08/80-07/08/80	1 ##	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
50580	NIOBIUM, DISSOLVED UG/L	07/08/80-07/08/80	1	12.	12.	12.	12.	0.	0.	**	**	**	**
82365	THORIUM, DISSOLVED IN WATER UG/L	07/08/80-07/08/80	1	10.	10.	10.	10.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0418

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	1	0	0.00							1	0	0.00			
		Drinking Water	4.	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	1	1.00							1	1	1.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00							1	0	0.00			
		Drinking Water	15.	1	1	1.00							1	1	1.00			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: GRBA0419

NPS Station ID: GRBA0419 | LAT/LON: 39.125005/-114.288004 | Agency: 11NPSWRD | Date Created: 05/30/98
Location: EYDG058 | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): GRBA_NURE_112 /7055017
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 16020301 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 0 | Water Body Id:
Minor Basin: GREAT SALT LAKE | ECO Region:
RF1 Index: 16020301 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE SACRAMENTO PASS; NV-WHITE PINE CO. 1:2400 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A SPRING OUTSIDE THE GREAT BASIN NATIONAL PARK BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.45 MICRON FILTER AND ACIDIFIED TO A PH OF ONE WITH NITRIC ACID AT THE SITE. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "SRL" FIELD ENTRY (SAVANNAH RIVER LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE SAVANNAH RIVER LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525.
TEL. (970) 225-3516.

Parameter Inventory for Station: GRBA0419

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/04/80-07/04/80	1	0.567	0.567	0.567	0.567	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/04/80-07/04/80	1	10.7	10.7	10.7	10.7	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/04/80-07/04/80	1	2.1	2.1	2.1	2.1	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/04/80-07/04/80	1	0.56	0.56	0.56	0.56	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/04/80-07/04/80	1	1.16	1.16	1.16	1.16	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	07/04/80-07/04/80	1	389.	389.	389.	389.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/04/80-07/04/80	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/04/80-07/04/80	1	19.	19.	19.	19.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/04/80-07/04/80	1	29.	29.	29.	29.	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	07/04/80-07/04/80	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	07/04/80-07/04/80	1	12.	12.	12.	12.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/04/80-07/04/80	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	07/04/80-07/04/80	1	13.	13.	13.	13.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/04/80-07/04/80	1	312.	312.	312.	312.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/04/80-07/04/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	07/04/80-07/04/80	1	12.	12.	12.	12.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	07/04/80-07/04/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/04/80-07/04/80	1	237.	237.	237.	237.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	07/04/80-07/04/80	1	45.	45.	45.	45.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: GRBA0419

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/04/80-07/04/80	1	47.	47.	47.	47.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/04/80-07/04/80	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01110	CERIUM, DISSOLVED (UG/L AS CE)	07/04/80-07/04/80	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/04/80-07/04/80	1	36.	36.	36.	36.	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/04/80-07/04/80	1	1984.	1984.	1984.	1984.	0.	0.	**	**	**	**
01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/04/80-07/04/80	1	54.	54.	54.	54.	0.	0.	**	**	**	**
01180	LANTHANUM, DISSOLVED (UG/L AS LA)	07/04/80-07/04/80	1	21.	21.	21.	21.	0.	0.	**	**	**	**
01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/04/80-07/04/80	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/04/80-07/04/80	1	11.	11.	11.	11.	0.	0.	**	**	**	**
50576	HAFNIUM, DISSOLVED UG/L	07/04/80-07/04/80	1 ##	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
50580	NIOBIUM, DISSOLVED UG/L	07/04/80-07/04/80	1	16.	16.	16.	16.	0.	0.	**	**	**	**
82365	THORIUM, DISSOLVED IN WATER UG/L	07/04/80-07/04/80	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: GRBA0419

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	1	0	0.00							1	0	0.00			
		Drinking Water	4.	1	0	0.00							1	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00							1	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00							1	0	0.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00							1	0	0.00			
		Drinking Water	15.	1	0	0.00							1	0	0.00			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: GRBA0420

NPS Station ID: GRBA0420
LAT/LON: 39.126503/-114.287003
Agency: 11NPSWRD
Date Created: 05/30/98
Location: EYDG512
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): GRBA_NURE_103 /7071032
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE SACRAMENTO PASS; NV-WHITE PINE CO. 1:2400 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A SPRING OUTSIDE THE GREAT BASIN NATIONAL PARK BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.8 MICRON FILTER OR SMALLER AT THE SITE. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "SRL" FIELD ENTRY (SAVANNAH RIVER LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE SAVANNAH RIVER LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525. TEL. (970) 225-3516.

Parameter Inventory for Station: GRBA0420

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/04/80-07/04/80	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/04/80-07/04/80	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/04/80-07/04/80	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/04/80-07/04/80	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/04/80-07/04/80	1	310.	310.	310.	310.	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/04/80-07/04/80	1 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/04/80-07/04/80	1	81.8	81.8	81.8	81.8	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/04/80-07/04/80	1	74.7	74.7	74.7	74.7	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/04/80-07/04/80	1	96.9	96.9	96.9	96.9	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/04/80-07/04/80	1	3.3	3.3	3.3	3.3	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	07/04/80-07/04/80	1	58.	58.	58.	58.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/04/80-07/04/80	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/04/80-07/04/80	1	57.	57.	57.	57.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/04/80-07/04/80	1	29.	29.	29.	29.	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	07/04/80-07/04/80	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	07/04/80-07/04/80	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/04/80-07/04/80	1	36.	36.	36.	36.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/04/80-07/04/80	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/04/80-07/04/80	1	41.	41.	41.	41.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: GRBA0420

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01065	NICKEL, DISSOLVED (UG/L AS NI)	07/04/80-07/04/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	07/04/80-07/04/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/04/80-07/04/80	1	468.	468.	468.	468.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	07/04/80-07/04/80	1	25.	25.	25.	25.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/04/80-07/04/80	1	25.	25.	25.	25.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/04/80-07/04/80	1	274.	274.	274.	274.	0.	0.	**	**	**	**
01110	CERIUM, DISSOLVED (UG/L AS CE)	07/04/80-07/04/80	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/04/80-07/04/80	1	47.	47.	47.	47.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	07/04/80-07/04/80	1	2200.	2200.	2200.	2200.	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/04/80-07/04/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/04/80-07/04/80	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/04/80-07/04/80	1	19.	19.	19.	19.	0.	0.	**	**	**	**
01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/04/80-07/04/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0420

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	1	0	0.00							1	0	0.00			
		Drinking Water	4.	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			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: GRBA0421

NPS Station ID: GRBA0421 | LAT/LON: 39.126503/-114.287503 | Agency: 11NPSWRD | Date Created: 05/30/98
Location: EYDG512R | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): GRBA_NURE_113 /5069631
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 16020301 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 0 | Water Body Id:
Minor Basin: GREAT SALT LAKE | ECO Region:
RF1 Index: 16020301 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE SACRAMENTO PASS; NV-WHITE PINE CO. 1:2400 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A SPRING OUTSIDE THE GREAT BASIN NATIONAL PARK BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.8 MICRON FILTER OR SMALLER AT THE SITE. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "SRL" FIELD ENTRY (SAVANNAH RIVER LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE SAVANNAH RIVER LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525. TEL. (970) 225-3516.

Parameter Inventory for Station: GRBA0421

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/04/80-07/04/80	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/04/80-07/04/80	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/04/80-07/04/80	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/04/80-07/04/80	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/04/80-07/04/80	1	310.	310.	310.	310.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/04/80-07/04/80	1	27.6	27.6	27.6	27.6	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/04/80-07/04/80	1	20.21	20.21	20.21	20.21	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	07/04/80-07/04/80	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/04/80-07/04/80	1 ##	39.5	39.5	39.5	39.5	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	07/04/80-07/04/80	1	3.17	3.17	3.17	3.17	0.	0.	**	**	**	**
50760	CHLORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	07/04/80-07/04/80	1	78400.	78400.	78400.	78400.	0.	0.	**	**	**	**
50761	BROMINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	07/04/80-07/04/80	1	503.1	503.1	503.1	503.1	0.	0.	**	**	**	**
82331	DYSPROSIUM, DISSOLVED AS DY IN WATER UG/L	07/04/80-07/04/80	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0421

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: GRBA0422

NPS Station ID: GRBA0422
LAT/LON: 39.128003/-114.232003
Agency: 11NPSWRD
Date Created: 05/30/98
Location: EYDH019
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): GRBA_NURE_120 /7055048
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE OLD MANS CANYON; NV-WHITE PINE CO. 1:2400 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A SPRING OUTSIDE THE GREAT BASIN NATIONAL PARK BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.45 MICRON FILTER AND ACIDIFIED TO A PH OF ONE WITH NITRIC ACID AT THE SITE. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "SRL" FIELD ENTRY (SAVANNAH RIVER LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE SAVANNAH RIVER LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525. TEL. (970) 225-3516.

Parameter Inventory for Station: GRBA0422

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/11/80-07/11/80	1	0.478	0.478	0.478	0.478	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/11/80-07/11/80	1	13.6	13.6	13.6	13.6	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/11/80-07/11/80	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/11/80-07/11/80	1	0.54	0.54	0.54	0.54	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/11/80-07/11/80	1	0.98	0.98	0.98	0.98	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	07/11/80-07/11/80	1	399.	399.	399.	399.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/11/80-07/11/80	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/11/80-07/11/80	1	12.	12.	12.	12.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/11/80-07/11/80	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	07/11/80-07/11/80	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	07/11/80-07/11/80	1	14.	14.	14.	14.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/11/80-07/11/80	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	07/11/80-07/11/80	1	13.	13.	13.	13.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/11/80-07/11/80	1	429.	429.	429.	429.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/11/80-07/11/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	07/11/80-07/11/80	1	9.	9.	9.	9.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	07/11/80-07/11/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/11/80-07/11/80	1	349.	349.	349.	349.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	07/11/80-07/11/80	1	36.	36.	36.	36.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: GRBA0422

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/11/80-07/11/80	1	44.	44.	44.	44.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/11/80-07/11/80	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01110	CERIUM, DISSOLVED (UG/L AS CE)	07/11/80-07/11/80	1	41.	41.	41.	41.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/11/80-07/11/80	1	32.	32.	32.	32.	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/11/80-07/11/80	1	1705.	1705.	1705.	1705.	0.	0.	**	**	**	**
01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/11/80-07/11/80	1	44.	44.	44.	44.	0.	0.	**	**	**	**
01180	LANTHANUM, DISSOLVED (UG/L AS LA)	07/11/80-07/11/80	1	19.	19.	19.	19.	0.	0.	**	**	**	**
01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/11/80-07/11/80	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/11/80-07/11/80	1	10.	10.	10.	10.	0.	0.	**	**	**	**
50576	HAFNIUM, DISSOLVED UG/L	07/11/80-07/11/80	1 ##	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
50580	NIOBIUM, DISSOLVED UG/L	07/11/80-07/11/80	1	15.	15.	15.	15.	0.	0.	**	**	**	**
82365	THORIUM, DISSOLVED IN WATER UG/L	07/11/80-07/11/80	1	8.	8.	8.	8.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0422

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	1	0	0.00							1	0	0.00			
		Drinking Water	4.	1	0	0.00							1	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00							1	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00							1	0	0.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00							1	0	0.00			
		Drinking Water	15.	1	0	0.00							1	0	0.00			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: GRBA0423

NPS Station ID: GRBA0423
LAT/LON: 39.153003/-114.307003
Agency: 11NPSWRD
Date Created: 05/30/98
Location: EYDG060
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): GRBA_NURE_114 /7055018
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE SACRAMENTO PASS; NV-WHITE PINE CO. 1:2400 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A SPRING OUTSIDE THE GREAT BASIN NATIONAL PARK BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.45 MICRON FILTER AND ACIDIFIED TO A PH OF ONE WITH NITRIC ACID AT THE SITE. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "SRL" FIELD ENTRY (SAVANNAH RIVER LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE SAVANNAH RIVER LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525. TEL. (970) 225-3516.

Parameter Inventory for Station: GRBA0423

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/04/80-07/04/80	1	0.424	0.424	0.424	0.424	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/04/80-07/04/80	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/04/80-07/04/80	1	2.4	2.4	2.4	2.4	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/04/80-07/04/80	1	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/04/80-07/04/80	1	1.06	1.06	1.06	1.06	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	07/04/80-07/04/80	1	303.	303.	303.	303.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/04/80-07/04/80	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/04/80-07/04/80	1	36.	36.	36.	36.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/04/80-07/04/80	1	24.	24.	24.	24.	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	07/04/80-07/04/80	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	07/04/80-07/04/80	1	14.	14.	14.	14.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/04/80-07/04/80	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	07/04/80-07/04/80	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/04/80-07/04/80	1	499.	499.	499.	499.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/04/80-07/04/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	07/04/80-07/04/80	1	13.	13.	13.	13.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	07/04/80-07/04/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/04/80-07/04/80	1	702.	702.	702.	702.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	07/04/80-07/04/80	1	46.	46.	46.	46.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: GRBA0423

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/04/80-07/04/80	1	43.	43.	43.	43.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/04/80-07/04/80	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01110	CERIUM, DISSOLVED (UG/L AS CE)	07/04/80-07/04/80	1	32.	32.	32.	32.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/04/80-07/04/80	1	446.	446.	446.	446.	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/04/80-07/04/80	1	1599.	1599.	1599.	1599.	0.	0.	**	**	**	**
01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/04/80-07/04/80	1	44.	44.	44.	44.	0.	0.	**	**	**	**
01180	LANTHANUM, DISSOLVED (UG/L AS LA)	07/04/80-07/04/80	1	16.	16.	16.	16.	0.	0.	**	**	**	**
01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/04/80-07/04/80	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/04/80-07/04/80	1	9.	9.	9.	9.	0.	0.	**	**	**	**
50576	HAFNIUM, DISSOLVED UG/L	07/04/80-07/04/80	1 ##	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
50580	NIOBIUM, DISSOLVED UG/L	07/04/80-07/04/80	1	15.	15.	15.	15.	0.	0.	**	**	**	**
82365	THORIUM, DISSOLVED IN WATER UG/L	07/04/80-07/04/80	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: GRBA0423

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	1	0	0.00							1	0	0.00			
		Drinking Water	4.	1	0	0.00							1	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00							1	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00							1	0	0.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00							1	0	0.00			
		Drinking Water	15.	1	0	0.00							1	0	0.00			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: GRBA0424

NPS Station ID: GRBA0424 | LAT/LON: 39.158503/-114.292504 | Agency: 11NPSWRD | Date Created: 05/30/98
Location: EYDG513R | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): GRBA_NURE_116 /5069632
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 16020301 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 0 | Water Body Id:
Minor Basin: GREAT SALT LAKE | ECO Region:
RF1 Index: 16020301 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE SACRAMENTO PASS; NV-WHITE PINE CO. 1:2400 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A SPRING OUTSIDE THE GREAT BASIN NATIONAL PARK BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.8 MICRON FILTER OR SMALLER AT THE SITE. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "SRL" FIELD ENTRY (SAVANNAH RIVER LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE SAVANNAH RIVER LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525. TEL. (970) 225-3516.

Parameter Inventory for Station: GRBA0424

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/08/80-07/08/80	1	21.	21.	21.	21.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/08/80-07/08/80	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/08/80-07/08/80	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/08/80-07/08/80	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/08/80-07/08/80	1	270.	270.	270.	270.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/08/80-07/08/80	1	23.2	23.2	23.2	23.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/08/80-07/08/80	1	13.6	13.6	13.6	13.6	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	07/08/80-07/08/80	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/08/80-07/08/80	1 ##	39.5	39.5	39.5	39.5	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	07/08/80-07/08/80	1	3.472	3.472	3.472	3.472	0.	0.	**	**	**	**
50760	CHLORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	07/08/80-07/08/80	1	22000.	22000.	22000.	22000.	0.	0.	**	**	**	**
50761	BROMINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	07/08/80-07/08/80	1	257.1	257.1	257.1	257.1	0.	0.	**	**	**	**
82331	DYSPROSIUM, DISSOLVED AS DY IN WATER UG/L	07/08/80-07/08/80	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**

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EPA Water Quality Criteria Analysis for Station: GRBA0424

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: GRBA0425

NPS Station ID: GRBA0425 | LAT/LON: 39.158503/-114.293003 | Agency: 11NPSWRD | Date Created: 05/30/98
Location: EYDG513 | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): GRBA_NURE_117 /7071033
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 16020301 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 0 | Water Body Id:
Minor Basin: GREAT SALT LAKE | ECO Region:
RF1 Index: 16020301 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE SACRAMENTO PASS; NV-WHITE PINE CO. 1:2400 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A SPRING OUTSIDE THE GREAT BASIN NATIONAL PARK BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.8 MICRON FILTER OR SMALLER AT THE SITE. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "SRL" FIELD ENTRY (SAVANNAH RIVER LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE SAVANNAH RIVER LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525. TEL. (970) 225-3516.

Parameter Inventory for Station: GRBA0425

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/08/80-07/08/80	1	21.	21.	21.	21.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/08/80-07/08/80	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/08/80-07/08/80	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/08/80-07/08/80	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/08/80-07/08/80	1	270.	270.	270.	270.	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/08/80-07/08/80	1 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/08/80-07/08/80	1	40.1	40.1	40.1	40.1	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/08/80-07/08/80	1	54.5	54.5	54.5	54.5	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/08/80-07/08/80	1	23.	23.	23.	23.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/08/80-07/08/80	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	07/08/80-07/08/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/08/80-07/08/80	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/08/80-07/08/80	1	19.	19.	19.	19.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/08/80-07/08/80	1	35.	35.	35.	35.	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	07/08/80-07/08/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	07/08/80-07/08/80	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/08/80-07/08/80	1	17.	17.	17.	17.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/08/80-07/08/80	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/08/80-07/08/80	1	75.	75.	75.	75.	0.	0.	**	**	**	**

** - Less than 9 observations ## - 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: GRBA0425

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01065	NICKEL, DISSOLVED (UG/L AS NI)	07/08/80-07/08/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	07/08/80-07/08/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/08/80-07/08/80	1	263.	263.	263.	263.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	07/08/80-07/08/80	1	23.	23.	23.	23.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/08/80-07/08/80	1	12.	12.	12.	12.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/08/80-07/08/80	1	190.	190.	190.	190.	0.	0.	**	**	**	**
01110	CERIUM, DISSOLVED (UG/L AS CE)	07/08/80-07/08/80	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/08/80-07/08/80	1	8.	8.	8.	8.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	07/08/80-07/08/80	1	2300.	2300.	2300.	2300.	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/08/80-07/08/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/08/80-07/08/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/08/80-07/08/80	1	19.	19.	19.	19.	0.	0.	**	**	**	**
01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/08/80-07/08/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0425

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	1	0	0.00							1	0	0.00			
		Drinking Water	4.	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			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: GRBA0426

NPS Station ID: GRBA0426
LAT/LON: 39.158892/-114.268004
Agency: 11NPSWRD
Date Created: 05/30/98
Location: EYDG515
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): GRBA_NURE_130 /7071035
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE SACRAMENTO PASS; NV-WHITE PINE CO. 1:2400 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A SPRING OUTSIDE THE GREAT BASIN NATIONAL PARK BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.8 MICRON FILTER OR SMALLER AT THE SITE. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "SRL" FIELD ENTRY (SAVANNAH RIVER LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE SAVANNAH RIVER LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525. TEL. (970) 225-3516.

