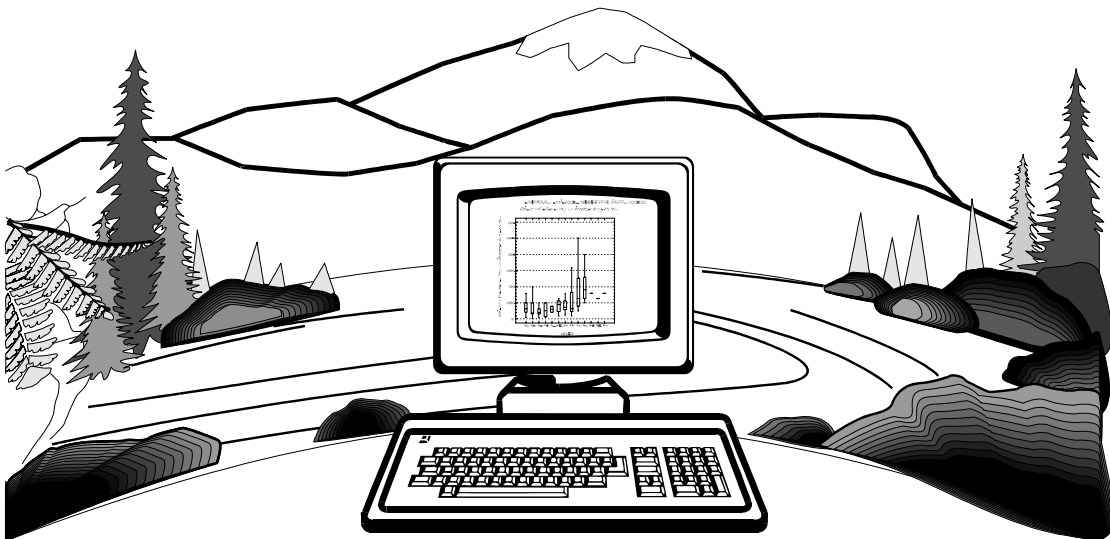
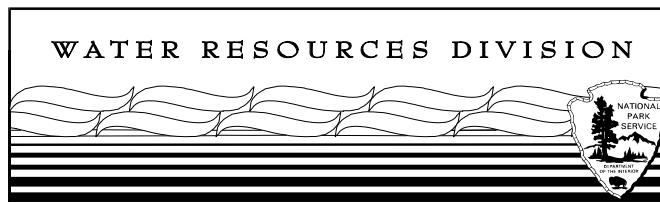

BASELINE WATER QUALITY DATA

INVENTORY AND ANALYSIS

Canyonlands National Park



WATER RESOURCES DIVISION AND SERVICEWIDE INVENTORY AND MONITORING PROGRAM



*National Park Service - Department of the Interior
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BASELINE WATER QUALITY DATA
INVENTORY AND ANALYSIS
CANYONLANDS NATIONAL PARK

National Park Service
Water Resources Division
Fort Collins, CO 80525

Technical Report NPS/NRWRD/NRTR-2000/276

FEBRUARY 2003

United States Department of the Interior
National Park Service
Washington, D.C.

EXECUTIVE SUMMARY

This document presents the results of surface-water-quality data retrievals for Canyonlands National Park (CANY) 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 CANY study area from the IFD, DRINKS, GAGES, and DAMS databases located no industrial/municipal dischargers; no drinking water intakes; five inactive (since 1991) U.S. Geological Survey (USGS) stream gages; and seven water impoundments. The results of the STORET retrieval for the study area yielded 39,867 observations for 222 separate parameters collected by the NPS, USGS, U.S. Forest Service, EPA, and Utah Department of Environmental Quality (UDEQ) at 299 monitoring stations from 1948 through 1999. Approximately 78 percent of the 39,867 observations within the study area were collected by the UDEQ from 1977 through 1999. Of the 299 monitoring stations, 177 stations were located within the CANY park boundaries (see Station Period of Record Tabulation). Six UDEQ stations within the study area (four within the CANY park boundaries) 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. Sixty-one stations within the study area (42 within the CANY park boundaries) yielded longer-term records consisting of multiple observations for several important water quality parameters (see Station Period of Record Tabulation). The stations yielding the longest-term records within the CANY park boundaries are: (1) Green River just upstream of the confluence with the Colorado River (CANY 0153); (2) Colorado River just upstream of the confluence with the Green River (CANY 0156); (3) Colorado River at Lathrop Canyon (CANY 0227); (4) Colorado River at Indian Creek (CANY 0217); and (5) Chocolate Drops Spring .5 miles south of the Maze Overlook (CANY 0187). The stations yielding the longest-term records within the study area, but outside of the CANY park boundaries, are: (1) Green River at Mineral Bottoms (CANY 0291); (2) North Cottonwood Creek at Beef Basin Road Crossing (CANY 0040); (3) Colorado River at the Potash Boat Ramp (CANY 0284); (4) Colorado River .25 miles downstream of the confluence with Moab Salt Company Canyon Number 3 (CANY 0277); and (5) Indian Creek near the State Route 211 Bridge (CANY 0118)[†].

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 CANY water quality criteria screen found 21 groups of

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

parameters that exceeded screening criteria at least once within the study area. Dissolved oxygen, pH, chloride, arsenic, cadmium, copper, lead, mercury, nickel, selenium, silver, and zinc exceeded their respective EPA criteria for the protection of freshwater aquatic life. Chloride, sulfate, nitrate, nitrite plus nitrate, arsenic, cadmium, chromium, copper, lead, mercury, nickel, selenium, uranium, zinc, and radium 226 exceeded their respective EPA drinking water criteria. Fecal-indicator bacteria concentrations (total coliform and fecal coliform) and turbidity exceeded the WRD screening limits for freshwater bathing and aquatic life, respectively.

Dissolved oxygen concentrations were measured 891 times at 183 monitoring stations from 1976 through 1999. Eighty-seven concentrations at 46 stations were less than or equal to the 4 milligrams per liter (mg/L) EPA criterion for the protection of freshwater aquatic life from 1977 through 1999. Approximately 77 percent of these 87 concentrations were reported at 34 stations within the CANY park boundaries from 1983 through 1999.

The pH was measured 1,901 times at 281 monitoring stations from 1957 through 1999. One-hundred-sixty-two observations at 54 stations were outside the pH range of 6.5 to 9.0 standard units (SU) (EPA chronic criteria for freshwater aquatic life) from 1978 through 1999. One-hundred-forty-five observations were less than or equal to pH 6.5 and 17 observations were greater than or equal to pH 9.0. Fifty-two of the observations less than or equal to pH 6.5 were reported in two Moab Salt Company tailings ponds (CANY 0287, CANY 0290) from 1990 through 1999. The lowest pH of 2.75 SU was reported within the CANY park boundaries in Lost Canyon Creek southeast of Druid Arch (CANY 0060) in May 1985. The highest pH of 10.5 SU was reported at French Spring (CANY 0196) in October 1984.

Turbidity was measured 809 times at 77 monitoring stations from 1968 through 1999. Three-hundred-fifty-five observations at 32 stations equaled or exceeded the WRD screening criterion of 50 Jackson Candle/Formazin/Nephelometric Turbidity Units (JTU/FTU/NTU) from 1977 through 1999. Of these 355 observations, 198 observations were reported at eight stations in the Colorado River (CANY 0057, CANY 0156, CANY 0216, CANY 0227, CANY 0276, CANY 0277, CANY 0284, CANY 0288), 108 observations were reported at three stations in the Green River (CANY 0153, CANY 0291, CANY 0297), and 49 observations were reported at 22 other stations throughout the study area. The highest value of 6,300 FTU was reported in Indian Creek at the Kelly Ranch (CANY 0030) in August 1997.

Total coliform concentrations were measured 272 times at 84 monitoring stations from 1977 through 1992. Thirty-seven concentrations at 23 stations 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) from 1977 through 1987. The highest concentration of at least 150,000 MPN/100 ml was reported four times, at Clear Water Spring (CANY 0041), within Glen Canyon National Recreation Area (GLCA) at Big Water Spring (CANY 0178), Barrier Creek Spring (CANY 0224), and Clydes Spring (CANY 0241), during 1980 and 1981. Two of these four stations (CANY 0041, CANY 0178) also reported a value of 150,000 MPN/100 during June 1980. Fecal coliform concentrations were measured 207 times at 66 monitoring stations from 1977 through 1992. Twenty-eight concentrations at 16 stations equaled or exceeded the WRD bathing water screening criterion of 200 CFU/MPN/100 ml from 1977 through 1989. The highest concentration of 24,000 MPN/100 ml was reported in the Colorado River south of Potash (CANY 0288) in March 1978.

Chloride concentrations (including dissolved and total) were measured 1,141 times at 198 monitoring stations from 1948 through 1999. One-hundred-thirty-three concentrations at 31 stations exceeded the secondary drinking water criterion of 250 mg/L from 1948 through 1999. One-hundred-ten of these 133 observations also exceeded the acute freshwater criterion of 860 mg/L from 1977 through 1999. Approximately 58 percent of the observations exceeding the criteria were reported in Moab Salt Company tailings ponds (CANY 0287, CANY 0290) from 1989 through 1999, including the highest concentration of 700,000 mg/L (CANY 0290) in April 1998.

Sulfate concentrations (including dissolved and total) were measured 1,277 times at 221 monitoring stations from 1948 through 1999. Two-hundred-seventy-eight concentrations at 57 stations equaled or exceeded the secondary drinking water criterion of 250 mg/L from 1948 through 1999. The highest concentration of 2,240 mg/L was reported within the GLCA park boundary at Big Water Spring (CANY 0177) in August 1974.

Nitrate concentrations (including dissolved and total as N and dissolved and total as NO₃) were measured 634 times at 181 monitoring stations from 1948 through 1990. One total NO₃-N concentration of 63 mg/L within the CANY park boundaries in the Green River just upstream of the confluence with the Colorado River (CANY 0153) exceeded the drinking water criterion of 10 mg/L NO₃-N in August 1986.

Nitrite plus nitrate concentrations (including dissolved and total as N) were measured 573 times at 71 monitoring stations from 1976 through 1999. One total concentration of 56 mg/L in the Green River at Mineral Bottoms (CANY 0291) exceeded the drinking water criterion of 10 mg/L in May 1983.

Arsenic concentrations (including dissolved, field acidified, and total) were measured 763 times at 106 monitoring stations from 1968 through 1999. Of the 762 observations used in the criteria analysis (see EPA Water Quality Criteria Analysis for Station in the Interpretive Guide To Water Quality Results for explanation), 17 concentrations at three stations, within the CANY park boundaries at a spring approximately .5 miles southeast of The Loop of the Colorado River (CANY 0185) and outside the CANY park boundaries in Moab Salt Company tailings ponds (CANY 0287, CANY 0290), equaled or exceeded the drinking water criterion of 50 micrograms per liter (µg/L) from 1970 through 1999. Eleven of these 17 concentrations also exceeded the acute freshwater criterion of 360 µg/L from 1996 through 1999. Approximately 96 percent of the concentrations exceeding the criteria were reported in the two Moab Salt Company tailings ponds (CANY 0287, CANY 0290) from 1996 through 1999, including the highest concentration of 2,200 µg/L (CANY 0287) in June 1997.

Cadmium concentrations (including dissolved, field acidified, and total) were measured 676 times at 92 monitoring stations from 1968 through 1999. Of the 665 observations used in the criteria analysis (see EPA Water Quality Criteria Analysis for Station in the Interpretive Guide To Water Quality Results for explanation), 24 concentrations at 14 stations exceeded the acute freshwater criterion of 3.9 µg/L from 1974 through 1989. Thirteen of these 24 observations also equaled or exceeded the drinking water criterion of 5.0 µg/L from 1977 through 1989. The highest concentration of 255 µg/L was reported south of Potash in Canyon Number 3 just upstream of the confluence with the Colorado River (CANY 0282) in November 1989.

Chromium concentrations (including dissolved, field acidified, hexavalent, and total) were measured 865 times at 114 monitoring stations from 1968 through 1999. Of the 858 observations used in the criteria analysis (see EPA Water Quality Criteria Analysis for Station in the Interpretive Guide To Water Quality Results for explanation), eight concentrations ranging from 100 µg/L to 13,310 µg/L at six stations located outside the CANY park boundaries, in Moab Salt Company tailings ponds (CANY 0287, CANY 0290), North Cottonwood Creek (CANY 0004), a spring in Shay Canyon (CANY 0008), and springs in Beef Basin (CANY 0009, CANY 0015), equaled or exceeded the drinking water criterion of 100 µg/L during 1978 and 1997. Four of the eight concentrations exceeding the criterion were reported in the two Moab Salt Company tailings ponds (CANY 0287, CANY 0290) during 1997, including the highest concentration of 13,310 µg/L (CANY 0290) in April 1997.

Copper concentrations (including dissolved, field acidified, and total) were measured 1,102 times at 164 monitoring stations from 1957 through 1999. One-hundred-sixty-eight concentrations at 65 stations equaled or exceeded the acute freshwater criterion of 18 µg/L from 1957 through 1999. Twelve of these 168 concentrations also exceeded the drinking water criterion of 1,300 µg/L from 1980 through 1993. Approximately 51 percent of the observations exceeding the criteria were reported at 40 stations within the CANY park boundaries from 1970 through 1999, including the highest concentration of 3,600 µg/L at Cabin Spring (CANY 0262) in September 1984.

Lead concentrations (including dissolved, field acidified, and total) were measured 673 times at 93 monitoring stations from 1957 through 1999. Of the 670 observations used in the criteria analysis (see EPA Water Quality Criteria Analysis for Station in the Interpretive Guide To Water Quality Results for explanation), 52 concentrations at 25 stations equaled or exceeded the drinking water criterion of 15 µg/L from 1977 through 1993. Nine of these 52 concentrations also exceeded the acute freshwater criterion of 82 µg/L from 1978 through 1993. The highest concentration of 1,000 µg/L was reported twice, at the confluence of North Cottonwood and Hop Creeks (CANY 0005) and Lower Indian Creek (CANY 0026), in June 1980.

Mercury concentrations (including dissolved, field acidified, and total) were measured 653 times at 85 monitoring stations from 1974 through 1999. One field acidified concentration of 3 µg/L in the Green River at Mineral Bottoms (CANY 0291) exceeded the drinking water criterion of 2 µg/L and the acute freshwater criterion of 2.4 µg/L in July 1985.

Nickel concentrations (including dissolved, field acidified, and total) were measured 225 times at 46 monitoring stations from 1974 through 1999. Twenty-two concentrations at three stations located outside the CANY park boundaries, in Moab Salt Company tailings ponds (CANY 0287, CANY 0290) and a spring in Beef Basin (CANY 0009), exceeded the drinking water criterion of 100 µg/L from 1978 through 1999. The highest concentration of 4,020 µg/L, in a Moab Salt Company tailings pond (CANY 0290), also exceeded the acute freshwater criterion of 1,400 µg/L in April 1997. Approximately 96 percent of the observations exceeding the criteria were reported in the two Moab Salt Company tailings ponds (CANY 0287, CANY 0290) from 1996 through 1999.

Selenium concentrations (including acid soluble, dissolved, and total) were measured 763 times at 110 monitoring stations from 1968 through 1999. Of the 755 observations used in the criteria analysis (see EPA Water Quality Criteria Analysis for Station in the Interpretive Guide To Water Quality Results for explanation), 22 concentrations at five stations, within the CANY park boundaries at a spring approximately .5 miles southeast of The Loop of the Colorado River (CANY 0185) and a spring in Holeman Spring Basin (CANY 0240) and outside the CANY park boundaries in Moab Salt Company tailings ponds (CANY 0287, CANY 0290) and North Cottonwood Creek at the Beef Basin Road Crossing (CANY 0040), equaled or exceeded the acute freshwater criterion of 20 µg/L from 1970 through 1999. Twenty of these 22 observations also equaled or exceeded the drinking water criterion of 50 µg/L. Approximately 88 percent of the observations exceeding the criteria were reported in the two Moab Salt Company tailings ponds (CANY 0287, CANY 0290) from 1993 through 1999, including the highest concentration of 1,900 µg/L (CANY 0290) in January 1999.

Silver concentrations (including dissolved, field acidified, and total) were measured 650 times at 80 monitoring stations from 1968 through 1999. Twenty-one concentrations at 12 stations located outside the CANY park boundaries exceeded the acute freshwater criterion of 4.1 µg/L from 1974 through 1990. The highest concentration of 25 µg/L was reported south of Potash in Canyon Number 3 just upstream of the confluence with the Colorado River (CANY 0282) in July 1990.

Natural dissolved uranium concentrations were measured 15 times at 15 monitoring stations from 1968 through 1979. Four concentrations, ranging from 25.08 µg/L to 192.02 µg/L at four stations, within the CANY park boundaries in an unnamed tributary to Horse Canyon (CANY 0205), within the GLCA park boundary near Millard Canyon Benches (CANY 0219, CANY 0222), and outside park boundaries at a spring at The Spur (CANY 0254), exceeded the drinking water criterion of 20 µg/L in May 1979. The highest concentration of 192.02 µg/L was reported at a spring at The Spur (CANY 0254).

Zinc concentrations (including dissolved, field acidified, and total) were measured 775 times at 93 monitoring stations from 1968 through 1999. Seventy-three concentrations at nine stations, within the CANY park boundaries in the Green River just upstream of the confluence with the Colorado River (CANY 0153) and the Colorado River at Lathrop Canyon (CANY 0227) and outside the CANY park boundaries in Moab Salt Company tailings ponds (CANY 0287, CANY 0290), stream stations south of Potash (CANY 0282, CANY 0288), springs in Beef Basin (CANY 0009, CANY 0012), and Hatch Wash Spring (CANY 0199), exceeded the acute freshwater criterion of 120 µg/L from 1978 through 1999. Thirty of these 73 observations also equaled or exceeded the drinking water criterion of 5,000 µg/L from 1989 through 1999. Approximately 87 percent of the observations exceeding the criteria were reported in the two Moab Salt Company tailings ponds (CANY 0287, CANY 0290), including the highest concentration of 12,000 µg/L (CANY 0287) in July 1993.

Total radium 226 concentrations were measured 70 times at nine monitoring stations from 1980 through 1990. Of the 69 observations used in the criteria analysis (see EPA Water Quality Criteria Analysis for Station in the Interpretive Guide To Water Quality Results for explanation), two concentrations of 73 µg/L and 47 µg/L within the CANY park boundaries at Lathrop Mine (CANY 0242) exceeded the drinking water criterion of 5 µg/L in July and August 1987, respectively.

The IDEA conducted for CANY 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 77 percent of the observations for Level I parameter groups were recorded since 1985. Data for two groups (Clarity/Turbidity and Bacteria) were recorded at less than half of the 293 monitoring stations with data. Relative to other parameter groups with data, data were limited for the groups Dissolved Oxygen, Flow, and Bacteria. Results for 11 of the 126 EPA priority toxic pollutants (consisting of inorganic parameters and metals) were retrieved from STORET.

Surface water resources in the CANY study area include the Colorado and Green Rivers; Indian, North Cottonwood, Salt, and many other intermittent or perennial creeks, including those draining Horse, Lockhart, Taylor, and other canyons; Big Water, Beef Basin, Cabin, and numerous other springs; several water impoundments; and irrigation ditches. The data inventories and analyses contained in this report indicate that surface waters within the study area appear to have been impacted by natural and human activities. Potential natural sources of contaminants include erosion from flash floods and geologic weathering. Potential anthropogenic sources of contaminants include mining and quarrying activities; municipal and industrial wastewater discharges; stormwater runoff; oil and gas development; livestock grazing; recreational use; 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 uses² and with the Servicewide Inventory and

¹The 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.

²The 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.

Amy Benton, Padraigh Gallagher, and Scott Ratchford helped prepare reports and write the Executive Summaries.

Scott Ratchford, Sonny Emmert, Matt Kunze, Chris Woodward, Nils Babel, Greg Johnson, and Karin Howland provided digital cartographic support, both in determining retrieval/query areas and producing maps and graphics.

Kelli O'Connor, Mary Beth Talty, Ryan Shy, and Lisa Dummer uploaded water quality data to STORET prior to report preparation.

Jacque 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:

<u>Code</u>	<u>STORET Administrative Parameter Description</u>
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:

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

Remark Code Screen

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

Elimination:

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

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

Modification/Inclusion:

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

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

Composite Type Screen

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

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

Phase 2 Parameter Screen

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

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

Observations/Period of Record Screen

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

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

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

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

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

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

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

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

Statistical Definitions

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

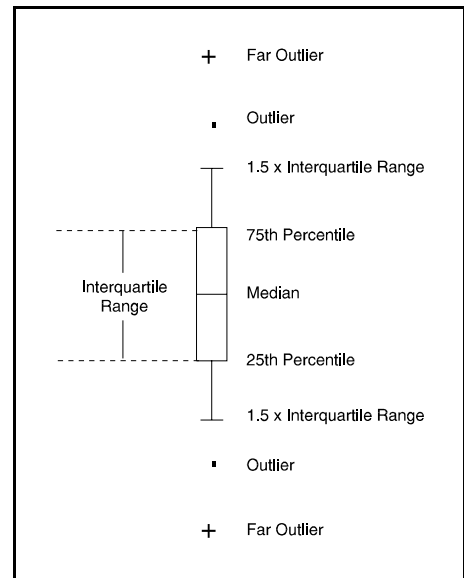
Table H. Definition of Descriptive Statistics Contained in Inventory, Annual, and Seasonal Tables

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

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

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

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



INTERPRETIVE GUIDE TO WATER QUALITY RESULTS

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

Overview

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

Regional Location Map

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

Water Quality Monitoring Locations Map(s)

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

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

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

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

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

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

Representative Mean Annual Hydrograph for Seasonal Analysis

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

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

- (2) Retrieve the daily discharge values for the selected station from the USGS Daily Values File and generate a mean annual hydrograph and a box-and-whiskers plot of daily flows by month.
- (3) Interpret the plots based on our knowledge of the hydrologic regime at these parks and assign seasons.

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

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

Contacts for Agency Codes Retrieved

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

Quantity of Data Retrieved by Agency Code

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

Station Period of Record Tabulation

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

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

Parameter Period of Record Tabulation

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

Station/Parameter Period of Record Tabulation

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

Station-By-Station Results

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

Station Inventory for Station

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

Parameter Inventory for Station

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

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

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

EPA Water Quality Criteria Analysis for Station

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

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

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

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

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

Time Series Plots for Station

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

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

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

Annual Analysis for Station

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

Annual Box-and-Whiskers Plots for Station

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

For annual box-and-whiskers plots of pH, $\mu\text{eq/l H}^+$ 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, $\mu\text{eq/l H}^+$ 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

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

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.

	<u>Study Area</u>	<u>Park</u>
GIS Estimated Acreage:	1251260	336593
# STORET Stations:	299	177
# Stations With No Data:	6	4
# Stations With No Stat. Analysis:	0	0
# Longer Term Stations:	61	42
Date of STORET Retrieval:	09/12/01	09/12/01
Period of Record:	10/02/48-12/09/99	05/18/65-12/09/99
# Parameters Measured:	222	165
# Water Quality Observations:	39867	22489
# Industrial/Municipal Facilities:	0	0
# Drinking Water Intakes:	0	0
# Water Gages:	5	0
# Water Impoundments:	7	0
# Total Plots:	176	122
# Time Series:	89	67
# Annual:	0	0
# Seasonal:	87	55

Hydrologic Definition of Seasons:

1. July 15 - October 14
2. October 15 - March 31
3. April 1 - May 31
4. June 1 - July 14

Time Series Plot Criteria:

To be included in the time series plots, a station/parameter combination must have at least 10 years and at least 40 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.

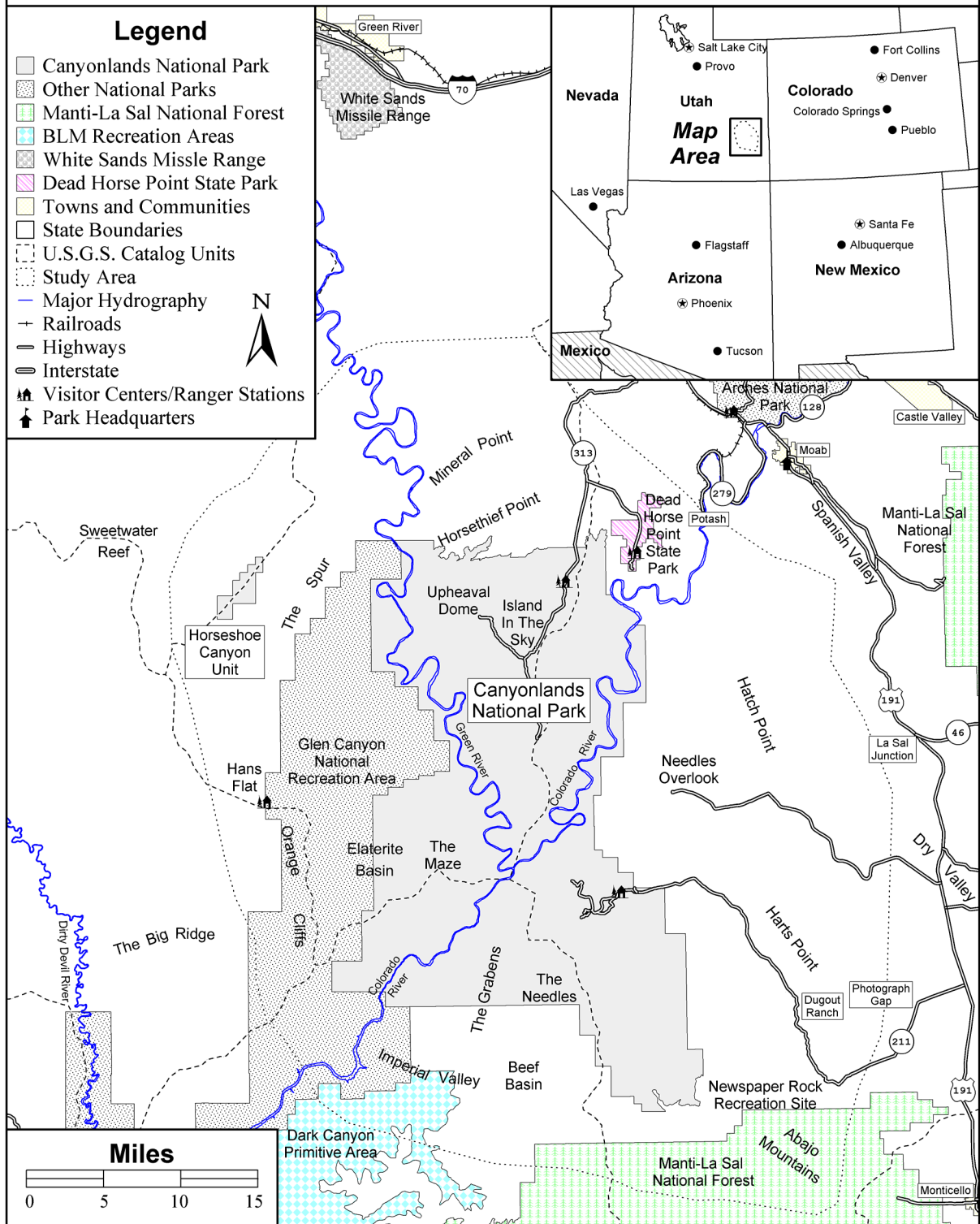
Seasonal Analysis Criteria:

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 15 years and observations in at least 4 of the 15 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.