Parameter Inventory for Station: GRBA0426

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/04/80-07/04/80	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/04/80-07/04/80	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/04/80-07/04/80	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/04/80-07/04/80	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/04/80-07/04/80	1	280.	280.	280.	280.	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/04/80-07/04/80	1 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/04/80-07/04/80	1	77.4	77.4	77.4	77.4	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/04/80-07/04/80	1	58.9	58.9	58.9	58.9	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/04/80-07/04/80	1	33.2	33.2	33.2	33.2	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/04/80-07/04/80	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	07/04/80-07/04/80	1	91.	91.	91.	91.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/04/80-07/04/80	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/04/80-07/04/80	1	39.	39.	39.	39.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/04/80-07/04/80	1	28.	28.	28.	28.	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	07/04/80-07/04/80	1	7.	7.	7.	7.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	07/04/80-07/04/80	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/04/80-07/04/80	1	32.	32.	32.	32.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/04/80-07/04/80	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/04/80-07/04/80	1	7.	7.	7.	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: GRBA0426

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01065	NICKEL, DISSOLVED (UG/L AS NI)	07/04/80-07/04/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	07/04/80-07/04/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/04/80-07/04/80	1	405.	405.	405.	405.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	07/04/80-07/04/80	1	21.	21.	21.	21.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/04/80-07/04/80	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/04/80-07/04/80	1	210.	210.	210.	210.	0.	0.	**	**	**	**
01110	CERIUM, DISSOLVED (UG/L AS CE)	07/04/80-07/04/80	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/04/80-07/04/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01140	SILICON, DISSOLVED (UG/L AS SI)	07/04/80-07/04/80	1	2900.	2900.	2900.	2900.	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/04/80-07/04/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/04/80-07/04/80	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/04/80-07/04/80	1	22.	22.	22.	22.	0.	0.	**	**	**	**
01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/04/80-07/04/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0426

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	1	0	0.00							1	0	0.00			
		Drinking Water	4.	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			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: GRBA0427

NPS Station ID: GRBA0427 | LAT/LON: 39.158892/-114.268198 | Agency: 11NPSWRD | Date Created: 05/30/98
Location: EYDG515R | FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): GRBA_NURE_129 /5069634
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 16020301 | Depth of Water: 0 | Aquifer:
Major Basin: GREAT BASIN | Elevation: 0 | Water Body Id:
Minor Basin: GREAT SALT LAKE | ECO Region:
RF1 Index: 16020301 | RF1 Mile Point: 0.000 | Distance from RF1: 1.00 | On/Off RF1:
RF3 Index: 16020301119900.00 | RF3 Mile Point: 1.19 | Distance from RF3: 0.13 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE SACRAMENTO PASS; NV-WHITE PINE CO. 1:2400 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A SPRING OUTSIDE THE GREAT BASIN NATIONAL PARK BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.8 MICRON FILTER OR SMALLER AT THE SITE. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "SRL" FIELD ENTRY (SAVANNAH RIVER LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE SAVANNAH RIVER LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525. TEL. (970) 225-3516.

Parameter Inventory for Station: GRBA0427

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/04/80-07/04/80	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/04/80-07/04/80	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/04/80-07/04/80	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/04/80-07/04/80	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/04/80-07/04/80	1	280.	280.	280.	280.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/04/80-07/04/80	1	21.1	21.1	21.1	21.1	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/04/80-07/04/80	1	18.38	18.38	18.38	18.38	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	07/04/80-07/04/80	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/04/80-07/04/80	1 ##	39.5	39.5	39.5	39.5	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	07/04/80-07/04/80	1	1.74	1.74	1.74	1.74	0.	0.	**	**	**	**
50760	CHLORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	07/04/80-07/04/80	1	16700.	16700.	16700.	16700.	0.	0.	**	**	**	**
50761	BROMINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	07/04/80-07/04/80	1	143.7	143.7	143.7	143.7	0.	0.	**	**	**	**
82331	DYSPROSIUM, DISSOLVED AS DY IN WATER UG/L	07/04/80-07/04/80	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: GRBA0427

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: GRBA0428

NPS Station ID: GRBA0428
LAT/LON: 39.159003/-114.267004
Agency: 11NPSWRD
Date Created: 05/30/98
Location: EYDG065
FIPS State/County: 32033 NEVADA/WHITE PINE
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): GRBA_NURE_128 /7055022
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 16020301
Depth of Water: 0
Aquifer:
Major Basin: GREAT BASIN
Elevation: 0
Water Body Id:
Minor Basin: GREAT SALT LAKE
ECO Region:
RF1 Index: 16020301
RF1 Mile Point: 0.000
Distance from RF1: 1.00
On/Off RF1:
RF3 Index: 16020301119900.00
RF3 Mile Point: 1.19
Distance from RF3: 0.13
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE SACRAMENTO PASS; NV-WHITE PINE CO. 1:2400 SERIES USGS TOPOGRAPHIC QUADRANGLE. THE SITE IS LOCATED ON A SPRING OUTSIDE THE GREAT BASIN NATIONAL PARK BOUNDARIES. THE SAMPLES ARE FILTERED THROUGH A 0.45 MICRON FILTER AND ACIDIFIED TO A PH OF ONE WITH NITRIC ACID AT THE SITE. DATA ARE FROM THE "U.S. GEOLOGICAL SURVEY; NATIONAL GEOCHEMICAL DATA BASE; NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" FIELD ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "SRL" FIELD ENTRY (SAVANNAH RIVER LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY THE SAVANNAH RIVER LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARY BETH TALTY OF NPS-WRD FORT COLLINS; CO 80525. TEL. (970) 225-3516.

Parameter Inventory for Station: GRBA0428

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/08/80-07/08/80	1	1.237	1.237	1.237	1.237	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/08/80-07/08/80	1	15.4	15.4	15.4	15.4	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/08/80-07/08/80	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/08/80-07/08/80	1	0.44	0.44	0.44	0.44	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/08/80-07/08/80	1	1.02	1.02	1.02	1.02	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	07/08/80-07/08/80	1	310.	310.	310.	310.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	07/08/80-07/08/80	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/08/80-07/08/80	1	36.	36.	36.	36.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/08/80-07/08/80	1	19.	19.	19.	19.	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	07/08/80-07/08/80	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	07/08/80-07/08/80	1	14.	14.	14.	14.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/08/80-07/08/80	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	07/08/80-07/08/80	1	29.	29.	29.	29.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/08/80-07/08/80	1	438.	438.	438.	438.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/08/80-07/08/80	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	07/08/80-07/08/80	1	9.	9.	9.	9.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	07/08/80-07/08/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/08/80-07/08/80	1	382.	382.	382.	382.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	07/08/80-07/08/80	1	29.	29.	29.	29.	0.	0.	**	**	**	**

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Parameter Inventory for Station: GRBA0428

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/08/80-07/08/80	1	63.	63.	63.	63.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/08/80-07/08/80	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01110	CERIUM, DISSOLVED (UG/L AS CE)	07/08/80-07/08/80	1	34.	34.	34.	34.	0.	0.	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	07/08/80-07/08/80	1	32.	32.	32.	32.	0.	0.	**	**	**	**
01150	TITANIUM, DISSOLVED (UG/L AS TI)	07/08/80-07/08/80	1	1269.	1269.	1269.	1269.	0.	0.	**	**	**	**
01160	ZIRCONIUM, DISSOLVED (UG/L AS ZR)	07/08/80-07/08/80	1	38.	38.	38.	38.	0.	0.	**	**	**	**
01180	LANTHANUM, DISSOLVED (UG/L AS LA)	07/08/80-07/08/80	1	15.	15.	15.	15.	0.	0.	**	**	**	**
01187	SCANDIUM, DISSOLVED (UG/L AS SC)	07/08/80-07/08/80	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01201	YTTRIUM, DISSOLVED (UG/L AS Y)	07/08/80-07/08/80	1	9.	9.	9.	9.	0.	0.	**	**	**	**
50576	HAFNIUM, DISSOLVED UG/L	07/08/80-07/08/80	1 ##	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
50580	NIOBIUM, DISSOLVED UG/L	07/08/80-07/08/80	1	17.	17.	17.	17.	0.	0.	**	**	**	**
82365	THORIUM, DISSOLVED IN WATER UG/L	07/08/80-07/08/80	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: GRBA0428

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	1	0	0.00							1	0	0.00			
		Drinking Water	4.	1	0	0.00							1	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00							1	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00							1	0	0.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00							1	0	0.00			
		Drinking Water	15.	1	1	1.00							1	1	1.00			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			

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

EPA Water Quality Criteria Analysis for Entire GRBA Study Area

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	12	0	0.00	10	0	0.00				2	0	0.00			
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	89	0	0.00	3	0	0.00	71	0	0.00	15	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	11	0	0.00	10	0	0.00				1	0	0.00			
00400	PH	Fresh Chronic	9.	393	1	0.00	133	0	0.00	142	1	0.01	118	0	0.00			
		Other-Lo Lim.	6.5	393	71	0.18	133	60	0.45	142	2	0.01	118	9	0.08			
00403	PH, LAB	Fresh Chronic	9.	54	1	0.02	16	0	0.00	1	0	0.00	37	1	0.03			
		Other-Lo Lim.	6.5	54	0	0.00	16	0	0.00	1	0	0.00	37	0	0.00			
00406	PH, FIELD	Fresh Chronic	9.	640	3	0.00	322	3	0.01	102	0	0.00	216	0	0.00			
		Other-Lo Lim.	6.5	640	38	0.06	322	0	0.00	102	1	0.01	216	37	0.17			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	8	0	0.00	7	0	0.00				1	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00	2	0	0.00									
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	15	0	0.00	7	0	0.00				8	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	49	0	0.00	7	0	0.00	27	0	0.00	15	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	28	0	0.00	4	0	0.00				24	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 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.	65	0	0.00	16	0	0.00	6	0	0.00	43	0	0.00			
		Drinking Water	250.	65	0	0.00	16	0	0.00	6	0	0.00	43	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	47	0	0.00	13	0	0.00	25	0	0.00	9	0	0.00			
		Drinking Water	250.	47	0	0.00	13	0	0.00	25	0	0.00	9	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	20	0	0.00	5	0	0.00	3	0	0.00	12	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	62	0	0.00	15	0	0.00	25	0	0.00	22	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00			
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	6	0	0.00	1	0	0.00	1	0	0.00	4	0	0.00			
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	53	0	0.00	8	0	0.00	25	0	0.00	20	0	0.00			
		Drinking Water	50.	53	0	0.00	8	0	0.00	25	0	0.00	20	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	15	0	0.00	10	0	0.00	1	0	0.00	4	0	0.00			
		Drinking Water	50.	15	0	0.00	10	0	0.00	1	0	0.00	4	0	0.00			
01005	BARIUM, DISSOLVED	Drinking Water	2000.	99	1	0.01	8	0	0.00	25	0	0.00	66	1	0.02			
01007	BARIUM, TOTAL	Drinking Water	2000.	21	0	0.00	10	0	0.00	1	0	0.00	10	0	0.00			
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	98	0	0.00	8	0	0.00	24	0	0.00	66	0	0.00			
		Drinking Water	4.	98	0	0.00	8	0	0.00	24	0	0.00	66	0	0.00			
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	6	0	0.00							6	0	0.00			
		Drinking Water	4.	6	0	0.00							6	0	0.00			
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	52	0	0.00	8	0	0.00	24	0	0.00	20	0	0.00			
		Drinking Water	5.	52	0	0.00	8	0	0.00	24	0	0.00	20	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	12	0	0.00	10	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	5.	12	0	0.00	10	0	0.00	1	0	0.00	1	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	117	0	0.00	8	0	0.00	24	0	0.00	85	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	18	0	0.00	10	0	0.00	1	0	0.00	7	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	118	13	0.11	8	0	0.00	25	1	0.04	85	12	0.14			
		Drinking Water	1300.	118	0	0.00	8	0	0.00	25	0	0.00	85	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	26	3	0.12	10	0	0.00	1	1	1.00	15	2	0.13			
		Drinking Water	1300.	26	0	0.00	10	0	0.00	1	0	0.00	15	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	92	2	0.02	8	0	0.00	24	0	0.00	60	2	0.03			
		Drinking Water	15.	92	26	0.28	8	0	0.00	24	0	0.00	60	26	0.43			
01051	LEAD, TOTAL	Fresh Acute	82.	18	1	0.06	10	0	0.00	1	0	0.00	7	1	0.14			
		Drinking Water	15.	18	6	0.33	10	0	0.00	1	1	1.00	7	5	0.71			
01057	THALLIUM, DISSOLVED	Fresh Acute	1400.	30	0	0.00	6	0	0.00	24	0	0.00						
		Drinking Water	2.	30	0	0.00	6	0	0.00	24	0	0.00						
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	117	0	0.00	8	0	0.00	24	0	0.00	85	0	0.00			
		Drinking Water	100.	117	0	0.00	8	0	0.00	24	0	0.00	85	0	0.00			
01067	NICKEL, TOTAL	Fresh Acute	1400.	9	0	0.00	3	0	0.00				6	0	0.00			
		Drinking Water	100.	9	0	0.00	3	0	0.00				6	0	0.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	98	0	0.00	8	0	0.00	24	0	0.00	66	0	0.00			
		Drinking Water	100.	98	0	0.00	8	0	0.00	24	0	0.00	66	0	0.00			
01077	SILVER, TOTAL	Fresh Acute	4.1	16 &	0	0.00	9	0	0.00				7	0	0.00			
		Drinking Water	100.	18	0	0.00	10	0	0.00	1	0	0.00	7	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	118	14	0.12	8	0	0.00	25	0	0.00	85	14	0.16			
		Drinking Water	5000.	118	0	0.00	8	0	0.00	25	0	0.00	85	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	25	3	0.12	10	0	0.00	1	0	0.00	14	3	0.21			
		Drinking Water	5000.	25	0	0.00	10	0	0.00	1	0	0.00	14	0	0.00			

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

EPA Water Quality Criteria Analysis for Entire GRBA Study Area

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	9/15-4/14 Obs	9/15-4/14 Exceed	9/15-4/14 Prop.	4/15-6/14 Obs	4/15-6/14 Exceed	4/15-6/14 Prop.	6/15-9/14 Obs	6/15-9/14 Exceed	6/15-9/14 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01095	ANTIMONY, DISSOLVED	Fresh Acute	88.	49	0	0.00	6	0	0.00	24	0	0.00	19	0	0.00			
		Drinking Water	6.	30 &	0	0.00	6	0	0.00	24	0	0.00						
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	33	0	0.00	8	0	0.00	24	0	0.00	1	0	0.00			
		Drinking Water	50.	33	0	0.00	8	0	0.00	24	0	0.00	1	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	12	0	0.00	10	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	50.	12	0	0.00	10	0	0.00	1	0	0.00	1	0	0.00			
11503	RADIUM 226 + RADIUM 228, TOTAL	Drinking Water	5.	1	0	0.00	1	0	0.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	25	0	0.00							25	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	40	2	0.05	16	1	0.06	6	1	0.17	18	0	0.00			
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	6	0	0.00	5	0	0.00				1	0	0.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	534	1	0.00	298	1	0.00	93	0	0.00	143	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	7	1	0.14	2	0	0.00	2	0	0.00	3	1	0.33			
71850	NITRATE NITROGEN, TOTAL (AS NO3)	Drinking Water	44.	10	0	0.00	2	0	0.00				8	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	11	0	0.00	2	0	0.00	1	0	0.00	8	0	0.00			
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	3	0	0.00	2	0	0.00				1	0	0.00			
		Drinking Water	2.	3	0	0.00	2	0	0.00				1	0	0.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	12	0	0.00	10	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	2.	12	0	0.00	10	0	0.00	1	0	0.00	1	0	0.00			
82078	TURBIDITY, FIELD	Other-Hi Lim.	50.	34	1	0.03	2	0	0.00	2	1	0.50	30	0	0.00			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	227	0	0.00	122	0	0.00	42	0	0.00	63	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the 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

No STORET Data Within the GRBA Study Area Exist for These Groups:

Chlorophyll*

*Not A Priority Parameter

NPS Servicewide Inventory and Monitoring Program Level I

Water Quality Parameter Inventory Data Evaluation and Analysis:

Present Level I Groups

STORET Data Within the GRBA Study Area Exist for These Groups:

Alkalinity		Total Obs.	01/01/85 to 10/28/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	116	51	55	10	76
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	7	0	0	7	1
00440	BICARBONATE ION (MG/L AS HCO3)	40	10	13	17	18
00445	CARBONATE ION (MG/L AS CO3)	30	10	11	9	10
		193	71	79	43	105 (85)[1]

pH		Total Obs.	01/01/85 to 10/28/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00400	PH (STANDARD UNITS)	393	330	53	10	126
00403	PH, LAB (STANDARD UNITS)	54	48	0	6	31
00406	PH, FIELD (STANDARD UNITS)	640	618	12	10	105
		1087	996	65	26	262(256)[1]

Conductivity		Total Obs.	01/01/85 to 10/28/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	412	407	5	0	155
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	303	295	8	0	118
		715	702	13	0	273(272)[1]

Dissolved Oxygen		Total Obs.	01/01/85 to 10/28/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE (MG/L)	89	72	7	10	56
00300	OXYGEN, DISSOLVED (MG/L)	11	7	4	0	2
		100	79	11	10	58 (58)[1]

Water Temperature		Total Obs.	01/01/85 to 10/28/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	977	888	68	21	316
		977	888	68	21	316(316)[1]

Flow		Total Obs.	01/01/85 to 10/28/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00058	FLOW RATE, GALLONS/MIN.	57	57	0	0	35
00061	FLOW, STREAM, INSTANTANEOUS CFS	102	98	4	0	84
00065	STAGE, STREAM (FEET)	2	2	0	0	1
		161	157	4	0	120(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 10/28/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	12	6	6	0	3
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	8	3	5	0	1
82078	TURBIDITY, FIELD NEPHELOMETRIC TURBIDITY UNITS NTU	34	28	6	0	3
82079	TURBIDITY, LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	227	222	1	4	8
		281	259	18	4	15 (14)[!]

Nitrate/Nitrogen		Total Obs.	01/01/85 to 10/28/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	2	0	0	2	1
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	29	29	0	0	19
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	23	6	11	6	9
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	15	4	2	9	2
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	49	31	9	9	33
00625	NITROGEN, KJELDAHL, TOTAL (MG/L AS N)	37	32	5	0	20
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	28	24	4	0	19
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	3	3	0	0	1
71850	NITRATE NITROGEN, TOTAL (MG/L AS NO3)	10	0	1	9	1
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	11	1	1	9	2
		207	130	33	44	107 (58)[!]

Phosphate/Phosphorus		Total Obs.	01/01/85 to 10/28/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	6	0	1	5	1
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10	0	1	9	1
00665	PHOSPHORUS, TOTAL (MG/L AS P)	101	31	70	0	85
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	26	21	0	5	24
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	51	33	9	9	24
		194	85	81	28	135 (94)[!]

Sulfates/Total Dissolved Solids/Hardness		Total Obs.	01/01/85 to 10/28/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00900	HARDNESS, TOTAL (MG/L AS CACO3)	20	14	6	0	12
00945	SULFATE, TOTAL (MG/L AS SO4)	20	13	7	0	14
00946	SULFATE, DISSOLVED (MG/L AS SO4)	62	51	5	6	48
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), (MG/L)	51	40	11	0	32
		153	118	29	6	106 (62)[!]

Bacteria		Total Obs.	01/01/85 to 10/28/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00111	RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI	92	92	0	0	5
31501	COLIFORM, TOT, MEMBRANE FILTER,IMMED.M-ENDOMED,35C	40	24	8	8	5
31613	FECAL COLIFORM, MEMBR, FILTER,M-FC AGAR,44.5C,24HR	6	5	1	0	2
31615	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	534	534	0	0	6
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5C	7	0	6	1	3
		679	655	15	9	21 (11)[!]

[!]Since a station can have data for more than one of the parameters in the parameter group, the number in the parenthesis is the number of unique stations having data for this parameter group.

Toxic Elements		Total Obs.	01/01/85 to 10/28/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
01095	ANTIMONY, DISSOLVED (UG/L AS SB)	49	49	0	0	45
01000	ARSENIC, DISSOLVED (UG/L AS AS)	53	53	0	0	47
01002	ARSENIC, TOTAL (UG/L AS AS)	15	10	5	0	7
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	98	33	65	0	93
01012	BERYLLIUM, TOTAL (UG/L AS BE)	6	0	6	0	6
01025	CADMIUM, DISSOLVED (UG/L AS CD)	52	52	0	0	46
01027	CADMIUM, TOTAL (UG/L AS CD)	12	7	5	0	4
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	117	52	65	0	111
01034	CHROMIUM, TOTAL (UG/L AS CR)	18	7	11	0	10
01040	COPPER, DISSOLVED (UG/L AS CU)	118	53	65	0	112
01042	COPPER, TOTAL (UG/L AS CU)	26	14	12	0	18
01049	LEAD, DISSOLVED (UG/L AS PB)	92	52	40	0	86
01051	LEAD, TOTAL (UG/L AS PB)	18	7	11	0	10
71890	MERCURY, DISSOLVED (UG/L AS HG)	3	3	0	0	1
71900	MERCURY, TOTAL (UG/L AS HG)	12	7	5	0	4
01065	NICKEL, DISSOLVED (UG/L AS NI)	117	52	65	0	111
01067	NICKEL, TOTAL (UG/L AS NI)	9	0	9	0	7
01145	SELENIUM, DISSOLVED (UG/L AS SE)	33	33	0	0	28
01147	SELENIUM, TOTAL (UG/L AS SE)	12	7	5	0	4
01075	SILVER, DISSOLVED (UG/L AS AG)	98	33	65	0	93
01077	SILVER, TOTAL (UG/L AS AG)	18	7	11	0	10
01057	THALLIUM, DISSOLVED (UG/L AS TL)	30	30	0	0	27
01090	ZINC, DISSOLVED (UG/L AS ZN)	118	53	65	0	112
01092	ZINC, TOTAL (UG/L AS ZN)	25	14	11	0	17
		1149	628	521	0	1009(130)[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	193	71	36.8	85	20.0	2.3	08/23/66-10/16/92	7.4
pH	1087	996	91.6	256	60.1	4.2	08/23/66-06/19/97	35.3
Conductivity	715	702	98.2	272	63.8	2.6	08/03/77-10/28/98	33.7
Dissolved Oxygen	100	79	79.0	58	13.6	1.7	08/23/66-10/25/89	4.3
Water Temperature	977	888	90.9	316	74.2	3.1	08/23/66-10/28/98	30.4
Flow	161	157	97.5	119	27.9	1.4	03/25/82-10/27/95	11.8
Clarity/Turbidity	281	259	92.2	14	3.3	20.1	08/21/69-08/28/95	10.8
Nitrate/Nitrogen	207	130	62.8	58	13.6	3.6	08/23/66-08/30/92	8.0
Phosphate/Phosphorus	194	85	43.8	94	22.1	2.1	08/23/66-08/30/92	7.5
Chlorophyll	0	0	0.0	0	0.0	0.0	No Data For Group	0.0
Sulfates/Total Dissolved Solids/Hardness	153	118	77.1	62	14.6	2.5	01/11/72-08/30/92	7.4
Bacteria	679	655	96.5	11	2.6	61.7	08/23/66-12/15/97	21.7
Toxic Elements	1149	628	54.7	130	30.5	8.8	07/04/80-08/30/92	94.5

Water Quality Observations
Outside STORET Edit Criteria for GRBA

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
GRBA0097	01005	BARIUM, DISSOLVED (UG/L AS BA)	800707		2652.0000000	11NPSWRD	GRBA_NURE_014	
GRBA0322	00400	PH (STANDARD UNITS)	880921	1330	0.0000000	112WRD	10243260	X

APPENDICES

Appendix A

Computer Files Transmitted With

Park Baseline Water Quality Data Inventory and Analysis

Computer disk(s) accompanying this report include up to seven (depending on the presence or absence of certain data elements) compressed (ZIP) files containing digital copies of nearly all the tables, figures, and other materials used to produce this report. To decompress these files, you must use the commonly available shareware program PKUNZIP. The command to type at the DOS prompt is:

PKUNZIP -E *COMPRESS.ZIP FILENAME.EXT*

where COMPRESS.ZIP is the name of one of the seven compressed (ZIP) files listed below and FILENAME.EXT is the name of the file you wish to extract. If you want to decompress all of the files in COMPRESS.ZIP, simply omit the FILENAME.EXT. To obtain a listing of all the files compressed into a particular ZIP file, type the following:

PKUNZIP -V *COMPRESS.ZIP* |MORE

where COMPRESS.ZIP is the name of one of the seven compressed ZIP files listed below. If a ZIP file spans multiple disks, use the last disk of the series (span) when obtaining a listing of all the files compressed into a particular ZIP file. Once you see the file you wish to obtain, substitute this file name for FILENAME.EXT in the first command line above to extract and decompress this particular file.

Included on one of the disk(s) accompanying this report is a program named PRINTZIP. This program will decompress ZIP files which don't span multiple disks and print certain files to a Hewlett-Packard (or compatible) Laser Printer. To use PRINTZIP, however, you must still have a copy of PKUNZIP in a directory listed in your path or in the same directory as the PRINTZIP program. PRINTZIP provides an easy, menu-driven interface for using PKUNZIP to decompress files and then send them to the printer. PRINTZIP allows you to send individual files, groups of files, or all files to the printer. PRINTZIP will not work with ZIP files that span multiple disks.

The following compressed (ZIP) files are included on the disk(s) accompanying this report:

(1) GRBATABS.ZIP

This compressed file contains all the tables presented in the report. The files compressed into this file include:

(a) GRBASITE.DOC - Descriptive listing of select fields from the industrial facilities discharges, drinking water intakes, and EPA-USGS stream gages databases.

(b) GRBAAGNC.DOC - Contacts for agencies whose data were retrieved within the study area.

(c) GRBAAGNQ.DOC - Number of stations, observations, and parameters retrieved by agency code within the study area and park.

(d) GRBAOV0.DOC - Overview of park and retrieved data.

(e) GRBAOV1.DOC - Station period of record table.

(f) GRBAOV2.DOC - Parameter period of record table.

(g) GRBAOV3.DOC - Station/parameter period of record table.

(h) GRBAINV.DOC - Station by station descriptive statistics over the entire period of record and comparison against EPA Water Quality Criteria for each station.

(i) GRBASEAN.DOC - Seasonal and annual water quality descriptive statistics at stations with water quality data meeting the default seasonal and annual criteria.

(j) GRBAEPAS.DOC - EPA Water Quality Criteria comparison for data at all stations combined within the study area.

(k) GRBAIDEA.DOC - Comparison of downloaded STORET data with NPS Servicewide Inventory and Monitoring Program "Level I" water quality parameters.

(l) GRBABAD.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 GRBAOV1.DOC is in the subdirectory C:\WATER, you could type: PRINT C:\WATER\GRBAOV1.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) GRBAFIGS.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 GRBA0001. 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 GRBA0001) 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) GRBAPARM.ZIP

This file compresses GRBAPARM.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) GRBASITE.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) GRBAWQ.DBF - All water quality monitoring station locations within the project's study area downloaded from STORET.

(b) GRBAIFD.DBF - All municipal and industrial facility discharges within the project's study area downloaded from the IFD database.

(c) GRBADRIN.DBF - All drinking water intakes within the project's study area downloaded from the DRINKS database.

(d) GRBAGAGE.DBF - All water gages within the project's study area downloaded from the GAGES database.

(e) GRBADAMS.DBF - All water impoundments within the project's study area downloaded from the DAMS database.

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) GRBAMISC.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) GRBAEXEC.DOC - WordPerfect Ver. 5.1 copy of the Executive Summary in the report.

(b) GRBATOC.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) GRBAREGI - PCL and CLP (Windows Clipboard) copies of map displaying the regional location of the park and study area.

(f) GRBAWQ - 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 (GRBAWQA, GRBAWQB, GRBAWQC, etc.) and the index map name will end with an ampersand (&).

(g) GRBAIDG - 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 (GRBAIDGA, GRBAIDGB, GRBAIDGC, 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) GRBASEHY - 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 GRBAFIGS.ZIP and GRBATABS.ZIP, you can use the PRINTZIP program to print any of the PCL files in GRBAMISC.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) GRBARF3.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) GRBAWQMW.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: GRBAPARM.DBF in GRBAPARM.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: GRBAPARM.DBF in GRBAPARM.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: GRBAPARM.DBF in GRBAPARM.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: GRBAWQ.DBF in GRBASITE.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: GRBAWQ.DBF in GRBASITE.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: GRBAIFD.DBF in GRBASITE.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: GRBAIFD.DBF in GRBASITE.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: GRBAIFD.DBF in GRBASITE.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: GRBADRIN.DBF in GRBASITE.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: GRBADRIN.DBF in GRBASITE.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: GRBADRIN.DBF in GRBASITE.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: GRBAGAGE.DBF in GRBASITE.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: GRBAGAGE.DBF in GRBASITE.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: GRBADAMS.DBF in GRBASITE.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: GRBADAMS.DBF in GRBASITE.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: GRBADAMS.DBF in GRBASITE.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: GRBADAMS.DBF in GRBASITE.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 GRBARF3.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 GRBARF3.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 GRBARF3.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 GRBARF3.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 GRBARF3.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 GRBARF3.ZIP
First Line = Catalog Unit Number (8 Characters)
Subsequent Lines:
L=DDMMSS,L=DDDMMSS,L=DDMMSS,L=DDDMMSS,L=DDMMSS,L=DDDMMSS, ...
Example:
02070010
L=391259,L=0770809,L=391220,L=0770749,L=391147,L=0770715,L=391120,L=0770633,
L=391058,L=0770535,L=391042,L=0770520,L=391016,L=0770427,L=390948,L=0770416,
L=390526,L=0765331,L=390500,L=0765149,L=390456,L=0765139,L=390357,L=0765123,
...
L=390744,L=0771007,L=390826,L=0771022,L=390910,L=0771022,L=390950,L=0771003,
L=391107,L=0770922,
There can be as many as four latitude/longitude pairs per line.

The following table provides the DBASE III+ database field structure of the Water Resources Division's "encyclopedia" file that documents the minimum and maximum parameter values found and the park(s) where they occurred. This file is intended for Water Resources Division internal use, but will be available to anyone upon request after Baseline Water Quality Data Inventory and Analysis reports have been completed for all parks.

Encyclopedia File: WRD File For Internal Use Only				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
PARM	1	5	5	STORET Parameter Code
PARMNAME	6	45	40	Parameter Name
MINVAL	46	61	16.7	Minimum Value
MINVALPARK	62	65	4	Park Unit with Minimum Value
MAXVAL	66	71	16.7	Maximum Value
MAXVALPARK	72	75	4	Park Unit with Maximum Value

Appendix C

STORET Water Quality Control/Edit Checking

The following table provides the high and low values used by STORET since November 1983 for 190 common water quality parameters to screen or error check data. Data entered into STORET prior to November 1983, however, were not subjected to this edit/bounds check. Additionally, data from the USGS WATSTORE system that is loaded into STORET is never subjected to these edit criteria and agencies entering data in STORET can override these edit criteria to enter data values that fall outside a range. As a consequence, all data downloaded from STORET for the purposes of this project were filtered through these edit criteria to document values outside the generally accepted ranges. Decisions were then made on a case-by-case basis to retain or discard obviously incorrect data. Refer to the Water Quality Observations Outside STORET Edit Criteria section of the Interpretive Guide To Water Quality Results chapter for more information on this subject.