Canyonlands National Park

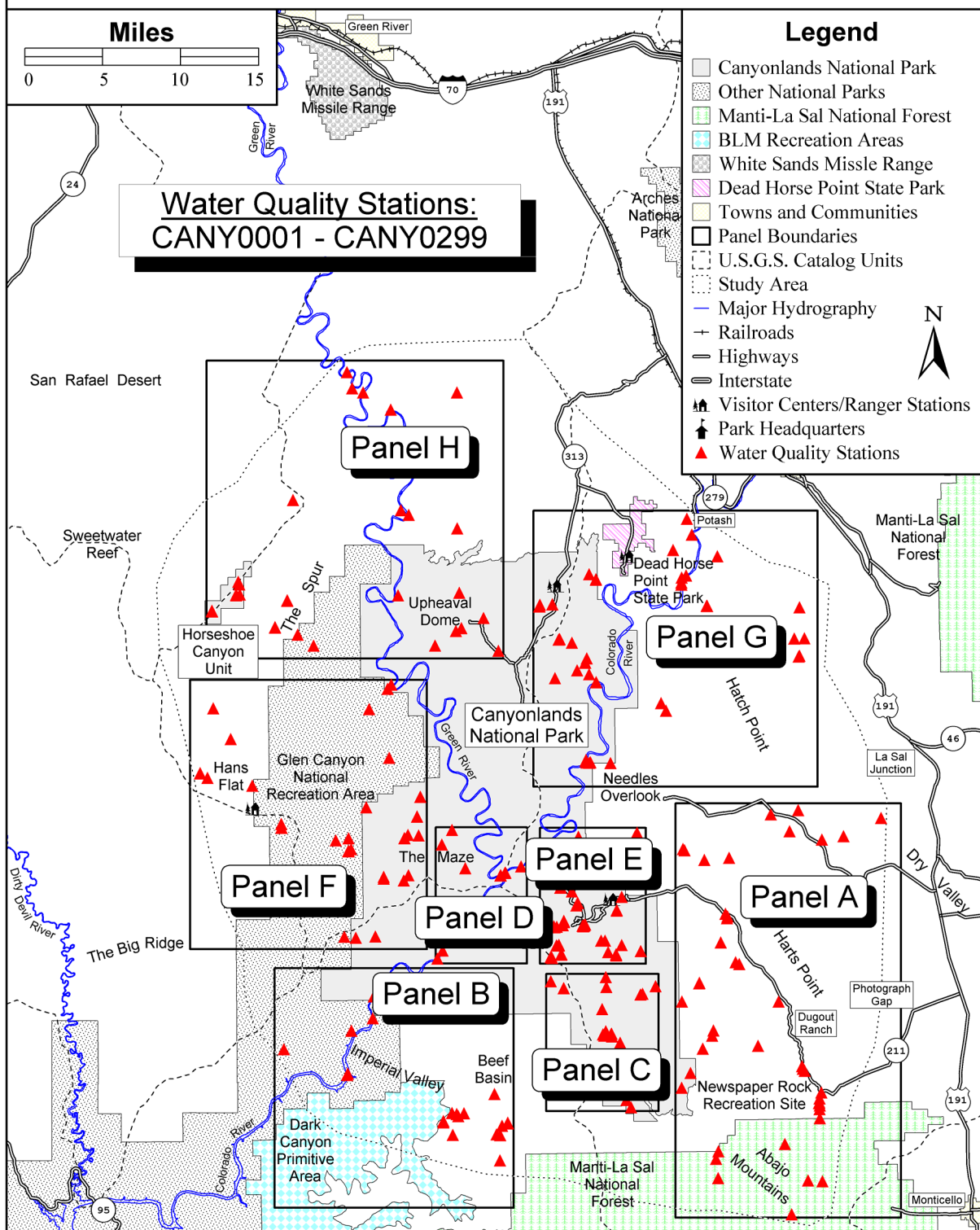
Regional Location Map



Canyonlands National Park

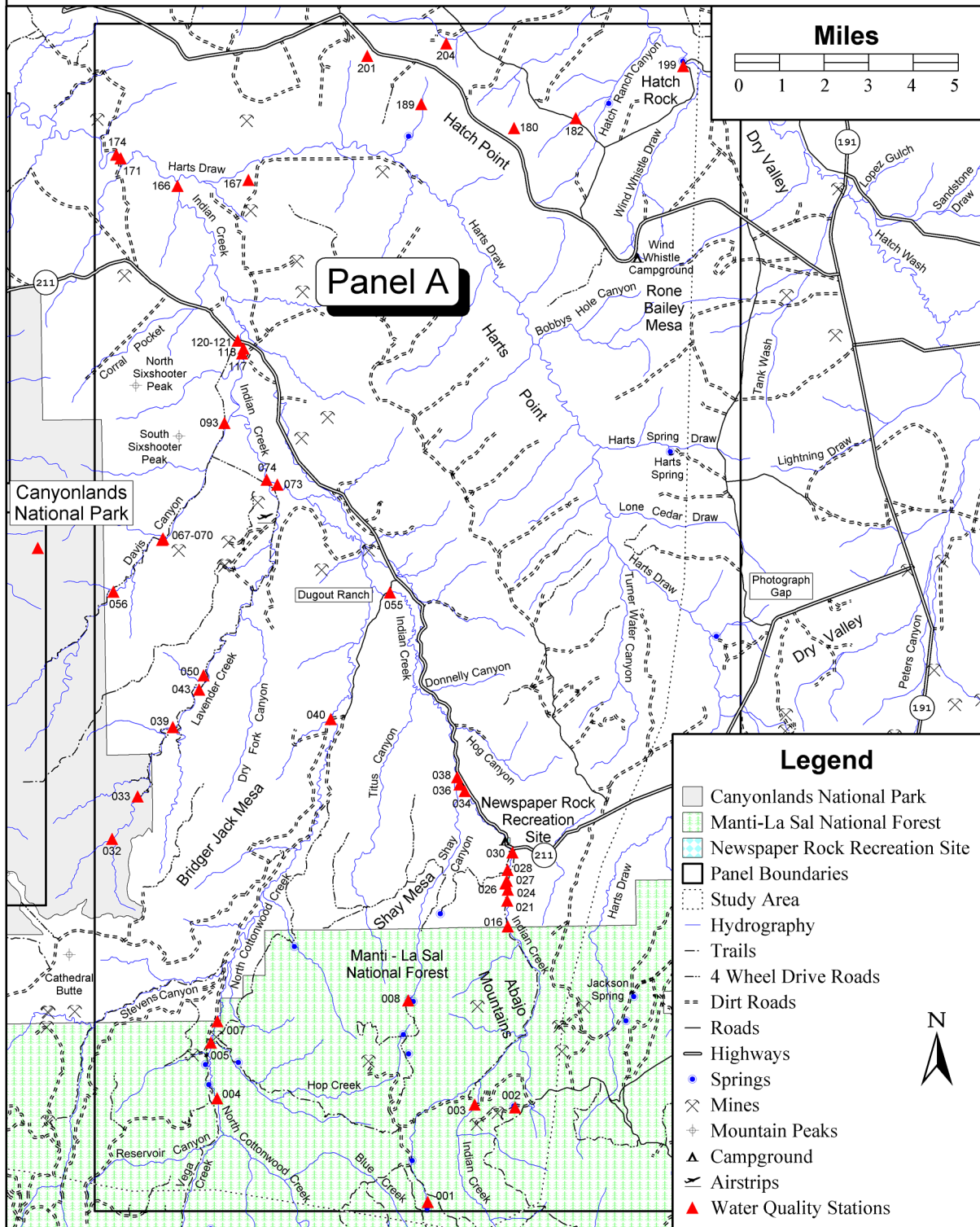
Water Quality Monitoring Locations

Graphic Panel Index



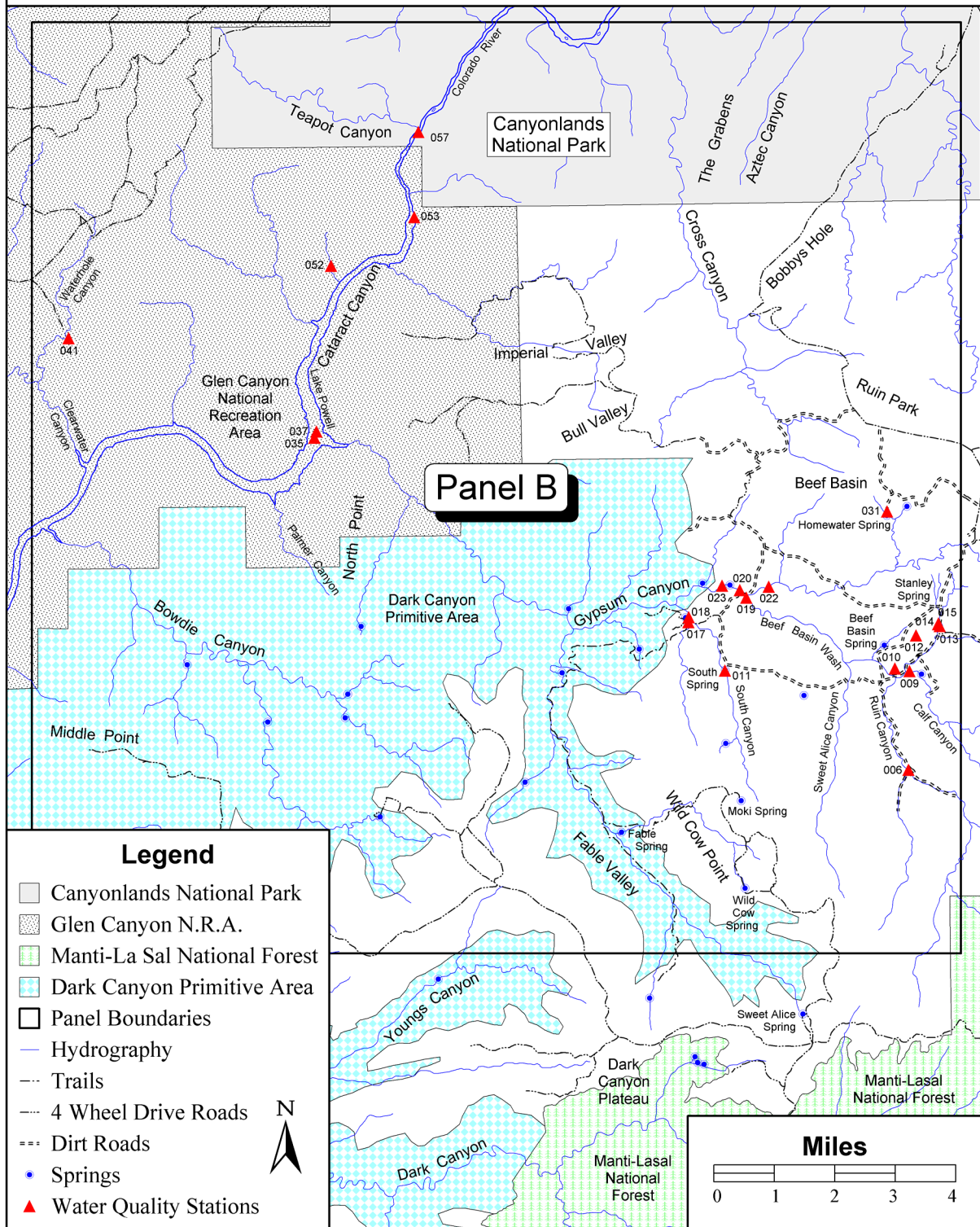
Canyonlands National Park

Water Quality Monitoring Locations



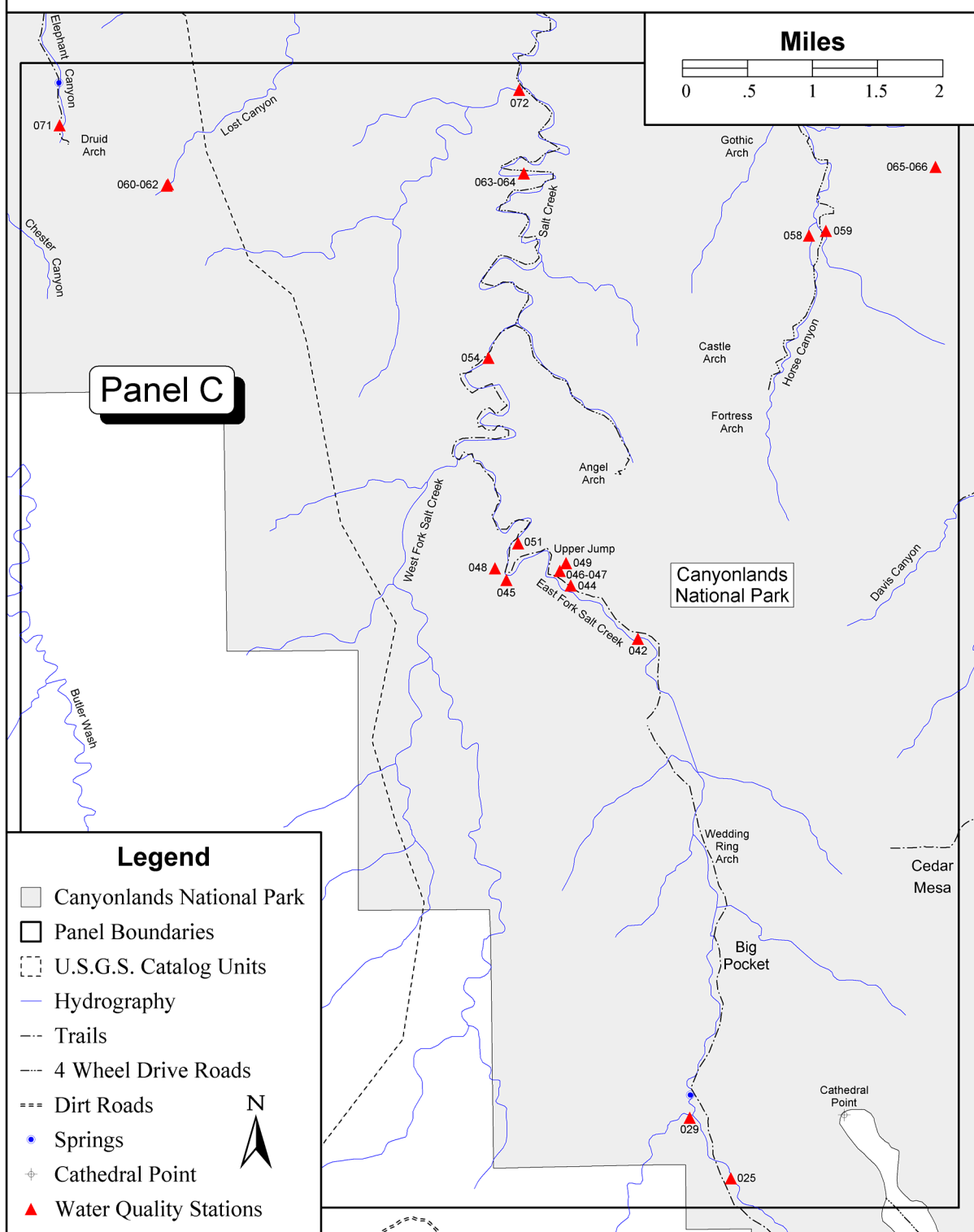
Canyonlands National Park

Water Quality Monitoring Locations



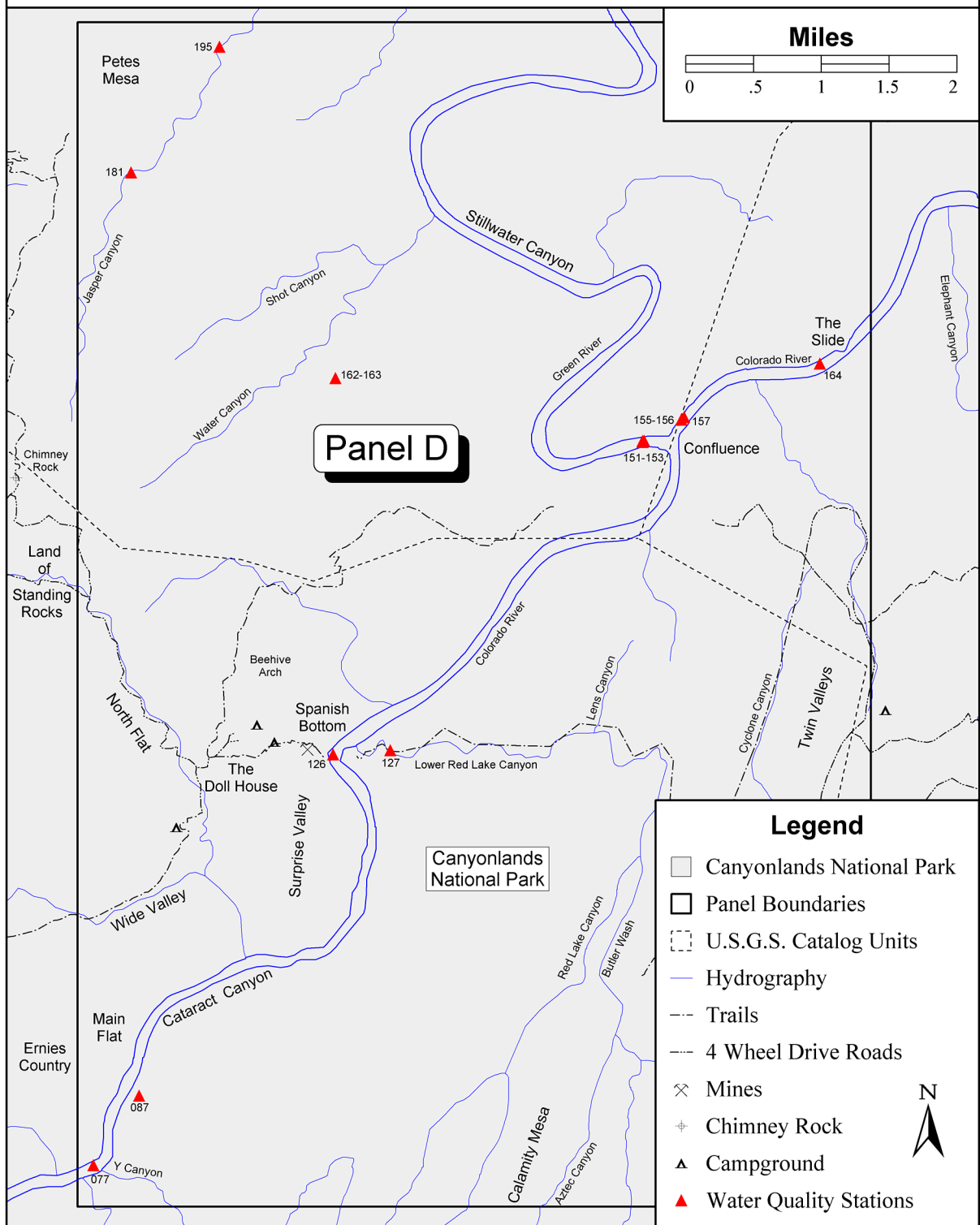
Canyonlands National Park

Water Quality Monitoring Locations



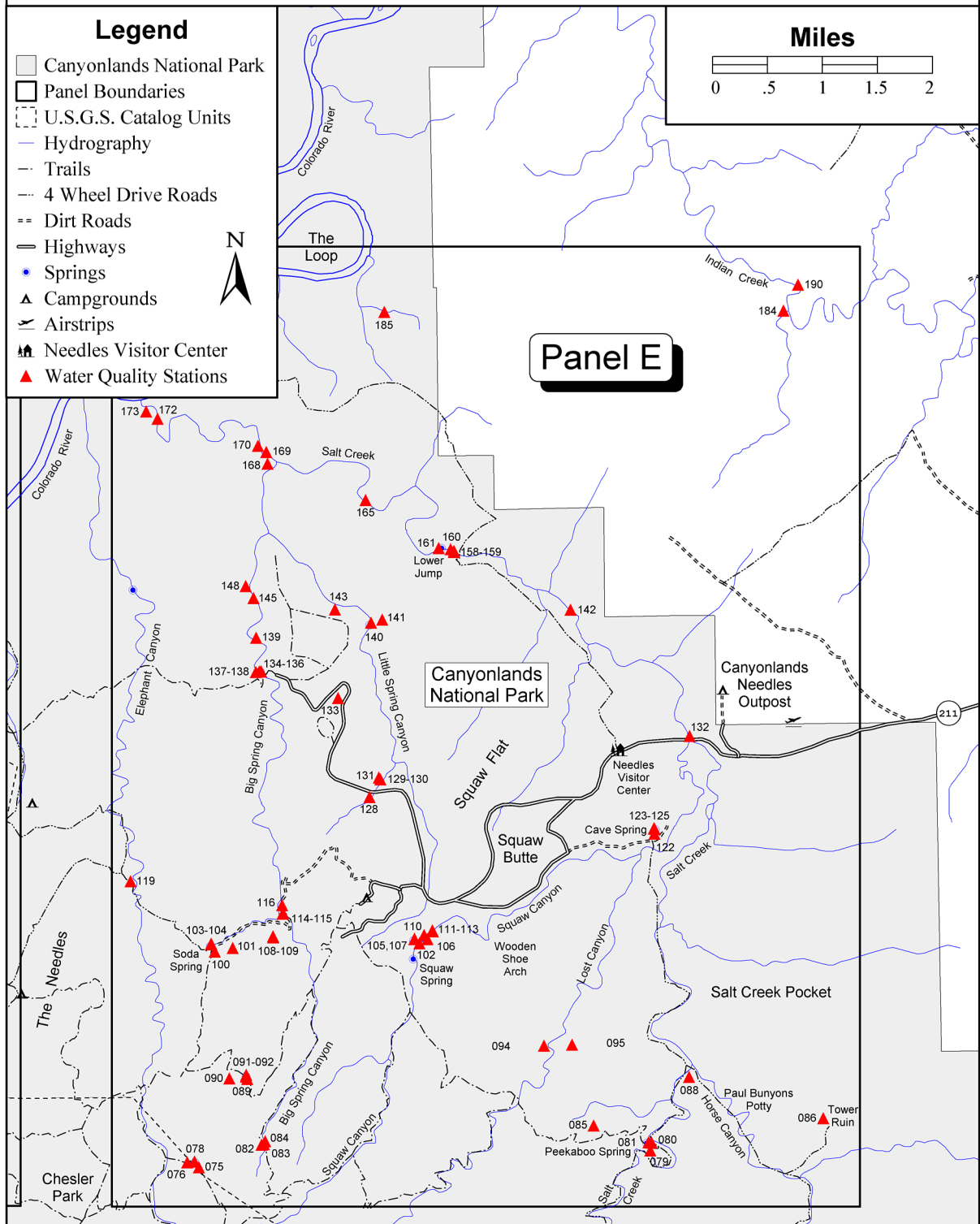
Canyonlands National Park

Water Quality Monitoring Locations



Canyonlands National Park

Water Quality Monitoring Locations

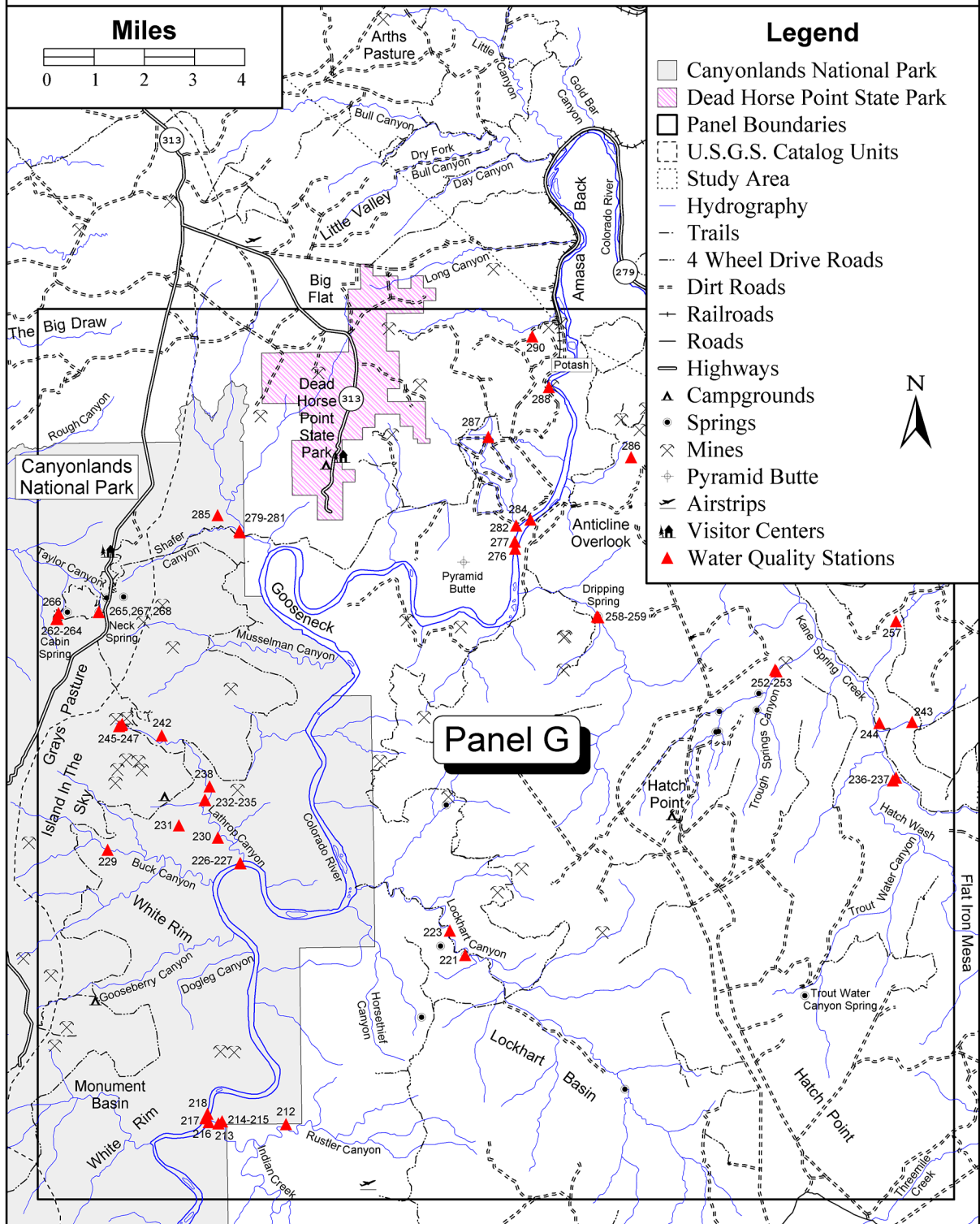


Water Quality Monitoring Locations



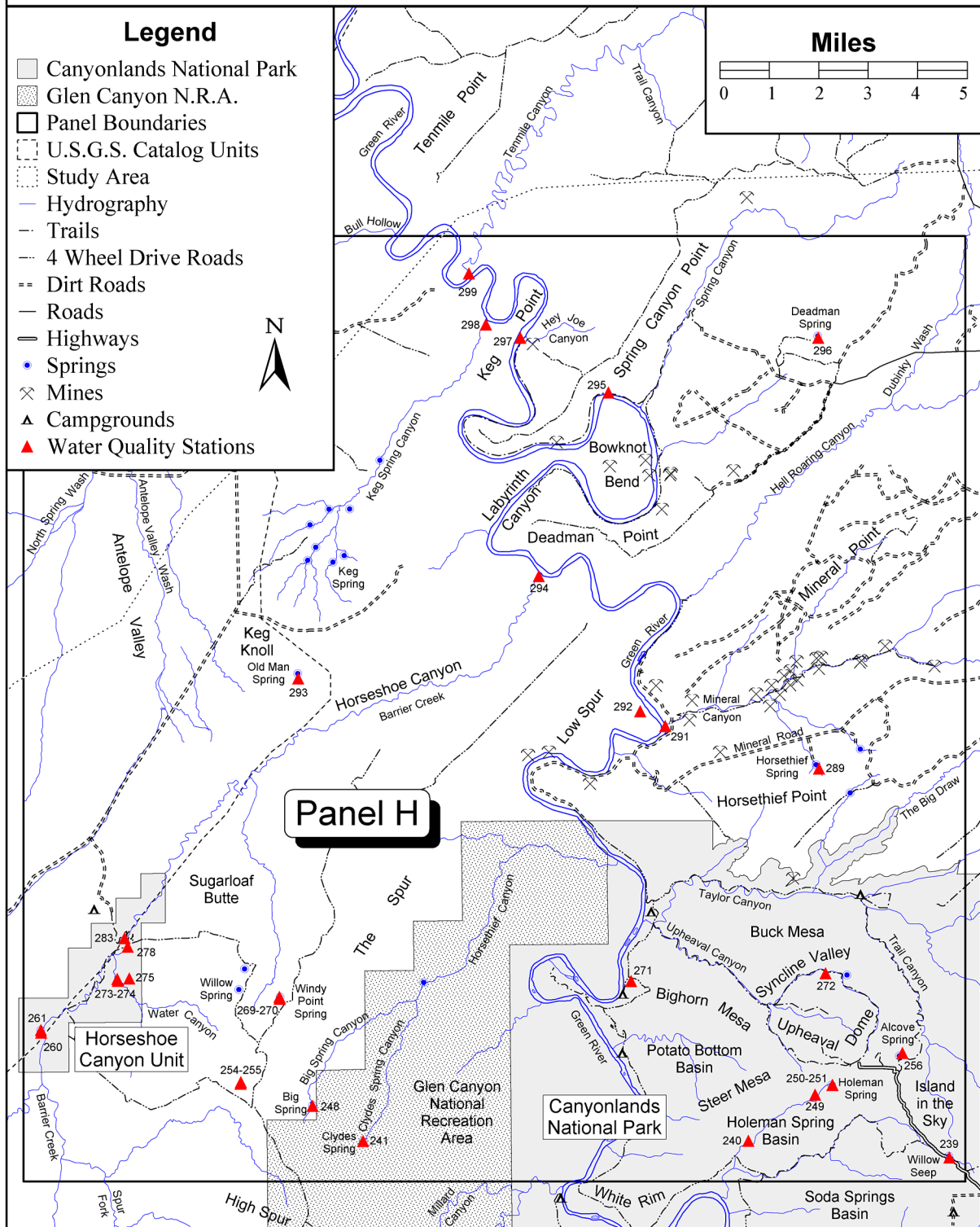
Canyonlands National Park

Water Quality Monitoring Locations



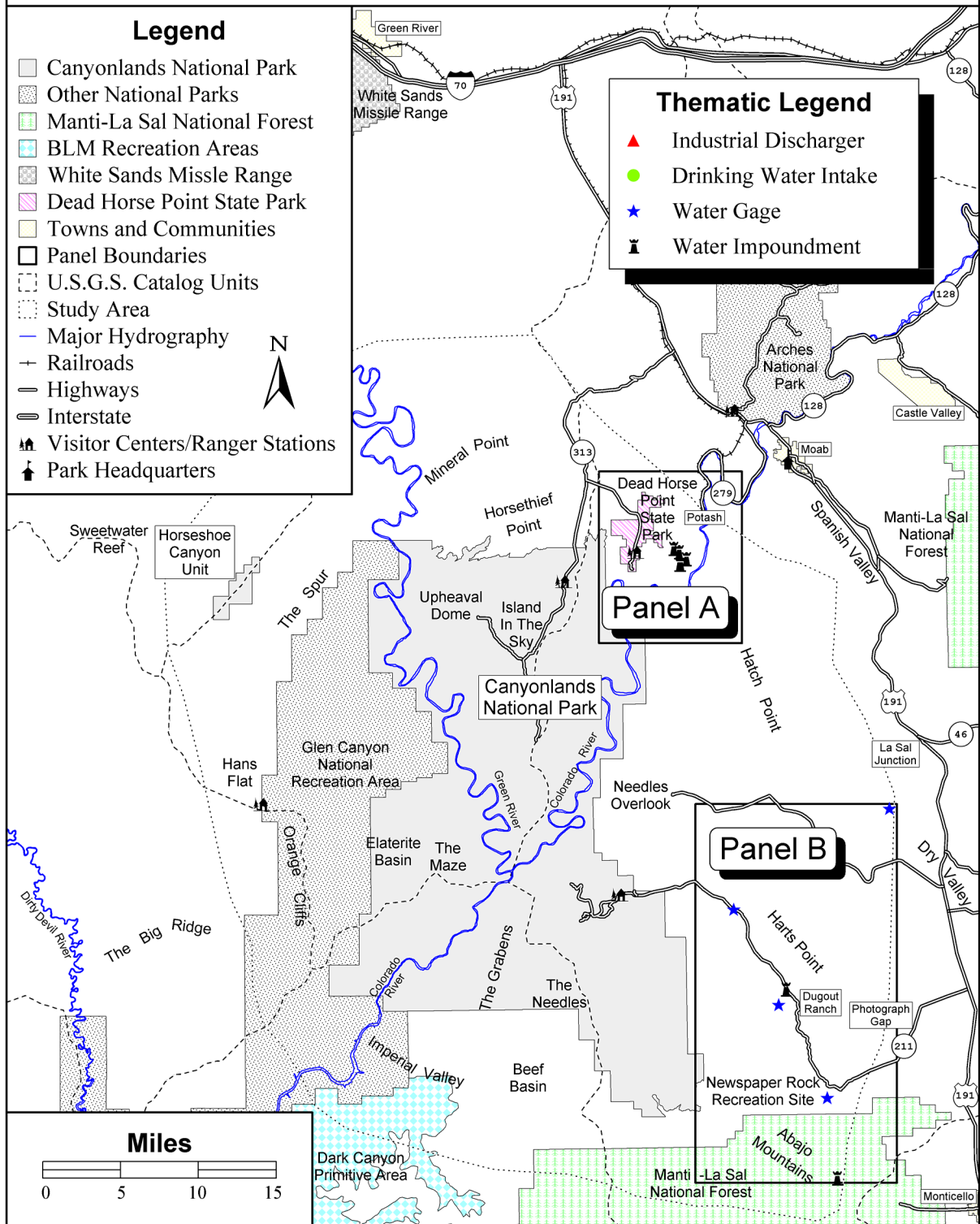
Canyonlands National Park

Water Quality Monitoring Locations



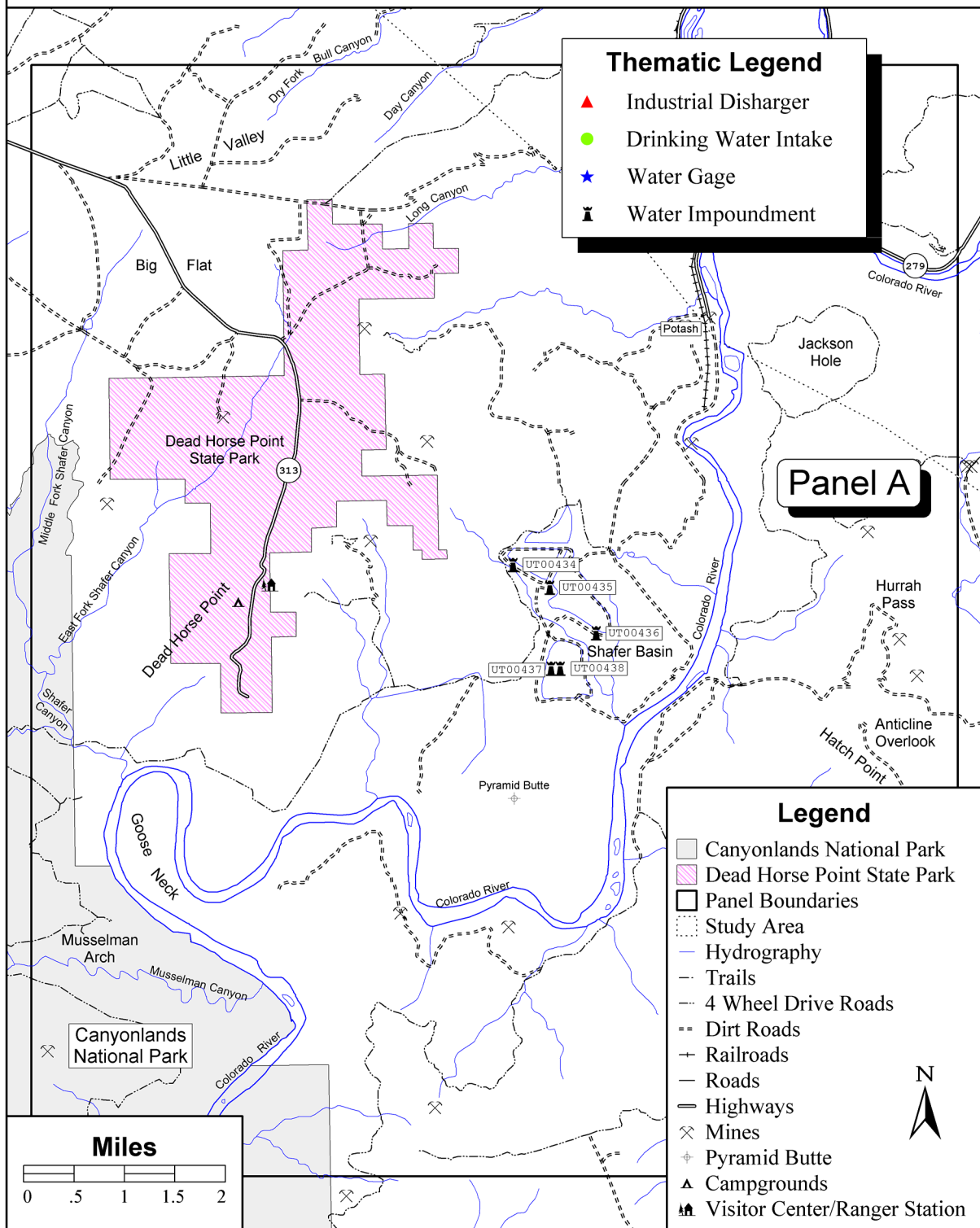
Canyonlands National Park

Dischargers, Drinking Intakes, Water Gages, & Water Impoundments Graphic Panel Index