STORET Code	STORET Parameter Description	High Value	Low Value
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	37.0	-2.0
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	98.0	31.0
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	52.0	-40.0
00021	TEMPERATURE, AIR (DEGREES FAHRENHEIT)	125.0	-40.0
00026	TOXICS-IDENTIFY DATA COLLECTION BY EPA DIRECTIVE	1990.9	1977.0
00032	CLOUD COVER (PERCENT)	101.0	0.0
00035	WIND VELOCITY (MILES PER HOUR)	85.0	0.0
00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	361.0	0.0
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	15.0	0.0
00070	TURBIDITY, (JACKSON CANDLE UNITS)	1500.0	0.0
00074	TURBIDITY, TRANSMISSOMETER, PERCENT TRANSMISSION	101.0	0.0
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	500.0	0.0
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	1000.0	0.0
00077	TRANSPARENCY, SECCHI DISC (INCHES)	600.0	0.0
00080	COLOR (PLATINUM-COBALT UNITS)	500.0	0.0
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	500.0	0.0
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	250.0	0.0
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	60000.0	1.0
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	60000.0	1.0
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE (MG/L)	30.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
00300	OXYGEN, DISSOLVED (MG/L)	30.0	0.0
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION%	200.0	0.0
00310	BOD, 5 DAY, 20 DEG C (MG/L)	150.0	0.0
00335	COD, .025N K2CR2O7 (MG/L)	1000.0	0.0
00340	COD, .25N K2CR2O7 (MG/L)	1000.0	0.0
00365	CHLORINE DEMAND, 15 MINUTE (MG/L)	15.0	0.0
00400	PH (STANDARD UNITS)	12.0	0.9
00403	PH, LAB, STANDARD UNITS, (STANDARD UNITS)	12.0	0.9
00405	CARBON DIOXIDE (MG/L AS CO2)	100.0	0.0
00406	PH, FIELD (STANDARD UNITS)	12.0	0.9
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	1000.0	0.0
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	750.0	0.0
00435	ACIDITY, TOTAL (MG/L AS CACO3)	1000.0	0.0
00436	ACIDITY, MINERAL (METHYL ORANGE) (MG/L AS CACO3)	1000.0	0.0
00437	ACIDITY, CO2 (PHENOLPHTHALEIN) (MG/L AS CACO3)	750.0	0.0
00440	BICARBONATE ION (MG/L AS HCO3)	450.0	0.0
00445	CARBONATE ION (MG/L AS CO3)	100.0	0.0
00480	SALINITY - PARTS PER THOUSAND	40.0	0.0
00500	RESIDUE, TOTAL (MG/L)	15000.0	0.0
00505	RESIDUE, TOTAL VOLATILE (MG/L)	10000.0	0.0
00510	RESIDUE, TOTAL FIXED (MG/L)	10000.0	0.0
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C), (MG/L)	20000.0	0.0
00520	RESIDUE, VOLATILE FILTRABLE (MG/L)	10000.0	0.0
00525	RESIDUE, FIXED FILTRABLE (MG/L)	10000.0	0.0
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10000.0	0.0
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10000.0	0.0
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	10000.0	0.0
00545	RESIDUE, SETTLEABLE (ML/L)	1000.0	0.0
00546	RESIDUE, SETTLEABLE (MG/L)	1000.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC., (MG/L)	250.0	0.0
00600	NITROGEN, TOTAL (MG/L AS N)	100.0	0.0
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	15.0	0.0
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	25.0	0.0
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	20.0	0.0
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	5.0	0.0
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	50.0	0.0
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	50.0	0.0
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	55.0	0.0
00635	NITROGEN, AMMONIA & ORG., TOTAL 1 DET (MG/L AS N)	70.0	0.0
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	30.0	0.0
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	30.0	0.0
00655	PHOSPHATE, POLY (MG/L AS PO4)	30.0	0.0
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	30.0	0.0
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10.0	0.0
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10.0	0.0
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	100.0	0.0
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	100.0	0.0
00685	CARBON, TOTAL INORGANIC (MG/L AS C)	100.0	0.0
00690	CARBON, TOTAL (MG/L AS C)	150.0	0.0
00720	CYANIDE, TOTAL (MG/L AS CN)	10.0	0.0
00745	SULFIDE, TOTAL (MG/L AS S)	1500.0	0.0
00746	SULFIDE, DISSOLVED (MG/L AS S)	1500.0	0.0
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	150.0	0.0
00900	HARDNESS, TOTAL (MG/L AS CACO3)	5000.0	0.0
00910	CALCIUM (MG/L AS CACO3)	3000.0	0.0
00915	CALCIUM, DISSOLVED (MG/L AS CA)	1000.0	0.0
00916	CALCIUM, TOTAL (MG/L AS CA)	1000.0	0.0
00920	MAGNESIUM (MG/L AS CACO3)	3000.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	1000.0	0.0
00927	MAGNESIUM, TOTAL (MG/L AS MG)	1000.0	0.0
00929	SODIUM, TOTAL (MG/L AS NA)	5000.0	0.0
00930	SODIUM, DISSOLVED (MG/L AS NA)	5000.0	0.0
00931	SODIUM ADSORPTION RATIO	50.0	0.0
00935	POTASSIUM, DISSOLVED (MG/L AS K)	175.0	0.0
00937	POTASSIUM, TOTAL MG/L AS K)	175.0	0.0
00940	CHLORIDE, TOTAL IN WATER, (MG/L)	22000.0	0.0
00945	SULFATE, TOTAL (MG/L AS SO4)	2500.0	0.0
00946	SULFATE, DISSOLVED (MG/L AS SO4)	2500.0	0.0
00950	FLUORIDE, DISSOLVED (MG/L AS F)	15.0	0.0
00951	FLUORIDE, TOTAL (MG/L AS F)	15.0	0.0
00955	SILICA, DISSOLVED (MG/L AS SI02)	2000.0	0.0
00956	SILICA, TOTAL (MG/L AS SI02)	2000.0	0.0
01000	ARSENIC, DISSOLVED (UG/L AS AS)	5000.0	0.0
01002	ARSENIC, TOTAL (UG/L AS AS)	5000.0	0.0
01005	BARIUM, DISSOLVED (UG/L AS BA)	2000.0	0.0
01007	BARIUM, TOTAL (UG/L AS BA)	2000.0	0.0
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	2000.0	0.0
01012	BERYLLIUM, TOTAL (UG/L AS BE)	2000.0	0.0
01020	BORON, DISSOLVED (UG/L AS B)	5000.0	0.0
01022	BORON, TOTAL (UG/L AS B)	5000.0	0.0
01025	CADMIUM, DISSOLVED (UG/L AS CD)	500.0	0.0
01027	CADMIUM, TOTAL (UG/L AS CD)	500.0	0.0
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	2000.0	0.0
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	2000.0	0.0
01033	CHROMIUM, TRI-VAL (UG/L AS CR)	2000.0	0.0
01034	CHROMIUM, TOTAL (UG/L AS CR)	2000.0	0.0
01040	COPPER, DISSOLVED (UG/L AS CU)	2000.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
01042	COPPER, TOTAL (UG/L AS CU)	5000.0	0.0
01045	IRON, TOTAL (UG/L AS FE)	56000.0	0.0
01046	IRON, DISSOLVED (UG/L AS FE)	56000.0	0.0
01047	IRON, FERROUS (UG/L AS FE)	56000.0	0.0
01049	LEAD, DISSOLVED (UG/L AS PB)	1000.0	0.0
01051	LEAD, TOTAL (UG/L AS PB)	1000.0	0.0
01055	MANGANESE, TOTAL (UG/L AS MN)	5000.0	0.0
01056	MANGANESE, DISSOLVED (UG/L AS MN)	5000.0	0.0
01065	NICKEL, DISSOLVED (UG/L AS NI)	2000.0	0.0
01067	NICKEL, TOTAL (UG/L AS NI)	2000.0	0.0
01075	SILVER, DISSOLVED (UG/L AS AG)	5000.0	0.0
01077	SILVER, TOTAL (UG/L AS AG)	5000.0	0.0
01090	ZINC, DISSOLVED (UG/L AS ZN)	25000.0	0.0
01092	ZINC, TOTAL (UG/L AS ZN)	25000.0	0.0
01105	ALUMINUM, TOTAL (UG/L AS AL)	20000.0	0.0
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	20000.0	0.0
01145	SELENIUM, DISSOLVED (UG/L AS SE)	100.0	0.0
01501	ALPHA, TOTAL	200.0	0.0
01503	ALPHA, DISSOLVED	75.0	0.0
01505	ALPHA, SUSPENDED	150.0	0.0
03501	BETA, TOTAL	3500.0	0.0
03503	BETA, DISSOLVED	3000.0	0.0
03505	BETA, SUSPENDED	1500.0	0.0
09503	RADIUM 226, DISSOLVED	500.0	0.0
13501	STRONTIUM 90, TOTAL	500.0	0.0
22703	URANIUM, NATURAL, DISSOLVED	500.0	0.0
31501	COLIFORM, TOT,MEMBRANE FILTER,IMMED.M-ENDO MED, 35C	24000000.0	0.0
31502	COLIFORM, TOTAL, 10/ML	24000000.0	0.0
31503	COLIFORM, TOT,MEMBR FILTER, DELAYED,M-ENDO MED, 35C	24000000.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
31504	COLIFORM, TOT,MEMBR FILTER,IMMED,LES ENDO AGAR, 35C	24000000.0	0.0
31613	FECAL COLIFORM, MEMBR FILTER, M-FC AGAR,44.5C, 24HR	10000000.0	0.0
31615	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	10000000.0	0.0
31616	FECAL COLIFORM, MEMBR FILTER,M-FC BROTH, 44.5C	10000000.0	0.0
31672	FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C48HR	500000.0	0.0
31673	FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	500000.0	0.0
31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	500000.0	0.0
31679	FECAL STREPTOCOCCI, MF M-ENTEROCOCCUS AGAR,35C,48H	500000.0	0.0
31749	PLATE COUNT, TOTAL, TPC AGAR, 20C, 48 HRS	99999999.0	0.0
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	99999999.0	0.0
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	500.0	0.0
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	750.0	0.0
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	1000.0	0.0
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	200.0	0.0
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	500.0	0.0
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	200.0	0.0
32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	2.0	0.0
32221	CHLOROPHYLL A,% OF(PHEOPHYTIN A+CHL A),SPEC-ACID.	101.0	0.0
32230	CHLOROPHYLL A (MG/L)	0.5	0.0
32231	CHLOROPHYLL B (MG/L)	0.8	0.0
32232	CHLOROPHYLL C (MG/L)	0.2	0.0
32234	CHLOROPHYLL, TOTAL (A+B+C) (MG/L)	1.0	0.0
32270	CHLOROFORM EXTRACTABLES TOTAL IN MG PER LITER	5.0	0.0
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	1500.0	0.0
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	10.0	0.0
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39340	GAMMA-BHC(LINDANE),WHOLE WATER, (UG/L)	20.0	0.0
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER, (UG/L)	20.0	0.0
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	5.0	0.0
60050	ALGAE, TOTAL (CELLS/ML)	700000.0	0.0
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), (MG/L)	4000.0	0.0
70505	PHOSPHATE, TOTAL,COLORIMETRIC METHOD (MG/L AS P)	10.0	0.0
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10.0	0.0
71850	NITRATE NITROGEN, TOTAL (MG/L AS NO3)	65.0	0.0
71886	PHOSPHORUS, TOTAL, AS PO4 - (MG/L)	30.0	0.0
71890	MERCURY, DISSOLVED (UG/L AS HG)	10.0	0.0
71895	MERCURY, SUSPENDED (UG/L AS HG)	10.0	0.0
71900	MERCURY, TOTAL (UG/L AS HG)	10.0	0.0
74010	IRON, TOTAL (MG/L AS FE)	56000.0	0.0

Appendix D

STORET Administrative Parameters

STORET Code	Description of STORET Administrative Parameters
00022	LENGTH OF EXPOSURE OF SAMPLE OR TEST - DAYS
00026	TOXICS-IDENTIFY DATA COLLECTION BY EPA DIRECTIVE
00027	CODE NO FOR AGENCY COLLECTING SAMPLE
00028	CODE NO FOR AGENCY ANALYZING SAMPLE
00029	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE
00063	SAMPLING POINTS, NUMBER OF IN A CROSS SECTION
00073	SAMPLE LOC CODE DEFINED BY THERMAL STRUCT & DEPTH
00111	RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI
00115	SAMPLE TREATMENT CODE (1=RAW,2=TREATED)
00116	INTENSIVE SURVEY IDENTIFICATION NUMBER
00145	TOTAL PRODUCTION OF PRODUCT MANUFACTURED TONS/DAY
01273	TOTAL ACID PRIORITY POLLUTANTS MG/L
01274	TOTAL BASE-NEUTRAL PRIORITY POLLUTANTS MG/L
01275	TOTAL VOLATILE PRIORITY POLLUTANTS MG/L
01365	ANALYSIS DATE (DIOXIN) (YYMMDD)
04177	SAMPLE STABILIZATION, RECOVERY TEST CODE
04178	FIELD PROTOCOL(CONFDNCE ASSIGNED FIELD SAMPLE) CODE
04179	SAMPLE STATION LOCKED CODE
04180	CONDITION OF STATION SITE CODE
04181	LABORATORY QA/QC PLAN CONFIDENCE CODE
04182	SAMPLE TYPE CODE
04183	SAMPLE REMARKS CODE
30333	BAG MESH SIZE, BEDLOAD SAMPLER, MM
34772	NPDES NUMBER, CROSS REFERENCE CODE
34785	GAGE TYPE, METHOD CODE

STORET Code	Description of STORET Administrative Parameters
45575	GC MAKE AND MODEL INFORMATION CODE
45576	GC DETECTOR TYPE CODE
45577	GC COLUMN TYPE CODE
45580	METHOD OF ANALYSIS CODE
45581	LABORATORY LOCATION CODE
46107	SAMPLE LOCATION CODE (TREATMENT PLANT OPERATION)
46390	TOXICITY CHARACTERISTIC LEACHING PROCEDURE P OR F
46396	PROCESS TO SIGNIFICANTLY REDUCE PATHOGENS YES OR NO
46397	PROCESS TO FURTHER REDUCE PATHOGENS YES OR NO
47001	PERMIT EXPIRATION DATE (JULIAN CALENDAR)
47044	OBSERVATIONS,WASTE SITE-SEVERITY OF PROBLEMS CODE
47460	SUBSAMPLE - DECIMAL FRACTION OF WHOLE NUMBER
47477	COMPOSITION AND/OR DISPOSITION OF CATCH NUM CODE
70231	CURRENT DIRECTION (DEGREES FROM DOWNSTREAM FLOW)
71999	SAMPLE PURPOSE CODE
72032	NUMBER OF SPILLWAY GATES OPEN
73672	DATE OF ANALYSIS YYMMDD
73673	DATE OF EXTRACTION YYMMDD
74031	GRANT, PROJECT COST ELIGIBLE FOR CONSTRUCTION
74032	GRANT, AMOUNT OF PL 660 GRANT FOR THIS PROJECT
74033	GRANT, FEDERAL, OTHER THAN PL 660 GRANT
74034	GRANT, FUTURE PL 660 WHICH MAY APPLY TO THIS PROJ
74035	GRANT, TOTAL FEDERAL, WHICH APPLIES TO THIS PROJ
74036	GRANT, PROJ NUMBER ASSIGNED TO THIS APPLICATION
74037	GRANT, TYPE OF PROJECT TO WHICH GRANT APPLIES
74038	GRANT, STATUS OF PROJECT TO WHICH GRANT APPLIES
74039	PCS/STORET WATER QUALITY FILE INTERFACE YR/MO/DAY
74040	SURVEY NUMBER YYMMNO
74041	STORET STORAGE TRANSACTION DATE YR/MO/DAY

STORET Code	Description of STORET Administrative Parameters
74050	RADIOACTIVITY, GENERAL (PERMIT)
74051	ALGICIDES, GENERAL (PERMIT)
74052	CHLORINATED HYDROCARBONS, GENERAL (PERMIT)
74053	PESTICIDES, GENERAL (PERMIT)
74056	COLIFORM, TOTAL, GENERAL (PERMIT)
74065	STREAM FLOW CLASS
74066	ANNUAL RUNOFF
74067	SOIL CLASSIFICATION
74068	WATER QUALITY DESIGNATED USE CLASSIFICATION (IA)
74100	PRIMARY 1972 SIC CODE
74101	SECONDARY 1972 SIC CODE
74102	SECONDARY 1972 SIC CODE
74103	SECONDARY 1972 SIC CODE
74200	SAMPLE PRESERVATION METHODS ONE OR MORE IN COMB.
74205	LAND RESOURCE AREA (IOWA)
74206	SOIL EROSION POTENTIAL (IOWA)
74209	WATER QUALITY INDEX - STATE OF ILLINOIS, EPA
74210	FOREST STREAM WATER QUALITY INDEX CALC. NUMBER
74990	FISH SPECIES NUMERIC CODE - F&W SERVICE
74995	ANATOMY CODE
75000	SPECIES CODE-REMARK=SEX (M=MALE,F=FEMALE,U=UNK.)
81028	WITHDRAWAL OF GROUNDWATER (MILLION GAL/DAY)
82258	WATER CLASSIFICATION CODE (1-9) CODE
82292	DATA RELAY GROUND STATION SOURCE NODE CODE, CODE
82309	CONTAMINATION SOURCE POSSIBLE CODES NUMERIC CODE
82310	DEPTH CONFIDENCE IN REPORTED VALUES NUMERIC CODES
82373	FREQUENCY OF SAMPLING M=MON,Q=QUAR,Y=YR,R=RNFFCODE
82519	DRILLER REGISTRATION NUMBER ALPHA-NUMERIC CODE
82562	NARRATIVE REQUIREMENT EXCEEDANCES INTEGER

STORET Code	Description of STORET Administrative Parameters
82576	DAILY EXCURSION TIME, WATER MIN
82577	MONTHLY EXCURSION TIME, WATER TOTAL MIN
82578	DAY/MAXIMUM EXCURSION TIME, WATER MIN
82579	CODE NUMBER FOR PERSON COLLECTING SAMPLE
84002	CODE, GENERAL INFORMATION - ALPHA, NUMERIC CODE
84003	WATER SHED ID NUMBER (IOWA)
84005	FISH SPECIES CODE-FISH & WILDLIFE SER
84006	OWNERSHIP CLASSIFICATION OF LAKE, ILLINOIS SYSTEM
84010	PUBLIC ACCESS TO LAKE ILLINOIS SYSTEM
84011	CONFIDENCE CODE FOR GLC CONFIRMATION CODE
84012	PATIENT PARAMETERS (AGE, SEX, WT, ETC.) CODE
84013	SAMPLE PARAMETERS D=DESIGN SPECIMEN, S=SURPLUS
84027	CODE NUMBER FOR AGENCY COLLECTING SAMPLE
84028	CODE NO FOR AGENCY ANALYZING SAMPLE
84029	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE FIELD
84033	EGD ANALYTICAL DATA COMPLETENESS Y=YES N=NO CODE
84034	EGD SMPL NO.(SMPL.IDENT) NUMERIC=SCS ALPH+4NUM=JRB
84035	EGD SAMPLE CLASSIFICATION CATEGORY ALPHA CODE
84036	EGD INDUSTRIAL CATEGORY NUMERIC CODE
84037	EGD INDUSTRIAL CATEGORY NAME ALPHA CODE
84038	EGD LABORATORY NUMERIC CODE
84039	EGD LABORATORY NAME ALPHA CODE
84040	EGD SAMPLE STATUS (1-5,9,AND BLANK) NUMERIC CODE
84041	EGD ACID STATUS (1-5,9,AND BLANK) NUMERIC CODE
84042	EGD BASE STATUS (1-5,9AND BLANK) NUMERIC CODE
84043	EGD PESTICIDE STATUS (1-5,9,AND BLANK) NUMERIC CODE
84044	EGD VOA FRACT. STATUS INDICATOR (1-5,9,BLANK) CODE
84045	EGD ACID EXTRACT DATE (YYMMDD) NUMERIC CODE
84046	EGD BASE EXTRACTION DATE (YYMMDD) NUMERIC CODE

STORET Code	Description of STORET Administrative Parameters
84047	EGD PESTICIDE EXTRACTION DATE (YYMMDD) NUMERIC CODE
84048	EGD VOA FRACTION INJECTION DATE YYMMDD NUMERIC CODE
84049	EGD ACID CONC. FACTOR (FIVE NUMERIC DIGITS) CODE
84050	EGD BASE CONC.FACTOR (FIVE NUMERIC DIGITS) CODE
84051	EGD PESTICIDE CONC.FACTOR (FIVE NUMERIC DIGITS) CODE
84052	EGD VOA FRACTION CONC. FACTOR (5 NUMERIC DIGITS) CODE
84053	SAMPLE TYPE AND FREQUENCY OF COLLECTION CODE
84054	LITHOLOGY ALPHA-NUMERIC CODE
84055	AVAILABLE LOGS ALPHA-NUMERIC CODE
84056	WATER USE CATEGORY ALPHA-NUMERIC CODE
84057	INSPECTION TYPE ALPHA-NUMERIC CODE
84058	HYDROGEOLOGIC SYSTEM ALPHA-NUMERIC CODE
84059	WELL OWNERSHIP ALPHA-NUMERIC CODE
84060	TOPOGRAPHY ALPHA-NUMERIC CODE
84061	WELL USE ALPHA-NUMERIC CODE
84062	MEASURING POINT DESCRIPTION ALPHA-NUMERIC CODE
84063	DRILLING METHOD ALPHA-NUMERIC CODE
84064	WELL DATA AVAILABILITY ALPHA-NUMERIC CODE
84065	PERMIT COMPLIANCE DATA ALPHA-NUMERIC CODE
84067	NATURE OF MONITORING ALPHA-NUMERIC CODE
84073	REPLACES EXISTING WELL ALPHA-NUMERIC CODE
84074	AQUIFER TYPE (SEE USGS HANDBOOK) ALPHA CODE
84075	WELL PERMIT NUMBER ALPHA-NUMERIC CODE
84076	TSD MONITORING WELL TYPE ALPHA CODE
84077	TSD MONITORING WELL SAMPLING METHOD ALPHA CODE
84083	POLLUTION VERIFICATION ALPHA CODE
84084	WELL SAMPLE PURPOSE ALPHA CODE
84090	SAMPLE FILE CONTROL PROJECT IDENTIFICATION A-CODE
84091	INFILTRATION DATE/BEGINNING 'YYMMDD'

STORET Code	Description of STORET Administrative Parameters
84092	INFILTRATION DATE/ENDING 'YYMMDD'
84093	ENFORCEMENT FORM #2-C,DATA IDENTIFICATION CODE
84102	SAMPLE SPECIES-SUB ID ALPHA CODE
84103	DIOXIN LABORATORY ALPHA CODE
84104	DIOXIN STUDY ALPHA CODE
84112	SOURCE OF GEOHYDROLOGIC DATA CODE
84119	SOURCE OF EVACUATION DATA CODE
84121	REGULATING AGENCY CODE
84122	SAMPLE PURPOSE CODE
84126	SOURCE OF DEPTH DATA CODE
84127	METHOD OF DEPTH MEASUREMENT CODE
84128	SOURCE OF WATER-LEVEL DATA CODE
84129	DATA QUALITY
84141	LAKE, PHYSICAL CONDITION AT SAMPLE TIME, 1-5, CODE
84142	LAKE,RECREATIONAL SUITABILITY @ SMPL TIME,1-5, CODE
84164	SAMPLER TYPE, CODE
85300	PROBLEM CODE NES SURVEY
85327	WATER LEVEL AT SAMPLE COLLECTION TIME-CODE-NES
85332	CLOUD COVER AT SAMPLE COLLECTION TIME-CODE-NES
85553	WELL COMPLETION DATE (MONTH/YEAR)
85554	WELL WORKOVER DATE, LATEST (MONTH/YEAR)