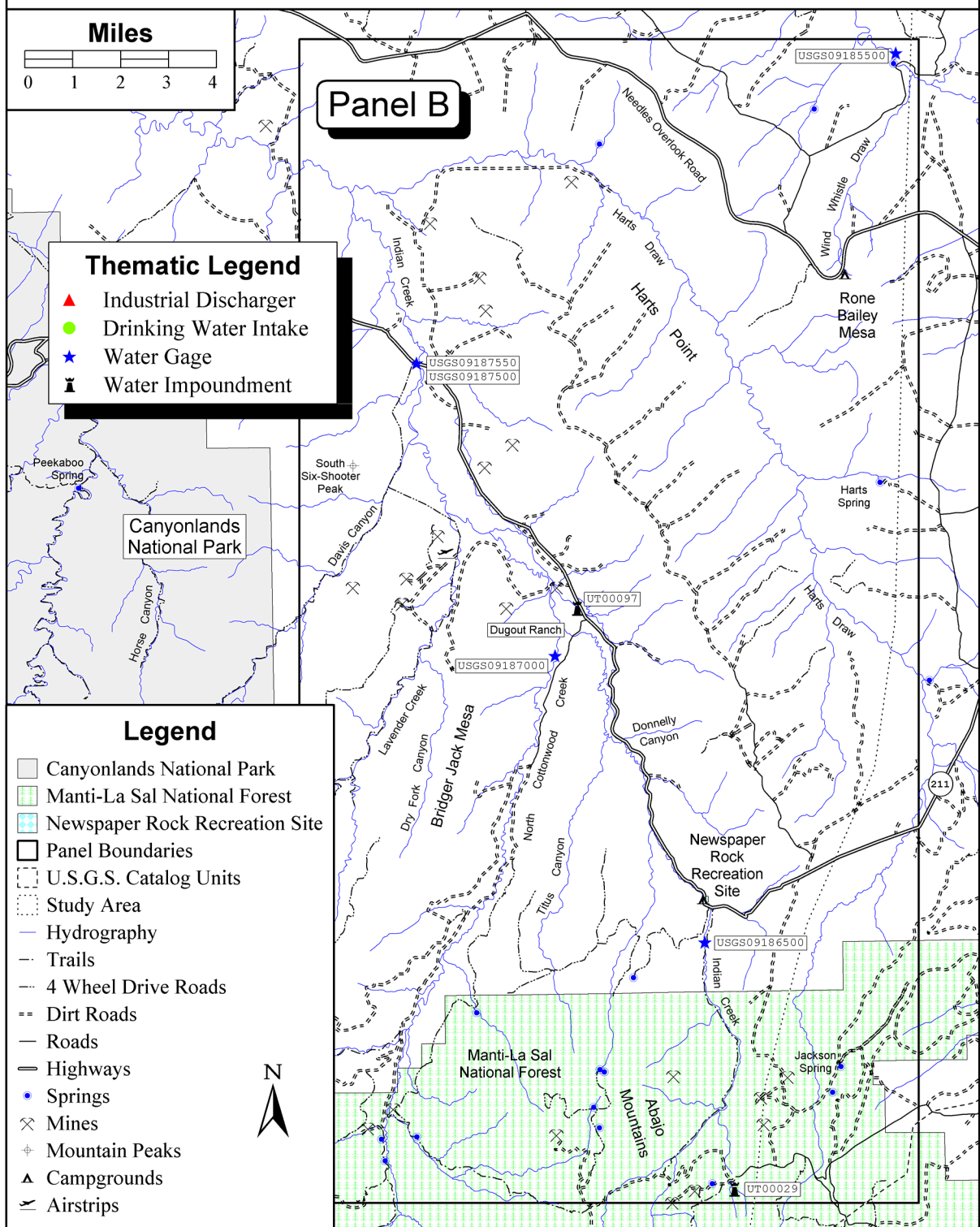
Canyonlands National Park

Dischargers, Drinking Intakes, Water Gages, & Water Impoundments



Canyonlands National Park

Dischargers, Drinking Intakes, Water Gages, & Water Impoundments



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

Industrial Facility Discharges

<u>Site ID</u>	<u>Station/Facility Name</u>	<u>Address</u>	<u>City</u>	<u>Facility Receiving Water Name</u>
No industrial	facility discharges available for this study area			

Drinking Water Intakes

<u>Site ID</u>	<u>Station/Facility Name</u>	<u>City</u>	<u>Population Served</u>	<u>Avg. Daily Production (Gal./Day)</u>
No drinking water intakes available for this study area.				

Water Gages

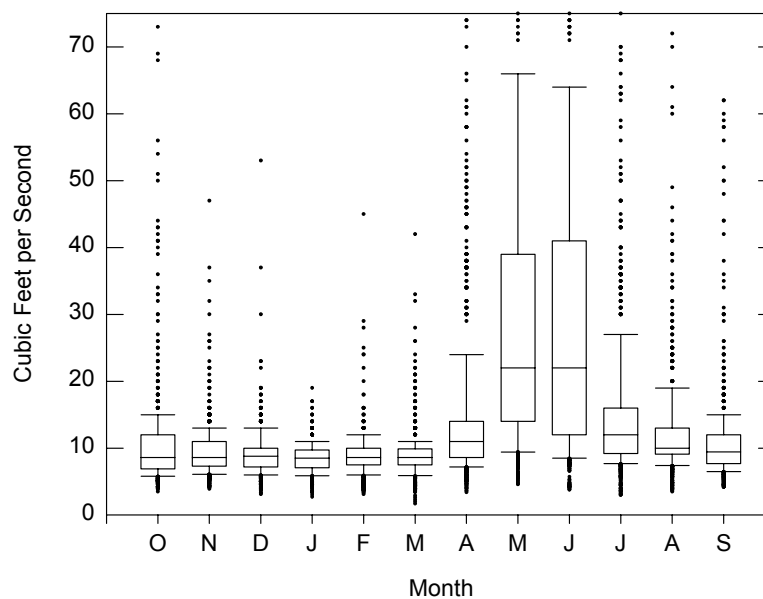
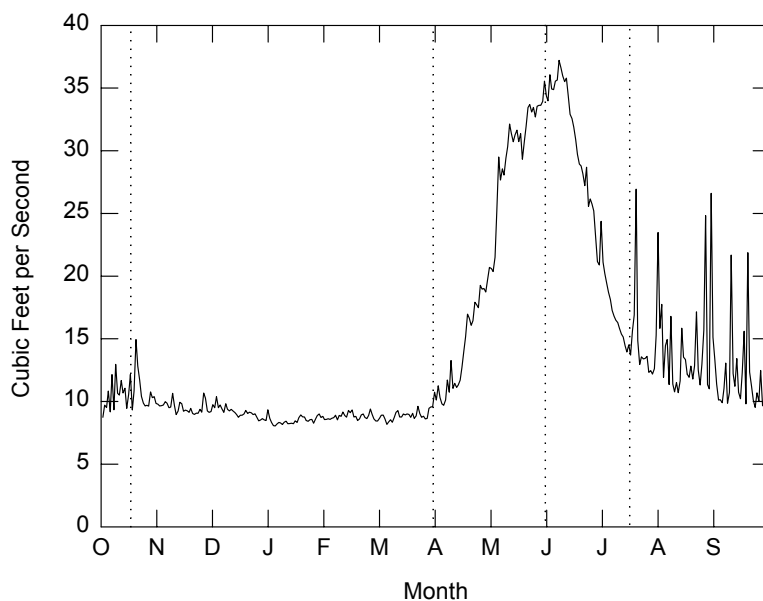
<u>Site ID</u>	<u>Station Name</u>	<u>Site Type</u>	<u>Drainage Area (Square Miles)</u>	<u>Begin Year</u>	<u>End Year</u>
USGS09185500	HATCH WASH NEAR LA SAL, UTAH		378.00	1950	1971
USGS09187000	COTTONWOOD CREEK NEAR MONTICELLO, UTAH		115.00	1950	1957
USGS09187500	INDIAN CREEK BLW BOGUS POCKET, NR MONTICELLO, UT	Stream	258.00	1950	1984
USGS09186500	INDIAN C AB COTTONWOOD CREEK, NR MONTICELLO, UT	Stream	31.20	1950	1991
USGS09187550	INDIAN CREEK BLW BOGUS POCKET NEAR MONTICELLO,UT	Stream	262.00	1983	1988

Water Impoundments

<u>Site ID</u>	<u>Impoundment Name</u>	<u>Owner</u>	<u>Primary Purpose</u>	<u>Type of Dam</u>	<u>Downstream Hazard</u>	<u>Year Completed</u>
UT00029	FOY (ALSO KN. AS BEAVER POND	DIV WILDLIFE RESOURCES	Rec.	Earth	Low	1960
UT00097	DUGOUT	INDIAN CREEK CATTLE CO	Irrig.	Earth	Low	1967
UT00434	TEXASGULF POTASH POND 1A	TEXASGULF, INC	Other	Earth	Low	1970
UT00435	TEXASGULF POTASH POND 2G	TEXASGULF, INC	Other	Earth	Low	1970
UT00436	TEXASGULF POTASH POND 2N	TEXASGULF, INC	Other	Earth	Low	1970
UT00437	TEXASGULF POTASH POND 3A	TEXASGULF, INC	Other	Earth	Low	1970
UT00438	TEXASGULF POTASH POND 3B	TEXASGULF, INC	Other	Earth	Low	1970

REPRESENTATIVE MEAN ANNUAL HYDROGRAPH FOR SEASONAL ANALYSIS

CANYONLANDS NATIONAL PARK
Mill Creek near Moab, UT
09184000, 38 year record



Representative mean annual hydrograph (top) and distribution of daily flows by month (bottom) for hydrologic season determination. Box and whiskers represent a five number summary; bottom whisker cap is 10th percentile, bottom of box is 25th percentile, internal line is median, top of box is 75th percentile, and top whisker is 90th percentile. Hydrologic seasons for Canyonlands National Park are: Jul. 15 to Oct. 14, Oct. 15 to Mar. 31, Apr. 1 to May 31, and Jun. 1 to Jul. 14.

CONTACTS FOR AGENCY CODES RETRIEVED FOR CANY

<u>AGENCY</u>	<u>PRIMARY CONTACT NAME</u>	<u>ORGANIZATION</u>	<u>PHONE NUMBER(S)</u>
11NPSWRD	TUCKER, DEAN	NATIONAL PARK SERVICE	(970)225-3516 (970)225-3518
21UTAH	DENTON, RICHARD	UTAH DEPT ENV QUALITY	(801)538-6146
113FORS4	DAHL, GAIL	US FOREST SERVICE	(406)329-3062
112WRD	BRIGGS, JOHN	US GEOLOGICAL SURVEY	(703)648-5624
21UTWR	HOELMAN, LOUIS	USEPA HQ	(202)260-7050

**QUANTITY OF DATA RETRIEVED FOR CANY 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	05/20/69-05/22/90	05/20/69-05/22/90	163	108	33	29	0	0	5997	4561	108	62
21UTAH	UTAH DEPT ENV QUALITY	05/20/77-12/09/99	06/17/80-12/09/99	98	44	27	13	6	4	31200	16363	109	97
113FORS4	US FOREST SERVICE	06/02/80-10/15/80	No Data in Park	2	0	0	0	0	0	144	0	25	0
112WRD	US GEOLOGICAL SURVEY	10/02/48-08/28/91	05/18/65-05/01/89	35	25	1	0	0	0	2328	1565	91	77
21UTWR	USEPA HQ	12/01/71-04/27/72	No Data in Park	1	0	0	0	0	0	198	0	22	0
Totals		10/02/48-12/09/99	05/18/65-12/09/99	299	177	61	42	6	4	39867	22489	222	165

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

Station Period of Record Tabulation From 10/02/48 To 12/09/99

Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 12/09/99	01/01/75 to 12/31/84	Before 01/01/75
CANY0001	C25473	No	8	0	8	0
CANY0002	C25399	No	7	0	7	0
CANY0003	INDIAN CREEK AT SHAY RIDGE ROAD CROSSING (MIDDLE	No	31	31	0	0
CANY0004	C25507	No	8	0	8	0
CANY0005	CONFLUENCE NORTH COTTONWOOD AND HOP CREEKS	No	73	0	73	0
CANY0006	RUIN CANYON SPRING	No	79	0	79	0
CANY0007	N COTTONWOOD CK AT USFS BOUNDARY	No	61	0	61	0
CANY0008	C25472	No	8	0	8	0
CANY0009	C25547	No	16	0	16	0
CANY0010	RUIN CANYON AT MOUTH	No	72	0	72	0
CANY0011	SOUTH SPRING	No	17	0	17	0
CANY0012	BEEF BASIN SPRING	No	78	0	78	0
CANY0013	STANLEY SPRING	No	84	0	84	0
CANY0014	STANLEY SPRING	No	16	0	16	0
CANY0015	C25519	No	8	0	8	0
CANY0016	INDIAN CREEK NEAR FOREST SERVICE/BLM BOUNDARY	No	34	34	0	0
CANY0017	BIG SPRING	No	17	0	17	0
CANY0018	BIG SPRING BLM	No	83	0	83	0
CANY0019	BEEF BASIN WASH AT MOUTH	No	0	0	0	0
CANY0020	GYPSUM CANYON CK AT BEEF BASIN WASH	No	49	0	49	0
CANY0021	INDIAN CK AB EXCLOSURE NR NEWSPAPER ROCK	No	448	448	0	0
CANY0022	LITTLE HOME WATER SPRING	No	17	0	17	0
CANY0023	NORTH HOME SPRING	No	17	0	17	0
CANY0024	(D-32-22)28BB BLM #159 (KELLY RANCH)	No	85	0	85	0
CANY0025	(D-32-20)29AD E. FORK SALT CREEK	Yes	5	0	5	0
CANY0026	LOWER INDIAN CREEK	No	71	0	71	0
CANY0027	INDIAN C AB COTTONWOOD CREEK, NR MONTICELLO, UT	No	150	150	0	0
CANY0028	INDIAN CK BL EXCLOSURE NR NEWSPAPER ROCK	No	446	446	0	0
CANY0029	(D-32-20)20DB	Yes	24	0	24	0
CANY0030	INDIAN CREEK AT KELLY RANCH	No	834	482	352	0
CANY0031	HOME WATER SPRING	No	17	0	17	0
CANY0032	(D-32-20)13CC	Yes	4	0	4	0
CANY0033	C16911	Yes	8	0	8	0
CANY0034	C17088	No	8	0	8	0
CANY0035	(D-32-17) 8DC -S	No	21	0	0	21
CANY0036	(D-32-22)8CC BLM #158 (SHAY CANYON)	No	35	0	35	0
CANY0037	(D-32-17)8DC-S GYPSUM CANYON	No	22	0	22	0
CANY0038	INDIAN CK AT SHAY CANYON	No	81	0	81	0
CANY0039	(D-32-21)6AC	No	4	0	4	0
CANY0040	N COTTONWOOD CK AT BEEF BASIN ROAD XING	No	762	488	274	0
CANY0041	CLEAR WATER SPRING T32S R16E S3 NW1/4 NE1/4	No	58	0	58	0
CANY0042	(D-31-20)32CC ALL AMERICAN MAN	Yes	4	0	4	0
CANY0043	UNNAMED SEEP #1	No	16	0	16	0
CANY0044	SALT CK 1/4 MI AB UPPER JUMP SC-8	Yes	136	136	0	0
CANY0045	(D-31-20)31BC	Yes	5	0	5	0
CANY0046	SALT CREEK AT UPPER JUMP	Yes	9	0	9	0
CANY0047	SALT CK 1/4 MI AB UPPER JUMP	Yes	116	116	0	0
CANY0048	(D-31-20)31BC	Yes	5	0	5	0
CANY0049	SALT CREEK; UPSTREAM FROM KIRK'S CABIN	Yes	9	0	9	0
CANY0050	(D-31-21)32BA	No	23	0	23	0
CANY0051	(D-31-20)31BB	Yes	5	0	5	0
CANY0052	(D-30-17) 9CB -S	No	41	0	0	41
CANY0053	COLORADO RIVER AT LAKE POWELL	No	198	0	0	198
CANY0054	SALT CK ON OLD BATES WILSON RD SC-9	Yes	316	316	0	0
CANY0055	INDIAN CK AT DUGOUT RANCH	No	0	0	0	0
CANY0056	(D-31-20)24B	No	23	0	23	0
CANY0057	COLORADO R. BL BIG DROP #3 RAPIDS	Yes	495	495	0	0
CANY0058	(D-31-20)16	Yes	5	0	5	0
CANY0059	C17781	Yes	8	0	8	0
CANY0060	LOST CANYON CREEK 1 MI E/SE OF DRUID ARCH	Yes	146	146	0	0
CANY0061	LOST CANYON CREEK, 1MI E/SE OF DRUID ARCH LO-2	Yes	157	157	0	0
CANY0062	LOST CANYON SPRING	Yes	9	0	9	0
CANY0063	SALT CREEK NR PEEKABOO SPRING SC-12	Yes	395	395	0	0
CANY0064	SALT CK NR CRESCENT ARCH SC-10	Yes	371	371	0	0
CANY0065	POTHOLE POINT	Yes	9	0	9	0
CANY0066	(D-30-19)23AC POTHOLE POINT	Yes	9	0	9	0
CANY0067	DAVIS CANYON RISE	No	16	0	16	0
CANY0068	DAVIS CANYON CK 2 MI S/SW OF S. 6-SHOOTER PK	No	116	116	0	0
CANY0069	DAVIS CANYON CK 2 MI S/SW OF S. 6-SHOOTER PK DC	No	158	158	0	0
CANY0070	DAVIS CANYON POOL 1/2 MILE BELOW PARK BOUNDARY	No	9	0	9	0
CANY0071	(D-31-19)9DD DRUID ARCH	Yes	4	0	4	0

Station Period of Record Tabulation From 10/02/48 To 12/09/99

Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 12/09/99	01/01/75 to 12/31/84	Before 01/01/75
CANY0072	(D-30-20)7CA	Yes	24	0	24	0
CANY0073	C16964	No	8	0	8	0
CANY0074	(D-31-21)4D	No	29	0	29	0
CANY0075	(D-31-19) 4ADC-S1	Yes	8	0	0	8
CANY0076	(D-31-19)4ADC-S1 DORIUS SPRING	Yes	5	0	5	0
CANY0077	(D-31-18)5 Y-CANYON	Yes	21	0	21	0
CANY0078	DORIUS SPRING	Yes	15	0	0	15
CANY0079	PEEKABOO SPRING	Yes	16	0	16	0
CANY0080	(D-31-20) 6ADA-S1	Yes	30	0	0	30
CANY0081	C17788	Yes	8	0	8	0
CANY0082	(D-31-19)38DA-S1 ECHO SPRING	Yes	5	0	5	0
CANY0083	ECHO SPRING	Yes	16	0	16	0
CANY0084	(D-31-19) 3BDA-S1	Yes	25	0	0	25
CANY0085	(D-31-20)6BA	Yes	4	0	4	0
CANY0086	PAUL BUNYUN SPRING	Yes	16	0	16	0
CANY0087	COLO R AT Y AND CROSS CANYON	Yes	57	57	0	0
CANY0088	(D-30-1/2-20)32	Yes	24	0	24	0
CANY0089	(D-30-1/2-19)34CAC-S1 HANGOVER SPRING	Yes	5	0	5	0
CANY0090	T(D-30-19)34CAC-S1	Yes	30	0	0	30
CANY0091	2.4 MILE LOOP SPRING BS-2	Yes	760	760	0	0
CANY0092	2.4 MILE LOOP SPRING	Yes	107	107	0	0
CANY0093	DAVIS CANYON AT MOUTH	No	1	1	0	0
CANY0094	(D-30-20)31CDD-S1 LOST CANYON SPRING	Yes	5	0	5	0
CANY0095	(D-30-19)31CDD-S1	Yes	31	0	0	31
CANY0096	ERNIES COUNTRY SPR W; 0.5 MI S OF GOLDEN STAIRS	Yes	146	134	12	0
CANY0097	ERNIES COUNTRY SPG E, .5 MI SE OF WHITMORE ARCH	Yes	161	161	0	0
CANY0098	ERNIES COUNTRY SPG E 0.5 MI SE OF WHITMORE ARCH	Yes	150	138	12	0
CANY0099	ERNIES COUNTRY SPG W, .5 MI S OF GOLDEN STAIRS W	No	162	162	0	0
CANY0100	SODA SPRING	Yes	17	0	17	0
CANY0101	(D-30-19)27CDD-S1	Yes	26	0	0	26
CANY0102	(D-30-19)25CDC-S1 SQUAW SPRING	Yes	3	0	3	0
CANY0103	SODA SPRING (BS-3)	Yes	0	0	0	0
CANY0104	SODA SPRING	Yes	31	31	0	0
CANY0105	SQUAW CYN CK AT SQUAW SPG (UPSTR)	Yes	122	122	0	0
CANY0106	C16926	Yes	8	0	8	0
CANY0107	SQUAW CYN CK AT SQUAW SPG(UPSTR) SQ-1A	Yes	37	37	0	0
CANY0108	BIG SPG CYN CK .6 MI E OF SODA SPG (UPSTR)	Yes	145	145	0	0
CANY0109	BIG SPG CYN CK .6 MI E OF SODA SPG (UPSTR) BS-4	Yes	159	159	0	0
CANY0110	(D-30-19)25CDC-S1	Yes	30	0	0	30
CANY0111	SQUAW CYN CK .25 MI BL SQUAW SPG DWNSTR	Yes	147	146	1	0
CANY0112	SQUAW CANYON LARGE POOL	Yes	9	0	9	0
CANY0113	SQUAW CYN CK .25 MI BL SQUAW SPG DWNSTR SQ-2	Yes	122	122	0	0
CANY0114	(D-30-19)26CBC-S1 BIG SPRING	Yes	4	0	4	0
CANY0115	BIG SPRINGS	Yes	17	0	17	0
CANY0116	(D-30-19)26CBC-S1	Yes	30	0	0	30
CANY0117	INDIAN CK AT CYNLND S NTL PK ROAD XING	No	274	0	274	0
CANY0118	(D-30-21)28DC BLM #156 (CANYONLANDS RD XING)	No	354	0	354	0
CANY0119	RAIN POOL RISE	Yes	15	0	15	0
CANY0120	INDIAN CREEK BLW BOGUS POCKET NEAR MONTICELLO,UT	No	117	70	47	0
CANY0121	INDIAN CREEK BLW BOGUS POCKET, NR MONTICELLO, UT	No	266	0	266	0
CANY0122	CAVE SPRING	Yes	16	0	16	0
CANY0123	CAVE SPRING SQ-3	Yes	673	673	0	0
CANY0124	CAVE SPRING	Yes	155	155	0	0
CANY0125	CAVE SPRING	Yes	9	0	9	0
CANY0126	(D-30-18)34DB RED LAKE CANYON	Yes	21	0	21	0
CANY0127	(D-30-18)34DA	Yes	20	0	20	0
CANY0128	LITTLE SPG CYN CK 1/8MI AB BIG SPG RD XING LSC-1	Yes	162	162	0	0
CANY0129	LITTLE SPRING CANYON UPPER SPRING	Yes	9	0	9	0
CANY0130	LITTLE SPG CYN CK 1/8 MI AB SPG RD XING	Yes	118	118	0	0
CANY0131	(D-30-19)22ADD-S1	Yes	31	0	0	31
CANY0132	(D-30-20)20AB SALT CREEK	Yes	24	0	24	0
CANY0133	RAIN POOL	Yes	16	0	0	16
CANY0134	BIG SPG CYN CK AT END OF ROAD (DOWNSTR)	Yes	146	146	0	0
CANY0135	BIG SPG CANYON CK AT END OF ROAD (DOWNSTREAM) BS	Yes	158	158	0	0
CANY0136	BIG SPRING	Yes	10	0	10	0
CANY0137	(D-30-19)15ADC-S1	Yes	33	0	0	33
CANY0138	(D-30-19)15ADC-S1 LOWER BIG SPRING	Yes	5	0	5	0
CANY0139	(D-30-19)15AA	Yes	5	0	5	0
CANY0140	(D-30-19)14AAB-S1 LOWER LITTLE SPRING	Yes	5	0	5	0
CANY0141	(D-30-19)14AD	Yes	5	0	5	0
CANY0142	(D-30-20)7DC	Yes	5	0	5	0

Station Period of Record Tabulation From 10/02/48 To 12/09/99

Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 12/09/99	01/01/75 to 12/31/84	Before 01/01/75
CANY0143	(D-30-19)14AAB-S1	Yes	32	0	0	32
CANY0144	PLUG SPRING 1 MI N/NW OF THE PLUG	Yes	155	144	11	0
CANY0145	(D-30-19)10DD	Yes	1	0	1	0
CANY0146	S FK HORSE CYN SPG 1MI E/NE OF THE GAP (UPSTR) S	Yes	41	41	0	0
CANY0147	S FK HORSE CYN SPG 1 MI E/NE OF THE GAP (UPSTR)	Yes	134	123	11	0
CANY0148	(D-30-19)10DD	Yes	4	0	4	0
CANY0149	S FK HORSE CYN SPG 1 MI E/NE OF THE GAP (DOWNSTR)	Yes	127	116	11	0
CANY0150	S FK HORSE CYN SPG 1MI E/NE OF THE GAP (DOWNSTR)	Yes	162	162	0	0
CANY0151	(D-30-19)7C GREEN RIVER ABOVE COLORADO R. CONFL	Yes	22	0	22	0
CANY0152	GREEN RIVER AT CONFLUENCE WITH COLORADO RIVER	Yes	7	0	7	0
CANY0153	GREEN R AB CNFL / COLORADO R	Yes	2533	2118	415	0
CANY0154	PLUG SPRING 1 MI N/NW OF THE PLUG SF-1	Yes	114	114	0	0
CANY0155	COLORADO RIVER AT CONFLUENCE WITH GREEN RIVER	Yes	9	0	9	0
CANY0156	COLORADO R AB CNFL / GREEN R	Yes	2383	2125	258	0
CANY0157	(D-30-19)7C COLORADO RIVER ABOVE GREEN R. CONFL.	Yes	22	0	22	0
CANY0158	SALT CK AB LOWER JUMP	Yes	154	153	1	0
CANY0159	SALT CK AB LOWER JUMP SC-21	Yes	157	157	0	0
CANY0160	(D-30-19)12ACD-S1	Yes	33	0	0	33
CANY0161	(D-30-19)12ACD-S1 SALT CREEK-LOWER JUMP	Yes	24	0	24	0
CANY0162	WATER CANYON	Yes	10	0	10	0
CANY0163	WATER CANYON	Yes	43	43	0	0
CANY0164	COLO. RIVER @ 1/4 MI BELOW THE	Yes	24	0	24	0
CANY0165	LITTLE SPRING CANYON CREEK LS2	Yes	644	644	0	0
CANY0166	C17132	No	7	0	7	0
CANY0167	HART S DRAW CK AB MOUTH	No	49	0	49	0
CANY0168	(D-30-19)3DA Big Spring Creek	Yes	4	0	4	0
CANY0169	(D-30-19)3AD	Yes	5	0	5	0
CANY0170	(D-30-19)3AD	Yes	5	0	5	0
CANY0171	(D-30-20)1AA BLM #155 (LOCKHART BASIN RD)	No	14	0	14	0
CANY0172	(D-30-19)4AA	Yes	23	0	23	0
CANY0173	(D-30-19)4AAA	Yes	3	0	3	0
CANY0174	INDIAN CK AT LOCKHART BASIN ROAD XING	No	46	0	46	0
CANY0175	BIG WATER SPRING T30S R17E S9 NW1/4 SW1/4	No	107	95	12	0
CANY0176	(D-30-17) 9CBC-S1	No	25	0	25	0
CANY0177	D-30-17)9 BIG WATER SPRING 4	No	36	0	0	36
CANY0178	BIG WATER SPRING T30S R17E S9 NW1/4 SW1/4	No	99	40	59	0
CANY0179	SLDH502R	No	10	0	10	0
CANY0180	ROCK TANK (FIELD #1)	No	1	1	0	0
CANY0181	JASPER CYN SPG(UPPER)2.75MI E/SE MAZE OVERLK JC2	Yes	0	0	0	0
CANY0182	LITTLE ROCK RES (FIELD #6) NR HATCH POINT	No	1	1	0	0
CANY0183	(D-30-17) 5CDC-S1	No	25	0	25	0
CANY0184	(D-29-1/2-20)33AC	No	5	0	5	0
CANY0185	T(D-29-19)36BBC-S1	Yes	33	0	0	33
CANY0186	CHOCOLATE DROPS SPG .5 MI S OF MAZE OVERLOOK	Yes	118	118	0	0
CANY0187	CHOCOLATE DROPS SPG .5 MI S OF MAZE OVERLOOK SF-	Yes	843	843	0	0
CANY0188	(D-30-17) 4CCB-S1	No	23	0	23	0
CANY0189	HARTS DRAW SPRING	No	16	0	16	0
CANY0190	C17130	No	7	0	7	0
CANY0191	HARVEST SCENE SPG 1MI NE OF CHOCOLATE DROPS SF-2	Yes	160	160	0	0
CANY0192	HARVEST SCENE SPG 1 MI NE OF CHOCOLATE DROPS	Yes	145	134	11	0
CANY0193	MAZE OVERLOOK SPG .25 MI SE OF MAZE OVERLOOK	Yes	139	127	12	0
CANY0194	MAZE OVERLOOK SPG .25MI SE OF MAZE OVERLOOK SF-2	Yes	799	799	0	0
CANY0195	JASPER CYN SPG(LOWER) 3MI E OF MAZE OVERLOOK JC1	Yes	0	0	0	0
CANY0196	FRENCH SPRING	No	102	90	12	0
CANY0197	SLDH501R	No	11	0	11	0
CANY0198	FRENCH SPRING FS-1	No	142	82	60	0
CANY0199	HATCH WASH SPRING	No	232	0	232	0
CANY0200	(D-30-16) 3AAB-S1	No	64	0	0	64
CANY0201	RESERVOIR #2-HARTS DRAW	No	1	1	0	0
CANY0202	S FK HORSE CYN SPG 1 MI NE OF MAZE OVERLOOK SF-7	Yes	59	59	0	0
CANY0203	S FK HORSE CYN SPG 1 MI NE OF MAZE OVERLOOK	Yes	99	99	0	0
CANY0204	RESERVOIR ON THREE MILE CK (FIELD #4)	No	1	1	0	0
CANY0205	SLCH034R	Yes	11	0	11	0
CANY0206	JUNCTION SPG IN HORSE CYN 1 MI S OF EKKER B.	Yes	121	110	11	0
CANY0207	JUNCTION SPG IN HORSE CANYON 1 MI S OF EKKER B.	Yes	159	159	0	0
CANY0208	BURRO SEEP T29S R16E S20 SE1/4 NE1/4	No	56	0	56	0
CANY0209	WILDCAT SPRING T29S R15E S13 SW1/4 SW1/4	No	58	0	58	0
CANY0210	TRAIL SPRING T29S R15E S14 NW1/4 SE1/4	No	60	0	60	0
CANY0211	(D-29-15)14DBB-S1	No	31	0	0	31
CANY0212	(D-29-20)7D	No	4	0	4	0
CANY0213	(D-29-19)12BD	Yes	22	0	22	0

Station Period of Record Tabulation From 10/02/48 To 12/09/99

Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 12/09/99	01/01/75 to 12/31/84	Before 01/01/75
CANY0214	INDIAN CK 1/2 MI. UPSTRM FROM CONFL. OF CO R.	Yes	8	0	8	0
CANY0215	INDIAN CREEK	Yes	13	13	0	0
CANY0216	INDIAN CK AT MOUTH	Yes	41	41	0	0
CANY0217	COLORADO R INDIAN CK	Yes	1007	1007	0	0
CANY0218	(D-29-19)12BC - INDIAN CREEK	Yes	22	0	22	0
CANY0219	SLCH504R	No	10	0	10	0
CANY0220	SLCH502R	No	12	0	12	0
CANY0221	OCKHART CANYON SPRING 4	No	17	0	17	0
CANY0222	SLCH505R	No	10	0	10	0
CANY0223	C17291	No	8	0	8	0
CANY0224	BARRIER CREEK SPRING T28S R15E S25 SE1/4 NW1/4	No	60	0	60	0
CANY0225	ANDERSON BOTTOM - GREEN RIVER	Yes	24	0	24	0
CANY0226	LATHROP CANYON CONFLUENCE WITH COLORADO RIVER	Yes	8	0	8	0
CANY0227	COLORADO R AT LATHROP CAN	Yes	2116	1785	331	0
CANY0228	ANDERSON BOTTOM SEEP/SPRING	Yes	10	0	10	0
CANY0229	WHITE RIM #2 SPRING	Yes	16	0	16	0
CANY0230	LATHROP SPRING	Yes	7	7	0	0
CANY0231	WHITE RIM #1 SPRING	Yes	16	0	16	0
CANY0232	WHITE RIM SPG #1 IN LATHROP CANYON	Yes	151	139	12	0
CANY0233	WHITE RIM SPG #1 IN LATHROP CANYON: WR-1	Yes	0	0	0	0
CANY0234	WHITE RIM #1 (SOGS SPRING)	Yes	9	0	9	0
CANY0235	LATHROP SPRING	Yes	16	0	16	0
CANY0236	HATCH WASH CK AT MOUTH	No	132	0	132	0
CANY0237	KANE SPRINGS CK AT MOUTH ABOVE HATCH WASH	No	132	0	132	0
CANY0238	LATHRUP CANYON NO.4 SOG SPRINGS NR. MOAB, UTAH	Yes	204	204	0	0
CANY0239	(D-28-18)1ABC-S1	Yes	32	0	0	32
CANY0240	(D-27-18)32DCB-S1	Yes	32	0	0	32
CANY0241	CLYDES SPRING T28S R16E S1 SE1/4 NE1/4	No	57	0	57	0
CANY0242	LATHROP MINE	Yes	26	26	0	0
CANY0243	KANE CREEK SEEP	No	17	0	17	0
CANY0244	KANE CANYON CK AT UPPER SITE	No	90	0	90	0
CANY0245	LATHRUP CANYON NO. 1 UPPER WASH, NR. MOAB, UTAH	Yes	246	246	0	0
CANY0246	LATHRUP CANYON NO.3 MINE SHAFT POOL NR. MOAB, UT	Yes	223	223	0	0
CANY0247	LATHRUP CANYON NO.2.MINE SHAFT SEEP NR. MOAB, UT	Yes	228	228	0	0
CANY0248	BIG SPRING T27S R16E S35 NE1/4 SE1/4	No	36	0	36	0
CANY0249	(D-27-18)27CCB-S1	Yes	59	0	0	59
CANY0250	HOLEMAN SPR 0.5 MI SW OF UPHEAVAL OVERLOOK -HSB-	Yes	106	106	0	0
CANY0251	HOLEMAN SPR .5 MI SW OF UPHEAVAL OVERLOOK	Yes	171	160	11	0
CANY0252	TROUGH CANYON SPRING	No	17	0	17	0
CANY0253	C17239	No	8	0	8	0
CANY0254	SLCH501R	No	10	0	10	0
CANY0255	WINDY POINT SPRING T27S R16E S34 NE1/4 NW1/4	No	57	0	57	0
CANY0256	C17805	Yes	8	0	8	0
CANY0257	KANE SPRINGS CANYON SPRING	No	17	0	17	0
CANY0258	DRIPPING SPRING	No	17	0	17	0
CANY0259	C17302	No	8	0	8	0
CANY0260	HORSESHOE CN SPG 2MI AB CNFL/ WATER CN UPPER HSC	Yes	156	156	0	0
CANY0261	HORSESHOE CN SPG 2 MI AB CNFL/ WATER CN UPPER	Yes	110	98	12	0
CANY0262	CABIN SPRING 1.3 MI SW OF VISITOR CENTER	Yes	167	155	12	0
CANY0263	CABIN SPRING	Yes	8	0	8	0
CANY0264	CABIN SPRING 1.3 MI SW OF VISITORS CENTER: TC-2	Yes	156	156	0	0
CANY0265	NECK SPRING 1 MI S OF VISITOR CENTER TC-1	Yes	115	115	0	0
CANY0266	(D-27-19)21BDC-S1	Yes	53	0	0	53
CANY0267	NECK SPRING 1 MI S OF VISITOR CENTER	Yes	88	76	12	0
CANY0268	NECK SPRING	Yes	8	0	8	0
CANY0269	SLCH503R	No	12	0	12	0
CANY0270	WILLOW SPRING T27S R16E S23 NE1/4 SW1/4	No	32	0	32	0
CANY0271	R(D-27-17)13DBA-S1	Yes	36	0	0	36
CANY0272	SYNCLINE SPRING	Yes	16	0	16	0
CANY0273	HORSESHOE CYN SPG .3MI AB CNFL/ WATER CYN LOWER	Yes	204	204	0	0
CANY0274	HORSESHOE CYN SPG .3 MI AB CNFL/ WATER CYN LOWER	Yes	91	91	0	0
CANY0275	(D-27-16)20BDC-S1	Yes	32	0	0	32
CANY0276	COLORADO RIVER 600 YDS BELOW CANYON #3	No	758	758	0	0
CANY0277	COLORADO R. 1/4MI BL CNFL / MOAB SALT CO CANYON	No	1454	1454	0	0
CANY0278	MOONSHINE CANYON OF HORSESHOE CANYON	Yes	164	164	0	0
CANY0279	SHAFFER SPG/ SHAFFER CYN .75 MI AB COLORADO R: SCS	Yes	44	44	0	0
CANY0280	SHAFFER SPG/ SHAFFER CYN .75 MI AB COLORADO RIVER	Yes	113	100	13	0
CANY0281	SHAFFER SPRING	Yes	10	0	10	0
CANY0282	MOAB SALT CO. CANYON #3 AB CNFL / COLORADO R.	No	251	251	0	0
CANY0283	HORSESHOE SPRING T27S R16E S17 SW1/4 NW1/4	Yes	58	0	58	0
CANY0284	COLORADO RIVER AT POTASH BOAT RAMP	No	1115	1115	0	0

Station Period of Record Tabulation From 10/02/48 To 12/09/99

Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 12/09/99	01/01/75 to 12/31/84	Before 01/01/75
CANY0285	SHAFFER SPRING	Yes	7	7	0	0
CANY0286	C17510	No	7	0	7	0
CANY0287 ¹	MOAB SALT ENVIR RECLAIM POND 3	No	1047	1047	0	0
CANY0288 ¹	COLORADO R BL POTASH (TEXAS-GULF SULFUR)	No	1155	0	1155	0
CANY0289	HORSETHIEF SPRING	No	16	0	16	0
CANY0290 ¹	MOAB SALT TAILINGS POND REINJECTION 03	No	1014	1014	0	0
CANY0291 ¹	GREEN R AT MINERAL BOTTOMS	No	2439	1329	1110	0
CANY0292	MINERAL BOTTOM AT THE BOAT RAMP	No	7	0	7	0
CANY0293	SLBH502R	No	12	0	12	0
CANY0294	BARRIER CREEK ABOVE CNFL / GREEN RIVER	No	79	79	0	0
CANY0295	SPRING CANYON CREEK ABOVE CNFL / GREEN RIVER	No	124	124	0	0
CANY0296	C17544	No	8	0	8	0
CANY0297	GREEN R AT HEY JOE MINE	No	137	0	137	0
CANY0298	KEG SPRING CREEK ABOVE CNFL / GREEN RIVER	No	122	122	0	0
CANY0299	TEN MILE CANYON CREEK ABOVE CNFL / GREEN RIVER	No	5	5	0	0

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

Parameter Period of Record Tabulation From 10/02/48 To 12/09/99

Parameter Code	Name	Total Obs	01/01/85 to 12/09/99	01/01/75 to 12/31/84	Before 01/01/75	Stations	
						Total	Park
00004	STREAM WIDTH (FEET)	3	0	3	0	3	0
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	1234	901	309	24	269	166
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	17	0	17	0	7	4
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	439	414	25	0	59	33
00023	SAMPLE WEIGHT IN POUNDS	9	0	0	9	1	0
00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	90	51	19	20	29	21
00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	93	51	19	23	32	22
00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL	1	0	1	0	1	1
00055	VELOCITY, STREAM FT/SEC	2	0	2	0	2	0
00058	FLOW, RATE GALLONS/MIN	92	53	39	0	43	17
00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	72	42	6	24	49	43
00061	FLOW, STREAM, INSTANTANEOUS CFS	367	253	114	0	109	66
00064	DEPTH OF STREAM, MEAN (FT)	3	0	3	0	3	0
00065	STAGE, STREAM (FEET)	9	1	8	0	2	0
00070	TURBIDITY, (JACKSON CANDLE UNITS)	2	0	0	2	2	0
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	806	664	142	0	74	36
00078	TRANSPARENCY, SECCHI DISC (METERS)	1	1	0	0	1	1
00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	27	27	0	0	26	24
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	1036	814	222	0	178	120
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	976	716	232	28	172	82
00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	674	667	7	0	56	36
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	20	0	20	0	20	18
00300	OXYGEN, DISSOLVED MG/L	871	676	195	0	163	105
00310	BOD, 5 DAY, 20 DEG C MG/L	34	1	33	0	18	0
00335	COD, .025N K2CR2O7 MG/L	167	72	95	0	22	6
00400	PH (STANDARD UNITS)	1136	945	165	26	194	110
00403	PH, LAB, STANDARD UNITS SU	51	26	24	1	14	6
00405	CARBON DIOXIDE (MG/L AS CO2)	873	671	187	15	90	48
00406	PH, FIELD, STANDARD UNITS SU	714	557	157	0	147	94
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	1219	957	239	23	189	117
00430	ALKALINITY, CARBONATE (MG/L AS CaCO3)	1	0	0	1	1	1
00431	ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	1	0	1	0	1	0
00440	BICARBONATE ION (MG/L AS HCO3)	897	672	197	28	139	70
00445	CARBONATE ION (MG/L AS CO3)	750	667	58	25	96	55
00480	SALINITY - PARTS PER THOUSAND	24	24	0	0	24	22
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	24	0	24	0	19	13
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	775	659	116	0	74	35
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	5	0	5	0	2	0
00600	NITROGEN, TOTAL (MG/L AS N)	18	0	18	0	18	13
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	645	514	130	1	84	50
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	20	20	0	0	20	17
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	190	69	120	1	45	18
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	43	20	5	18	41	33
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	541	329	211	1	111	66
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	495	368	127	0	66	35
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	123	53	70	0	44	22
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	450	423	27	0	60	38
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	2	0	0	2	2	1
00655	PHOSPHATE, POLY (MG/L AS PO4)	297	281	16	0	34	31
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	22	0	22	0	12	10
00665	PHOSPHORUS, TOTAL (MG/L AS P)	639	494	145	0	94	51
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	404	388	16	0	52	36
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	186	70	116	0	41	19
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	2	0	2	0	2	0
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	1213	938	247	28	208	132
00902	HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	30	0	3	27	27	22
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	942	700	214	28	158	78
00916	CALCIUM, TOTAL (MG/L AS Ca)	22	0	22	0	12	1
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	931	700	203	28	147	73
00927	MAGNESIUM, TOTAL (MG/L AS MG)	18	0	18	0	11	0
00929	SODIUM, TOTAL (MG/L AS Na)	22	0	22	0	12	1
00930	SODIUM, DISSOLVED (MG/L AS Na)	929	698	206	25	148	79
00931	SODIUM ADSORPTION RATIO	31	1	6	24	28	20
00932	SODIUM, PERCENT	25	1	8	16	23	12
00933	SODIUM,PLUS POTASSIUM (MG/L)	3	0	0	3	3	2
00935	POTASSIUM, DISSOLVED (MG/L AS K)	917	698	194	25	137	73
00937	POTASSIUM, TOTAL MG/L AS K)	22	0	22	0	12	1
00940	CHLORIDE,TOTAL IN WATER MG/L	265	212	26	27	74	61
00941	CHLORIDE, DISSOLVED IN WATER MG/L	876	667	208	1	124	56
00945	SULFATE, TOTAL (MG/L AS SO4)	394	306	61	27	93	78
00946	SULFATE, DISSOLVED (MG/L AS SO4)	883	671	211	1	128	58

**Parameter Period of Record Tabulation
From 10/02/48 To 12/09/99**

Parameter Code	Name	Total Obs	01/01/85 to 12/09/99	01/01/75 to 12/31/84	Before 01/01/75	Stations	
						Total	Park
00950	FLUORIDE, DISSOLVED (MG/L AS F)	212	26	161	25	88	39
00955	SILICA, DISSOLVED (MG/L AS SI02)	233	26	179	28	99	40
01000	ARSENIC, DISSOLVED (UG/L AS AS)	367	304	45	18	62	34
01002	ARSENIC, TOTAL (UG/L AS AS)	32	8	24	0	17	1
01004	ARSENIC TOTAL IN FISH OR ANIMAL WET WT MG/KG	9	0	0	9	1	0
01005	BARIUM, DISSOLVED (UG/L AS BA)	365	323	40	2	48	22
01007	BARIUM, TOTAL (UG/L AS BA)	2	0	2	0	1	0
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	21	21	0	0	4	4
01020	BORON, DISSOLVED (UG/L AS B)	170	3	146	21	67	25
01025	CADMIUM, DISSOLVED (UG/L AS CD)	367	323	42	2	51	22
01027	CADMIUM, TOTAL (UG/L AS CD)	24	0	24	0	13	1
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	387	325	61	1	69	27
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	90	0	89	1	25	2
01034	CHROMIUM, TOTAL (UG/L AS CR)	32	8	24	0	17	1
01035	COBALT, DISSOLVED (UG/L AS CO)	43	21	22	0	26	9
01037	COBALT, TOTAL (UG/L AS CO)	22	0	22	0	12	1
01040	COPPER, DISSOLVED (UG/L AS CU)	410	325	65	20	89	43
01042	COPPER, TOTAL (UG/L AS CU)	323	283	40	0	51	32
01045	IRON, TOTAL (UG/L AS FE)	291	265	24	2	38	31
01046	IRON, DISSOLVED (UG/L AS FE)	416	324	72	20	90	41
01049	LEAD, DISSOLVED (UG/L AS PB)	367	322	42	3	52	21
01051	LEAD, TOTAL (UG/L AS PB)	24	0	24	0	13	1
01055	MANGANESE, TOTAL (UG/L AS MN)	281	263	18	0	39	31
01056	MANGANESE, DISSOLVED (UG/L AS MN)	377	325	50	2	56	21
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	22	21	1	0	5	4
01062	MOLYBDENUM, TOTAL (UG/L AS MO)	22	0	22	0	12	1
01065	NICKEL, DISSOLVED (UG/L AS NI)	69	25	43	1	23	4
01067	NICKEL, TOTAL (UG/L AS NI)	32	8	24	0	17	1
01075	SILVER, DISSOLVED (UG/L AS AG)	366	323	41	2	48	21
01077	SILVER, TOTAL (UG/L AS AG)	2	0	2	0	1	0
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	23	21	2	0	6	6
01085	VANADIUM, DISSOLVED (UG/L AS V)	30	21	9	0	13	5
01090	ZINC, DISSOLVED (UG/L AS ZN)	369	324	43	2	50	21
01092	ZINC, TOTAL (UG/L AS ZN)	32	8	24	0	17	1
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	256	254	2	0	31	18
01130	LITHIUM, DISSOLVED (UG/L AS LI)	23	21	2	0	6	6
01145	SELENIUM, DISSOLVED (UG/L AS SE)	368	304	46	18	61	33
01147	SELENIUM, TOTAL (UG/L AS SE)	32	8	24	0	17	1
01149	SELENIUM, TOTAL IN FISH OR ANIMALS WET WGT MG/KG	9	0	0	9	1	0
01150	TITANIUM, DISSOLVED (UG/L AS TI)	1	0	1	0	1	0
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	363	283	80	0	71	34
01501	ALPHA, TOTAL	93	71	22	0	7	6
01516	ALPHA, SUSPEND GROSS, AS URANIUM NATURAL, PC/L	18	0	18	0	18	13
03501	BETA, TOTAL	96	71	25	0	9	6
03515	BETA, DISSOLVED GROSS, AS CS-137, PC/L	25	23	2	0	6	4
03516	BETA, SUSPENDED GROSS, AS CS-137, PC/L	18	0	18	0	18	13
04208	ANIONS, SUM, TOTAL, WATER MEQ/L	4	0	4	0	3	0
04226	CATIONS, SUM, TOTAL, WATER MEQ/L	4	0	4	0	3	0
07000	TRITIUM (1H3),TOTAL (PICOCURIES/LITER)	5	2	3	0	3	2
09501	RADIUM 226, TOTAL	70	63	7	0	9	6
09511	RADIUM 226, DISSOLVED, RADON METHOD	11	11	0	0	2	2
11501	RADIUM 228, TOTAL	2	1	1	0	2	1
13501	STRONTIUM 90, TOTAL	1	0	1	0	1	0
22601	URANIUM 238, TOTAL	2	0	2	0	2	0
22603	URANIUM 238, DISSOLVED, PC/L	19	19	0	0	4	4
22610	URANIUM 234, DISSOLVED, PC/L	19	19	0	0	4	4
22620	URANIUM 235, DISSOLVED, PC/L	7	7	0	0	4	4
22703	URANIUM, NATURAL, DISSOLVED	15	0	10	5	15	5
31501	COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,35C	182	155	27	0	51	41
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	90	1	89	0	33	1
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	64	1	63	0	19	0
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	143	119	24	0	47	38
34474	SILVER WET WGT TISMG/KG	9	0	0	9	1	0
34680	ALDRIN IN FISH TISSUE WET WEIGHT MG/KG	9	0	0	9	1	0
34685	ENDRIN WET WGT TISMG/KG	9	0	0	9	1	0
34686	HEPTACHLOR EPOXIDE WET WGT TISMG/KG	9	0	0	9	1	0
34687	HEPTACHLOR WET WGT TISMG/KG	9	0	0	9	1	0
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	11	0	10	1	7	0
38442	DICAMBA (BANVEL) WATER,DISSUG/L	5	5	0	0	5	4
39074	BHC-ALPHA ISOMER, TISSUE UG/G WET WGT	9	0	0	9	1	0
39290	DDT TOTAL IN TISSUE WET WGT BASIS (UG/G)	9	0	0	9	1	0

Parameter Period of Record Tabulation **From 10/02/48 To 12/09/99**

Parameter	Total	01/01/85 to	01/01/75 to	Before	Stations	
Code Name	Obs	12/09/99	12/31/84	01/01/75	Total	Park
39312 P P DDD IN TISSUE WET WGT (UG/G)	9	0	0	9	1	0
39322 P,P'-DDE IN TISSUE WET WGT MG/KG	9	0	0	9	1	0
39404 DIELDRIN IN TISSUE WET WGT (UG/G)	9	0	0	9	1	0
39482 METHOXYCHLOR IN FISH - UG/KG	9	0	0	9	1	0
39730 2,4-D IN WHOLE WATER SAMPLE (UG/L)	1	1	0	0	1	1
39785 GAMMA-BHC(LINDANE),TISSUE,WET WEIGHT,MG/KG	9	0	0	9	1	0
50051 FLOW, RATE, INSTANTANEOUS MGD	4	3	1	0	4	2
50700 FLUORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	4	0	4	0	4	0
50760 CHLORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	8	0	8	0	8	1
50761 BROMINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	8	0	8	0	8	1
50786 ORTHOPHOSPHATE AS P, WATER MG/L	26	0	25	1	21	13
61027 ANIONS, SUM, TOTAL IN WATER MG/L	531	531	0	0	49	32
61944 CATIONS, SUM, TOTAL IN WATER, MG/L	531	531	0	0	49	32
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	920	674	220	26	155	83
70301 SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	33	1	7	25	30	20
70303 SOLIDS, DISSOLVED-TONS PER ACRE-FT	2	0	2	0	2	2
70337 SUS SED FALL DIA(DISTLD WATER)%FINER THAN .002MM	3	1	2	0	2	0
70338 SUS SED FALL DIA(DISTLD WATER)%FINER THAN .004MM	3	1	2	0	2	0
70340 SUS SED FALL DIA(DISTLD WATER)%FINER THAN .016MM	3	1	2	0	2	0
70342 SUS SED FALL DIA(DISTLD WATER)%FINER THAN .062MM	3	1	2	0	2	0
70343 SUS SED FALL DIA(DISTLD WATER)%FINER THAN .125MM	1	1	0	0	1	0
70507 PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	184	71	113	0	27	5
70953 CHLOROPHYLL-A,PHYTOPLANKTON UG/L,CHROMO-FLUORO	18	0	18	0	18	13
71830 HYDROXIDE ION (MG/L AS OH)	8	0	6	2	3	0
71850 NITRATE NITROGEN,TOTAL (MG/L AS NO3)	3	0	0	3	3	2
71851 NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	47	0	23	24	44	24
71856 NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	2	0	2	0	2	0
71885 IRON (UG/L AS FE)	8	0	0	8	8	7
71886 PHOSPHORUS, TOTAL, AS PO4 - MG/L	2	0	2	0	2	0
71890 MERCURY, DISSOLVED (UG/L AS HG)	304	301	2	1	33	17
71900 MERCURY, TOTAL (UG/L AS HG)	28	0	28	0	13	1
71930 MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	9	0	0	9	1	0
71936 LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	9	0	0	9	1	0
71939 CHROMIUM,TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	9	0	0	9	1	0
71940 CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	9	0	0	9	1	0
72000 ELEVATION OF LAND SURFACE DATUM (FT. ABOVE MSL)	12	0	0	12	12	11
72005 SAMPLE SOURCE CODE (BM WELL DATA)	2	0	0	2	2	1
72006 SAMPLING CONDITION CODE (BM WELL DATA)	3	0	0	3	3	1
74010 IRON, TOTAL (MG/L AS FE)	8	8	0	0	4	0
75986 ALPHA GROSS,1 SIGMA PRC EST AS NAT U,DISS,WTR UG/L	7	7	0	0	4	4
75987 ALPHA GROSS,DISS,1 SIGMA PRC EST AS TH230,WTR PC/L	7	7	0	0	4	4
75988 BETA GROSS,DISS,1 SIGMA PRC EST AS SR90/Y90 PC/L	7	7	0	0	4	4
75989 BETA GROSS,1 SIGMA PRC EST AS CS-137,DISS,WTR PC/L	7	7	0	0	4	4
75991 URANIUM 238,1 SIGMA PRC EST,DISSOLVED,WATER PC/L	7	7	0	0	4	4
75992 URANIUM 234,1 SIGMA PRC EST,DISSOLVED,WATER PC/L	7	7	0	0	4	4
75994 URANIUM 235,1 SIGMA PRC EST,DISSOLVED,WATER PC/L	7	7	0	0	4	4
76000 RADIUM 228,1 SIGMA PRC EST,DISSOLVED,WATER PC/L	3	3	0	0	3	3
76001 RADIUM 226,1 SIGMA PRC EST,DISSOLVED,WATER PC/L	7	7	0	0	4	4
80030 ALPHA,DISSOLVED GROSS,AS URANIUM-NATURAL,UG/L	23	23	0	0	4	4
80050 BETA,DISSOLVED GROSS,AS SR-Y-90, PC/L	23	23	0	0	4	4
80110 SPECIFIC GRAVITY WATER-UNITY AT 4C	11	11	0	0	11	7
80154 SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	7	3	4	0	2	0
81366 RADIUM-228,DISSOLVED (PC/L AS RA-228)	23	23	0	0	4	4
81614 NUMBER OF INDIVIDUALS IN THE SAMPLE	9	0	0	9	1	0
82041 HELIUM, DISSOLVED IN WATER (UG/L AS HE)	8	0	8	0	8	0
82079 TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	1	1	0	0	1	1
82298 BROMIDE DISSOLVED AS BR IN WATER UG/L	22	0	22	0	12	1
82331 DYSPROSIUM, DISSOLVED AS DY IN WATER UG/L	1	0	1	0	1	1
82701 ALUMINUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	5	5	0	0	5	3
82702 ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	364	279	85	0	66	34
82703 BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	294	206	88	0	67	34
82704 BERYLLIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	2	2	0	0	2	0
82705 CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	285	205	80	0	66	34
82706 CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	356	279	77	0	66	34
82707 COBALT, FIELD ACIDIFIED, DECANTED, WATER UG/L	3	3	0	0	3	1
82708 COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	369	278	91	0	68	34
82710 IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	412	279	133	0	68	34
82711 LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	282	205	77	0	64	34
82712 MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	374	278	96	0	68	34
82713 MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	321	206	115	0	66	34
82714 MOLYBDENUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	2	2	0	0	2	0

**Parameter Period of Record Tabulation
From 10/02/48 To 12/09/99**

Parameter		Total	01/01/85 to	01/01/75 to	Before	Stations	
Code	Name	Obs	12/09/99	12/31/84	01/01/75	Total	Park
82715	NICKEL, FIELD ACIDIFIED, DECANTED, WATER UG/L	124	75	49	0	25	3
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	282	204	78	0	65	34
82718	VANADIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	2	2	0	0	2	0
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	374	279	95	0	68	34
82725	BORON, FIELD ACIDIFIED, DECANTED, WATER UG/L	2	2	0	0	2	0
84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	26	6	2	18	19	14
84001	AQUIFER NAME CODE (SEE USGS CATALOG)	26	6	2	18	19	14
84007	ANATOMY ALPHA CODE	9	0	0	9	1	0
84008	LIFE STYLE/HABITAT OF THE INDIVIDUALS IN THE SAMPLE	9	0	0	9	1	0