Appendix E

STORET Parameters Not Suitable for Statistical Analysis

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
00001	X-SEC. LOC., HORIZ (FT. FROM R BANK LOOK UPSTR.)
00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)
00005	X-SEC. LOC., VERTICAL (PERCENT OF TOTAL DEPTH)
00006	DISTANCE FROM LOCATION IN X MILES
00007	DISTANCE FROM LOCATION IN Y MILES
00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE
00009	X-SEC. LOC.(FT FROM LEFT BANK LOOKING DOWNSTRM)
00027	CODE NO FOR AGENCY COLLECTING SAMPLE
00028	CODE NO FOR AGENCY ANALYZING SAMPLE
00033	WEATHER CODE FOR OCEAN-OBSERV. (WMO CODE 4677)
00037	WIND FORCE (BEAUFORT UNITS)
00038	WIND DIRECTION (WMO CODES 0885 + 0887)
00041	WEATHER (WMO CODE 4501)
00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL
00043	CLOUD TYPE (WMO CODE 0500)
00044	CLOUD AMOUNT (WMO CODE 2700)
00047	TOTAL PARTIAL PRESSURE DISSOLVED GASES (MM HG)
00048	TOTAL PARTIAL PRESSURE DISSOLVED GASES (% SAT)
00049	SURFACE AREA IN SQUARE MILES
00050	EVAPORATION, TOTAL (INCHES PER DAY)
00051	SURFACE AREA IN SQUARE FEET
00053	SURFACE AREA, ACRES
00054	RESERVOIR STORAGE - ACRE FEET
00063	SAMPLING POINTS, NUMBER OF IN A CROSS SECTION
00067	TIDE STAGE

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
00069	SEA WAVES(0=NONE;1=0-3";2=4-20";3=21-48";4=4-8')
00097	SAMPLING STATION LOCATION, VERTICAL (FEET)
00098	SAMPLING STATION LOCATION, VERTICAL (METERS)
00111	RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI
00115	SAMPLE TREATMENT CODE (1=RAW,2=TREATED)
01300	OIL-GREASE (SEVERITY)
01305	DETERGENT SUDS (SEVERITY)
01310	GAS BUBBLES (SEVERITY)
01315	SLUDGE, FLOATING (SEVERITY)
01320	GARBAGE, FLOATING (SEVERITY)
01325	ALGAE, FLOATING MATS (SEVERITY)
01330	ODOR, ATMOSPHERIC (SEVERITY)
01331	TASTE (SEVERITY)
01335	SEWAGE SOLIDS, FRESH, FLOATING (SEVERITY)
01340	FISH, DEAD (SEVERITY)
01345	DEBRIS, FLOATING (SEVERITY)
01350	TURBIDITY (SEVERITY)
01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE
01355	ICE COVER, FLOATING OR SOLID (SEVERITY)
03595	BIOASSAY (96 HR), EFFLUENT, TOTAL CODE
03596	BIOASSAY (48 HR), EFFLUENT, TOTAL CODE
03597	BIOASSAY (24 HR), EFFLUENT, TOTAL CODE
03598	TOXICITY, EFFLUENT, TOTAL CODE
03599	TOXICITY, CHOICE OF SPECIES, EFFLUENT CODE
03600	TOXICITY, TROUT, EFFLUENT, TOTAL CODE
03601	TOXICITY, SAND DOLLAR, EFFLUENT CODE
03602	BIOCHEMICAL OXYGEN DEMAND, EFFLUENT, TOTAL CODE
03603	SOLIDS, TOTAL SUSPENDABLE, EFFLUENT, TOTAL CODE
03605	FLOW METER CALIBRATION, WATER CODE

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
03717	ONCORHYNCHUS MYKISS, WATER CODE
04117	TETHER LINE USED FOR COLLECTING SAMPLE CODE
04160	HALOCARBONS, PURGEABLE, SCAN, EFFLUENT CODE
04161	HALOCARBONS, PURGEABLE, SCAN, SLUDGE CODE
04162	AROMATIC, PURGEABLE, SCAN, EFFLUENT CODE
04163	AROMATIC, PURGEABLE, SCAN, SLUDGE CODE
04164	PHENOLIC, TOTAL, SCAN, EFFLUENT CODE
04165	PHENOLIC, TOTAL, SCAN, SLUDGE CODE
04166	PCB, TOTAL, SCAN, EFFLUENT CODE
04167	PCB, TOTAL, SCAN, SLUDGE CODE
04174	FREE LIQUIDS IN SEWAGE SLUDGE CODE
34765	AVIAN NUMERICAL SPECIES CODE (BIRDS)
34766	MAMMALIAN NUMERICAL SPECIES CODE
34771	MACROPHYTE, INSTREAM, VISUAL SIGHTING CODE
34773	ODOR, AMBIENT WATER CODE
34774	FISH, INSTREAM, VISUAL SIGHTING CODE
34775	STREAMBANK CHANNEL ALTERATIONS CODE
34776	HYDRAULIC STRUCTURES, INSTREAM CODE
34780	LAND USE, ADJACENT STREAM CODE
34781	SAMPLE POINTS, # OF LONGTDNL TRANSECTS, REACH CODE
34782	STREAM STAGE TREND CODE
34789	HABITATS, TYPES SAMPLED CODE
45613	FLOATING SOLIDS/VISIBLE FOAM, VISUAL, YES=1, NO=0, CODE
45614	SANITARY WASTE DISCHARGE ASSESSMENT, YES=1, NO=0, CODE
45615	INTERMITTENT DISCHARGE ASSESSMENT, YES=1, NO=0,CODE
46001	WATER APPEARANCE CODE (BASED ON FIELD ASSESSMENT)
46478	EQUIPMENT INSPECTION, VISUAL CODE
46486	TOXICITY,ACUTE 24HR(STATIC)CERIODAPHNIA (P/F) CODE
47454	FLOW METER REVOLUTIONS NUMBER

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
47455	LATITUDE, STARTING, OF A SAMPLE TOW DDMMSS
47456	LONGITUDE, STARTING, OF A SAMPLE TOW DDDMMSS
47457	LATITUDE, FINISHING, OF A SAMPLE TOW DDMMSS
47458	LONGITUDE, FINISHING, OF A SAMPLE TOW DDDMMSS
47459	LENGTH FREQUENCY NUMBER
47461	TIME THAT THE EQUIPMENT WAS SAMPLING MINUTES
47476	DIRECTION OF TOW IN RELATION TO CURRENT NUM CODE
50044	HYDROGRAPH LIMB, 1BASE, 2RISING, 3PEAK, 4FALLING, CODE
61390	DIATOMS,FIRST DOMINANT SPECIES OF UNITS - CODE
61391	DIATOMS,SECOND DOMINANT SPECIES OF UNITS - CODE
61392	DIATOMS,THIRD DOMINANT SPECIES OF UNITS - CODE
61393	DIATOMS,FOURTH DOMINANT SPECIES OF UNITS - CODE
70220	WAVE DIRECTION (WMO CODES 0885 + 0887)
70222	WAVE HEIGHT (WMO CODE 1555)
70223	WAVE PERIOD (WMO CODE 3155)
71090	BIVALVE SPECIES CODE
71500	EQUITABILITY INDEX,BENTHIC MACROINVER CODE
72000	ELEVATION OF LAND SURFACE DATUM (FT. ABOVE MSL)
72001	DEPTH, TOTAL OF HOLE (FT BELOW LAND SURFACE DATUM)
72002	DEPTH TO TOP OF WATER-BEARING ZONE SAMPLED (FT)
72003	DEPTH TO BOTTOM OF WATER-BEARING ZONE SAMPLED (FT)
72004	PUMP OR FLOW PERIOD PRIOR TO SAMPLING MINUTES
72005	SAMPLE SOURCE CODE (BM WELL DATA)
72006	SAMPLING CONDITION CODE (BM WELL DATA)
72007	FORMATION NAME CODE (BM WELL DATA)
72017	SERIES CODE (BM WELL DATA)
72018	SYSTEM CODE (BM WELL DATA)
72111	DIRECT READOUT GROUND STATN TRANSMIT EROR CODE NUM
74054	FECAL STREPTOCOCCI, GENERAL (PERMIT)

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
74055	FECAL COLIFORM, GENERAL (PERMIT)
80889	ACTIVATED SLUDGE PROCESS MODIFICATION CODE
81024	DRAINAGE AREA IN SQUARE MILES (SQ. MI.)
81637	SHELLFISH SPECIES NUMERIC CODE
82289	LAGOON OBSERVATION, VISUAL, Y=YES N=NO CODE
82398	SAMPLING METHOD (CODES)
82524	STORAGE COEFFICIENT NUMERICAL CODE
82923	ATMOSPHERIC DEPOSITION TYPE, WET CODE
83205	ATMOSPHERIC DEPOSITION TYPE, BULK CODE
84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)
84001	AQUIFER NAME CODE (SEE USGS CATALOG)
84004	LAKE TYPE ILLINOIS CLASSIFICATION SYSTEM
84007	ANATOMY ALPHA CODE
84008	LIFE STYLE/HABITAT OF THE INDIVIDUALS IN THE SAMPLE
84009	SHELLFISH SPECIES ALPHANUMERIC CODE
84014	SPECIES SEX CODE
84030	CLOUD AMOUNT ALPHA WEATHER CODES
84031	PHYSICAL WEATHER ALPHA WEATHER CODES
84032	STREAM CONDITION ALPHA WEATHER CODES
84066	OIL AND GREASE, VISUAL, ALPHA-NUMERIC CODE
84068	SERIES CODE ALPHA-NUMERIC CODE
84069	FORMATION CODE ALPHA-NUMERIC CODE
84070	METHOD OF TESTING WELL YIELD ALPHA-NUMERIC CODE
84071	WATER LEVEL MEASUREMENT CONDITIONS ALPHA-NUM CODE
84072	WATER LEVEL MEASUREMENT METHOD ALPHA-NUMERIC CODE
84078	GIARDIA LAMBLIA, 2HSO4 OR SUC GRAD, MICRO, CODE
84079	BACTERIA, CELLUOLYTIC, AEROBIC-ANAEROBIC, RT 5-7, CODE
84080	BACTERIA, HYDROCARBONOCLASTIC, SHAKE INC 32C/WK, CODE
84081	YERSINIA ENTEROCOLITICA, SB BROTH, MAC AGAR,22C, CODE

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
84082	SALMONELLA/SHIGELLA, QUANT OR QUAL, HVF OR SWAB, CODE
84085	ORGANICS, VOLATILE, DETECTED, NUMERIC CODE, CODE
84086	MACROINVERTEBRATE SPECIES NUMERIC CODE
84087	MACROINVERTEBRATE HABITAT CODE
84088	BIOLOGY 1 MACROINVERTEBRATE CODE
84089	BIOLOGY 2 MACROINVERTEBRATE CODE
84094	PHYTOPLANKTON SPECIES CODE, NUMERIC
84095	PHYTOPLANKTON SPECIES CODE, ALPHA
84096	SEVERITY OF NON-PLANKTON ALGAE-MAT COVERAGE CODE
84097	LAGOON MOUTH CONDITION CODE
84098	COLOR OF NON-PLANKTONIC ALGAE CODE
84099	WATER - RELATIVE WATER LEVEL CODE
84100	SEX(1-MALE,2-FEMALE,3-MIXED,4-UNKNOWN) NUM CODE
84101	METAFORM, BENTHIC, ADULT(A), PUPAE(P), LARVAE(L) CODE
84105	OIL-SEPARATOR OBSERVATION ASSESS (0=DID NOT,1=DID)
84106	EVAPORAT/BED OBS ASSESS (0=DID NOT LOOK, 1=DID LOOK)
84107	AREA INSPECTION, VISUAL (0=DID NOT, 1=DID) CODE
84108	DRAIN FIELD INSPECTION ASSESS (0=DID NOT, 1=DID) CODE
84109	SLUDGE BUILD-UP IN WATER (0=DID NOT OBS, 1=OBS) CODE
84110	POND OBSERVATION ASSESS WATER (0=DID NOT, 1=DID) CODE
84111	LITHOLOGIC MODIFIER CODE
84113	WELL INTAKE FINISH CODE
84114	WELL CASING MATERIAL CODE
84115	TYPE OF MATERIAL FROM WHICH OPENING IS MADE CODE
84116	DRILLING FLUID CODE
84117	TYPE OF SURFACE SEAL CODE
84118	METHOD OF DEVELOPMENT CODE
84120	PACKING MATERIAL CODE
84124	METHOD OF EVACUTAION CODE

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
84125	METHOD OF WATER-LEVEL MEASUREMENT CODE
84130	OUTFALL OBSERVATION, VISUAL, Y=YES N=NO CODE
84131	SAMPLING METHOD, CONFIDENCE CODE (A,B,C,D) CODE
84132	STREAMBANK, VEGETATIVE STABILITY RATING CODE
84133	STREAMBANK, STABILITY (BANK EROSION) RATING CODE
84134	PARTICLES, DEGREE SURROUNDED BY FINE SEDIMENT, CODE
84135	STREAMSIDE, (SHORELINE) COVER RATING CODE
84136	CANOPY TYPE CODE
84137	CHANNEL STABILITY RATING CODE (E,G,F,P) CODE
84138	COLIFORM, TOTAL, WATER, WHOLE, MPN, PRES=1, ABSNT=2, CODE
84139	ENTEROBACTER AGGLOMERANS, WTR, MF, PRES=1, ABSNT=2, CODE
84140	KLEBSIELLA PNEUMONIAE, WTR, WH, MF, PRES=1, ABSNT=2, CODE
84143	WELL, PURGING CONDITION CODE
84144	WELL, SELECTION CRITERIA CODE
84145	PROJECT COMPONENT CODE
84146	LAND USE, PREDOMINANT, WITHIN 100 FT OF WELL, CODE
84147	LAND USE, PREDOMINANT, 1/4 MI.RADIUS OF WELL, CODE
84148	LAND USE, PREDMNT., FRAC., WITHIN 1/4 MI OF WELL, CODE
84149	LAND USE, CHANGE, LAST 10 YRS, WITHIN 1/4MI WELL, CODE
84150	HABITAT QUALITY INDEX RATING CODE
84151	AQUATIC LIFE, USE CLASSES CODE
84152	STREAM, STAGE CLASS CODE
84153	STREAMBANKS, GRAZING DAMAGE CODE
84154	CHANNEL, MAJOR ALTERATIONS CODE
84155	RIFFLE/RUNS, OCCURRENCE CODE
84156	POOL, DESCRIPTION CODE
84157	SANDBARS, LARGE, OCCURRENCE CODE
84158	LAND USE, NEAR STREAM, PREDOMINANT CODE
84159	STREAM,COVER (INSTREAM SHELTER FOR ADULT FISH), CODE

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
84160	STREAM, DEGRADATION RATING CODE
84161	STREAM, ORDER CODE
84162	LAND RESOURCE AREA CODE
84163	FLOW, STREAM, CLASSIFICATION CODE
84165	DISCHARGE EVENT OBSERVATION, YES=1 NO=0, CODE
84166	STORM HYDROGRAPH, DIRECTION, (RISE,FALL), CODE
84167	MICROSCOPIC EXAMINATION CODE
84168	AVIAN SPECIES ALPHA CODE (BIRDS)
84169	MAMMALIAN ALPHA SPECIES CODE
84170	ALPHA AGE TEXT CODE
84200	LATITUDE/LONGITUDE COORDINATES OF WELL, METHOD CODE
84201	NATIONAL REFERENCE DATUM, ALTITUDE(VERTICAL) CODE
84202	ALTITUDE METHOD CODE
85000	STREAM MILE, ACTUAL MILES
85014	HABITAT, 1970 ACRES THIS TYPE FOR THIS STATION
85015	HAB., ESTIMATED ACRES THIS TYPE THIS STATION
85016	HAB., ESTIMATED ACRES THIS TYPE THIS STA. BY 1990
85017	HAB., ESTIMATED ACRES THIS TYPE THIS STA. BY 2000
85018	TYPE CODES: 1=CLEAR CUT/2=SELECT CUT/3=RNGE DEVLP
85019	ACRES, NO. ALTERED FROM 1965-1970 (0-5 YEARS OLD)
85020	ACRES, NO. ALTERED 1960-1965 (5-10 YEARS OLD)
85021	ACRES, NO. ALTERED 1955-1960 (10-15 YEARS OLD)
85022	ACRES, NO. ALTERED 1950-1955 (15-20 YEARS OLD)
85023	ACRES, NO. ALTERED BEFORE 1950 (20+ YEARS OLD)
85024	ACRES,PREDICTED YRLY.AVE.TO BE ALTERED IN FUTURE
85025	LANDOWNERS, CODES FOR ALL IN STATE OF OREGON
85026	ACRES, CURRENT OWNED THIS LANDOWNER THIS STATION
85027	ACRES, ESTIMATED OWNED BY L-O THIS STA. BY 1980
85028	ACRES, ESTIMATED OWNED BY L-O THIS STA. BY 1990

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
85029	ACRES, ESTIMATED OWNED BY L-O THIS STA. BY 2000
85030	LAND USES, CODES FOR ALL IN STATE OF OREGON
85031	ACRES, CURRENT DEDICATED TO THIS USE THIS STATION
85032	ACRES, ESTM. DEDICTD TO THIS USE THIS STA BY 1980
85033	ACRES, ESTM. DEDICTD TO THIS USE THIS STA BY 1990
85034	ACRES, ESTM. DEDICTD TO THIS USE BY YR.2000 --STA.
85035	HAB., INDICATED ANIMAL USES THIS TYPE IN WINTER
85036	HAB., INDICATED ANIMAL USES THIS TYPE IN SPRING
85037	HAB., INDICATED ANIMAL USES THIS TYPE IN SUMMER
85038	HAB., INDICATED ANIMAL USES THIS TYPE IN FALL
85039	HAB., INDICATED ANML USES THIS TYPE FOR WINTERING
85040	HAB., INDICATED ANML USES THIS TYPE FOR FEEDING
85041	HAB., INDICATED ANML USES TYPE FOR REARING YOUNG
85042	HAB., INDICATED BIRD USES THIS TYPE FOR NESTING
85043	HAB., INDICATED ANML USES THIS TYPE FOR SHELTER
85044	HAB., INDICATED ANML USES THIS TYPE FOR REST AREA
85045	ANML, SHOWS PRESENCE/ABSNC OF COMMENTS ON THIS ANML
85046	HAB.,ACRES OCCUPIED BY THIS ANML THIS UNIT & CO.
85050	ANIMALS ARE NOT PRESENT THIS STATION
85051	ANIMALS, ONLY A FEW ARE PRESENT THIS STATION
85052	ANIMALS COMMONLY SEEN; USE MODERATE THIS STATION
85053	ANIMALS FREQUENTLY SEEN; USE HEAVY THIS STATION
85070	OWNERSHIP (.1) AND ACCESS (.2) BY YEAR
85071	PRIVATE OWNERSHIP AND ACCESS MILEAGE
85072	FEDERAL OWNERSHIP AND ACCESS MILEAGE
85073	STATE OWNERSHIP AND ACCESS MILEAGE
85074	COUNTY OWNERSHIP AND ACCESS MILEAGE
85075	CITY OWNERSHIP AND ACCESS MILEAGE
85076	WATER YEAR DATA REFERS TO