Station/Parameter Period of Record Tabulation **From 10/02/48 To 12/09/99**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
CANY0024	No	00004	STREAM WIDTH (FEET)	09/15/81-09/15/81	0	1	
CANY0118	No	00004	STREAM WIDTH (FEET)	09/15/81-09/15/81	0	1	
CANY0171	No	00004	STREAM WIDTH (FEET)	03/24/77-03/24/77	0	1	
CANY0001	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/30/78-05/30/78	0	1	
CANY0004	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/30/78-05/30/78	0	1	
CANY0006	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/12/80-06/12/80	0	1	
CANY0007	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/30/78-01/30/78	0	1	
CANY0008	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/30/78-05/30/78	0	1	
CANY0009	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/01/78-06/01/78	0	1	
CANY0010	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/12/80-06/12/80	0	1	
CANY0011	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/78-06/16/78	0	1	
CANY0012	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/12/80-06/12/80	0	1	
CANY0013	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/09/79-06/12/80	0	2	
CANY0014	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/14/78-06/14/78	0	1	
CANY0015	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/18/78-06/18/78	0	1	
CANY0016	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/22/87-09/22/87	0	1	
CANY0017	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/17/78-06/17/78	0	1	
CANY0018	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/12/80-06/12/80	0	1	
CANY0020	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/12/80-06/12/80	0	1	
CANY0021	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/06/93-11/30/99	6	10	
CANY0022	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/15/78-06/15/78	0	1	
CANY0023	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/15/78-06/15/78	0	1	
CANY0024	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/29/76-09/15/81	5	4	
CANY0025	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/28/84-04/28/84	0	1	
CANY0027	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/29/88-08/28/91	3	25	
CANY0028	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/06/93-11/30/99	6	10	
CANY0029	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/28/84-04/28/84	0	1	
CANY0030	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/02/77-06/24/98	20	22	
CANY0031	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/15/78-06/15/78	0	1	
CANY0032	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/22/84-04/22/84	0	1	
CANY0033	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/28/78-06/28/78	0	1	
CANY0034	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/17/78-06/17/78	0	1	
CANY0035	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/02/48-10/02/48	0	1	
CANY0036	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/29/76-08/01/77	1	3	
CANY0037	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/28/84-04/28/84	0	1	
CANY0038	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/02/77-03/21/78	0	2	
CANY0039	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/23/84-04/23/84	0	1	
CANY0040	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/21/78-11/30/99	21	16	
CANY0041	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/18/80-11/12/80	0	2	
CANY0042	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/28/84-04/28/84	0	1	
CANY0043	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/18/78-06/18/78	0	1	
CANY0044	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/16/91-05/15/92	0	2	
CANY0045	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/28/84-04/28/84	0	1	
CANY0046	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/24/83-08/24/83	0	1	
CANY0047	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/08/85-05/22/90	5	8	
CANY0048	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/28/84-04/28/84	0	1	
CANY0049	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/24/83-08/24/83	0	1	
CANY0050	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/23/84-04/23/84	0	1	
CANY0051	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/28/84-04/28/84	0	1	
CANY0054	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/14/95-09/09/99	4	8	
CANY0056	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/23/84-04/23/84	0	1	
CANY0057	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/12/90-08/05/99	9	8	
CANY0058	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/26/84-04/26/84	0	1	
CANY0059	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/18/78-08/18/78	0	1	
CANY0060	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/13/85-05/17/90	5	11	
CANY0061	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/23/90-05/17/92	1	4	
CANY0062	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/24/83-08/24/83	0	1	
CANY0063	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/14/95-09/09/99	4	9	
CANY0064	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/14/95-09/09/99	4	9	
CANY0065	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/24/83-08/24/83	0	1	
CANY0066	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/22/83-08/22/83	0	1	
CANY0067	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/20/78-07/20/78	0	1	
CANY0068	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/12/85-05/16/90	5	9	
CANY0069	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/21/90-05/18/92	1	4	
CANY0070	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/24/83-08/24/83	0	1	
CANY0071	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/03/84-05/03/84	0	1	
CANY0072	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/27/84-04/27/84	0	1	
CANY0073	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/28/78-06/28/78	0	1	
CANY0074	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/23/84-04/23/84	0	2	
CANY0075	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/20/68-05/20/68	0	1	
CANY0076	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/02/84-05/02/84	0	1	
CANY0077	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/28/84-04/28/84	0	1	

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

Station/Parameter Period of Record Tabulation **From 10/02/48 To 12/09/99**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
CANY0079	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/14/78-06/14/78	0	1	
CANY0080	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/02/68-05/02/68	0	1	
CANY0081	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/18/78-08/18/78	0	1	
CANY0082	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/01/84-05/01/84	0	1	
CANY0083	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/05/78-08/05/78	0	1	
CANY0084	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/02/70-12/02/70	0	1	
CANY0085	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/26/84-04/26/84	0	1	
CANY0086	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/15/78-06/15/78	0	1	
CANY0087	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/11/85-04/07/88	2	5	
CANY0088	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/26/84-04/26/84	0	1	
CANY0089	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/01/84-05/01/84	0	1	
CANY0090	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/09/68-10/09/68	0	1	
CANY0091	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/23/90-12/09/99	9	19	
CANY0092	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/22/86-05/20/90	3	8	
CANY0094	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/05/84-05/05/84	0	1	
CANY0095	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/04/69-09/04/69	0	1	
CANY0096	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/16/84-05/07/90	5	12	
CANY0097	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/24/90-04/30/92	1	4	
CANY0098	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/16/84-05/07/90	5	12	
CANY0099	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/23/90-04/30/92	1	4	
CANY0100	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/14/78-07/14/78	0	1	
CANY0101	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/17/68-07/17/68	0	1	
CANY0102	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/28/84-04/28/84	0	1	
CANY0104	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/19/86-05/19/86	0	1	
CANY0105	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/28/85-05/17/90	4	9	
CANY0106	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/29/78-06/29/78	0	1	
CANY0107	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/23/90-09/23/90	0	1	
CANY0108	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/13/85-05/20/90	5	11	
CANY0109	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/21/90-05/16/92	1	4	
CANY0110	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/02/68-05/02/68	0	1	
CANY0111	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/12/85-05/17/90	5	11	
CANY0112	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/24/83-08/24/83	0	1	
CANY0113	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/91-05/16/92	0	3	
CANY0114	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/28/84-04/28/84	0	1	
CANY0115	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/02/78-07/02/78	0	1	
CANY0116	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/02/68-05/02/68	0	1	
CANY0117	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/27/79-03/16/82	2	6	
CANY0118	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/27/79-04/24/84	5	8	
CANY0119	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/01/78-07/01/78	0	1	
CANY0120	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/29/84-07/21/86	2	4	
CANY0121	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/18/83-04/30/84	1	12	
CANY0122	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/21/78-07/21/78	0	1	
CANY0123	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/30/90-12/09/99	9	15	
CANY0124	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/12/85-05/18/90	5	12	
CANY0125	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/24/83-08/24/83	0	1	
CANY0126	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/27/84-04/27/84	0	1	
CANY0128	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/26/91-04/24/93	1	4	
CANY0129	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/24/83-08/24/83	0	1	
CANY0130	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/15/85-05/18/90	5	9	
CANY0131	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/05/70-03/05/70	0	1	
CANY0132	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/28/84-04/28/84	0	1	
CANY0133	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/08/70-04/08/70	0	1	
CANY0134	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/14/85-05/20/90	5	11	
CANY0135	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/30/90-05/16/92	1	4	
CANY0136	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/24/83-08/24/83	0	1	
CANY0137	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/08/70-04/08/70	0	1	
CANY0138	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/25/84-04/25/84	0	1	
CANY0139	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/25/84-04/25/84	0	1	
CANY0140	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/24/84-04/24/84	0	1	
CANY0141	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/24/84-04/24/84	0	1	
CANY0142	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/24/84-04/24/84	0	1	
CANY0143	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-04/07/70	0	1	
CANY0144	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/14/84-05/10/90	5	12	
CANY0145	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/25/84-04/25/84	0	1	
CANY0146	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/23/90-10/23/90	0	1	
CANY0147	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/15/84-10/06/89	4	10	
CANY0148	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/25/84-04/25/84	0	1	
CANY0149	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/15/84-05/10/90	5	10	
CANY0150	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/23/90-05/01/92	1	4	
CANY0151	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/27/84-04/27/84	0	1	
CANY0152	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/01/83-09/01/83	0	1	
CANY0153	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/21/83-08/04/99	16	55	

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Station/Parameter Period of Record Tabulation **From 10/02/48 To 12/09/99**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
CANY0154	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/23/90-05/02/92	1	2	
CANY0155	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/01/83-09/01/83	0	1	
CANY0156	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/21/83-08/04/99	16	53	
CANY0157	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/27/84-04/27/84	0	1	
CANY0158	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/11/85-05/22/90	5	11	
CANY0159	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/30/90-05/16/92	1	4	
CANY0160	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/20/69-05/20/69	0	1	
CANY0161	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/24/84-04/24/84	0	1	
CANY0162	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/01/83-09/01/83	0	1	
CANY0163	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/10/85-04/06/88	2	3	
CANY0164	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/23/77-10/23/77	0	1	
CANY0165	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/93-12/09/99	6	15	
CANY0167	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/27/80-03/27/80	0	1	
CANY0168	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/26/84-04/26/84	0	1	
CANY0169	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/26/84-04/26/84	0	1	
CANY0170	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/26/84-04/26/84	0	1	
CANY0171	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/24/77-04/24/84	7	2	
CANY0172	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/27/84-04/27/84	0	1	
CANY0173	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/27/84-04/27/84	0	1	
CANY0174	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/21/78-03/21/78	0	1	
CANY0175	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/30/84-10/08/89	5	8	
CANY0176	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/12/83-04/12/83	0	1	
CANY0178	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/18/80-10/26/90	10	3	
CANY0179	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/25/79-05/25/79	0	1	
CANY0183	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/12/83-04/12/83	0	1	
CANY0184	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/24/84-04/24/84	0	1	
CANY0185	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-04/07/70	0	1	
CANY0186	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/04/85-05/11/90	4	9	
CANY0187	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/25/90-09/19/99	8	22	
CANY0188	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/12/83-04/12/83	0	1	
CANY0189	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/78-06/22/78	0	1	
CANY0191	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/25/90-05/04/92	1	4	
CANY0192	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/01/84-05/08/90	5	12	
CANY0193	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/02/84-05/11/90	5	11	
CANY0194	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/25/90-09/19/99	8	21	
CANY0196	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/03/84-05/11/90	5	7	
CANY0197	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/22/79-05/22/79	0	1	
CANY0198	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/12/80-02/28/99	18	4	
CANY0199	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/22/78-03/25/81	3	5	
CANY0200	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/15/57-09/03/69	12	2	
CANY0202	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/25/90-05/14/91	0	2	
CANY0203	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/06/85-05/08/90	4	7	
CANY0205	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/30/79-05/30/79	0	1	
CANY0206	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/01/84-05/08/90	5	10	
CANY0207	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/25/90-05/03/92	1	4	
CANY0208	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/14/80-11/14/80	0	1	
CANY0209	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/13/80-04/24/81	0	2	
CANY0210	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/13/80-04/24/81	0	2	
CANY0211	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/22/57-05/22/57	0	1	
CANY0212	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/25/84-04/25/84	0	1	
CANY0213	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/26/84-04/26/84	0	1	
CANY0214	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/24/83-08/24/83	0	1	
CANY0215	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/08/87-04/08/87	0	1	
CANY0216	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/09/97-09/09/97	0	1	
CANY0217	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/16/91-08/20/97	6	22	
CANY0218	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/26/84-04/26/84	0	1	
CANY0219	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/30/79-05/30/79	0	1	
CANY0220	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/25/79-05/25/79	0	1	
CANY0221	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/28/78-07/28/78	0	1	
CANY0222	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/30/79-05/30/79	0	1	
CANY0223	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/25/78-06/25/78	0	1	
CANY0224	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/14/80-04/24/81	0	2	
CANY0225	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/22/77-10/22/77	0	1	
CANY0226	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/01/83-09/01/83	0	1	
CANY0227	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/15/83-08/06/98	15	48	
CANY0228	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/01/83-09/01/83	0	1	
CANY0230	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/07/87-09/07/87	0	1	
CANY0232	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/11/84-09/12/89	5	11	
CANY0234	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/29/83-08/29/83	0	1	
CANY0236	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/27/78-04/29/81	3	3	
CANY0237	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/27/78-04/29/81	3	3	
CANY0238	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/14/88-03/02/89	0	5	

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Station/Parameter Period of Record Tabulation **From 10/02/48 To 12/09/99**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
CANY0239	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/13/69-11/13/69	0	1	
CANY0240	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/04/70-03/04/70	0	1	
CANY0241	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/14/80-04/24/81	0	2	
CANY0243	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/13/78-06/13/78	0	1	
CANY0244	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/29/80-04/29/81	1	2	
CANY0245	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/14/88-05/01/89	1	6	
CANY0246	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/14/88-05/01/89	1	6	
CANY0247	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/14/88-05/01/89	1	6	
CANY0248	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/14/80-04/24/81	0	2	
CANY0249	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/14/68-05/14/68	0	1	
CANY0250	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/14/91-09/09/98	7	2	
CANY0251	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/25/85-03/23/90	4	11	
CANY0252	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/13/78-06/13/78	0	1	
CANY0253	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/78-06/22/78	0	1	
CANY0254	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/79-05/23/79	0	1	
CANY0255	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/14/80-04/24/81	0	2	
CANY0256	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/05/78-10/05/78	0	1	
CANY0257	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/12/78-06/12/78	0	1	
CANY0258	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/15/78-06/15/78	0	1	
CANY0259	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/25/78-06/25/78	0	1	
CANY0260	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/27/90-05/05/92	1	3	
CANY0261	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/27/84-05/12/90	5	7	
CANY0262	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/22/84-03/22/90	5	12	
CANY0263	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/29/83-08/29/83	0	1	
CANY0264	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/90-04/18/92	1	4	
CANY0265	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/90-04/18/92	1	3	
CANY0266	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/18/65-05/18/65	0	1	
CANY0267	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/22/84-03/22/90	5	6	
CANY0268	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/29/83-08/29/83	0	1	
CANY0269	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/26/79-05/26/79	0	1	
CANY0270	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/24/81-04/24/81	0	1	
CANY0271	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/04/70-03/04/70	0	1	
CANY0273	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/27/90-09/19/99	8	5	
CANY0274	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/10/85-05/11/90	4	6	
CANY0275	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/12/69-11/12/69	0	1	
CANY0276	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/22/95-10/04/99	4	18	
CANY0277	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/18/91-04/12/99	7	33	
CANY0278	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/17/97-09/03/98	0	4	
CANY0279	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/90-10/04/90	0	1	
CANY0280	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/11/84-03/28/88	3	8	
CANY0281	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/29/83-08/29/83	0	1	
CANY0282	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/09/90-05/17/96	5	6	
CANY0283	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/17/80-11/14/80	0	2	
CANY0284	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/15/91-08/06/98	7	22	
CANY0285	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/07/87-09/07/87	0	1	
CANY0287	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/02/90-10/04/99	8	20	
CANY0288	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/23/77-01/27/81	3	29	
CANY0290	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/02/90-10/04/99	8	20	
CANY0291	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/19/77-09/06/99	22	52	
CANY0292	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/01/83-09/01/83	0	1	
CANY0293	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/79-05/17/79	0	1	
CANY0294	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/14/92-05/14/92	0	1	
CANY0295	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/03/92-09/05/99	7	3	
CANY0296	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/29/78-06/29/78	0	1	
CANY0297	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/14/77-09/19/77	0	4	
CANY0298	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/01/89-09/04/99	10	3	
CANY0005	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/02/80-10/15/80	0	6	
CANY0026	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/02/80-10/15/80	0	6	
CANY0229	Yes	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	08/21/77-08/21/77	0	1	
CANY0231	Yes	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	08/21/77-08/21/77	0	1	
CANY0235	Yes	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	08/21/77-08/21/77	0	1	
CANY0272	Yes	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/01/77-07/01/77	0	1	
CANY0289	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	08/22/77-08/22/77	0	1	
CANY0021	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/06/93-11/30/99	6	9	
CANY0024	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/21/80-09/15/81	1	3	
CANY0027	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/29/88-08/28/91	3	25	
CANY0028	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/06/93-11/30/99	6	9	
CANY0036	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/29/76-08/01/77	1	3	
CANY0040	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/06/93-11/30/99	6	9	
CANY0044	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/24/91-05/15/92	0	3	
CANY0054	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/14/95-09/09/99	4	8	
CANY0057	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/02/93-08/05/99	6	6	

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

Station/Parameter Period of Record Tabulation **From 10/02/48 To 12/09/99**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
CANY0061	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/23/91-05/17/92	0	3	
CANY0063	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/14/95-09/09/99	4	10	
CANY0064	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/14/95-09/09/99	4	9	
CANY0069	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/26/91-05/18/92	0	3	
CANY0091	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/23/91-12/09/99	8	17	
CANY0097	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/13/91-04/30/92	0	2	
CANY0099	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/13/91-04/30/92	0	3	
CANY0109	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/23/91-05/16/92	0	3	
CANY0113	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/23/91-05/16/92	0	3	
CANY0118	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/15/81-03/16/82	0	2	
CANY0120	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/29/84-07/21/86	2	4	
CANY0121	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/18/83-04/30/84	1	12	
CANY0123	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/30/90-12/09/99	9	14	
CANY0128	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/26/91-04/24/93	1	4	
CANY0135	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/30/90-05/16/92	1	3	
CANY0150	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/13/91-05/01/92	0	3	
CANY0153	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/29/93-08/04/99	6	22	
CANY0154	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/02/92-05/02/92	0	1	
CANY0156	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/29/93-08/04/99	6	24	
CANY0159	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/30/90-05/16/92	1	3	
CANY0165	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/04/93-08/17/99	5	14	
CANY0171	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/24/77-03/24/77	0	1	
CANY0176	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/12/83-04/12/83	0	1	
CANY0183	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/12/83-04/12/83	0	1	
CANY0187	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/25/91-09/19/99	7	17	
CANY0188	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/12/83-04/12/83	0	1	
CANY0191	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/25/91-05/04/92	0	2	
CANY0194	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/25/91-09/19/99	7	18	
CANY0198	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	02/28/99-02/28/99	0	1	
CANY0207	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/27/91-05/03/92	0	2	
CANY0217	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/28/93-08/20/97	4	19	
CANY0227	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/28/93-08/20/97	4	17	
CANY0238	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/02/89-03/02/89	0	1	
CANY0245	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/02/89-03/02/89	0	1	
CANY0246	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/02/89-03/02/89	0	1	
CANY0247	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/02/89-03/02/89	0	1	
CANY0250	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/09/98-09/09/98	0	1	
CANY0260	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/23/91-05/05/92	0	2	
CANY0273	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/01/98-09/19/99	0	4	
CANY0276	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/21/96-10/04/99	3	16	
CANY0277	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/28/93-04/12/99	5	28	
CANY0278	Yes	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/17/97-09/03/98	0	4	
CANY0282	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/02/90-05/17/96	5	4	
CANY0284	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/28/93-08/20/97	4	16	
CANY0287	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/02/90-10/04/99	8	17	
CANY0290	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/02/90-10/04/99	8	15	
CANY0291	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/14/92-09/06/99	7	8	
CANY0294	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/03/91-05/14/92	0	2	
CANY0295	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/30/93-09/05/99	5	2	
CANY0298	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/12/92-09/04/99	7	2	
CANY0053	No	00023	SAMPLE WEIGHT IN POUNDS	12/01/71-04/27/72	0	9	
CANY0027	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	06/29/88-08/28/91	3	25	
CANY0035	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	10/02/48-10/02/48	0	1	
CANY0075	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	05/20/68-05/20/68	0	1	
CANY0080	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	05/02/68-05/02/68	0	1	
CANY0090	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	10/09/68-10/09/68	0	1	
CANY0095	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	09/04/69-09/04/69	0	1	
CANY0101	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	07/17/68-07/17/68	0	1	
CANY0110	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	05/02/68-05/02/68	0	1	
CANY0116	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	05/02/68-05/02/68	0	1	
CANY0120	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	05/29/84-07/21/86	2	6	
CANY0121	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	03/18/83-09/18/84	1	13	
CANY0131	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	03/05/70-03/05/70	0	1	
CANY0137	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	04/08/70-04/08/70	0	1	
CANY0143	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	04/07/70-04/07/70	0	1	
CANY0160	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	05/20/69-05/20/69	0	1	
CANY0176	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	04/12/83-04/12/83	0	1	
CANY0183	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	04/12/83-04/12/83	0	1	
CANY0185	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	04/07/70-04/07/70	0	1	
CANY0188	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	04/12/83-04/12/83	0	1	
CANY0200	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	05/15/57-09/03/69	12	2	
CANY0238	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	04/14/88-03/02/89	0	5	

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Station/Parameter Period of Record Tabulation From 10/02/48 To 12/09/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
CANY0239	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	11/13/69-11/13/69	0	1	
CANY0240	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	03/04/70-03/04/70	0	1	
CANY0245	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	04/14/88-05/01/89	1	6	
CANY0246	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	04/14/88-05/01/89	1	6	
CANY0247	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	04/14/88-05/01/89	1	6	
CANY0249	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	05/14/68-05/14/68	0	1	
CANY0266	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	10/24/67-10/24/67	0	1	
CANY0271	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	03/04/70-03/04/70	0	1	
CANY0027	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	06/29/88-08/28/91	3	25	
CANY0035	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	10/02/48-10/02/48	0	1	
CANY0052	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	07/01/68-07/01/68	0	1	
CANY0075	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	05/20/68-05/20/68	0	1	
CANY0080	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	05/02/68-05/02/68	0	1	
CANY0090	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	10/09/68-10/09/68	0	1	
CANY0095	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	09/04/69-09/04/69	0	1	
CANY0101	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	07/17/68-07/17/68	0	1	
CANY0110	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	05/02/68-05/02/68	0	1	
CANY0116	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	05/02/68-05/02/68	0	1	
CANY0120	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	05/29/84-07/21/86	2	6	
CANY0121	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	03/18/83-09/18/84	1	13	
CANY0131	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	03/05/70-03/05/70	0	1	
CANY0137	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	04/08/70-04/08/70	0	1	
CANY0143	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	04/07/70-04/07/70	0	1	
CANY0160	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	05/20/69-05/20/69	0	1	
CANY0176	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	04/12/83-04/12/83	0	1	
CANY0183	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	04/12/83-04/12/83	0	1	
CANY0185	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	04/07/70-04/07/70	0	1	
CANY0188	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	04/12/83-04/12/83	0	1	
CANY0200	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	05/15/57-09/03/69	12	2	
CANY0211	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	05/22/57-05/22/57	0	1	
CANY0238	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	04/14/88-03/02/89	0	5	
CANY0239	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	11/13/69-11/13/69	0	1	
CANY0240	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	03/04/70-03/04/70	0	1	
CANY0245	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	04/14/88-05/01/89	1	6	
CANY0246	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	04/14/88-05/01/89	1	6	
CANY0247	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	04/14/88-05/01/89	1	6	
CANY0249	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	05/14/68-05/14/68	0	1	
CANY0266	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	10/24/67-10/24/67	0	1	
CANY0271	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	03/04/70-03/04/70	0	1	
CANY0275	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	11/12/69-11/12/69	0	1	
CANY0066	Yes	00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL	08/22/83-08/22/83	0	1	
CANY0024	No	00055	VELOCITY, STREAM FT/SEC	09/15/81-09/15/81	0	1	
CANY0118	No	00055	VELOCITY, STREAM FT/SEC	09/15/81-09/15/81	0	1	
CANY0011	No	00058	FLOW, RATE GALLONS/MIN	06/16/78-06/16/78	0	1	
CANY0012	No	00058	FLOW, RATE GALLONS/MIN	08/09/79-06/12/80	0	2	
CANY0013	No	00058	FLOW, RATE GALLONS/MIN	08/09/79-06/12/80	0	2	
CANY0014	No	00058	FLOW, RATE GALLONS/MIN	06/14/78-06/14/78	0	1	
CANY0017	No	00058	FLOW, RATE GALLONS/MIN	06/17/78-06/17/78	0	1	
CANY0022	No	00058	FLOW, RATE GALLONS/MIN	06/15/78-06/15/78	0	1	
CANY0023	No	00058	FLOW, RATE GALLONS/MIN	06/15/78-06/15/78	0	1	
CANY0031	No	00058	FLOW, RATE GALLONS/MIN	06/15/78-06/15/78	0	1	
CANY0041	No	00058	FLOW, RATE GALLONS/MIN	06/18/80-06/18/80	0	1	
CANY0054	Yes	00058	FLOW, RATE GALLONS/MIN	05/16/98-09/09/99	1	3	
CANY0063	Yes	00058	FLOW, RATE GALLONS/MIN	09/10/97-02/23/99	1	5	
CANY0064	Yes	00058	FLOW, RATE GALLONS/MIN	05/16/98-09/09/99	1	5	
CANY0079	Yes	00058	FLOW, RATE GALLONS/MIN	06/14/78-06/14/78	0	1	
CANY0083	Yes	00058	FLOW, RATE GALLONS/MIN	08/05/78-08/05/78	0	1	
CANY0086	Yes	00058	FLOW, RATE GALLONS/MIN	06/15/78-06/15/78	0	1	
CANY0091	Yes	00058	FLOW, RATE GALLONS/MIN	05/03/98-08/17/99	1	4	
CANY0100	Yes	00058	FLOW, RATE GALLONS/MIN	07/14/78-07/14/78	0	1	
CANY0115	Yes	00058	FLOW, RATE GALLONS/MIN	07/02/78-07/02/78	0	1	
CANY0123	Yes	00058	FLOW, RATE GALLONS/MIN	02/11/98-12/09/99	1	6	
CANY0165	Yes	00058	FLOW, RATE GALLONS/MIN	08/28/97-08/17/99	1	7	
CANY0176	No	00058	FLOW, RATE GALLONS/MIN	04/12/83-04/12/83	0	1	
CANY0178	No	00058	FLOW, RATE GALLONS/MIN	06/18/80-11/12/80	0	2	
CANY0183	No	00058	FLOW, RATE GALLONS/MIN	04/12/83-04/12/83	0	1	
CANY0187	Yes	00058	FLOW, RATE GALLONS/MIN	05/25/97-09/19/99	2	8	
CANY0188	No	00058	FLOW, RATE GALLONS/MIN	04/12/83-04/12/83	0	1	
CANY0189	No	00058	FLOW, RATE GALLONS/MIN	06/22/78-06/22/78	0	1	
CANY0194	Yes	00058	FLOW, RATE GALLONS/MIN	05/25/97-09/19/99	2	7	
CANY0198	No	00058	FLOW, RATE GALLONS/MIN	11/12/80-02/28/99	18	3	
CANY0208	No	00058	FLOW, RATE GALLONS/MIN	11/14/80-11/14/80	0	1	

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

**Station/Parameter Period of Record Tabulation
From 10/02/48 To 12/09/99**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
CANY0210	No	00058	FLOW, RATE GALLONS/MIN	11/13/80-04/24/81	0	2	
CANY0221	No	00058	FLOW, RATE GALLONS/MIN	07/28/78-07/28/78	0	1	
CANY0224	No	00058	FLOW, RATE GALLONS/MIN	11/14/80-04/24/81	0	2	
CANY0243	No	00058	FLOW, RATE GALLONS/MIN	06/13/78-06/13/78	0	1	
CANY0248	No	00058	FLOW, RATE GALLONS/MIN	11/14/80-04/24/81	0	2	
CANY0250	Yes	00058	FLOW, RATE GALLONS/MIN	09/09/98-09/09/98	0	1	
CANY0252	No	00058	FLOW, RATE GALLONS/MIN	06/13/78-06/13/78	0	1	
CANY0257	No	00058	FLOW, RATE GALLONS/MIN	06/12/78-06/12/78	0	1	
CANY0258	No	00058	FLOW, RATE GALLONS/MIN	06/15/78-06/15/78	0	1	
CANY0270	No	00058	FLOW, RATE GALLONS/MIN	04/24/81-04/24/81	0	1	
CANY0273	Yes	00058	FLOW, RATE GALLONS/MIN	12/01/98-03/01/99	0	2	
CANY0278	Yes	00058	FLOW, RATE GALLONS/MIN	11/17/97-09/03/98	0	3	
CANY0283	Yes	00058	FLOW, RATE GALLONS/MIN	06/17/80-11/14/80	0	2	
CANY0290	No	00058	FLOW, RATE GALLONS/MIN	08/22/95-08/22/95	0	1	
CANY0035	No	00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	10/02/48-10/02/48	0	1	
CANY0047	Yes	00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	05/22/86-08/24/88	2	2	
CANY0062	Yes	00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	08/24/83-08/24/83	0	1	
CANY0068	No	00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	02/12/85-05/20/86	1	3	
CANY0070	No	00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	08/24/83-08/24/83	0	1	
CANY0075	Yes	00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	05/20/68-05/20/68	0	1	
CANY0080	Yes	00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	05/02/68-05/02/68	0	1	
CANY0084	Yes	00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	12/02/70-12/02/70	0	1	
CANY0087	Yes	00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	04/09/86-04/09/86	0	1	
CANY0090	Yes	00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	10/09/68-10/09/68	0	1	
CANY0095	Yes	00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	09/04/69-09/04/69	0	1	
CANY0096	Yes	00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	10/01/85-04/25/87	1	2	
CANY0098	Yes	00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	10/01/85-04/25/87	1	4	
CANY0101	Yes	00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	07/17/68-07/17/68	0	1	
CANY0105	Yes	00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	05/21/86-05/21/86	0	1	
CANY0108	Yes	00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	02/13/85-02/13/85	0	1	
CANY0110	Yes	00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	05/02/68-05/02/68	0	1	
CANY0116	Yes	00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	05/02/68-05/02/68	0	1	
CANY0129	Yes	00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	08/24/83-08/24/83	0	1	
CANY0131	Yes	00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	03/05/70-03/05/70	0	1	
CANY0134	Yes	00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	02/14/85-06/04/86	1	3	
CANY0136	Yes	00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	08/24/83-08/24/83	0	1	
CANY0137	Yes	00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	04/08/70-04/08/70	0	1	
CANY0143	Yes	00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	04/07/70-04/07/70	0	1	
CANY0144	Yes	00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	10/03/85-04/23/87	1	3	
CANY0147	Yes	00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	10/02/85-10/02/85	0	1	
CANY0149	Yes	00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	04/24/87-04/24/87	0	1	
CANY0158	Yes	00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	02/11/85-08/23/88	3	6	
CANY0160	Yes	00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	05/20/69-05/20/69	0	1	
CANY0163	Yes	00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	07/10/85-07/10/85	0	1	
CANY0185	Yes	00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	04/07/70-04/07/70	0	1	
CANY0186	Yes	00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	04/23/87-04/23/87	0	1	
CANY0192	Yes	00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	09/28/86-09/28/86	0	1	
CANY0196	No	00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	10/01/86-10/01/86	0	1	
CANY0200	No	00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	05/15/57-09/03/69	12	2	
CANY0206	Yes	00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	09/29/86-04/22/87	0	2	
CANY0211	No	00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	05/22/57-05/22/57	0	1	
CANY0239	Yes	00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	11/13/69-11/13/69	0	1	
CANY0240	Yes	00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	03/04/70-03/04/70	0	1	
CANY0249	Yes	00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	05/25/65-05/14/68	2	2	
CANY0251	Yes	00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	03/25/85-09/08/87	2	4	
CANY0261	Yes	00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	10/02/86-10/02/86	0	1	
CANY0262	Yes	00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	03/22/85-09/11/86	1	2	
CANY0266	Yes	00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	10/24/67-10/24/67	0	1	
CANY0271	Yes	00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	03/04/70-03/04/70	0	1	
CANY0274	Yes	00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	07/10/85-07/10/85	0	1	
CANY0275	Yes	00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	11/12/69-11/12/69	0	1	
CANY0280	Yes	00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	09/11/84-09/11/84	0	1	
CANY0281	Yes	00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	08/29/83-08/29/83	0	1	
CANY0006	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/09/79-06/12/80	0	2	
CANY0007	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	01/30/78-01/30/78	0	1	
CANY0010	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	06/12/80-06/15/82	2	2	
CANY0016	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/22/87-09/22/87	0	1	
CANY0018	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/09/79-06/12/80	0	2	
CANY0020	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	06/12/80-06/12/80	0	1	
CANY0021	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	07/06/93-11/30/99	6	11	
CANY0024	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	06/29/76-08/17/81	5	2	
CANY0025	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	04/28/84-04/28/84	0	1	

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Station/Parameter Period of Record Tabulation **From 10/02/48 To 12/09/99**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
CANY0027	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	06/29/88-08/28/91	3	25	
CANY0028	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	07/06/93-08/19/99	6	10	
CANY0029	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	04/28/84-04/28/84	0	1	
CANY0030	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	03/21/78-06/24/98	20	21	
CANY0032	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	04/22/84-04/22/84	0	1	
CANY0036	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	06/29/76-03/24/77	0	2	
CANY0038	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	03/21/78-03/21/78	0	1	
CANY0039	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	04/23/84-04/23/84	0	1	
CANY0040	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	03/21/78-11/30/99	21	17	
CANY0045	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	04/28/84-04/28/84	0	1	
CANY0046	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/24/83-08/24/83	0	1	
CANY0047	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	05/22/86-08/24/88	2	2	
CANY0048	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	04/28/84-04/28/84	0	1	
CANY0049	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/24/83-08/24/83	0	1	
CANY0050	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	04/23/84-04/23/84	0	1	
CANY0051	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	04/28/84-04/28/84	0	1	
CANY0054	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	06/14/95-06/14/95	0	1	
CANY0056	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	04/23/84-04/23/84	0	1	
CANY0057	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	07/12/90-09/10/97	7	6	
CANY0058	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	04/26/84-04/26/84	0	1	
CANY0068	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	02/12/85-05/20/86	1	3	
CANY0072	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	04/27/84-04/27/84	0	1	
CANY0074	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	04/23/84-04/23/84	0	2	
CANY0076	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	05/02/84-05/02/84	0	1	
CANY0082	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	05/01/84-05/01/84	0	1	
CANY0087	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	04/09/86-04/09/86	0	1	
CANY0088	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	04/26/84-04/26/84	0	1	
CANY0089	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	05/01/84-05/01/84	0	1	
CANY0091	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	04/24/93-08/14/98	5	6	
CANY0093	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	12/01/99-12/01/99	0	1	
CANY0094	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	05/05/84-05/05/84	0	1	
CANY0096	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	10/01/85-04/25/87	1	2	
CANY0097	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	10/22/90-10/22/90	0	1	
CANY0098	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	10/01/85-04/25/87	1	4	
CANY0105	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	05/21/86-05/21/86	0	1	
CANY0108	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	02/13/85-02/13/85	0	1	
CANY0114	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	04/28/84-04/28/84	0	1	
CANY0117	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	03/27/79-03/16/82	2	6	
CANY0118	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	03/27/79-04/24/84	5	7	
CANY0120	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	05/29/84-07/21/86	2	4	
CANY0121	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	03/18/83-04/30/84	1	12	
CANY0123	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	05/07/99-05/07/99	0	1	
CANY0128	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	04/24/93-04/24/93	0	1	
CANY0132	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	04/28/84-04/28/84	0	1	
CANY0134	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	02/14/85-06/04/86	1	3	
CANY0138	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	04/25/84-04/25/84	0	1	
CANY0139	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	04/25/84-04/25/84	0	1	
CANY0140	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	04/24/84-04/24/84	0	1	
CANY0141	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	04/24/84-04/24/84	0	1	
CANY0142	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	04/24/84-04/24/84	0	1	
CANY0144	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	10/03/85-04/23/87	1	3	
CANY0146	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	05/13/91-05/13/91	0	1	
CANY0147	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	10/02/85-10/02/85	0	1	
CANY0149	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	04/24/87-04/24/87	0	1	
CANY0153	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/01/84-06/16/99	14	19	
CANY0156	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/01/84-06/16/99	14	19	
CANY0158	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	02/11/85-08/23/88	3	6	
CANY0161	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	04/24/84-04/24/84	0	1	
CANY0162	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/01/83-09/01/83	0	1	
CANY0163	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	07/10/85-07/10/85	0	1	
CANY0165	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	10/04/93-05/07/99	5	4	
CANY0167	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	03/27/80-03/27/80	0	1	
CANY0169	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	04/26/84-04/26/84	0	1	
CANY0170	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	04/26/84-04/26/84	0	1	
CANY0171	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	03/24/77-04/24/84	7	2	
CANY0172	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	04/27/84-04/27/84	0	1	
CANY0174	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	03/21/78-03/21/78	0	1	
CANY0184	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	04/24/84-04/24/84	0	1	
CANY0186	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	04/23/87-04/23/87	0	1	
CANY0187	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	05/09/93-09/14/95	2	4	
CANY0192	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/28/86-09/28/86	0	1	
CANY0194	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	05/09/93-05/08/95	1	2	

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Station/Parameter Period of Record Tabulation **From 10/02/48 To 12/09/99**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
CANY0196	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	10/01/86-10/01/86	0	1	
CANY0199	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	03/22/78-03/27/79	1	2	
CANY0206	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/29/86-04/22/87	0	2	
CANY0213	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	04/26/84-04/26/84	0	1	
CANY0214	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/24/83-08/24/83	0	1	
CANY0216	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/09/97-08/29/98	0	2	
CANY0217	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	07/16/94-09/30/95	1	7	
CANY0227	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	06/15/83-09/09/97	14	19	
CANY0228	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/01/83-09/01/83	0	1	
CANY0236	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	03/27/78-04/29/81	3	3	
CANY0237	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	03/27/78-04/29/81	3	3	
CANY0244	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	04/29/80-04/29/81	1	2	
CANY0251	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	03/25/85-09/08/87	2	4	
CANY0261	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	10/02/86-10/02/86	0	1	
CANY0262	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	03/22/85-09/11/86	1	2	
CANY0270	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	06/18/80-11/14/80	0	2	
CANY0274	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	07/10/85-07/10/85	0	1	
CANY0277	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/24/93-09/09/97	4	5	
CANY0278	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	02/23/98-02/23/98	0	1	
CANY0280	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/11/84-09/11/84	0	1	
CANY0282	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	10/20/94-06/15/95	0	3	
CANY0284	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/24/93-09/09/97	4	9	
CANY0288	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	06/13/78-06/13/78	0	1	
CANY0291	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	07/30/84-09/30/95	11	12	
CANY0294	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	06/02/89-05/27/94	4	5	
CANY0295	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	06/01/89-10/02/95	6	5	
CANY0298	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	06/01/89-10/02/95	6	5	
CANY0299	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	06/01/89-05/26/94	4	5	
CANY0024	No	00064	DEPTH OF STREAM, MEAN (FT)	09/15/81-09/15/81	0	1	
CANY0118	No	00064	DEPTH OF STREAM, MEAN (FT)	09/15/81-09/15/81	0	1	
CANY0171	No	00064	DEPTH OF STREAM, MEAN (FT)	03/24/77-03/24/77	0	1	
CANY0120	No	00065	STAGE, STREAM (FEET)	11/14/85-11/14/85	0	1	
CANY0121	No	00065	STAGE, STREAM (FEET)	07/27/83-04/30/84	0	8	
CANY0052	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	07/01/68-07/01/68	0	1	
CANY0177	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	08/07/74-08/07/74	0	1	
CANY0003	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/17/86-09/17/86	0	1	
CANY0006	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/09/79-06/12/80	0	2	
CANY0007	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/20/77-01/30/78	0	2	
CANY0010	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/12/80-06/15/82	2	2	
CANY0012	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/09/79-06/12/80	0	2	
CANY0013	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/09/79-06/12/80	0	2	
CANY0016	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/22/87-09/22/87	0	1	
CANY0018	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/09/79-06/12/80	0	2	
CANY0020	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/12/80-06/12/80	0	1	
CANY0021	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/06/93-11/30/99	6	11	
CANY0028	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/06/93-11/30/99	6	11	
CANY0030	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/02/77-06/24/98	20	23	
CANY0038	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/02/77-03/21/78	0	2	
CANY0040	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/02/77-11/30/99	22	18	
CANY0044	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/24/91-05/15/92	0	3	
CANY0054	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/14/95-09/09/99	4	8	
CANY0057	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/12/90-08/05/99	9	12	
CANY0061	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/23/90-05/17/92	1	4	
CANY0063	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/14/95-09/09/99	4	10	
CANY0064	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/14/95-09/09/99	4	9	
CANY0069	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/26/91-05/18/92	0	3	
CANY0091	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/23/90-12/09/99	9	20	
CANY0097	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/24/90-04/30/92	1	4	
CANY0099	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/23/90-04/30/92	1	4	
CANY0107	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/23/90-09/23/90	0	1	
CANY0109	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/21/90-05/16/92	1	4	
CANY0113	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/23/91-05/16/92	0	3	
CANY0117	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/27/79-03/16/82	2	6	
CANY0118	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/27/79-03/16/82	2	6	
CANY0123	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/30/90-12/09/99	9	17	
CANY0128	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/26/91-04/24/93	1	4	
CANY0135	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/30/90-05/16/92	1	4	
CANY0146	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/23/90-10/23/90	0	1	
CANY0150	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/23/90-05/01/92	1	4	
CANY0153	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/04/83-08/04/99	16	63	T,S
CANY0154	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/23/90-05/02/92	1	3	
CANY0156	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/04/83-08/04/99	16	59	T,S

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

Station/Parameter Period of Record Tabulation **From 10/02/48 To 12/09/99**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
CANY0159	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/30/90-05/16/92	1	4	
CANY0165	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/04/93-12/09/99	6	17	
CANY0167	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/27/80-03/27/80	0	1	
CANY0174	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/21/78-03/21/78	0	1	
CANY0178	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/26/90-10/26/90	0	1	
CANY0187	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/25/90-09/19/99	8	22	
CANY0191	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/25/90-05/04/92	1	4	
CANY0194	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/25/90-09/19/99	8	21	
CANY0198	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/26/90-02/28/99	8	2	
CANY0199	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/22/78-03/25/81	3	5	
CANY0202	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/14/91-05/14/91	0	1	
CANY0207	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/25/90-05/03/92	1	4	
CANY0216	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/09/97-09/09/97	0	1	
CANY0217	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/16/91-08/20/97	6	26	
CANY0227	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/15/83-08/06/98	15	53	T,S
CANY0236	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/27/78-04/29/81	3	3	
CANY0237	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/27/78-04/29/81	3	3	
CANY0244	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/29/80-04/29/81	1	2	
CANY0250	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/14/91-09/09/98	7	3	
CANY0260	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/27/90-05/05/92	1	4	
CANY0264	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/04/90-04/18/92	1	4	
CANY0265	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/04/90-04/18/92	1	3	
CANY0273	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/27/90-09/19/99	8	5	
CANY0276	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/21/91-10/04/99	8	30	
CANY0277	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/18/91-04/12/99	7	46	
CANY0278	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/17/97-09/03/98	0	4	
CANY0279	Yes	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/04/90-10/04/90	0	1	
CANY0282	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/14/89-05/17/96	6	7	
CANY0284	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/15/91-08/06/98	7	29	
CANY0287	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/14/89-10/04/99	9	35	
CANY0288	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/20/77-01/27/81	3	27	
CANY0290	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/14/89-10/04/99	9	33	
CANY0291	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/14/77-09/06/99	22	60	T,S
CANY0294	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/03/91-05/14/92	0	2	
CANY0295	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/03/92-09/05/99	7	3	
CANY0297	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/14/77-09/19/77	0	4	
CANY0298	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/01/89-09/04/99	10	3	
CANY0153	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	07/10/85-07/10/85	0	1	
CANY0047	Yes	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	05/22/90-05/22/90	0	1	
CANY0060	Yes	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	05/17/90-05/17/90	0	1	
CANY0068	No	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	05/16/90-05/16/90	0	1	
CANY0092	Yes	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	05/20/90-05/20/90	0	1	
CANY0096	Yes	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	05/07/90-05/07/90	0	1	
CANY0098	Yes	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	05/07/90-05/07/90	0	1	
CANY0105	Yes	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	05/17/90-05/17/90	0	1	
CANY0108	Yes	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	05/20/90-05/20/90	0	1	
CANY0111	Yes	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	05/17/90-05/17/90	0	1	
CANY0124	Yes	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	05/18/90-05/18/90	0	1	
CANY0130	Yes	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	05/18/90-05/18/90	0	1	
CANY0134	Yes	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	05/20/90-05/20/90	0	1	
CANY0144	Yes	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	05/10/90-05/10/90	0	1	
CANY0149	Yes	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	04/16/85-05/10/90	5	2	
CANY0158	Yes	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	05/22/90-05/22/90	0	1	
CANY0163	Yes	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	04/23/86-04/23/86	0	1	
CANY0186	Yes	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	05/11/90-05/11/90	0	1	
CANY0192	Yes	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	05/08/90-05/08/90	0	1	
CANY0193	Yes	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	05/11/90-05/11/90	0	1	
CANY0196	No	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	05/11/90-05/11/90	0	1	
CANY0203	Yes	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	05/08/90-05/08/90	0	1	
CANY0206	Yes	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	05/08/90-05/08/90	0	1	
CANY0251	Yes	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	03/23/90-03/23/90	0	1	
CANY0261	Yes	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	05/12/90-05/12/90	0	1	
CANY0262	Yes	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	03/22/90-03/22/90	0	1	
CANY0274	Yes	00090	OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	05/11/90-05/11/90	0	1	
CANY0006	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	06/12/80-06/12/80	0	1	
CANY0007	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	01/30/78-01/30/78	0	1	
CANY0010	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	06/12/80-06/12/80	0	1	
CANY0012	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	06/12/80-06/12/80	0	1	
CANY0013	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	08/09/79-06/12/80	0	2	
CANY0016	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	09/22/87-09/22/87	0	1	
CANY0018	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	06/12/80-06/12/80	0	1	
CANY0020	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	06/12/80-06/12/80	0	1	

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

Station/Parameter Period of Record Tabulation **From 10/02/48 To 12/09/99**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
CANY0021	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/06/93-11/30/99	6	10	
CANY0024	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/21/80-09/15/81	1	3	
CANY0025	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/28/84-04/28/84	0	1	
CANY0028	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/06/93-11/30/99	6	10	
CANY0029	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/28/84-04/28/84	0	1	
CANY0030	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/21/78-06/24/98	20	21	
CANY0036	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/24/77-03/24/77	0	1	
CANY0037	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/28/84-04/28/84	0	1	
CANY0038	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/21/78-03/21/78	0	1	
CANY0039	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/23/84-04/23/84	0	1	
CANY0040	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/21/78-11/30/99	21	16	
CANY0041	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/18/80-11/12/80	0	2	
CANY0042	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/28/84-04/28/84	0	1	
CANY0044	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/16/91-05/15/92	0	2	
CANY0045	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/28/84-04/28/84	0	1	
CANY0046	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/24/83-08/24/83	0	1	
CANY0047	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/08/85-05/22/90	5	8	
CANY0048	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/28/84-04/28/84	0	1	
CANY0049	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/24/83-08/24/83	0	1	
CANY0051	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/28/84-04/28/84	0	1	
CANY0054	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/14/95-09/09/99	4	8	
CANY0056	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/23/84-04/23/84	0	1	
CANY0057	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/12/90-08/05/99	9	8	
CANY0058	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/26/84-04/26/84	0	1	
CANY0060	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/13/85-05/17/90	5	11	
CANY0061	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/23/90-05/17/92	1	4	
CANY0062	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/24/83-08/24/83	0	1	
CANY0063	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/14/95-09/09/99	4	9	
CANY0064	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/14/95-09/09/99	4	9	
CANY0065	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/24/83-08/24/83	0	1	
CANY0066	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/22/83-08/22/83	0	1	
CANY0068	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/12/85-05/16/90	5	9	
CANY0069	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/21/90-05/18/92	1	4	
CANY0070	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/24/83-08/24/83	0	1	
CANY0071	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/03/84-05/03/84	0	1	
CANY0072	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/27/84-04/27/84	0	1	
CANY0074	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/23/84-04/23/84	0	2	
CANY0076	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/02/84-05/02/84	0	1	
CANY0077	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/28/84-04/28/84	0	1	
CANY0082	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/01/84-05/01/84	0	1	
CANY0085	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/26/84-04/26/84	0	1	
CANY0087	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/24/85-04/07/88	2	6	
CANY0088	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/26/84-04/26/84	0	1	
CANY0089	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/01/84-05/01/84	0	1	
CANY0091	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/23/90-12/09/99	9	19	
CANY0092	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/22/86-05/20/90	3	8	
CANY0094	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/05/84-05/05/84	0	1	
CANY0096	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/84-05/07/90	5	11	
CANY0097	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/24/90-04/30/92	1	4	
CANY0098	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/16/84-05/07/90	5	11	
CANY0099	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/23/90-04/30/92	1	4	
CANY0104	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/19/86-05/19/86	0	1	
CANY0105	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/28/85-05/17/90	4	9	
CANY0107	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/23/90-09/23/90	0	1	
CANY0108	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/13/85-05/20/90	5	11	
CANY0109	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/21/90-05/16/92	1	4	
CANY0111	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/12/85-05/17/90	5	11	
CANY0112	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/24/83-08/24/83	0	1	
CANY0113	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/23/91-05/16/92	0	3	
CANY0117	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/27/79-03/16/82	2	6	
CANY0118	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/27/79-04/24/84	5	8	
CANY0123	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/30/90-12/09/99	9	15	
CANY0124	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/12/85-05/18/90	5	12	
CANY0125	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/24/83-08/24/83	0	1	
CANY0126	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/27/84-04/27/84	0	1	
CANY0127	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/27/84-04/27/84	0	1	
CANY0128	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/26/91-04/24/93	1	4	
CANY0129	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/24/83-08/24/83	0	1	
CANY0130	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/15/85-05/18/90	5	9	
CANY0134	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/14/85-05/20/90	5	11	
CANY0135	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/30/90-05/16/92	1	4	
CANY0136	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM 25C)	08/24/83-08/24/83	0	1	

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

Station/Parameter Period of Record Tabulation **From 10/02/48 To 12/09/99**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
CANY0138	Yes	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	04/25/84-04/25/84	0	1	
CANY0139	Yes	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	04/25/84-04/25/84	0	1	
CANY0140	Yes	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	04/24/84-04/24/84	0	1	
CANY0141	Yes	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	04/24/84-04/24/84	0	1	
CANY0142	Yes	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	04/24/84-04/24/84	0	1	
CANY0144	Yes	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	10/14/84-05/10/90	5	12	
CANY0146	Yes	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	10/23/90-10/23/90	0	1	
CANY0147	Yes	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	10/15/84-10/06/89	4	9	
CANY0148	Yes	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	04/25/84-04/25/84	0	1	
CANY0149	Yes	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	10/15/84-05/10/90	5	9	
CANY0150	Yes	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	10/23/90-05/01/92	1	4	
CANY0151	Yes	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	04/27/84-04/27/84	0	1	
CANY0152	Yes	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	09/01/83-09/01/83	0	1	
CANY0153	Yes	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/21/83-08/04/99	16	54	T,S
CANY0154	Yes	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	10/23/90-05/02/92	1	2	
CANY0155	Yes	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	09/01/83-09/01/83	0	1	
CANY0156	Yes	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/21/83-06/16/99	15	50	T,S
CANY0157	Yes	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	04/27/84-04/27/84	0	1	
CANY0158	Yes	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	02/11/85-05/22/90	5	11	
CANY0159	Yes	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	08/30/90-05/16/92	1	4	
CANY0162	Yes	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	09/01/83-09/01/83	0	1	
CANY0163	Yes	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/10/85-04/06/88	2	3	
CANY0165	Yes	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	10/04/93-12/09/99	6	15	
CANY0167	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	03/27/80-03/27/80	0	1	
CANY0168	Yes	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	04/26/84-04/26/84	0	1	
CANY0169	Yes	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	04/26/84-04/26/84	0	1	
CANY0170	Yes	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	04/26/84-04/26/84	0	1	
CANY0171	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	03/24/77-04/24/84	7	2	
CANY0172	Yes	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	04/27/84-04/27/84	0	1	
CANY0174	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	03/21/78-03/21/78	0	1	
CANY0175	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	09/30/84-10/08/89	5	7	
CANY0178	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	06/18/80-10/26/90	10	3	
CANY0184	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	04/24/84-04/24/84	0	1	
CANY0186	Yes	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	06/04/85-05/11/90	4	9	
CANY0187	Yes	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	10/25/90-09/19/99	8	22	
CANY0191	Yes	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	10/25/90-05/04/92	1	4	
CANY0192	Yes	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	10/01/84-05/08/90	5	11	
CANY0193	Yes	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	10/02/84-05/11/90	5	11	
CANY0194	Yes	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	10/25/90-09/19/99	8	21	
CANY0196	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	10/03/84-05/11/90	5	7	
CANY0198	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	11/12/80-02/28/99	18	4	
CANY0199	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	03/22/78-03/25/81	3	5	
CANY0202	Yes	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	10/25/90-10/25/90	0	1	
CANY0203	Yes	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	06/06/85-05/08/90	4	7	
CANY0206	Yes	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	06/06/85-05/08/90	4	9	
CANY0207	Yes	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	10/25/90-05/03/92	1	3	
CANY0208	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	11/14/80-04/24/81	0	2	
CANY0209	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	11/13/80-04/24/81	0	2	
CANY0210	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	11/13/80-04/24/81	0	2	
CANY0212	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	04/25/84-04/25/84	0	1	
CANY0213	Yes	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	04/26/84-04/26/84	0	1	
CANY0214	Yes	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	08/24/83-08/24/83	0	1	
CANY0215	Yes	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	04/08/87-04/08/87	0	1	
CANY0216	Yes	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	09/09/97-09/09/97	0	1	
CANY0217	Yes	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	04/16/91-08/20/97	6	21	
CANY0224	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	11/14/80-04/24/81	0	2	
CANY0226	Yes	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	09/01/83-09/01/83	0	1	
CANY0227	Yes	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	06/15/83-08/06/98	15	45	T,S
CANY0228	Yes	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	09/01/83-09/01/83	0	1	
CANY0230	Yes	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	09/07/87-09/07/87	0	1	
CANY0232	Yes	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	09/11/84-09/12/89	5	10	
CANY0234	Yes	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	08/29/83-08/29/83	0	1	
CANY0236	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	03/27/78-04/29/80	2	2	
CANY0237	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	03/27/78-04/29/81	3	3	
CANY0241	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	11/14/80-04/24/81	0	2	
CANY0244	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	04/29/80-04/29/81	1	2	
CANY0248	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	11/14/80-04/24/81	0	2	
CANY0250	Yes	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	08/14/91-09/09/98	7	2	
CANY0251	Yes	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	10/29/84-03/23/90	5	12	
CANY0255	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	11/14/80-04/24/81	0	2	
CANY0260	Yes	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	10/27/90-05/05/92	1	3	
CANY0261	Yes	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	09/27/84-05/12/90	5	7	

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

Station/Parameter Period of Record Tabulation **From 10/02/48 To 12/09/99**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
CANY0262	Yes	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	09/22/84-03/22/90	5	12	
CANY0263	Yes	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	08/29/83-08/29/83	0	1	
CANY0264	Yes	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	10/04/90-04/18/92	1	4	
CANY0265	Yes	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	10/04/90-04/18/92	1	3	
CANY0267	Yes	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	09/22/84-03/21/89	4	5	
CANY0268	Yes	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	08/29/83-08/29/83	0	1	
CANY0270	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	04/24/81-04/24/81	0	1	
CANY0273	Yes	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	10/27/90-09/19/99	8	5	
CANY0274	Yes	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/10/85-05/11/90	4	6	
CANY0276	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	08/22/95-10/04/99	4	18	
CANY0277	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/18/91-04/12/99	7	32	
CANY0278	Yes	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	11/17/97-09/03/98	0	4	
CANY0279	Yes	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	10/04/90-10/04/90	0	1	
CANY0280	Yes	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	09/11/84-03/28/88	3	7	
CANY0281	Yes	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	08/29/83-08/29/83	0	1	
CANY0282	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/09/90-05/17/96	5	6	
CANY0283	Yes	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	06/17/80-11/14/80	0	2	
CANY0284	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	04/15/91-08/06/98	7	21	
CANY0285	Yes	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	09/07/87-09/07/87	0	1	
CANY0287	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	11/02/90-10/04/99	8	16	
CANY0288	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	01/11/78-01/27/81	3	25	
CANY0290	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	11/02/90-10/04/99	8	16	
CANY0291	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	02/13/78-09/06/99	21	44	T,S
CANY0292	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	09/01/83-09/01/83	0	1	
CANY0295	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	09/03/92-09/05/99	7	3	
CANY0298	No	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	06/01/89-09/04/99	10	2	
CANY0001	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/30/78-05/30/78	0	1	
CANY0002	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/30/78-05/30/78	0	1	
CANY0003	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/17/86-09/17/86	0	1	
CANY0004	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/30/78-05/30/78	0	1	
CANY0006	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/09/79-06/12/80	0	2	
CANY0007	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/20/77-01/30/78	0	2	
CANY0008	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/30/78-05/30/78	0	1	
CANY0009	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/01/78-06/01/78	0	1	
CANY0010	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/12/80-06/15/82	2	2	
CANY0011	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/16/78-06/16/78	0	1	
CANY0012	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/09/79-06/12/80	0	2	
CANY0013	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/09/79-06/12/80	0	2	
CANY0014	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/14/78-06/14/78	0	1	
CANY0015	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/18/78-06/18/78	0	1	
CANY0016	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/22/87-09/22/87	0	1	
CANY0017	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/17/78-06/17/78	0	1	
CANY0018	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/09/79-06/12/80	0	2	
CANY0020	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/12/80-06/12/80	0	1	
CANY0021	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/06/93-11/30/99	6	11	
CANY0022	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/15/78-06/15/78	0	1	
CANY0023	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/15/78-06/15/78	0	1	
CANY0024	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/29/76-09/15/81	5	2	
CANY0027	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/29/88-08/28/91	3	25	
CANY0028	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/06/93-11/30/99	6	11	
CANY0030	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/02/77-06/24/98	20	24	
CANY0031	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/15/78-06/15/78	0	1	
CANY0033	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/28/78-06/28/78	0	1	
CANY0034	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/17/78-06/17/78	0	1	
CANY0035	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/02/48-10/02/48	0	1	
CANY0036	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/24/77-03/24/77	0	1	
CANY0038	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/02/77-03/21/78	0	3	
CANY0040	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/02/77-11/30/99	22	19	
CANY0043	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/18/78-06/18/78	0	1	
CANY0044	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/24/91-05/15/92	0	3	
CANY0050	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/23/84-04/23/84	0	1	
CANY0052	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/01/68-07/01/68	0	1	
CANY0054	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/14/95-09/09/99	4	8	
CANY0057	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/12/90-08/05/99	9	12	
CANY0059	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/18/78-08/18/78	0	1	
CANY0061	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/23/90-05/17/92	1	4	
CANY0063	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/14/95-09/09/99	4	10	
CANY0064	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/14/95-09/09/99	4	9	
CANY0067	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/20/78-07/20/78	0	1	
CANY0069	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/21/90-05/18/92	1	4	
CANY0073	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/28/78-06/28/78	0	1	
CANY0078	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM 25C)	05/20/69-05/20/69	0	1	

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

Station/Parameter Period of Record Tabulation **From 10/02/48 To 12/09/99**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
CANY0079	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/14/78-06/14/78	0	1	
CANY0080	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/02/68-05/02/68	0	1	
CANY0081	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/18/78-08/18/78	0	1	
CANY0083	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/05/78-08/05/78	0	1	
CANY0084	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/02/70-12/02/70	0	1	
CANY0086	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/15/78-06/15/78	0	1	
CANY0090	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/09/68-10/09/68	0	1	
CANY0091	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/23/90-12/09/99	9	20	
CANY0095	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/04/69-09/04/69	0	1	
CANY0097	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/24/90-04/30/92	1	4	
CANY0099	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/23/90-04/30/92	1	4	
CANY0100	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/14/78-07/14/78	0	1	
CANY0101	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/17/68-07/17/68	0	1	
CANY0106	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/29/78-06/29/78	0	1	
CANY0107	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/23/90-09/23/90	0	1	
CANY0109	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/21/90-05/16/92	1	4	
CANY0110	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/02/68-05/02/68	0	1	
CANY0113	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/23/91-05/16/92	0	3	
CANY0115	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/02/78-07/02/78	0	1	
CANY0116	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/02/68-05/02/68	0	1	
CANY0117	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/27/79-03/16/82	2	6	
CANY0118	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/27/79-03/16/82	2	7	
CANY0119	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/01/78-07/01/78	0	1	
CANY0120	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/29/84-07/21/86	2	4	
CANY0121	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/18/83-04/30/84	1	12	
CANY0122	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/21/78-07/21/78	0	1	
CANY0123	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/30/90-12/09/99	9	17	
CANY0128	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/26/91-04/24/93	1	4	
CANY0131	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/05/70-03/05/70	0	1	
CANY0132	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/28/84-04/28/84	0	1	
CANY0133	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/08/70-04/08/70	0	1	
CANY0135	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/30/90-05/16/92	1	4	
CANY0137	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/08/70-04/08/70	0	1	
CANY0143	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/07/70-04/07/70	0	1	
CANY0146	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/23/90-10/23/90	0	1	
CANY0150	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/23/90-05/01/92	1	4	
CANY0153	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/04/83-08/04/99	16	63	T,S
CANY0154	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/23/90-05/02/92	1	3	
CANY0156	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/04/83-08/04/99	16	59	T,S
CANY0159	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/30/90-05/16/92	1	4	
CANY0160	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/20/69-05/20/69	0	1	
CANY0161	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/24/84-04/24/84	0	1	
CANY0164	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/23/77-10/23/77	0	1	
CANY0165	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/04/93-12/09/99	6	17	
CANY0166	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/19/78-06/19/78	0	1	
CANY0167	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/27/80-03/27/80	0	1	
CANY0174	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/21/78-03/21/78	0	1	
CANY0176	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/12/83-04/12/83	0	1	
CANY0177	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/07/74-08/07/74	0	1	
CANY0178	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/26/90-10/26/90	0	1	
CANY0179	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/25/79-05/25/79	0	1	
CANY0183	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/12/83-04/12/83	0	1	
CANY0185	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/07/70-04/07/70	0	1	
CANY0187	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/25/90-09/19/99	8	22	
CANY0188	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/12/83-04/12/83	0	1	
CANY0189	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/22/78-06/22/78	0	1	
CANY0190	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/19/78-06/19/78	0	1	
CANY0191	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/25/90-05/04/92	1	4	
CANY0194	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/25/90-09/19/99	8	21	
CANY0197	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/22/79-05/22/79	0	1	
CANY0198	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/26/90-02/28/99	8	2	
CANY0199	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/22/78-03/25/81	3	5	
CANY0200	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/15/57-09/03/69	12	2	
CANY0202	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/14/91-05/14/91	0	1	
CANY0205	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/30/79-05/30/79	0	1	
CANY0207	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/25/90-05/03/92	1	4	
CANY0211	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/22/57-05/22/57	0	1	
CANY0216	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/09/97-09/09/97	0	1	
CANY0217	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/16/91-08/20/97	6	26	
CANY0218	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/26/84-04/26/84	0	1	
CANY0219	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/30/79-05/30/79	0	1	
CANY0220	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/25/79-05/25/79	0	1	