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
85077	CALENDAR YEAR DATA REFERS TO
85088	MONTHS POLLUTION IS A PROBLEM JAN THRU JUNE
85089	MONTHS POLLUTION IS A PROBLEM JULY TO DECEMBER
85090	MAN-CAUSED CHANNEL CHANGE IN MILES
85091	STREAM BANK HABITAT DESTROYED IN MILES
85092	STREAMBED SILTED IN MILES
85093	TURBIDITY PROBLEM IN MILES
85094	SEVERITY: 1=ELIMINATES 2=INTERFERES 3=NO PROBLEM
85095	DURATION OF TURBIDITY PROBLEM IN MONTHS
85096	SEASON OF NATURAL DRY CHANNEL 1=SP 2=SU 3=F 4=W
85097	NATURAL DRY CHANNEL IN MILES
85098	MAN-CAUSED DRY CHANNEL SEASON 1=SP 2=SU 3=F 4=W
85099	MAN-CAUSED DRY CHANNEL IN MILES
85100	YEAR BARRIER IS PRESENT
85101	NUMBER OF NATURAL BARRIERS
85102	MILES BLOCKED BY NATURAL BARRIERS
85103	NUMBER OF NATURAL BARRIERS TO BE REMOVED
85104	NUMBER OF DAMS AND MAN CAUSED OBSTRUCTIONS
85105	MILES BLOCKED BY DAMS OR MAN CAUSED OBSTRUCTIONS
85106	NUMBER OF DAMS TO BE ALTERED
85107	MILES OF STREAM OCCUPIED BY IMPOUNDMENT
85108	LOWER END OF SECTION COVERED BY THIS FORM
85109	UPPER END OF SECTION COVERED BY THIS FORM
85110	LOWER LIMIT THIS SPECIES THIS FORM BY RIVER MILE
85111	UPPER LIMIT THIS SPECIES THIS FORM BY RIVER MILE
85112	STREAM SURVEY:1=COMPLETE 2=INCOMPLETE 3=NONE
85113	ABUNDANCE: 1=FSHWY/TAG&R 2=SURVEY 3=EST PLUS 4=EST
85114	ABUNDANCE: N=S&ST 1=ABUNDANT 4=SCARCE RGH FSH 3=SCARCE
85116	SQUARE YARDS OF SPAWNING AREA IN 1970

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
85117	SQUARE YARDS OF SPAWNING AREA IN 1980
85118	SQUARE YARDS OF SPAWNING AREA IN 1990
85119	SQUARE YARDS OF SPAWNING AREA IN 2000
85120	MILES OF REARING AREA IN 1970
85121	MILES OF REARING AREA IN 1980
85122	MILES OF REARING AREA IN 1990
85123	MILES OF REARING AREA IN 2000
85124	CATCH BY SPORT ANGLING IN 1970
85125	RECREATION DAYS SPENT ANGLING IN 1970
85126	RECREATION DAYS SPENT ANGLING IN 1980
85127	RECREATION DAYS SPENT ANGLING IN 1990
85128	RECREATION DAYS SPENT ANGLING IN 2000
85129	CONTRIBUTION TO COMMERCIAL CATCH IN 1970
85130	PERCENT OF TOTAL FISHING DONE FROM BOAT IN 1970
85131	PERCENT OF TOTAL FISHING DONE FROM BANK IN 1970
85132	PERCENT OF TOTAL FISHING DONE WITH LURE IN 1970
85133	PERCENT OF TOTAL FISHING DONE WITH BAIT IN 1970
85134	PERCENT OF TOTAL FISHING DONE WITH A FLY IN 1970
85146	YEAR THIS FACTOR HAS A LIMITING EFFECT
85157	MAN DAYS OF WATER SKIING
85158	SEVERITY: 1=INTERFERES 2=NO INTER. 3=NO ACTIVITY
85159	MAN DAYS OF BOATING OTHER THAN ANGLING
85160	SEVERITY: 1=INTERFERES 2=NO INTER. 3=NO ACTIVITY
85161	MAN DAYS OF SWIMMING
85162	SEVERITY: 1=INTERFERES 2=NO INTER. 3=NO ACTIVITY
85163	SEVERITY: 1=INTERFERES 2=NO INTER. 3=NOT PRESENT
85165	NUMBER OF MONTHS SUSPENDED SOLIDS ARE A PROBLEM
85167	NUMBER OF MONTHS PLANKTON IS A PROBLEM
85168	1=ELIMINATE PROD 2=REDUCE 3=NO INTER. 4=NOT PRES

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
85169	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85170	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85171	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85172	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85173	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85174	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85175	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85176	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85177	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85178	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85179	YEAR THIS NUMBER OF FACILITIES PRESENT
85180	NUMBER OF BOAT RAMPS
85181	NUMBER OF MOORAGES
85182	NUMBER OF PICNIC AREAS
85183	NUMBER OF CAMP AREAS
85184	NUMBER OF RESORTS
85185	YEAR THIS ZONED AREA PRESENT
85186	ACRES SET ASIDE FOR OTHER BOATING
85187	ACRES SET ASIDE FOR WATER SKIING
85188	MILES OF SHORE LOST TO ACCESS BY HOME SITES
85189	TOTAL MILES OF SHORELINE
85193	WILL RECR BE INC BY RELEASE OF FINGERL 0=NO 1=YES
85195	CATCH AND RECREATION ESTIMATE 1=BEST 4=POOREST
85333	PRECIPITATION-SAMPLE COLLECTION TIME-CODE- NES
85538	GAMMA SCAN DATE (YR,MO,DAY)
85539	DATE OF REPORT (YR,MO,DAY)
85658	TIME NIGHT CO2 HR
85661	TIME, INTERVAL DAY CO2 HR

Appendix F

National EPA Water Quality Criteria Summary[1]

The following table presents the national water quality criteria that were used to assess water quality data on a station-by-station basis and within the entire study area. Criteria are, for the most part, maximum values (except for dissolved oxygen, pH, and as noted). Criteria exist in any of four categories: Fresh Acute, Drinking Water, Marine Acute, and Other. Acute criteria are the highest 1-hour average concentrations which should not result in unacceptable impacts to aquatic organisms in either fresh or marine waters, respectively. The Drinking Water criteria are intended for human consumption; while the Other criteria represents National Park Service or other concerns. Parameters are listed in ascending order by STORET code. It is important to note that similar parameters often have non-consecutive codes. Consequently, scanning the entire list is necessary to obtain the criteria for all parameters of a particular type (eg. lead, copper, etc.). Refer to the Parameter Period of Record Tabulation to obtain the STORET code for any parameter measured in the park.

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
	00070				50[t]	TURBIDITY, JACKSON CANDLE UNITS	JTU	Physical
	00076				50[t]	TURBIDITY, HACH TURBIDIMETER, FORMAZIN TUR. UNITS	FTU	Physical
14808798	00154		250[s]			SULFATE (AS S) WHOLE WATER	MG/L	General Inorganic
7782447	00299				4.0[u]	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	MG/L	Dissolved Oxygen
7782447	00300				4.0[u]	OXYGEN, DISSOLVED	MG/L	Dissolved Oxygen
	00400				≤6.5, ≥9.0[#]	PH	SU	Physical
	00403				≤6.5, ≥9.0[#]	PH, LAB	SU	Physical
	00406				≤6.5, ≥9.0[#]	PH, FIELD	SU	Physical

[1]Sources: (1) U.S. Environmental Protection Agency, Quality Criteria for Water 1995, Final Draft; (2) U.S. Environmental Protection Agency, 40 CFR 141 - National Primary Drinking Water Regulations, and 40 CFR 143 - National Secondary Drinking Water Regulations, July 1, 1994; and (3) Others as Noted in Footnotes.

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
471341	00409				<200[=]	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYSIS	UEQ/L	General Inorganic
17778880	00613		1			NITRITE NITROGEN, DISSOLVED AS N	MG/L	Nitrogen
17778880	00615		1			NITRITE NITROGEN, TOTAL AS N	MG/L	Nitrogen
17778880	00618		10			NITRATE NITROGEN, DISSOLVED AS N	MG/L	Nitrogen
17778880	00620		10			NITRATE NITROGEN, TOTAL AS N	MG/L	Nitrogen
17778880	00628		10			NITRITE + NITRATE, SUSPENDED AS N	MG/L	Nitrogen
17778880	00630		10			NITRITE PLUS NITRATE, TOTAL 1 DET.	MG/L	Nitrogen
17778880	00631		10			NITRITE PLUS NITRATE, DISSOLVED 1 DET.	MG/L	Nitrogen
57125	00718	22	200	1.0		CYANIDE, WEAK ACID, DISSOCIABLE, WATER, WHOLE	UG/L	General Inorganic
57125	00719	22	200	1.0		CYANIDE, FREE,IN WATER&WASTEWATERS, HBG METHOD	UG/L	General Inorganic
57125	00720	0.022	0.2	0.001		CYANIDE, TOTAL	MG/L	General Inorganic
57125	00722	0.022	0.2	0.001		CYANIDE, FREE (AMENABLE TO CHLORINATION)	MG/L	General Inorganic
57125	00723	22	200	1.0		CYANIDE, DISSOLVED STD METHOD	UG/L	General Inorganic
57125	00724	22	200	1.0		CYANIDE COMPLEXED TO A RANGE OF COMPNDS, WATER	UG/L	General Inorganic
16887006	00940	860	250[s]			CHLORIDE,TOTAL IN WATER	MG/L	General Inorganic
16887006	00941	860	250[s]			CHLORIDE, DISSOLVED IN WATER	MG/L	General Inorganic
14808798	00945		250[s]			SULFATE, TOTAL (AS SO4)	MG/L	General Inorganic
14808798	00946		250[s]			SULFATE, DISSOLVED (AS SO4)	MG/L	General Inorganic
1332214	00948		7000000			ASBESTOS, WHOLE SAMPLE	CNT/L	General Inorganic
16984488	00950		4.0			FLUORIDE, DISSOLVED AS F	MG/L	General Inorganic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
16984488	00951		4.0			FLUORIDE, TOTAL AS F	MG/L	General Inorganic
7782414	00953		4000			FLUORINE, TOTAL	UG/L	General Inorganic
7440382	00978	360	50	69		ARSENIC, TOTAL RECOVERABLE IN WATER AS AS	UG/L	Metal
7782492	00981	20	50	300		SELENIUM,TOTAL RECOVERABLE IN WATER AS SE	UG/L	Metal
7440280	00982	1400*	2.0	2130*		THALLIUM, TOTAL RECOVERABLE IN WATER AS TL	UG/L	Metal
7782492	00990	20	50	300		SELENITE, TOTAL RECOVERABLE INORGANIC	UG/L	Metal
7440382	00991	360	50	69		ARSENIC, TOTAL RECOVERABLE TRIVALENT INORGANIC	UG/L	Metal
7440382	00995	360	50	69		ARSENIC, INORGANIC DISS	UG/L	Metal
7440382	00996	360	50	69		ARSENIC, INORGANIC SUSP	UG/L	Metal
7440382	00997	360	50	69		ARSENIC, INORGANIC TOT	UG/L	Metal
7440417	00998	130*	4.0			BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE	UG/L	Metal
7440382	01000	360	50	69		ARSENIC, DISSOLVED	UG/L	Metal
7440382	01001	360	50	69		ARSENIC, SUSPENDED	UG/L	Metal
7440382	01002	360	50	69		ARSENIC, TOTAL	UG/L	Metal
7440393	01005		2000			BARIUM, DISSOLVED	UG/L	Metal
7440393	01006		2000			BARIUM, SUSPENDED	UG/L	Metal
7440393	01007		2000			BARIUM, TOTAL	UG/L	Metal
7440393	01009		2000			BARIUM,TOTAL RECOVERABLE IN WATER AS BA	UG/L	Metal
7440417	01010	130*	4.0			BERYLLIUM, DISSOLVED	UG/L	Metal
7440417	01011	130*	4.0			BERYLLIUM, SUSPENDED	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7440417	01012	130*	4.0			BERYLLIUM, TOTAL	UG/L	Metal
7440439	01025	3.9+	5.0	43		CADMIUM, DISSOLVED	UG/L	Metal
7440439	01026	3.9+	5.0	43		CADMIUM, SUSPENDED	UG/L	Metal
7440439	01027	3.9+	5.0	43		CADMIUM, TOTAL	UG/L	Metal
7440473	01030		100			CHROMIUM, DISSOLVED	UG/L	Metal
7440473	01031		100			CHROMIUM, SUSPENDED	UG/L	Metal
7440473	01032	16	100	1100		CHROMIUM, HEXAVALENT	UG/L	Metal
16065831	01033	1700+	100	10300*		CHROMIUM, TRI-VAL	UG/L	Metal
7440473	01034		100			CHROMIUM, TOTAL	UG/L	Metal
7440508	01040	18+	1300a	2.9		COPPER, DISSOLVED	UG/L	Metal
7440508	01041	18+	1300a	2.9		COPPER, SUSPENDED	UG/L	Metal
7440508	01042	18+	1300a	2.9		COPPER, TOTAL	UG/L	Metal
7439921	01049	82+	15a	220		LEAD, DISSOLVED	UG/L	Metal
7439921	01050	82+	15a	220		LEAD, SUSPENDED	UG/L	Metal
7439921	01051	82+	15a	220		LEAD, TOTAL	UG/L	Metal
7440280	01057	1400*	2.0	2130*		THALLIUM, DISSOLVED	UG/L	Metal
7440280	01058	1400*	2.0	2130*		THALLIUM, SUSPENDED	UG/L	Metal
7440280	01059	1400*	2.0	2130*		THALLIUM, TOTAL	UG/L	Metal
7440020	01065	1400+	100	75		NICKEL, DISSOLVED	UG/L	Metal
7440020	01066	1400+	100	75		NICKEL, SUSPENDED	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7440020	01067	1400[+]	100	75		NICKEL, TOTAL	UG/L	Metal
7440020	01074	1400[+]	100	75		NICKEL, TOTAL RECOVERABLE IN WATER AS NI	UG/L	Metal
7440224	01075	4.1[+]	100[s]	0.12		SILVER, DISSOLVED	UG/L	Metal
7440224	01076	4.1[+]	100[s]	0.12		SILVER, SUSPENDED	UG/L	Metal
7440224	01077	4.1[+]	100[s]	0.12		SILVER, TOTAL	UG/L	Metal
7440224	01079	4.1[+]	100[s]	0.12		SILVER, TOTAL RECOVERABLE IN WATER AS AG	UG/L	Metal
7440508	01089	0.018[+]	1.3[a]	0.0029		COPPER AS SUSPENDED BLACK OXIDE IN WATER	MG/L	General Inorganic
7440666	01090	120[+]	5000[s]	95		ZINC, DISSOLVED	UG/L	Metal
7440666	01091	120[+]	5000[s]	95		ZINC, SUSPENDED	UG/L	Metal
7440666	01092	120[+]	5000[s]	95		ZINC, TOTAL	UG/L	Metal
7440666	01094	120[+]	5000[s]	95		ZINC, TOTAL RECOVERABLE IN WATER AS ZN	UG/L	Metal
7440360	01095	88[p]	6.0	1500[p]		ANTIMONY, DISSOLVED	UG/L	Metal
7440360	01096	88[p]	6.0	1500[p]		ANTIMONY, SUSPENDED	UG/L	Metal
7440360	01097	88[p]	6.0	1500[p]		ANTIMONY, TOTAL	UG/L	Metal
7440439	01113	3.9[+]	5.0	43		CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	UG/L	Metal
7439921	01114	82[+]	15[a]	220		LEAD, TOTAL RECOVERABLE IN WATER AS PB	UG/L	Metal
7440473	01118		100			CHROMIUM TOTAL RECOVERABLE IN WATER AS CR	UG/L	Metal
7440508	01119	18[+]	1300[a]	2.9		COPPER, TOTAL RECOVERABLE IN WATER AS CU	UG/L	Metal
7440280	01124	1400[*]	2.0	2130[*]		THALLIUM, ACID SOLUBLE, WATER, WHOLE	UG/L	Metal
7440280	01128	1400[*]	2.0	2130[*]		THALLIUM, TOTAL RECOVERABLE <95%	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7782492	01145	20	50	300		SELENIUM, DISSOLVED	UG/L	Metal
7782492	01146	20	50	300		SELENIUM, SUSPENDED	UG/L	Metal
7782492	01147	20	50	300		SELENIUM, TOTAL	UG/L	Metal
7782492	01167	20	50	300		SELENIUM, ACID SOLUBLE, WATER, WHOLE	UG/L	Metal
18540299	01220	16	100	1100		CHROMIUM, HEXAVALENT, DISSOLVED	UG/L	Metal
7440360	01268	88[p]	6.0	1500[p]		ANTIMONY (SB), WATER, TOTAL RECOVERABLE	UG/L	Metal
57125	01291	22	200	1.0		CYANIDE, FILTERABLE, TOTAL IN WATER	UG/L	General Inorganic
7440666	01303	0.120[+]	5.0[s]	0.095		ZINC, POTENTIALLY DISSOLVED WATER	MG/L	Metal
7440224	01304	0.0041[+]	0.1[s]	0.00012		SILVER, POTENTIALLY DISSOLVED WATER	MG/L	Metal
7440508	01306	0.018[+]	1.3[a]	0.0029		COPPER, POTENTIALLY DISSOLVED WATER	MG/L	Metal
18540299	01307	0.016	0.1	1.1		CHROMIUM, HEXAVALENT, POTENTIALLY DISSOLVED	MG/L	Metal
7440382	01309	0.36	0.05	0.069		ARSENIC, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7440393	01311		2.0			BARIUM, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7440417	01312	0.13[*]	0.004			BERYLLIUM, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7440439	01313	0.0039[+]	0.005	0.043		CADMIUM, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
16065831	01314	1.7[+]	0.1	10.3[*]		CHROMIUM, TRIVALENT, POTENTIALLY DISSOLVED	MG/L	Metal
7439921	01318	0.082[+]	0.015[a]	0.220		LEAD, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7439976	01321	0.0024	0.002	0.0021		MERCURY, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7440020	01322	1.4[+]	0.1	0.075		NICKEL, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7782492	01323	0.020	0.050	0.300		SELENIUM, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7440280	01324	1.4*	0.002	2.13*		THALLIUM, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7440611	01326		0.020c			URANIUM, POTENTIALLY DISSOLVED, WATER	MG/L	Metal
7440224	01523	4.1+	100s	0.12		SILVER, IONIC	UG/L	Metal
50328	03648		0.2			BENZO (A) PYRENE, LIQUID FRACTION, ELUTRIATE	UG/L	General Organic
122349	04035		4.0			SIMAZINE, DISSOLVED, WATER, TOTAL RECOVERABLE	UG/L	Pesticide
10028178	04124		20r			TRITIUM, TOTAL, WATER	PC/ML	Radiological
10028178	07000		20000r			TRITIUM, TOTAL	PC/L	Radiological
10028178	07005		20000r			TRITIUM, DISSOLVED	PC/L	Radiological
10028178	07010		20000r			TRITIUM, SUSPENDED	PC/L	Radiological
	09501		5.0			RADIUM 226, TOTAL	PC/L	Radiological
	09503		5.0			RADIUM 226, DISSOLVED	PC/L	Radiological
	09505		5.0			RADIUM 226, SUSPENDED	PC/L	Radiological
	11500		5.0			RADIUM 226 + RADIUM 228, DISSOLVED	PC/L	Radiological
	11501		5.0			RADIUM 228, TOTAL	PC/L	Radiological
	11503		5.0			RADIUM 226 + RADIUM 228, TOTAL	PC/L	Radiological
10098972	13501		8.0r			STRONTIUM 90, TOTAL	PC/L	Radiological
10098972	13503		8.0r			STRONTIUM 90, DISSOLVED	PC/L	Radiological
10098972	13505		8.0r			STRONTIUM 90, SUSPENDED	PC/L	Radiological
7782492	22675	20	50	300		SELENIUM, DISSOLVED ORGANIC	UG/L	Metal
7782492	22676	20	50	300		SELENIUM, HEXAVALENT, DISSOLVED	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7782492	22677	20	50	300		SELENIUM, TETRAVALENT, DISSOLVED	UG/L	Metal
7440382	22678	360	50	69		ARSENIC, DISSOLVED ORGANIC	UG/L	Metal
7440382	22679	850*	50	2319*		ARSENIC, PENTAVALENT,DISSOLVED	UG/L	Metal
7440382	22680	360	50	69		ARSENIC, TRIVALENT, DISSOLVED	UG/L	Metal
7440611	22703		20c			URANIUM, NATURAL DISSOLVED	UG/L	Metal
7440611	22705		20c			URANIUM, NATURAL SUSPENDED	UG/L	Metal
7440611	22706		20c			URANIUM, TOTAL AS U308	UG/L	Metal
7440611	22708		0.020c			URANIUM, NATURAL, TOTAL	MG/L	Radiological
7440611	28011		20c			URANIUM, NATURAL, TOTAL	UG/L	Radiological
88857	30191		7.0			DINOSEB, WATER, WHOLE RECOVERABLE	UG/L	Pesticide
75990	30200		200			DALAPON, WATER, WHOLE RECOVERABLE	UG/L	Pesticide
106934	30203		0.05			ETHANE, 1,2-DIBROMO-, WATER, WHOLE, RECOVERABLE	UG/L	Pesticide
	31501		1.0n		1000b	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	CFU/100ML	Bacteriological
	31503		1.0n		1000b	COLIFORM, TOTAL, MEMBRANE FILTER, DELAY. M-ENDO	CFU/100ML	Bacteriological
	31504		1.0n		1000b	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED. LES-ENDO	CFU/100ML	Bacteriological
	31505		1.0n		1000b	COLIFORM, TOTAL, MPN, CONF. TEST 35C (TUBE 31506)	MPN/100ML	Bacteriological
	31506		1.0n		1000b	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE CONFIG	MPN/100ML	Bacteriological
	31507		1.0n		1000b	COLIFORM, TOTAL, MPN, COMP. TEST 35C (TUBE 31508)	MPN/100ML	Bacteriological
	31508		1.0n		1000b	COLIFORM, TOTAL, MPN, COMP. TEST, TUBE CONFIG	MPN/100ML	Bacteriological
	31613				200^	FECAL COLIFORM, MEMBRANE FILTER, AGAR	CFU/100ML	Bacteriological