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Station/Parameter Period of Record Tabulation From 10/02/48 To 12/09/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
CANY0221	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/28/78-07/28/78	0	1	
CANY0222	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/30/79-05/30/79	0	1	
CANY0223	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/25/78-06/25/78	0	1	
CANY0225	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/22/77-10/22/77	0	1	
CANY0227	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/15/83-08/06/98	15	52	T,S
CANY0229	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/21/77-08/21/77	0	1	
CANY0231	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/21/77-08/21/77	0	1	
CANY0235	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/21/77-08/21/77	0	1	
CANY0236	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/27/78-04/29/81	3	3	
CANY0237	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/27/78-04/29/81	3	3	
CANY0238	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/14/88-03/02/89	0	5	
CANY0239	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/13/69-11/13/69	0	1	
CANY0240	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/04/70-03/04/70	0	1	
CANY0243	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/13/78-06/13/78	0	1	
CANY0244	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/29/80-04/29/81	1	2	
CANY0245	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/14/88-05/01/89	1	6	
CANY0246	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/14/88-05/01/89	1	6	
CANY0247	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/14/88-05/01/89	1	6	
CANY0249	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/25/65-05/14/68	2	2	
CANY0250	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/14/91-09/09/98	7	3	
CANY0252	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/13/78-06/13/78	0	1	
CANY0253	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/22/78-06/22/78	0	1	
CANY0254	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/23/79-05/23/79	0	1	
CANY0256	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/05/78-10/05/78	0	1	
CANY0257	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/12/78-06/12/78	0	1	
CANY0258	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/15/78-06/15/78	0	1	
CANY0259	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/25/78-06/25/78	0	1	
CANY0260	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/27/90-05/05/92	1	4	
CANY0264	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/04/90-04/18/92	1	4	
CANY0265	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/04/90-04/18/92	1	3	
CANY0266	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/18/65-10/24/67	2	2	
CANY0269	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/26/79-05/26/79	0	1	
CANY0271	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/04/70-03/04/70	0	1	
CANY0272	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/01/77-07/01/77	0	1	
CANY0273	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/27/90-09/19/99	8	5	
CANY0275	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/12/69-11/12/69	0	1	
CANY0276	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/21/91-10/04/99	8	30	
CANY0277	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/18/91-04/12/99	7	46	
CANY0278	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/17/97-09/03/98	0	4	
CANY0279	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/04/90-10/04/90	0	1	
CANY0282	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/14/89-05/17/96	6	7	
CANY0284	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/15/91-08/06/98	7	29	
CANY0286	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/26/78-06/26/78	0	1	
CANY0287	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/14/89-10/04/99	9	35	
CANY0288	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/23/77-01/27/81	3	31	
CANY0289	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/22/77-08/22/77	0	1	
CANY0290	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/14/89-10/04/99	9	33	
CANY0291	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/14/77-09/06/99	22	62	T,S
CANY0293	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/17/79-05/17/79	0	1	
CANY0294	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/03/91-05/14/92	0	2	
CANY0295	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/03/92-09/05/99	7	3	
CANY0296	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/29/78-06/29/78	0	1	
CANY0297	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/14/77-09/19/77	0	5	
CANY0298	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/01/89-09/04/99	10	3	
CANY0003	No	00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	09/17/86-09/17/86	0	1	
CANY0016	No	00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	09/22/87-09/22/87	0	1	
CANY0021	No	00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	07/06/93-11/30/99	6	11	
CANY0028	No	00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	07/06/93-11/30/99	6	11	
CANY0030	No	00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	06/12/86-06/24/98	12	15	
CANY0040	No	00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	06/12/86-11/30/99	13	12	
CANY0044	Yes	00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	05/24/91-05/15/92	0	3	
CANY0054	Yes	00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	06/14/95-09/09/99	4	8	
CANY0057	Yes	00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	07/12/90-08/05/99	9	12	
CANY0061	Yes	00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	09/23/90-05/17/92	1	4	
CANY0063	Yes	00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	06/14/95-09/09/99	4	10	
CANY0064	Yes	00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	06/14/95-09/09/99	4	9	
CANY0069	No	00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	09/21/90-05/18/92	1	4	
CANY0091	Yes	00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	09/23/90-12/09/99	9	20	
CANY0097	Yes	00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	10/24/90-04/30/92	1	4	
CANY0099	No	00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	10/23/90-04/30/92	1	4	
CANY0107	Yes	00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	09/23/90-09/23/90	0	1	
CANY0109	Yes	00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	09/21/90-05/16/92	1	4	

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Station/Parameter Period of Record Tabulation **From 10/02/48 To 12/09/99**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
CANY0113	Yes	00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	05/23/91-05/16/92	0	3	
CANY0123	Yes	00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	08/30/90-12/09/99	9	17	
CANY0128	Yes	00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	05/26/91-04/24/93	1	4	
CANY0135	Yes	00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	08/30/90-05/16/92	1	4	
CANY0146	Yes	00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	10/23/90-10/23/90	0	1	
CANY0150	Yes	00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	10/23/90-05/01/92	1	4	
CANY0153	Yes	00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	01/11/84-08/04/99	15	56	T,S
CANY0154	Yes	00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	10/23/90-05/02/92	1	3	
CANY0156	Yes	00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	01/15/85-08/04/99	14	52	T
CANY0159	Yes	00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	08/30/90-05/16/92	1	4	
CANY0165	Yes	00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	10/04/93-12/09/99	6	17	
CANY0178	No	00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	10/26/90-10/26/90	0	1	
CANY0187	Yes	00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	10/25/90-09/19/99	8	22	
CANY0191	Yes	00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	10/25/90-05/04/92	1	4	
CANY0194	Yes	00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	10/25/90-09/19/99	8	21	
CANY0198	No	00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	10/26/90-02/28/99	8	2	
CANY0202	Yes	00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	05/14/91-05/14/91	0	1	
CANY0207	Yes	00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	10/25/90-05/03/92	1	4	
CANY0216	Yes	00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	09/09/97-09/09/97	0	1	
CANY0217	Yes	00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	04/16/91-08/20/97	6	26	
CANY0227	Yes	00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	01/15/85-08/06/98	13	44	T
CANY0250	Yes	00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	08/14/91-09/09/98	7	3	
CANY0260	Yes	00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	10/27/90-05/05/92	1	4	
CANY0264	Yes	00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	10/04/90-04/18/92	1	4	
CANY0265	Yes	00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	10/04/90-04/18/92	1	3	
CANY0273	Yes	00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	10/27/90-09/19/99	8	5	
CANY0276	No	00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	07/21/91-10/04/99	8	30	
CANY0277	No	00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	07/18/91-04/12/99	7	46	
CANY0278	Yes	00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	11/17/97-09/03/98	0	4	
CANY0279	Yes	00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	10/04/90-10/04/90	0	1	
CANY0282	No	00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	11/14/89-05/17/96	6	7	
CANY0284	No	00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	04/15/91-08/06/98	7	29	
CANY0287	No	00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	11/14/89-10/04/99	9	36	
CANY0290	No	00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	11/14/89-10/04/99	9	34	
CANY0291	No	00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	04/17/84-09/06/99	15	35	S
CANY0294	No	00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	10/03/91-05/14/92	0	2	
CANY0295	No	00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	09/03/92-09/05/99	7	3	
CANY0298	No	00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	06/01/89-09/04/99	10	3	
CANY0046	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/24/83-08/24/83	0	1	
CANY0049	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/24/83-08/24/83	0	1	
CANY0062	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/24/83-08/24/83	0	1	
CANY0065	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/24/83-08/24/83	0	1	
CANY0070	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/24/83-08/24/83	0	1	
CANY0112	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/24/83-08/24/83	0	1	
CANY0125	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/24/83-08/24/83	0	1	
CANY0129	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/24/83-08/24/83	0	1	
CANY0136	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/24/83-08/24/83	0	1	
CANY0152	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/01/83-09/01/83	0	1	
CANY0155	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/01/83-09/01/83	0	1	
CANY0162	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/01/83-09/01/83	0	1	
CANY0214	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/24/83-08/24/83	0	1	
CANY0226	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/01/83-09/01/83	0	1	
CANY0228	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/01/83-09/01/83	0	1	
CANY0234	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/29/83-08/29/83	0	1	
CANY0263	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/29/83-08/29/83	0	1	
CANY0268	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/29/83-08/29/83	0	1	
CANY0281	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/29/83-08/29/83	0	1	
CANY0292	No	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/01/83-09/01/83	0	1	
CANY0005	No	00300	OXYGEN, DISSOLVED MG/L	06/02/80-10/15/80	0	6	
CANY0006	No	00300	OXYGEN, DISSOLVED MG/L	06/12/80-06/12/80	0	1	
CANY0010	No	00300	OXYGEN, DISSOLVED MG/L	06/12/80-06/12/80	0	1	
CANY0012	No	00300	OXYGEN, DISSOLVED MG/L	06/12/80-06/12/80	0	1	
CANY0013	No	00300	OXYGEN, DISSOLVED MG/L	06/12/80-06/12/80	0	1	
CANY0016	No	00300	OXYGEN, DISSOLVED MG/L	09/22/87-09/22/87	0	1	
CANY0018	No	00300	OXYGEN, DISSOLVED MG/L	06/12/80-06/12/80	0	1	
CANY0020	No	00300	OXYGEN, DISSOLVED MG/L	06/12/80-06/12/80	0	1	
CANY0021	No	00300	OXYGEN, DISSOLVED MG/L	03/26/97-11/30/99	2	3	
CANY0024	No	00300	OXYGEN, DISSOLVED MG/L	06/29/76-09/15/81	5	4	
CANY0025	Yes	00300	OXYGEN, DISSOLVED MG/L	04/28/84-04/28/84	0	1	
CANY0026	No	00300	OXYGEN, DISSOLVED MG/L	06/02/80-10/15/80	0	6	
CANY0028	No	00300	OXYGEN, DISSOLVED MG/L	03/26/97-11/30/99	2	3	
CANY0029	Yes	00300	OXYGEN, DISSOLVED MG/L	04/28/84-04/28/84	0	1	

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

**Station/Parameter Period of Record Tabulation
From 10/02/48 To 12/09/99**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
CANY0030	No	00300	OXYGEN, DISSOLVED MG/L	08/02/77-06/24/98	20	22	
CANY0032	Yes	00300	OXYGEN, DISSOLVED MG/L	04/22/84-04/22/84	0	1	
CANY0036	No	00300	OXYGEN, DISSOLVED MG/L	06/29/76-03/24/77	0	2	
CANY0037	No	00300	OXYGEN, DISSOLVED MG/L	04/28/84-04/28/84	0	1	
CANY0038	No	00300	OXYGEN, DISSOLVED MG/L	08/02/77-08/02/77	0	1	
CANY0040	No	00300	OXYGEN, DISSOLVED MG/L	08/02/77-11/30/99	22	10	
CANY0041	No	00300	OXYGEN, DISSOLVED MG/L	06/18/80-11/12/80	0	2	
CANY0042	Yes	00300	OXYGEN, DISSOLVED MG/L	04/28/84-04/28/84	0	1	
CANY0044	Yes	00300	OXYGEN, DISSOLVED MG/L	09/16/91-05/15/92	0	2	
CANY0045	Yes	00300	OXYGEN, DISSOLVED MG/L	04/28/84-04/28/84	0	1	
CANY0047	Yes	00300	OXYGEN, DISSOLVED MG/L	05/08/85-05/22/90	5	6	
CANY0048	Yes	00300	OXYGEN, DISSOLVED MG/L	04/28/84-04/28/84	0	1	
CANY0050	No	00300	OXYGEN, DISSOLVED MG/L	04/23/84-04/23/84	0	1	
CANY0051	Yes	00300	OXYGEN, DISSOLVED MG/L	04/28/84-04/28/84	0	1	
CANY0054	Yes	00300	OXYGEN, DISSOLVED MG/L	06/14/95-09/09/99	4	7	
CANY0056	No	00300	OXYGEN, DISSOLVED MG/L	04/23/84-04/23/84	0	1	
CANY0057	Yes	00300	OXYGEN, DISSOLVED MG/L	07/12/90-08/31/98	8	5	
CANY0058	Yes	00300	OXYGEN, DISSOLVED MG/L	04/26/84-04/26/84	0	1	
CANY0060	Yes	00300	OXYGEN, DISSOLVED MG/L	02/13/85-05/17/90	5	9	
CANY0061	Yes	00300	OXYGEN, DISSOLVED MG/L	09/23/90-05/17/92	1	4	
CANY0063	Yes	00300	OXYGEN, DISSOLVED MG/L	06/14/95-09/09/99	4	8	
CANY0064	Yes	00300	OXYGEN, DISSOLVED MG/L	06/14/95-09/09/99	4	9	
CANY0066	Yes	00300	OXYGEN, DISSOLVED MG/L	08/22/83-08/22/83	0	1	
CANY0068	No	00300	OXYGEN, DISSOLVED MG/L	02/12/85-05/16/90	5	7	
CANY0069	No	00300	OXYGEN, DISSOLVED MG/L	09/21/90-05/18/92	1	4	
CANY0071	Yes	00300	OXYGEN, DISSOLVED MG/L	05/03/84-05/03/84	0	1	
CANY0072	Yes	00300	OXYGEN, DISSOLVED MG/L	04/27/84-04/27/84	0	1	
CANY0074	No	00300	OXYGEN, DISSOLVED MG/L	04/23/84-04/23/84	0	2	
CANY0076	Yes	00300	OXYGEN, DISSOLVED MG/L	05/02/84-05/02/84	0	1	
CANY0077	Yes	00300	OXYGEN, DISSOLVED MG/L	04/28/84-04/28/84	0	1	
CANY0082	Yes	00300	OXYGEN, DISSOLVED MG/L	05/01/84-05/01/84	0	1	
CANY0085	Yes	00300	OXYGEN, DISSOLVED MG/L	04/26/84-04/26/84	0	1	
CANY0087	Yes	00300	OXYGEN, DISSOLVED MG/L	04/24/85-04/07/88	2	6	
CANY0088	Yes	00300	OXYGEN, DISSOLVED MG/L	04/26/84-04/26/84	0	1	
CANY0089	Yes	00300	OXYGEN, DISSOLVED MG/L	05/01/84-05/01/84	0	1	
CANY0091	Yes	00300	OXYGEN, DISSOLVED MG/L	09/23/90-12/09/99	9	17	
CANY0092	Yes	00300	OXYGEN, DISSOLVED MG/L	06/08/87-05/20/90	2	6	
CANY0094	Yes	00300	OXYGEN, DISSOLVED MG/L	05/05/84-05/05/84	0	1	
CANY0096	Yes	00300	OXYGEN, DISSOLVED MG/L	10/16/84-05/07/90	5	11	
CANY0097	Yes	00300	OXYGEN, DISSOLVED MG/L	10/24/90-04/30/92	1	4	
CANY0098	Yes	00300	OXYGEN, DISSOLVED MG/L	10/16/84-05/07/90	5	11	
CANY0099	No	00300	OXYGEN, DISSOLVED MG/L	10/23/90-04/30/92	1	4	
CANY0102	Yes	00300	OXYGEN, DISSOLVED MG/L	04/28/84-04/28/84	0	1	
CANY0105	Yes	00300	OXYGEN, DISSOLVED MG/L	08/28/85-05/17/90	4	7	
CANY0107	Yes	00300	OXYGEN, DISSOLVED MG/L	09/23/90-09/23/90	0	1	
CANY0108	Yes	00300	OXYGEN, DISSOLVED MG/L	05/10/85-05/20/90	5	8	
CANY0109	Yes	00300	OXYGEN, DISSOLVED MG/L	09/21/90-05/16/92	1	4	
CANY0111	Yes	00300	OXYGEN, DISSOLVED MG/L	02/12/85-05/17/90	5	9	
CANY0113	Yes	00300	OXYGEN, DISSOLVED MG/L	05/23/91-05/16/92	0	3	
CANY0114	Yes	00300	OXYGEN, DISSOLVED MG/L	04/28/84-04/28/84	0	1	
CANY0117	No	00300	OXYGEN, DISSOLVED MG/L	03/27/79-03/16/82	2	6	
CANY0118	No	00300	OXYGEN, DISSOLVED MG/L	03/27/79-04/24/84	5	8	
CANY0123	Yes	00300	OXYGEN, DISSOLVED MG/L	08/30/90-12/09/99	9	15	
CANY0124	Yes	00300	OXYGEN, DISSOLVED MG/L	05/07/85-05/18/90	5	9	
CANY0128	Yes	00300	OXYGEN, DISSOLVED MG/L	05/26/91-04/24/93	1	4	
CANY0130	Yes	00300	OXYGEN, DISSOLVED MG/L	05/15/85-05/18/90	5	8	
CANY0132	Yes	00300	OXYGEN, DISSOLVED MG/L	04/28/84-04/28/84	0	1	
CANY0134	Yes	00300	OXYGEN, DISSOLVED MG/L	05/15/85-05/20/90	5	8	
CANY0135	Yes	00300	OXYGEN, DISSOLVED MG/L	08/30/90-05/16/92	1	4	
CANY0138	Yes	00300	OXYGEN, DISSOLVED MG/L	04/25/84-04/25/84	0	1	
CANY0139	Yes	00300	OXYGEN, DISSOLVED MG/L	04/25/84-04/25/84	0	1	
CANY0140	Yes	00300	OXYGEN, DISSOLVED MG/L	04/24/84-04/24/84	0	1	
CANY0141	Yes	00300	OXYGEN, DISSOLVED MG/L	04/24/84-04/24/84	0	1	
CANY0142	Yes	00300	OXYGEN, DISSOLVED MG/L	04/24/84-04/24/84	0	1	
CANY0144	Yes	00300	OXYGEN, DISSOLVED MG/L	10/14/84-05/10/90	5	10	
CANY0146	Yes	00300	OXYGEN, DISSOLVED MG/L	10/23/90-10/23/90	0	1	
CANY0147	Yes	00300	OXYGEN, DISSOLVED MG/L	10/15/84-10/06/89	4	9	
CANY0148	Yes	00300	OXYGEN, DISSOLVED MG/L	04/25/84-04/25/84	0	1	
CANY0149	Yes	00300	OXYGEN, DISSOLVED MG/L	10/15/84-05/10/90	5	10	
CANY0150	Yes	00300	OXYGEN, DISSOLVED MG/L	10/23/90-05/01/92	1	4	
CANY0151	Yes	00300	OXYGEN, DISSOLVED MG/L	04/27/84-04/27/84	0	1	
CANY0153	Yes	00300	OXYGEN, DISSOLVED MG/L	08/01/84-05/29/99	14	44	T

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Station/Parameter Period of Record Tabulation
From 10/02/48 To 12/09/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
CANY0154	Yes	00300	OXYGEN, DISSOLVED MG/L	10/23/90-05/02/92	1	2	T
CANY0156	Yes	00300	OXYGEN, DISSOLVED MG/L	08/01/84-04/13/99	14	41	
CANY0157	Yes	00300	OXYGEN, DISSOLVED MG/L	04/27/84-04/27/84	0	1	
CANY0158	Yes	00300	OXYGEN, DISSOLVED MG/L	02/11/85-05/22/90	5	8	
CANY0159	Yes	00300	OXYGEN, DISSOLVED MG/L	08/30/90-05/16/92	1	4	
CANY0161	Yes	00300	OXYGEN, DISSOLVED MG/L	04/24/84-04/24/84	0	1	
CANY0163	Yes	00300	OXYGEN, DISSOLVED MG/L	07/10/85-04/06/88	2	3	
CANY0165	Yes	00300	OXYGEN, DISSOLVED MG/L	10/04/93-12/09/99	6	14	
CANY0167	No	00300	OXYGEN, DISSOLVED MG/L	03/27/80-03/27/80	0	1	
CANY0168	Yes	00300	OXYGEN, DISSOLVED MG/L	04/26/84-04/26/84	0	1	
CANY0169	Yes	00300	OXYGEN, DISSOLVED MG/L	04/26/84-04/26/84	0	1	
CANY0170	Yes	00300	OXYGEN, DISSOLVED MG/L	04/26/84-04/26/84	0	1	
CANY0171	No	00300	OXYGEN, DISSOLVED MG/L	03/24/77-04/24/84	7	2	
CANY0172	Yes	00300	OXYGEN, DISSOLVED MG/L	04/27/84-04/27/84	0	1	
CANY0173	Yes	00300	OXYGEN, DISSOLVED MG/L	04/27/84-04/27/84	0	1	
CANY0174	No	00300	OXYGEN, DISSOLVED MG/L	03/21/78-03/21/78	0	1	
CANY0175	No	00300	OXYGEN, DISSOLVED MG/L	09/30/84-10/08/89	5	7	
CANY0178	No	00300	OXYGEN, DISSOLVED MG/L	06/18/80-10/26/90	10	3	
CANY0184	No	00300	OXYGEN, DISSOLVED MG/L	04/24/84-04/24/84	0	1	
CANY0186	Yes	00300	OXYGEN, DISSOLVED MG/L	06/04/85-05/11/90	4	8	
CANY0187	Yes	00300	OXYGEN, DISSOLVED MG/L	10/25/90-09/19/99	8	21	
CANY0191	Yes	00300	OXYGEN, DISSOLVED MG/L	10/25/90-05/04/92	1	4	
CANY0192	Yes	00300	OXYGEN, DISSOLVED MG/L	10/01/84-05/08/90	5	10	
CANY0193	Yes	00300	OXYGEN, DISSOLVED MG/L	10/02/84-05/11/90	5	10	
CANY0194	Yes	00300	OXYGEN, DISSOLVED MG/L	10/25/90-09/19/99	8	20	
CANY0196	No	00300	OXYGEN, DISSOLVED MG/L	10/03/84-05/11/90	5	7	
CANY0198	No	00300	OXYGEN, DISSOLVED MG/L	11/12/80-02/28/99	18	4	
CANY0199	No	00300	OXYGEN, DISSOLVED MG/L	03/27/79-03/25/81	1	4	
CANY0202	Yes	00300	OXYGEN, DISSOLVED MG/L	10/25/90-05/14/91	0	2	
CANY0203	Yes	00300	OXYGEN, DISSOLVED MG/L	06/06/85-05/08/90	4	7	
CANY0206	Yes	00300	OXYGEN, DISSOLVED MG/L	10/01/84-05/08/90	5	9	
CANY0207	Yes	00300	OXYGEN, DISSOLVED MG/L	10/25/90-05/03/92	1	4	
CANY0208	No	00300	OXYGEN, DISSOLVED MG/L	11/14/80-11/14/80	0	1	
CANY0209	No	00300	OXYGEN, DISSOLVED MG/L	11/13/80-04/24/81	0	2	
CANY0210	No	00300	OXYGEN, DISSOLVED MG/L	11/13/80-04/24/81	0	2	
CANY0212	No	00300	OXYGEN, DISSOLVED MG/L	04/25/84-04/25/84	0	1	
CANY0215	Yes	00300	OXYGEN, DISSOLVED MG/L	04/08/87-04/08/87	0	1	
CANY0216	Yes	00300	OXYGEN, DISSOLVED MG/L	09/09/97-09/09/97	0	1	
CANY0217	Yes	00300	OXYGEN, DISSOLVED MG/L	04/16/91-08/20/97	6	19	
CANY0218	Yes	00300	OXYGEN, DISSOLVED MG/L	04/26/84-04/26/84	0	1	
CANY0224	No	00300	OXYGEN, DISSOLVED MG/L	11/14/80-04/24/81	0	2	
CANY0227	Yes	00300	OXYGEN, DISSOLVED MG/L	08/02/84-08/06/98	14	37	
CANY0230	Yes	00300	OXYGEN, DISSOLVED MG/L	09/07/87-09/07/87	0	1	
CANY0232	Yes	00300	OXYGEN, DISSOLVED MG/L	09/11/84-09/12/89	5	11	
CANY0236	No	00300	OXYGEN, DISSOLVED MG/L	03/27/78-04/29/81	3	3	
CANY0237	No	00300	OXYGEN, DISSOLVED MG/L	03/27/78-04/29/81	3	3	
CANY0241	No	00300	OXYGEN, DISSOLVED MG/L	11/14/80-11/14/80	0	1	
CANY0244	No	00300	OXYGEN, DISSOLVED MG/L	04/29/80-04/29/81	1	2	
CANY0248	No	00300	OXYGEN, DISSOLVED MG/L	11/14/80-04/24/81	0	2	
CANY0250	Yes	00300	OXYGEN, DISSOLVED MG/L	08/14/91-09/09/98	7	2	
CANY0251	Yes	00300	OXYGEN, DISSOLVED MG/L	10/29/84-03/23/90	5	12	
CANY0255	No	00300	OXYGEN, DISSOLVED MG/L	04/24/81-04/24/81	0	1	
CANY0260	Yes	00300	OXYGEN, DISSOLVED MG/L	10/27/90-05/05/92	1	3	
CANY0261	Yes	00300	OXYGEN, DISSOLVED MG/L	09/27/84-05/12/90	5	7	
CANY0262	Yes	00300	OXYGEN, DISSOLVED MG/L	09/22/84-03/22/90	5	12	
CANY0264	Yes	00300	OXYGEN, DISSOLVED MG/L	10/04/90-04/18/92	1	4	
CANY0265	Yes	00300	OXYGEN, DISSOLVED MG/L	10/04/90-04/18/92	1	3	
CANY0267	Yes	00300	OXYGEN, DISSOLVED MG/L	09/22/84-03/21/89	4	5	
CANY0270	No	00300	OXYGEN, DISSOLVED MG/L	04/24/81-04/24/81	0	1	
CANY0273	Yes	00300	OXYGEN, DISSOLVED MG/L	10/27/90-09/19/99	8	5	
CANY0274	Yes	00300	OXYGEN, DISSOLVED MG/L	07/10/85-05/11/90	4	6	
CANY0276	No	00300	OXYGEN, DISSOLVED MG/L	08/22/95-08/22/95	0	1	
CANY0277	No	00300	OXYGEN, DISSOLVED MG/L	07/18/91-08/06/98	7	16	
CANY0278	Yes	00300	OXYGEN, DISSOLVED MG/L	02/23/98-09/03/98	0	3	
CANY0279	Yes	00300	OXYGEN, DISSOLVED MG/L	10/04/90-10/04/90	0	1	
CANY0280	Yes	00300	OXYGEN, DISSOLVED MG/L	09/11/84-03/28/88	3	8	
CANY0282	No	00300	OXYGEN, DISSOLVED MG/L	07/09/90-05/17/96	5	5	
CANY0283	Yes	00300	OXYGEN, DISSOLVED MG/L	06/17/80-11/14/80	0	2	
CANY0284	No	00300	OXYGEN, DISSOLVED MG/L	04/15/91-08/06/98	7	20	
CANY0285	Yes	00300	OXYGEN, DISSOLVED MG/L	09/07/87-09/07/87	0	1	
CANY0287	No	00300	OXYGEN, DISSOLVED MG/L	09/23/92-08/22/95	2	2	
CANY0288	No	00300	OXYGEN, DISSOLVED MG/L	08/23/77-01/27/81	3	19	