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
	31614				200^	FECAL COLIFORM, MPN, TUBE CONFIGURATION	MPN/100ML	Bacteriological
	31615				200^	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	MPN/100ML	Bacteriological
	31616				200^	FECAL COLIFORM, MEMBRANE FILTER, BROTH, 44.5C	CFU/100ML	Bacteriological
	31617				200^	FECAL COLIFORM, MPN, EIJKMAN, 44.5C (TUBE 31618)	MPN/100ML	Bacteriological
	31625				200^	FECAL COLIFORM, MF, M-FC, 0.7 UM	CFU/100ML	Bacteriological
	31648				126^	E. COLI, MTEC, MF	CFU/100ML	Bacteriological
	31649				33^	ENTEROCOCCI, ME, MF	CFU/100ML	Bacteriological
67663	32003	28900*	100[t]			CARBON CHLOROFORM AND CARBON ALCOHOL EXTRS.,TOTAL	UG/L	General Organic
67663	32005	28900*	100[t]			CARBON CHLOROFORM EXTRACTABLES	UG/L	General Organic
67663	32021	28900*	100[t]			CARBON CHLOROFORM EXTRACTS, ETHER INSOLUBLES OF	UG/L	General Organic
67663	32022	28900*	100[t]			CARBON CHLOROFORM EXTRACTS, WATER SOLUBLES OF	UG/L	General Organic
75274	32101		100[t]			BROMODICHLOROMETHANE, WHOLE WATER	UG/L	General Organic
56235	32102	35200*	5.0	50000*		CARBON TETRACHLORIDE, WHOLE WATER	UG/L	General Organic
107062	32103	118000*	5.0	113000*		1,2-DICHLOROETHANE,WHOLE WATER	UG/L	General Organic
75252	32104		100[t]			BROMOFORM, WHOLE WATER	UG/L	General Organic
124481	32105		100[t]			DIBROMOCHLOROMETHANE, WHOLE WATER	UG/L	General Organic
67663	32106	28900*	100[t]			CHLOROFORM, WHOLE WATER	UG/L	General Organic
56235	32260	35.2*	0.005	50*		CARBON TETRACHLORIDE EXTRACTABLES	MG/L	General Organic
67663	32270	28.9*	0.1[t]			CHLOROFORM EXTRACTABLES TOTAL	MG/L	General Organic
108883	34010	17500*	1000	6300*		TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
1330207	34020		10000			XYLENES IN WTR SMPLE GC-MS, HEXADECONE EXTR.	UG/L	General Organic
83329	34205	1700*		970*		ACENAPHTHENE, TOTAL	UG/L	General Organic
83329	34206	1700*		970*		ACENAPHTHENE, DISSOLVED	UG/L	General Organic
83329	34207	1700*		970*		ACENAPHTHENE, SUSPENDED	UG/L	General Organic
107028	34210	68*		55*		ACROLEIN, TOTAL	UG/L	Pesticide
107028	34211	68*		55*		ACROLEIN, DISSOLVED	UG/L	Pesticide
107028	34212	68*		55*		ACROLEIN, SUSPENDED	UG/L	Pesticide
107131	34215	7550*				ACRYLONITRILE, TOTAL	UG/L	General Organic
107131	34216	7550*				ACRYLONITRILE, DISSOLVED	UG/L	General Organic
107131	34217	7550*				ACRYLONITRILE, SUSPENDED	UG/L	General Organic
71432	34235	5300*	5.0	5100*		BENZENE, DISSOLVED	UG/L	General Organic
71432	34236	5300*	5.0	5100*		BENZENE, SUSPENDED	UG/L	General Organic
92875	34239	2500*				BENZIDINE, DISSOLVED	UG/L	General Organic
92875	34240	2500*				BENZIDINE, SUSPENDED	UG/L	General Organic
58899	34265	2.0	0.2	0.16		R-BHC (LINDANE) GAMMA, DISSOLVED	UG/L	Pesticide
58899	34266	2.0	0.2	0.16		R-BHC (LINDANE) GAMMA, SUSPENDED	UG/L	Pesticide
75252	34288		100[t]			BROMOFORM, DISSOLVED	UG/L	General Organic
75252	34289		100[t]			BROMOFORM, SUSPENDED	UG/L	General Organic
56235	34297	35200*	5.0	50000*		CARBON TETRACHLORIDE, DISSOLVED	UG/L	General Organic
56235	34298	35200*	5.0	50000*		CARBON TETRACHLORIDE, SUSPENDED	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
108907	34301		100			CHLOROBENZENE, TOTAL	UG/L	General Organic
108907	34302		100			CHLOROBENZENE, DISSOLVED	UG/L	General Organic
108907	34303		100			CHLOROBENZENE, SUSPENDED	UG/L	General Organic
124481	34306		100[t]			CHLORODIBROMOMETHANE, TOTAL	UG/L	General Organic
124481	34307		100[t]			CHLORODIBROMOMETHANE, DISSOLVED	UG/L	General Organic
124481	34308		100[t]			CHLORODIBROMOMETHANE, SUSPENDED	UG/L	General Organic
67663	34316	28900[*]	100[t]			CHLOROFORM, DISSOLVED	UG/L	General Organic
67663	34317	28900[*]	100[t]			CHLOROFORM, SUSPENDED	UG/L	General Organic
57125	34325	0.022	0.2	0.001		CYANIDE, SUSPENDED	MG/L	General Inorganic
75274	34328		100[t]			DICHLOROBROMOMETHANE, DISSOLVED	UG/L	General Organic
75274	34329		100[t]			DICHLOROBROMOMETHANE, SUSPENDED	UG/L	General Organic
122667	34346	270[*]				1,2-DIPHENYLHYDRAZINE, TOTAL	UG/L	General Organic
122667	34347	270[*]				1,2-DIPHENYLHYDRAZINE, DISSOLVED	UG/L	General Organic
122667	34348	270[*]				1,2-DIPHENYLHYDRAZINE, SUSPENDED	UG/L	General Organic
33213659	34356	0.22		0.034		ENDOSULFAN, BETA, TOTAL	UG/L	Pesticide
33213659	34357	0.22		0.034		ENDOSULFAN, BETA, DISSOLVED	UG/L	Pesticide
33213659	34358	0.22		0.034		ENDOSULFAN, BETA, SUSPENDED	UG/L	Pesticide
959988	34361	0.22		0.034		ENDOSULFAN, ALPHA, TOTAL	UG/L	Pesticide
959988	34362	0.22		0.034		ENDOSULFAN, ALPHA, DISSOLVED	UG/L	Pesticide
959988	34363	0.22		0.034		ENDOSULFAN, ALPHA, SUSPENDED	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
100414	34371	32000*	700	430*		ETHYLBENZENE, TOTAL	UG/L	General Organic
100414	34372	32000*	700	430*		ETHYLBENZENE, DISSOLVED	UG/L	General Organic
100414	34373	32000*	700	430*		ETHYLBENZENE, SUSPENDED	UG/L	General Organic
206440	34376	3980*		40*		FLUORANTHENE, TOTAL	UG/L	General Organic
206440	34377	3980*		40*		FLUORANTHENE, DISSOLVED	UG/L	General Organic
206440	34378	3980*		40*		FLUORANTHENE, SUSPENDED	UG/L	General Organic
77474	34386	7.0*	50	7.0*		HEXACHLOROCYCLOPENTADIENE, TOTAL	UG/L	General Organic
77474	34387	7.0*	50	7.0*		HEXACHLOROCYCLOPENTADIENE, DISSOLVED	UG/L	General Organic
77474	34388	7.0*	50	7.0*		HEXACHLOROCYCLOPENTADIENE, SUSPENDED	UG/L	General Organic
87683	34391	90*		32*		HEXACHLOROBUTADIENE, TOTAL	UG/L	General Organic
87683	34392	90*		32*		HEXACHLOROBUTADIENE, DISSOLVED	UG/L	General Organic
87683	34393	90*		32*		HEXACHLOROBUTADIENE, SUSPENDED	UG/L	General Organic
67721	34396	980*		940*		HEXACHLOROETHANE, TOTAL	UG/L	General Organic
67721	34397	980*		940*		HEXACHLOROETHANE, DISSOLVED	UG/L	General Organic
67721	34398	980*		940*		HEXACHLOROETHANE, SUSPENDED	UG/L	General Organic
118741	34401	6.0[p]	1.0			HEXACHLOROBENZENE, DISSOLVED	UG/L	General Organic
118741	34402	6.0[p]	1.0			HEXACHLOROBENZENE, SUSPENDED	UG/L	General Organic
193395	34403		0.40[c]			INDENO (1,2,3-CD) PYRENE, TOTAL	UG/L	General Organic
193395	34404		0.40[c]			INDENO (1,2,3-CD) PYRENE, DISSOLVED	UG/L	General Organic
193395	34405		0.40[c]			INDENO (1,2,3-CD) PYRENE, SUSPENDED	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
78591	34408	117000*		12900*		ISOPHORONE, TOTAL	UG/L	Pesticide
78591	34409	117000*		12900*		ISOPHORONE, DISSOLVED	UG/L	Pesticide
78591	34410	117000*		12900*		ISOPHORONE, SUSPENDED	UG/L	Pesticide
75092	34423		5.0			METHYLENE CHLORIDE, TOTAL	UG/L	General Organic
75092	34424		5.0			METHYLENE CHLORIDE, DISSOLVED	UG/L	General Organic
75092	34425		5.0			METHYLENE CHLORIDE, SUSPENDED	UG/L	General Organic
91203	34443	2300*		2350*		NAPHTHALENE, DISSOLVED	UG/L	General Organic
91203	34444	2300*		2350*		NAPHTHALENE, SUSPENDED	UG/L	General Organic
98953	34447	27000*		6680*		NITROBENZENE, TOTAL	UG/L	General Organic
98953	34448	27000*		6680*		NITROBENZENE, DISSOLVED	UG/L	General Organic
98953	34449	27000*		6680*		NITROBENZENE, SUSPENDED	UG/L	General Organic
59507	34452	30*				PARACHLOROMETA CRESOL, TOTAL	UG/L	General Organic
59507	34453	30*				PARACHLOROMETA CRESOL, DISSOLVED	UG/L	General Organic
59507	34454	30*				PARACHLOROMETA CRESOL, SUSPENDED	UG/L	General Organic
87865	34459	20***	1.0	13		PCP (PENTACHLOROPHENOL), DISSOLVED	UG/L	Pesticide
87865	34460	20***	1.0	13		PCP (PENTACHLOROPHENOL), SUSPENDED	UG/L	Pesticide
85018	34461	30p		7.7p		PHENANTHRENE, TOTAL	UG/L	General Organic
85018	34462	30p		7.7p		PHENANTHRENE, DISSOLVED	UG/L	General Organic
85018	34463	30p		7.7p		PHENANTHRENE, SUSPENDED	UG/L	General Organic
108952	34466	10200*		5800*		PHENOL, DISSOLVED	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
108952	34467	10200*		5800*		PHENOL, SUSPENDED	UG/L	General Organic
127184	34475	5280*	5.0	10200*		TETRACHLOROETHYLENE, TOTAL	UG/L	General Organic
127184	34476	5280*	5.0	10200*		TETRACHLOROETHYLENE, DISSOLVED	UG/L	General Organic
127184	34477	5280*	5.0	10200*		TETRACHLOROETHYLENE, SUSPENDED	UG/L	General Organic
108883	34481	17500*	1000	6300*		TOLUENE, DISSOLVED	UG/L	General Organic
108883	34482	17500*	1000	6300*		TOLUENE, SUSPENDED	UG/L	General Organic
79016	34485	45000*	5.0	2000*		TRICHLOROETHYLENE, DISSOLVED	UG/L	General Organic
79016	34486	45000*	5.0	2000*		TRICHLOROETHYLENE, SUSPENDED	UG/L	General Organic
75014	34493		2.0			VINYL CHLORIDE, DISSOLVED	UG/L	General Organic
75014	34494		2.0			VINYL CHLORIDE, SUSPENDED	UG/L	General Organic
75354	34501		7.0			1,1-DICHLOROETHYLENE, TOTAL	UG/L	General Organic
75354	34502		7.0			1,1-DICHLOROETHYLENE, DISSOLVED	UG/L	General Organic
75354	34503		7.0			1,1-DICHLOROETHYLENE, SUSPENDED	UG/L	General Organic
71556	34506		200	31200*		1,1,1-TRICHLOROETHANE, TOTAL	UG/L	General Organic
71556	34507		200	31200*		1,1,1-TRICHLOROETHANE, DISSOLVED	UG/L	General Organic
71556	34508		200	31200*		1,1,1-TRICHLOROETHANE, SUSPENDED	UG/L	General Organic
79005	34511		5.0			1,1,2-TRICHLOROETHANE, TOTAL	UG/L	General Organic
79005	34512		5.0			1,1,2-TRICHLOROETHANE, DISSOLVED	UG/L	General Organic
79005	34513		5.0			1,1,2-TRICHLOROETHANE, SUSPENDED	UG/L	General Organic
79345	34516			9020*		1,1,2,2-TETRACHLOROETHANE, TOTAL	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
79345	34517			9020*		1,1,2,2-TETRACHLOROETHANE, DISSOLVED	UG/L	General Organic
79345	34518			9020*		1,1,2,2-TETRACHLOROETHANE, SUSPENDED	UG/L	General Organic
107062	34531	118000*	5.0	113000*		1,2-DICHLOROETHANE, TOTAL	UG/L	General Organic
107062	34532	118000*	5.0	113000*		1,2-DICHLOROETHANE, DISSOLVED	UG/L	General Organic
107062	34533	118000*	5.0	113000*		1,2-DICHLOROETHANE, SUSPENDED	UG/L	General Organic
95501	34536		600			1,2-DICHLOROBENZENE, TOTAL	UG/L	General Organic
95501	34537		600			1,2-DICHLOROBENZENE, DISSOLVED	UG/L	General Organic
95501	34538		600			1,2-DICHLOROBENZENE, SUSPENDED	UG/L	General Organic
78875	34541		5.0			1,2-DICHLOROPROPANE, TOTAL	UG/L	General Organic
78875	34542		5.0			1,2-DICHLOROPROPANE, DISSOLVED	UG/L	General Organic
78875	34543		5.0			1,2-DICHLOROPROPANE, SUSPENDED	UG/L	General Organic
156605	34546		100			TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER	UG/L	General Organic
156605	34547		100			TRANS-1,2-DICHLOROETHENE, DISSOLVED	UG/L	General Organic
156605	34548		100			TRANS-1,2-DICHLOROETHENE, SUSPENDED	UG/L	General Organic
120821	34551		70			1,2,4-TRICHLOROBENZENE, TOTAL	UG/L	General Organic
120821	34552		70			1,2,4-TRICHLOROBENZENE, DISSOLVED	UG/L	General Organic
120821	34553		70			1,2,4-TRICHLOROBENZENE, SUSPENDED	UG/L	General Organic
541731	34566		600			1,3-DICHLOROBENZENE, TOTAL	UG/L	General Organic
541731	34567		600			1,3-DICHLOROBENZENE, DISSOLVED	UG/L	General Organic
541731	34568		600			1,3-DICHLOROBENZENE, SUSPENDED	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
106467	34571		75			1,4-DICHLOROBENZENE, TOTAL	UG/L	General Organic
106467	34572		75			1,4-DICHLOROBENZENE, DISSOLVED	UG/L	General Organic
106467	34573		75			1,4-DICHLOROBENZENE, SUSPENDED	UG/L	General Organic
95578	34586	4380*				2-CHLOROPHENOL, TOTAL	UG/L	General Organic
95578	34587	4380*				2-CHLOROPHENOL, DISSOLVED	UG/L	General Organic
95578	34588	4380*				2-CHLOROPHENOL, SUSPENDED	UG/L	General Organic
120832	34601	2020*				2,4-DICHLOROPHENOL, TOTAL	UG/L	General Organic
120832	34602	2020*				2,4-DICHLOROPHENOL, DISSOLVED	UG/L	General Organic
120832	34603	2020*				2,4-DICHLOROPHENOL, SUSPENDED	UG/L	General Organic
105679	34606	2120*				2,4-DIMETHYLPHENOL, TOTAL	UG/L	General Organic
105679	34607	2120*				2,4-DIMETHYLPHENOL, DISSOLVED	UG/L	General Organic
105679	34608	2120*				2,4-DIMETHYLPHENOL, SUSPENDED	UG/L	General Organic
121142	34611	330*		590*		2,4-DINITROTOLUENE, TOTAL	UG/L	General Organic
121142	34612	330*		590*		2,4-DINITROTOLUENE, DISSOLVED	UG/L	General Organic
121142	34613	330*		590*		2,4-DINITROTOLUENE, SUSPENDED	UG/L	General Organic
72548	34651	0.6*		3.6*		P,P'-DDD, DISSOLVED	UG/L	Pesticide
72548	34652	0.6*		3.6*		P,P'-DDD, SUSPENDED	UG/L	Pesticide
72559	34653	1050*		14*		P,P'-DDE, DISSOLVED	UG/L	Pesticide
72559	34654	1050*		14*		P,P'-DDE, SUSPENDED	UG/L	Pesticide
50293	34655	1.1		0.13		P,P'-DDT, DISSOLVED	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
50293	34656	1.1		0.13		P,P'-DDT, SUSPENDED	UG/L	Pesticide
1746016	34675	0.01*	0.00003			2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN(TCDD), TOT	UG/L	General Organic
1746016	34676	0.01*	0.00003			2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN(TCDD), DISS	UG/L	General Organic
1746016	34677	0.01*	0.00003			2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN(TCDD), SUSP	UG/L	General Organic
108952	34694	10200*		5800*		PHENOL (C6H5OH) - SINGLE COMPOUND, TOTAL	UG/L	General Organic
91203	34696	2300*		2350*		NAPHTHALENE, TOTAL	UG/L	General Organic
75990	38432		200			DALAPON, WATER, TOTAL	UG/L	Pesticide
75990	38433		200			DALAPON, WATER, DISSOLVED	UG/L	Pesticide
75990	38434		200			DALAPON, WATER, SUSPENDED	UG/L	Pesticide
96128	38437		0.2			DIBROMOCHLOROPROPANE, WATER, TOTAL	UG/L	Pesticide
96128	38438		0.2			DIBROMOCHLOROPROPANE, WATER, DISSOLVED	UG/L	Pesticide
96128	38439		0.2			DIBROMOCHLOROPROPANE WATER, SUSPENDED	UG/L	Pesticide
96128	38760		0.2			DBCP, WATER, TOTAL	UG/L	Pesticide
96128	38761		0.2			DBCP, WATER, DISSOLVED	UG/L	Pesticide
96128	38762		0.2			DBCP, WATER, SUSPENDED	UG/L	Pesticide
88857	38779		7.0			DINOSEB, DISSOLVED	UG/L	Pesticide
88857	38780		7.0			DINOSEB, SUSPENDED	UG/L	Pesticide
23135220	38865		200			OXAMYL, TOTAL	UG/L	Pesticide
23135220	38866		200			OXAMYL, DISSOLVED	UG/L	Pesticide
23135220	38867		200			OXAMYL, SUSPENDED	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
145733	38926		100			ENDOTHALL, WHOLE WATER SAMPLE	UG/L	Pesticide
2921882	38932	0.083		0.011		CHLORPYRIFOS, TOTAL RECOVERABLE	UG/L	Pesticide
2921882	38933	0.083		0.011		CHLORPYRIFOS, DISSOLVED	UG/L	Pesticide
2163806	38935		50			MONOSODIUM METHANEARSONATE (MSMA)	UG/L	Pesticide
2921882	39012	0.083		0.011		DURSBAN, FLAME PHOTOMETRIC, WATER SAMPLE	UG/L	Pesticide
56382	39015	0.065				ETHYLPARATHION, FLAME IONIFATION, WATER SAMPLE	UG/L	Pesticide
122349	39025		4.0			SIMAZINE, COULSON CONDUCTIVITY WATER SAMPLE	UG/L	Pesticide
87865	39032	20***	1.0	13		PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE	UG/L	Pesticide
1912249	39033		3.0			ATRAZINE IN WHOLE WATER SAMPLE	UG/L	Pesticide
118741	39039	6.0[p]	1.0			HEXACHLOROBENZENE WATER SAMPLE, ELECTRON CPT	UG/L	Pesticide
93721	39045		50			2,4,5-TP INCLUDES ACIDS & SALTS WATER SAMPLE	UG/L	Pesticide
116063	39053		3.0			ALDICARB IN WHOLE WATER	UG/L	Pesticide
122349	39055		4.0			SIMAZINE IN WHOLE WATER	UG/L	Pesticide
117817	39100	2000*	6.0			BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER	UG/L	General Organic
117817	39103	2000*	6.0			BIS(2-ETHYLHEXYL) PHTHALATE, DISSOLVED	UG/L	General Organic
117817	39104	2000*	6.0			BIS(2-ETHYLHEXYL) PHTHALATE, SUSPENDED	UG/L	General Organic
	39117	0.94*		2.994*		PHTHLATE ESTERS IN WATER	MG/L	General Organic
75014	39175		2.0			VINYL CHLORIDE-WHOLE WATER SAMPLE	UG/L	General Organic
79016	39180	45000*	5.0	2000*		TRICHLOROETHYLENE-WHOLE WATER SAMPLE	UG/L	General Organic
50293	39300	1.1		0.13		P,P' DDT IN WHOLE WATER SAMPLE	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
72548	39310	0.6*		3.6*		P,P' DDD IN WHOLE WATER SAMPLE	UG/L	Pesticide
72559	39320	1050*		14*		P,P' DDE IN WHOLE WATER SAMPLE	UG/L	Pesticide
309002	39330	3.0		1.3		ALDRIN IN WHOLE WATER SAMPLE	UG/L	Pesticide
309002	39331	3.0		1.3		ALDRIN IN FILT. FRAC. OF WAT. SAMP.	UG/L	Pesticide
309002	39332	3.0		1.3		ALDRIN IN SUSP. FRAC. OF WAT. SAMP.	UG/L	Pesticide
58899	39340	2.0	0.2	0.16		GAMMA-BHC(LINDANE), WHOLE WATER	UG/L	Pesticide
58899	39341	2.0	0.2	0.16		GAMMA-BHC(LINDANE), DISSOLVED	UG/L	Pesticide
58899	39342	2.0	0.2	0.16		GAMMA-BHC(LINDANE), SUSPENDED	UG/L	Pesticide
57749	39350	2.4	2.0	0.09		CHLORDANE(TECH MIX & METABS), WHOLE WATER	UG/L	Pesticide
57749	39352	2.4	2.0	0.09		CHLORDANE(TECH MIX & METABS), DISSOLVED	UG/L	Pesticide
57749	39353	2.4	2.0	0.09		CHLORDANE(TECH MIX & METABS), SUSPENDED	UG/L	Pesticide
72548	39360	0.6*		3.6*		DDD IN WHOLE WATER SAMPLE	UG/L	Pesticide
72548	39361	0.6*		3.6*		DDD IN FILT. FRAC. OF WATER SMAPLE	UG/L	Pesticide
72548	39362	0.6*		3.6*		DDD IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
72559	39365	1050*		14*		DDE IN WHOLE WATER SAMPLE	UG/L	Pesticide
72559	39366	1050*		14*		DDE IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
72559	39367	1050*		14*		DDE IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
50293	39370	1.1		0.13		DDT IN WHOLE WATER SAMPLE	UG/L	Pesticide
50293	39371	1.1		0.13		DDT IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
50293	39372	1.1		0.13		DDT IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
60571	39380	2.5		0.71		DIELDRIN IN WHOLE WATER SAMPLE	UG/L	Pesticide
60571	39381	2.5		0.71		DIELDRIN IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
60571	39382	2.5		0.71		DIELDRIN IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
115297	39388	0.22		0.034		ENDOSULFAN IN WHOLE WATER SAMPLE	UG/L	Pesticide
72208	39390	0.18	2.0	0.037		ENDRIN IN WHOLE WATER SAMPLE	UG/L	Pesticide
72208	39391	0.18	2.0	0.037		ENDRIN IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
72208	39392	0.18	2.0	0.037		ENDRIN IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
8001352	39400	0.73	3.0	0.21		TOXAPHENE IN WHOLE WATER SAMPLE	UG/L	Pesticide
8001352	39401	0.73	3.0	0.21		TOXAPHENE IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
8001352	39402	0.73	3.0	0.21		TOXAPHENE IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
76448	39410	0.52	0.4	0.053		HEPTACHLOR IN WHOLE WATER SAMPLE	UG/L	Pesticide
76448	39411	0.52	0.4	0.053		HEPTACHLOR IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
76448	39412	0.52	0.4	0.053		HEPTACHLOR IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
1024573	39420	0.52	0.2	0.053		HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	UG/L	Pesticide
1024573	39421	0.52	0.2	0.053		HEPTACHLOR EPOXIDE IN FILT. FRAC. WATER SAMPLE	UG/L	Pesticide
1024573	39422	0.52	0.2	0.053		HEPTACHLOR EPOXIDE IN SUSP. FRAC. WATER SAMPLE	UG/L	Pesticide
72435	39478		40			METHOXYCHLOR IN WHOLE WATER DISSOLVED	UG/L	Pesticide
72435	39479		40			METHOXYCHLOR IN WHOLE WATER SUSPENDED	UG/L	Pesticide
72435	39480		40			METHOXYCHLOR IN WHOLE WATER SAMPLE	UG/L	Pesticide
56382	39540	0.065				PARATHION IN WHOLE WATER SAMPLE	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
56382	39542	0.065				PARATHION IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
56382	39543	0.065				PARATHION IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
1912249	39630		3.0			ATRAZINE(AATREX) IN WHOLE WATER SAMPLE	UG/L	Pesticide
1912249	39632		3.0			ATRAZINE DISSOLVED IN WATER	PPB	Pesticide
118741	39700	6.0[p]	1.0			HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	UG/L	General Organic
87683	39702	90[*]		32[*]		HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE	UG/L	General Organic
1918021	39720		500			PICLORAM IN WHOLE WATER SAMPLE	UG/L	Pesticide
94757	39730		70			2,4-D IN WHOLE WATER SAMPLE	UG/L	Pesticide
94757	39732		70			2,4-D IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
94757	39733		70			2,4-D IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
93721	39760		50			SILVEX IN WHOLE WATER SAMPLE	UG/L	Pesticide
93721	39762		50			SILVEX IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
93721	39763		50			SILVEX IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
58899	39782	2.0	0.2	0.16		LINDANE IN WHOLE WATER SAMPLE	UG/L	Pesticide
1071836	39941		700			ROUNDUP IN WHOLE WATER SAMPLE (GLYPHOSATE)	UG/L	Pesticide
7782505	45650	0.019		0.013		CHLORINE, IN ORGANIC COMPOUNDS, WATER, WHOLE	MG/L	General Inorganic
56382	46315	0.065				ETHYL PARATHION IN WHOLE WATER SAMPLE	UG/L	Pesticide
58899	46322	2.0	0.2	0.16		LINDANE PLUS ISOMERS IN WHOLE WATER SAMPLE	UG/L	Pesticide
76448	46326	0.52	0.4	0.053		HEPTACHLOR AND METABOLITES IN WHOLE H2O SAMPLE	UG/L	Pesticide
15972608	46342		2.0			ALACHLOR (LASSO), WATER, DISSOLVED	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7782505	46472	0.019		0.013		CHLORINE, TOTAL RESIDUAL, AVERAGE VALUE, WATER	MG/L	General Inorganic
7782505	46473	0.019		0.013		CHLORINE, FREE AVAILABLE, AVERAGE VALUE, WATER	MG/L	General Inorganic
57125	46479	22	200	1.0		CYANIDE, DISSOLVED, WATER	UG/L	General Inorganic
7440382	46551	360	50	69		ARSENIC, FIELD ACIDIFIED W/HNO3, LAB FILTERED	UG/L	Metal
7440393	46558		2000			BARIUM, FIELD ACIDIFIED W/HNO3-LAB FILT	UG/L	Metal
7440439	46559	3.9[+]	5.0	43		CADMIUM,FIELD ACIDIFIED-HNO3-LAB FILTER	UG/L	Metal
7440473	46560		100			CHROMIUM, FIELD ACIDIFIED-HNO3-LAB FILT.	UG/L	Metal
7440508	46562	18[+]	1300[a]	2.9		COPPER, FIELD ACIDIFIED-HNO3- LAB FILTER.	UG/L	Metal
7439921	46564	82[+]	15[a]	220		LEAD, FIELD ACIDIFIED-HNO3-LAB FILTERED	UG/L	Metal
7440224	46566	4.1[+]	100[s]	0.12		SILVER, FIELD ACIDIFIED-HNO3-LAB FILTER.	UG/L	Metal
7440666	46567	120[+]	5000[s]	95		ZINC, EXTRACTABLE, FIELD ACID W/HNO3,LAB FILTR	UG/L	Metal
56382	49011	0.065				UNKNOWNS AS PARATHION IN WHOLE WATER SAMPLE	UG/L	Pesticide
7782505	50058	0.019		0.013		CHLORINE DOSE	MG/L	General Inorganic
7782505	50060	0.019		0.013		CHLORINE, TOTAL RESIDUAL	MG/L	General Inorganic
7782505	50064	0.019		0.013		CHLORINE, FREE AVAILABLE	MG/L	General Inorganic
7782505	50066	0.019		0.013		CHLORINE, COMBINED AVAILABLE	MG/L	General Inorganic
7782505	50074	0.019		0.013		CHLORITE, WHOLE WATER	MG/L	General Inorganic
	61215				200[^]	FECAL COLIFORM, GENERAL #/100ML	#/100ML	Bacteriological
16887006	70352	860	250[s]			CHLORIDE, ORGANIC	MG/L	General Organic
14797558	71850		44			NITRATE NITROGEN, TOTAL (AS NO3)	MG/L	Nitrogen

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
14797558	71851		44			NITRATE NITROGEN, DISSOLVED (AS NO3)	MG/L	Nitrogen
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

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
103231	77903		400			BIS (2-ETHYLHEXYL) ADIPATE, WHOLE WATER	UG/L	General Organic
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

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7440020	81752	1400[+]	100	75		NICKEL, INTERSTITIAL WATER FROM SEDIMENTS	UG/L	Metal
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

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
115297	82355	0.22		0.034		ENDOSULFAN, SUSPENDED IN WATER	UG/L	Pesticide
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
7440382	82702	360	50	69		ARSENIC, FIELD ACIDIFIED, DECANTED, WATER	UG/L	Metal
7440393	82703		2			BARIUM, FIELD ACIDIFIED, DECANTED, WATER	MG/L	Metal
7440417	82704	130*	4.0			BERYLLIUM, FIELD ACIDIFIED, DECANTED, WATER	UG/L	Metal
7440439	82705	3.9+	5.0	43		CADMIUM, FIELD ACIDIFIED, DECANTED, WATER	UG/L	Metal
7440473	82706		100			CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER	UG/L	Metal
7440508	82708	18+	1300[a]	2.9		COPPER, FIELD ACIDIFIED, DECANTED, WATER	UG/L	Metal
7439921	82711	82+	15[a]	220		LEAD, FIELD ACIDIFIED, DECANTED, WATER	UG/L	Metal
7439976	82713	2.4	2.0	2.1		MERCURY, FIELD ACIDIFIED, DECANTED, WATER	UG/L	Metal
7440020	82715	1400+	100	75		NICKEL, FIELD ACIDIFIED, DECANTED, WATER	UG/L	Metal
7440224	82716	4.1+	100[s]	0.12		SILVER, FIELD ACIDIFIED, DECANTED, WATER	UG/L	Metal
7440666	82719	120+	5000[s]	95		ZINC, FIELD ACIDIFIED, DECANTED, WATER	UG/L	Metal

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	-
61214	FECAL STREPTOCOCCI, GENERAL #/100ML	-
61215	FECAL COLIFORM, GENERAL #/100ML	-

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

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
00723	CYANIDE, DISSOLVED STD METHOD (UG/L)	57125
00724	CYANIDE COMPLEXED TO A RANGE OF COMPNDS (UG/L)	57125
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

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
01040	COPPER, DISSOLVED (UG/L AS CU)	7440508
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
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	7440382
82704	BERYLLIUM, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	7440417
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	7440439
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	7440473
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	7440508
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	7439921
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	7439976
82715	NICKEL, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	7440020
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	7440224
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	7440666
85006	ZINC, TOTAL - (#/DAY)	7440666
85007	CHROMIUM, TOTAL (#/DAY)	7440473
85010	NICKEL, TOTAL - (#/DAY)	7440020
85013	MERCURY, TOTAL - (#/DAY)	7439976

Appendix H

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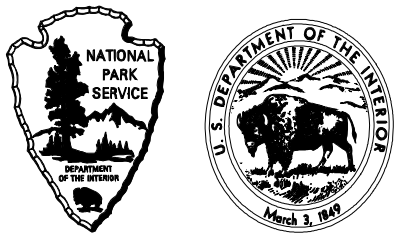
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As the nation's principal conservation agency, the Department of the Interior has the responsibility for most of our nationally owned public lands and natural and cultural resources. This includes fostering wise use of our land and water resources, protecting our fish and wildlife, preserving the environmental and cultural values of our national parks and historical places, and providing for enjoyment of life through outdoor recreation. The Department assesses our energy and mineral resources and works to ensure that their development is in the best interests of all our people. The Department also promotes the goals of the Take Pride in America campaign by encouraging stewardship and citizen responsibility for the public lands and promoting citizen participation in their care. The Department also has a major responsibility for American Indian reservation communities and for people who live in island territories under U.S. administration.

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