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

Station/Parameter Period of Record Tabulation **From 10/02/48 To 12/09/99**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
CANY0290	No	00300	OXYGEN, DISSOLVED MG/L	01/07/92-08/22/95	3	3	
CANY0291	No	00300	OXYGEN, DISSOLVED MG/L	07/19/77-06/03/99	21	37	
CANY0295	No	00300	OXYGEN, DISSOLVED MG/L	09/03/92-09/30/93	1	2	
CANY0297	No	00300	OXYGEN, DISSOLVED MG/L	06/14/77-09/19/77	0	4	
CANY0298	No	00300	OXYGEN, DISSOLVED MG/L	06/01/89-06/01/89	0	1	
CANY0007	No	00310	BOD, 5 DAY, 20 DEG C MG/L	01/30/78-01/30/78	0	1	
CANY0010	No	00310	BOD, 5 DAY, 20 DEG C MG/L	06/12/80-06/12/80	0	1	
CANY0020	No	00310	BOD, 5 DAY, 20 DEG C MG/L	06/12/80-06/12/80	0	1	
CANY0024	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/15/81-09/15/81	0	1	
CANY0030	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/02/77-07/29/80	2	4	
CANY0038	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/02/77-08/02/77	0	1	
CANY0040	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/02/77-03/27/80	2	2	
CANY0118	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/15/81-09/15/81	0	1	
CANY0167	No	00310	BOD, 5 DAY, 20 DEG C MG/L	03/27/80-03/27/80	0	1	
CANY0174	No	00310	BOD, 5 DAY, 20 DEG C MG/L	03/21/78-03/21/78	0	1	
CANY0199	No	00310	BOD, 5 DAY, 20 DEG C MG/L	03/22/78-03/27/80	2	2	
CANY0236	No	00310	BOD, 5 DAY, 20 DEG C MG/L	04/29/80-04/29/80	0	1	
CANY0237	No	00310	BOD, 5 DAY, 20 DEG C MG/L	04/29/80-04/29/80	0	1	
CANY0244	No	00310	BOD, 5 DAY, 20 DEG C MG/L	04/29/80-04/29/80	0	1	
CANY0288	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/23/77-04/16/80	2	6	
CANY0290	No	00310	BOD, 5 DAY, 20 DEG C MG/L	01/07/92-01/07/92	0	1	
CANY0291	No	00310	BOD, 5 DAY, 20 DEG C MG/L	07/19/77-10/25/78	1	6	
CANY0297	No	00310	BOD, 5 DAY, 20 DEG C MG/L	07/19/77-09/19/77	0	2	
CANY0010	No	00335	COD, .025N K2CR2O7 MG/L	06/12/80-06/15/82	2	2	
CANY0020	No	00335	COD, .025N K2CR2O7 MG/L	06/12/80-06/12/80	0	1	
CANY0030	No	00335	COD, .025N K2CR2O7 MG/L	08/02/77-06/12/86	8	6	
CANY0038	No	00335	COD, .025N K2CR2O7 MG/L	08/02/77-08/02/77	0	1	
CANY0040	No	00335	COD, .025N K2CR2O7 MG/L	08/02/77-06/12/86	8	5	
CANY0057	Yes	00335	COD, .025N K2CR2O7 MG/L	07/12/90-07/12/90	0	1	
CANY0113	Yes	00335	COD, .025N K2CR2O7 MG/L	05/16/92-05/16/92	0	1	
CANY0117	No	00335	COD, .025N K2CR2O7 MG/L	03/27/80-03/16/82	1	4	
CANY0118	No	00335	COD, .025N K2CR2O7 MG/L	03/27/80-03/16/82	1	4	
CANY0153	Yes	00335	COD, .025N K2CR2O7 MG/L	07/21/83-07/10/90	6	27	
CANY0156	Yes	00335	COD, .025N K2CR2O7 MG/L	05/04/83-07/10/90	7	24	
CANY0167	No	00335	COD, .025N K2CR2O7 MG/L	03/27/80-03/27/80	0	1	
CANY0199	No	00335	COD, .025N K2CR2O7 MG/L	03/27/80-03/25/81	0	3	
CANY0227	Yes	00335	COD, .025N K2CR2O7 MG/L	06/15/83-07/09/90	7	25	
CANY0236	No	00335	COD, .025N K2CR2O7 MG/L	04/29/80-04/29/81	1	2	
CANY0237	No	00335	COD, .025N K2CR2O7 MG/L	04/29/80-04/29/81	1	2	
CANY0242	Yes	00335	COD, .025N K2CR2O7 MG/L	07/28/87-07/28/87	0	1	
CANY0244	No	00335	COD, .025N K2CR2O7 MG/L	04/29/80-04/29/81	1	2	
CANY0288	No	00335	COD, .025N K2CR2O7 MG/L	08/23/77-01/27/81	3	14	
CANY0291	No	00335	COD, .025N K2CR2O7 MG/L	06/14/77-04/29/90	12	36	
CANY0297	No	00335	COD, .025N K2CR2O7 MG/L	06/14/77-09/19/77	0	4	
CANY0298	No	00335	COD, .025N K2CR2O7 MG/L	06/01/89-06/01/89	0	1	
CANY0001	No	00400	PH (STANDARD UNITS)	05/30/78-05/30/78	0	1	
CANY0002	No	00400	PH (STANDARD UNITS)	05/30/78-05/30/78	0	1	
CANY0003	No	00400	PH (STANDARD UNITS)	09/17/86-09/17/86	0	1	
CANY0004	No	00400	PH (STANDARD UNITS)	05/30/78-05/30/78	0	1	
CANY0005	No	00400	PH (STANDARD UNITS)	06/29/80-10/15/80	0	4	
CANY0006	No	00400	PH (STANDARD UNITS)	08/09/79-08/09/79	0	1	
CANY0007	No	00400	PH (STANDARD UNITS)	05/20/77-01/30/78	0	2	
CANY0008	No	00400	PH (STANDARD UNITS)	05/30/78-05/30/78	0	1	
CANY0009	No	00400	PH (STANDARD UNITS)	06/01/78-06/01/78	0	1	
CANY0011	No	00400	PH (STANDARD UNITS)	06/16/78-06/16/78	0	1	
CANY0012	No	00400	PH (STANDARD UNITS)	08/09/79-08/09/79	0	1	
CANY0013	No	00400	PH (STANDARD UNITS)	08/09/79-08/09/79	0	1	
CANY0014	No	00400	PH (STANDARD UNITS)	06/14/78-06/14/78	0	1	
CANY0015	No	00400	PH (STANDARD UNITS)	06/18/78-06/18/78	0	1	
CANY0016	No	00400	PH (STANDARD UNITS)	09/22/87-09/22/87	0	1	
CANY0017	No	00400	PH (STANDARD UNITS)	06/17/78-06/17/78	0	1	
CANY0018	No	00400	PH (STANDARD UNITS)	08/09/79-08/09/79	0	1	
CANY0021	No	00400	PH (STANDARD UNITS)	07/06/93-11/30/99	6	11	
CANY0022	No	00400	PH (STANDARD UNITS)	06/15/78-06/15/78	0	1	
CANY0023	No	00400	PH (STANDARD UNITS)	06/15/78-06/15/78	0	1	
CANY0026	No	00400	PH (STANDARD UNITS)	06/29/80-10/15/80	0	4	
CANY0028	No	00400	PH (STANDARD UNITS)	07/06/93-11/30/99	6	11	
CANY0030	No	00400	PH (STANDARD UNITS)	08/02/77-06/24/98	20	19	
CANY0031	No	00400	PH (STANDARD UNITS)	06/15/78-06/15/78	0	1	
CANY0033	Yes	00400	PH (STANDARD UNITS)	06/28/78-06/28/78	0	1	
CANY0034	No	00400	PH (STANDARD UNITS)	06/17/78-06/17/78	0	1	
CANY0038	No	00400	PH (STANDARD UNITS)	08/02/77-03/21/78	0	3	

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Station/Parameter Period of Record Tabulation From 10/02/48 To 12/09/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
CANY0040	No	00400	PH (STANDARD UNITS)	08/02/77-11/30/99	22	15	
CANY0043	No	00400	PH (STANDARD UNITS)	06/18/78-06/18/78	0	1	
CANY0044	Yes	00400	PH (STANDARD UNITS)	05/24/91-05/15/92	0	3	
CANY0047	Yes	00400	PH (STANDARD UNITS)	05/08/85-05/22/90	5	8	
CANY0052	No	00400	PH (STANDARD UNITS)	07/01/68-07/01/68	0	1	
CANY0054	Yes	00400	PH (STANDARD UNITS)	06/14/95-09/09/99	4	8	
CANY0057	Yes	00400	PH (STANDARD UNITS)	07/12/90-08/05/99	9	12	
CANY0059	Yes	00400	PH (STANDARD UNITS)	08/18/78-08/18/78	0	1	
CANY0060	Yes	00400	PH (STANDARD UNITS)	02/13/85-05/17/90	5	11	
CANY0061	Yes	00400	PH (STANDARD UNITS)	09/23/90-05/17/92	1	4	
CANY0063	Yes	00400	PH (STANDARD UNITS)	06/14/95-09/09/99	4	10	
CANY0064	Yes	00400	PH (STANDARD UNITS)	06/14/95-09/09/99	4	9	
CANY0067	No	00400	PH (STANDARD UNITS)	07/20/78-07/20/78	0	1	
CANY0068	No	00400	PH (STANDARD UNITS)	02/12/85-05/16/90	5	8	
CANY0069	No	00400	PH (STANDARD UNITS)	09/21/90-05/18/92	1	4	
CANY0073	No	00400	PH (STANDARD UNITS)	06/28/78-06/28/78	0	1	
CANY0078	Yes	00400	PH (STANDARD UNITS)	05/20/69-05/20/69	0	1	
CANY0079	Yes	00400	PH (STANDARD UNITS)	06/14/78-06/14/78	0	1	
CANY0080	Yes	00400	PH (STANDARD UNITS)	05/02/68-05/02/68	0	1	
CANY0081	Yes	00400	PH (STANDARD UNITS)	08/18/78-08/18/78	0	1	
CANY0083	Yes	00400	PH (STANDARD UNITS)	08/05/78-08/05/78	0	1	
CANY0084	Yes	00400	PH (STANDARD UNITS)	12/02/70-12/02/70	0	1	
CANY0086	Yes	00400	PH (STANDARD UNITS)	06/15/78-06/15/78	0	1	
CANY0087	Yes	00400	PH (STANDARD UNITS)	04/24/85-04/07/88	2	6	
CANY0090	Yes	00400	PH (STANDARD UNITS)	10/09/68-10/09/68	0	1	
CANY0091	Yes	00400	PH (STANDARD UNITS)	09/23/90-12/09/99	9	20	
CANY0092	Yes	00400	PH (STANDARD UNITS)	05/22/86-05/20/90	3	8	
CANY0095	Yes	00400	PH (STANDARD UNITS)	09/04/69-09/04/69	0	1	
CANY0096	Yes	00400	PH (STANDARD UNITS)	10/16/84-05/07/90	5	12	
CANY0097	Yes	00400	PH (STANDARD UNITS)	10/24/90-04/30/92	1	4	
CANY0098	Yes	00400	PH (STANDARD UNITS)	10/16/84-05/07/90	5	12	
CANY0099	No	00400	PH (STANDARD UNITS)	10/23/90-04/30/92	1	4	
CANY0100	Yes	00400	PH (STANDARD UNITS)	07/14/78-07/14/78	0	1	
CANY0101	Yes	00400	PH (STANDARD UNITS)	07/17/68-07/17/68	0	1	
CANY0104	Yes	00400	PH (STANDARD UNITS)	05/19/86-05/19/86	0	1	
CANY0105	Yes	00400	PH (STANDARD UNITS)	08/28/85-05/17/90	4	9	
CANY0106	Yes	00400	PH (STANDARD UNITS)	06/29/78-06/29/78	0	1	
CANY0107	Yes	00400	PH (STANDARD UNITS)	09/23/90-09/23/90	0	1	
CANY0108	Yes	00400	PH (STANDARD UNITS)	05/10/85-05/20/90	5	10	
CANY0109	Yes	00400	PH (STANDARD UNITS)	09/21/90-05/16/92	1	4	
CANY0110	Yes	00400	PH (STANDARD UNITS)	05/02/68-05/02/68	0	1	
CANY0111	Yes	00400	PH (STANDARD UNITS)	02/12/85-05/17/90	5	11	
CANY0113	Yes	00400	PH (STANDARD UNITS)	05/23/91-05/16/92	0	3	
CANY0115	Yes	00400	PH (STANDARD UNITS)	07/02/78-07/02/78	0	1	
CANY0116	Yes	00400	PH (STANDARD UNITS)	05/02/68-05/02/68	0	1	
CANY0117	No	00400	PH (STANDARD UNITS)	03/27/79-03/27/79	0	1	
CANY0119	Yes	00400	PH (STANDARD UNITS)	07/01/78-07/01/78	0	1	
CANY0120	No	00400	PH (STANDARD UNITS)	05/29/84-07/21/86	2	4	
CANY0121	No	00400	PH (STANDARD UNITS)	03/18/83-04/30/84	1	12	
CANY0122	Yes	00400	PH (STANDARD UNITS)	07/21/78-07/21/78	0	1	
CANY0123	Yes	00400	PH (STANDARD UNITS)	08/30/90-12/09/99	9	17	
CANY0124	Yes	00400	PH (STANDARD UNITS)	02/12/85-05/18/90	5	12	
CANY0128	Yes	00400	PH (STANDARD UNITS)	05/26/91-04/24/93	1	4	
CANY0130	Yes	00400	PH (STANDARD UNITS)	05/15/85-05/18/90	5	9	
CANY0131	Yes	00400	PH (STANDARD UNITS)	03/05/70-03/05/70	0	1	
CANY0133	Yes	00400	PH (STANDARD UNITS)	04/08/70-04/08/70	0	1	
CANY0134	Yes	00400	PH (STANDARD UNITS)	05/15/85-05/20/90	5	10	
CANY0135	Yes	00400	PH (STANDARD UNITS)	08/30/90-05/16/92	1	4	
CANY0137	Yes	00400	PH (STANDARD UNITS)	04/08/70-04/08/70	0	1	
CANY0143	Yes	00400	PH (STANDARD UNITS)	04/07/70-04/07/70	0	1	
CANY0144	Yes	00400	PH (STANDARD UNITS)	10/14/84-05/10/90	5	12	
CANY0146	Yes	00400	PH (STANDARD UNITS)	10/23/90-10/23/90	0	1	
CANY0147	Yes	00400	PH (STANDARD UNITS)	10/15/84-10/06/89	4	10	
CANY0149	Yes	00400	PH (STANDARD UNITS)	10/15/84-05/10/90	5	10	
CANY0150	Yes	00400	PH (STANDARD UNITS)	10/23/90-05/01/92	1	4	
CANY0153	Yes	00400	PH (STANDARD UNITS)	07/08/86-08/04/99	13	46	T
CANY0154	Yes	00400	PH (STANDARD UNITS)	10/23/90-05/02/92	1	3	
CANY0156	Yes	00400	PH (STANDARD UNITS)	07/08/86-08/04/99	13	46	T
CANY0158	Yes	00400	PH (STANDARD UNITS)	02/11/85-05/22/90	5	11	
CANY0159	Yes	00400	PH (STANDARD UNITS)	08/30/90-05/16/92	1	4	
CANY0160	Yes	00400	PH (STANDARD UNITS)	05/20/69-05/20/69	0	1	
CANY0163	Yes	00400	PH (STANDARD UNITS)	07/10/85-04/06/88	2	3	

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**Station/Parameter Period of Record Tabulation
From 10/02/48 To 12/09/99**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
CANY0164	Yes	00400	PH (STANDARD UNITS)	10/23/77-10/23/77	0	1	
CANY0165	Yes	00400	PH (STANDARD UNITS)	10/04/93-12/09/99	6	17	
CANY0166	No	00400	PH (STANDARD UNITS)	06/19/78-06/19/78	0	1	
CANY0174	No	00400	PH (STANDARD UNITS)	03/21/78-03/21/78	0	1	
CANY0175	No	00400	PH (STANDARD UNITS)	09/30/84-10/08/89	5	8	
CANY0176	No	00400	PH (STANDARD UNITS)	04/12/83-04/12/83	0	1	
CANY0178	No	00400	PH (STANDARD UNITS)	10/26/90-10/26/90	0	1	
CANY0179	No	00400	PH (STANDARD UNITS)	05/25/79-05/25/79	0	1	
CANY0183	No	00400	PH (STANDARD UNITS)	04/12/83-04/12/83	0	1	
CANY0185	Yes	00400	PH (STANDARD UNITS)	04/07/70-04/07/70	0	1	
CANY0186	Yes	00400	PH (STANDARD UNITS)	06/04/85-05/11/90	4	9	
CANY0187	Yes	00400	PH (STANDARD UNITS)	10/25/90-09/19/99	8	22	
CANY0188	No	00400	PH (STANDARD UNITS)	04/12/83-04/12/83	0	1	
CANY0189	No	00400	PH (STANDARD UNITS)	06/22/78-06/22/78	0	1	
CANY0190	No	00400	PH (STANDARD UNITS)	06/19/78-06/19/78	0	1	
CANY0191	Yes	00400	PH (STANDARD UNITS)	10/25/90-05/04/92	1	4	
CANY0192	Yes	00400	PH (STANDARD UNITS)	10/01/84-05/08/90	5	11	
CANY0193	Yes	00400	PH (STANDARD UNITS)	10/02/84-05/11/90	5	11	
CANY0194	Yes	00400	PH (STANDARD UNITS)	10/25/90-09/19/99	8	21	
CANY0196	No	00400	PH (STANDARD UNITS)	10/03/84-05/11/90	5	7	
CANY0197	No	00400	PH (STANDARD UNITS)	05/22/79-05/22/79	0	1	
CANY0198	No	00400	PH (STANDARD UNITS)	10/26/90-02/28/99	8	2	
CANY0199	No	00400	PH (STANDARD UNITS)	03/22/78-03/27/79	1	2	
CANY0200	No	00400	PH (STANDARD UNITS)	05/15/57-09/03/69	12	2	
CANY0202	Yes	00400	PH (STANDARD UNITS)	05/14/91-05/14/91	0	1	
CANY0203	Yes	00400	PH (STANDARD UNITS)	06/06/85-05/08/90	4	7	
CANY0205	Yes	00400	PH (STANDARD UNITS)	05/30/79-05/30/79	0	1	
CANY0206	Yes	00400	PH (STANDARD UNITS)	10/01/84-05/08/90	5	10	
CANY0207	Yes	00400	PH (STANDARD UNITS)	10/25/90-05/03/92	1	4	
CANY0211	No	00400	PH (STANDARD UNITS)	05/22/57-05/22/57	0	1	
CANY0215	Yes	00400	PH (STANDARD UNITS)	04/08/87-04/08/87	0	1	
CANY0216	Yes	00400	PH (STANDARD UNITS)	09/09/97-09/09/97	0	1	
CANY0217	Yes	00400	PH (STANDARD UNITS)	04/16/91-08/20/97	6	26	
CANY0219	No	00400	PH (STANDARD UNITS)	05/30/79-05/30/79	0	1	
CANY0220	No	00400	PH (STANDARD UNITS)	05/25/79-05/25/79	0	1	
CANY0221	No	00400	PH (STANDARD UNITS)	07/28/78-07/28/78	0	1	
CANY0222	No	00400	PH (STANDARD UNITS)	05/30/79-05/30/79	0	1	
CANY0223	No	00400	PH (STANDARD UNITS)	06/25/78-06/25/78	0	1	
CANY0225	Yes	00400	PH (STANDARD UNITS)	10/22/77-10/22/77	0	1	
CANY0227	Yes	00400	PH (STANDARD UNITS)	10/03/86-08/06/98	11	38	
CANY0229	Yes	00400	PH (STANDARD UNITS)	08/21/77-08/21/77	0	1	
CANY0231	Yes	00400	PH (STANDARD UNITS)	08/21/77-08/21/77	0	1	
CANY0232	Yes	00400	PH (STANDARD UNITS)	09/11/84-09/12/89	5	11	
CANY0235	Yes	00400	PH (STANDARD UNITS)	08/21/77-08/21/77	0	1	
CANY0236	No	00400	PH (STANDARD UNITS)	03/27/78-03/27/78	0	1	
CANY0237	No	00400	PH (STANDARD UNITS)	03/27/78-03/27/78	0	1	
CANY0238	Yes	00400	PH (STANDARD UNITS)	04/14/88-03/02/89	0	5	
CANY0239	Yes	00400	PH (STANDARD UNITS)	11/13/69-11/13/69	0	1	
CANY0240	Yes	00400	PH (STANDARD UNITS)	03/04/70-03/04/70	0	1	
CANY0243	No	00400	PH (STANDARD UNITS)	06/13/78-06/13/78	0	1	
CANY0245	Yes	00400	PH (STANDARD UNITS)	04/14/88-05/01/89	1	6	
CANY0246	Yes	00400	PH (STANDARD UNITS)	04/14/88-05/01/89	1	6	
CANY0247	Yes	00400	PH (STANDARD UNITS)	04/14/88-05/01/89	1	6	
CANY0249	Yes	00400	PH (STANDARD UNITS)	05/25/65-05/14/68	2	2	
CANY0250	Yes	00400	PH (STANDARD UNITS)	08/14/91-09/09/98	7	3	
CANY0251	Yes	00400	PH (STANDARD UNITS)	10/29/84-03/23/90	5	12	
CANY0252	No	00400	PH (STANDARD UNITS)	06/13/78-06/13/78	0	1	
CANY0253	No	00400	PH (STANDARD UNITS)	06/22/78-06/22/78	0	1	
CANY0254	No	00400	PH (STANDARD UNITS)	05/23/79-05/23/79	0	1	
CANY0256	Yes	00400	PH (STANDARD UNITS)	10/05/78-10/05/78	0	1	
CANY0257	No	00400	PH (STANDARD UNITS)	06/12/78-06/12/78	0	1	
CANY0258	No	00400	PH (STANDARD UNITS)	06/15/78-06/15/78	0	1	
CANY0259	No	00400	PH (STANDARD UNITS)	06/25/78-06/25/78	0	1	
CANY0260	Yes	00400	PH (STANDARD UNITS)	10/27/90-05/05/92	1	4	
CANY0261	Yes	00400	PH (STANDARD UNITS)	09/27/84-05/12/90	5	7	
CANY0262	Yes	00400	PH (STANDARD UNITS)	09/22/84-03/22/90	5	12	
CANY0264	Yes	00400	PH (STANDARD UNITS)	10/04/90-04/18/92	1	4	
CANY0265	Yes	00400	PH (STANDARD UNITS)	10/04/90-04/18/92	1	3	
CANY0266	Yes	00400	PH (STANDARD UNITS)	05/18/65-10/24/67	2	2	
CANY0267	Yes	00400	PH (STANDARD UNITS)	09/22/84-03/21/89	4	5	
CANY0269	No	00400	PH (STANDARD UNITS)	05/26/79-05/26/79	0	1	
CANY0271	Yes	00400	PH (STANDARD UNITS)	03/04/70-03/04/70	0	1	

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**Station/Parameter Period of Record Tabulation
From 10/02/48 To 12/09/99**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
CANY0272	Yes	00400	PH (STANDARD UNITS)	07/01/77-07/01/77	0	1	
CANY0273	Yes	00400	PH (STANDARD UNITS)	10/27/90-09/19/99	8	5	
CANY0274	Yes	00400	PH (STANDARD UNITS)	07/10/85-05/11/90	4	6	
CANY0275	Yes	00400	PH (STANDARD UNITS)	11/12/69-11/12/69	0	1	
CANY0276	No	00400	PH (STANDARD UNITS)	07/21/91-10/04/99	8	30	
CANY0277	No	00400	PH (STANDARD UNITS)	07/18/91-04/12/99	7	46	
CANY0278	Yes	00400	PH (STANDARD UNITS)	02/23/98-09/03/98	0	3	
CANY0279	Yes	00400	PH (STANDARD UNITS)	10/04/90-10/04/90	0	1	
CANY0280	Yes	00400	PH (STANDARD UNITS)	09/11/84-03/28/88	3	8	
CANY0282	No	00400	PH (STANDARD UNITS)	11/14/89-05/17/96	6	7	
CANY0284	No	00400	PH (STANDARD UNITS)	04/15/91-08/06/98	7	29	
CANY0286	No	00400	PH (STANDARD UNITS)	06/26/78-06/26/78	0	1	
CANY0287	No	00400	PH (STANDARD UNITS)	11/14/89-10/04/99	9	33	
CANY0288	No	00400	PH (STANDARD UNITS)	08/23/77-12/13/79	2	22	
CANY0289	No	00400	PH (STANDARD UNITS)	08/22/77-08/22/77	0	1	
CANY0290	No	00400	PH (STANDARD UNITS)	11/14/89-10/04/99	9	33	
CANY0291	No	00400	PH (STANDARD UNITS)	06/14/77-09/06/99	22	44	T,S
CANY0293	No	00400	PH (STANDARD UNITS)	05/17/79-05/17/79	0	1	
CANY0294	No	00400	PH (STANDARD UNITS)	10/03/91-05/14/92	0	2	
CANY0295	No	00400	PH (STANDARD UNITS)	09/03/92-09/05/99	7	3	
CANY0296	No	00400	PH (STANDARD UNITS)	06/29/78-06/29/78	0	1	
CANY0297	No	00400	PH (STANDARD UNITS)	06/14/77-09/19/77	0	5	
CANY0298	No	00400	PH (STANDARD UNITS)	06/01/89-09/04/99	10	3	
CANY0024	No	00403	PH, LAB, STANDARD UNITS SU	09/15/81-09/15/81	0	1	
CANY0118	No	00403	PH, LAB, STANDARD UNITS SU	03/27/79-09/15/81	2	2	
CANY0120	No	00403	PH, LAB, STANDARD UNITS SU	05/29/84-07/21/86	2	6	
CANY0121	No	00403	PH, LAB, STANDARD UNITS SU	03/18/83-09/18/84	1	13	
CANY0176	No	00403	PH, LAB, STANDARD UNITS SU	04/12/83-04/12/83	0	1	
CANY0177	No	00403	PH, LAB, STANDARD UNITS SU	08/07/74-08/07/74	0	1	
CANY0183	No	00403	PH, LAB, STANDARD UNITS SU	04/12/83-04/12/83	0	1	
CANY0188	No	00403	PH, LAB, STANDARD UNITS SU	04/12/83-04/12/83	0	1	
CANY0213	Yes	00403	PH, LAB, STANDARD UNITS SU	04/26/84-04/26/84	0	1	
CANY0218	Yes	00403	PH, LAB, STANDARD UNITS SU	04/26/84-04/26/84	0	1	
CANY0238	Yes	00403	PH, LAB, STANDARD UNITS SU	04/14/88-03/02/89	0	5	
CANY0245	Yes	00403	PH, LAB, STANDARD UNITS SU	04/14/88-05/01/89	1	6	
CANY0246	Yes	00403	PH, LAB, STANDARD UNITS SU	04/14/88-05/01/89	1	6	
CANY0247	Yes	00403	PH, LAB, STANDARD UNITS SU	04/14/88-05/01/89	1	6	
CANY0003	No	00405	CARBON DIOXIDE (MG/L AS CO2)	09/17/86-09/17/86	0	1	
CANY0006	No	00405	CARBON DIOXIDE (MG/L AS CO2)	08/09/79-06/12/80	0	2	
CANY0007	No	00405	CARBON DIOXIDE (MG/L AS CO2)	05/20/77-01/30/78	0	4	
CANY0010	No	00405	CARBON DIOXIDE (MG/L AS CO2)	06/12/80-06/15/82	2	2	
CANY0012	No	00405	CARBON DIOXIDE (MG/L AS CO2)	08/09/79-06/12/80	0	2	
CANY0013	No	00405	CARBON DIOXIDE (MG/L AS CO2)	08/09/79-06/12/80	0	2	
CANY0016	No	00405	CARBON DIOXIDE (MG/L AS CO2)	09/22/87-09/22/87	0	1	
CANY0018	No	00405	CARBON DIOXIDE (MG/L AS CO2)	08/09/79-06/12/80	0	2	
CANY0020	No	00405	CARBON DIOXIDE (MG/L AS CO2)	06/12/80-06/12/80	0	1	
CANY0021	No	00405	CARBON DIOXIDE (MG/L AS CO2)	07/06/93-11/30/99	6	11	
CANY0028	No	00405	CARBON DIOXIDE (MG/L AS CO2)	07/06/93-11/30/99	6	11	
CANY0030	No	00405	CARBON DIOXIDE (MG/L AS CO2)	08/02/77-06/03/98	20	24	
CANY0036	No	00405	CARBON DIOXIDE (MG/L AS CO2)	06/29/76-06/29/76	0	1	
CANY0038	No	00405	CARBON DIOXIDE (MG/L AS CO2)	08/02/77-03/21/78	0	4	
CANY0040	No	00405	CARBON DIOXIDE (MG/L AS CO2)	08/02/77-11/30/99	22	20	
CANY0044	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	05/24/91-05/15/92	0	3	
CANY0052	No	00405	CARBON DIOXIDE (MG/L AS CO2)	07/01/68-07/01/68	0	1	
CANY0054	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	06/14/95-09/09/99	4	8	
CANY0057	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	07/12/90-08/05/99	9	12	
CANY0061	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	09/23/90-05/17/92	1	4	
CANY0063	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	06/14/95-09/09/99	4	10	
CANY0064	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	06/14/95-09/09/99	4	9	
CANY0069	No	00405	CARBON DIOXIDE (MG/L AS CO2)	09/21/90-05/18/92	1	4	
CANY0084	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	12/02/70-12/02/70	0	1	
CANY0091	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	09/23/90-12/09/99	9	20	
CANY0097	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	10/24/90-04/30/92	1	4	
CANY0099	No	00405	CARBON DIOXIDE (MG/L AS CO2)	10/23/90-04/30/92	1	4	
CANY0107	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	09/23/90-09/23/90	0	1	
CANY0109	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	09/21/90-05/16/92	1	4	
CANY0113	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	05/23/91-05/16/92	0	3	
CANY0117	No	00405	CARBON DIOXIDE (MG/L AS CO2)	03/27/79-03/16/82	2	6	
CANY0118	No	00405	CARBON DIOXIDE (MG/L AS CO2)	03/27/79-03/16/82	2	6	
CANY0123	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	08/30/90-12/09/99	9	17	
CANY0128	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	05/26/91-04/24/93	1	4	
CANY0131	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	03/05/70-03/05/70	0	1	

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**Station/Parameter Period of Record Tabulation
From 10/02/48 To 12/09/99**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
CANY0135	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	08/30/90-05/16/92	1	4	
CANY0137	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	04/08/70-04/08/70	0	1	
CANY0143	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	04/07/70-04/07/70	0	1	
CANY0146	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	10/23/90-10/23/90	0	1	
CANY0150	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	10/23/90-05/01/92	1	4	
CANY0153	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	05/04/83-08/04/99	16	63	T,S
CANY0154	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	10/23/90-05/02/92	1	3	
CANY0156	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	05/04/83-08/04/99	16	59	T,S
CANY0159	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	08/30/90-05/16/92	1	4	
CANY0164	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	10/23/77-10/23/77	0	1	
CANY0165	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	10/04/93-12/09/99	6	17	
CANY0167	No	00405	CARBON DIOXIDE (MG/L AS CO2)	03/27/80-03/27/80	0	1	
CANY0174	No	00405	CARBON DIOXIDE (MG/L AS CO2)	03/21/78-03/21/78	0	2	
CANY0178	No	00405	CARBON DIOXIDE (MG/L AS CO2)	10/26/90-10/26/90	0	1	
CANY0185	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	04/07/70-04/07/70	0	1	
CANY0187	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	10/25/90-09/19/99	8	22	
CANY0191	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	10/25/90-05/04/92	1	4	
CANY0194	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	10/25/90-09/19/99	8	21	
CANY0198	No	00405	CARBON DIOXIDE (MG/L AS CO2)	10/26/90-02/28/99	8	2	
CANY0199	No	00405	CARBON DIOXIDE (MG/L AS CO2)	03/22/78-03/25/81	3	6	
CANY0200	No	00405	CARBON DIOXIDE (MG/L AS CO2)	05/15/57-05/15/57	0	1	
CANY0202	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	05/14/91-05/14/91	0	1	
CANY0207	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	10/25/90-05/03/92	1	4	
CANY0211	No	00405	CARBON DIOXIDE (MG/L AS CO2)	05/22/57-05/22/57	0	1	
CANY0216	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	09/09/97-09/09/97	0	1	
CANY0217	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	04/16/91-08/20/97	6	26	
CANY0225	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	10/22/77-10/22/77	0	1	
CANY0227	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	06/15/83-08/06/98	15	53	T,S
CANY0236	No	00405	CARBON DIOXIDE (MG/L AS CO2)	03/27/78-04/29/81	3	4	
CANY0237	No	00405	CARBON DIOXIDE (MG/L AS CO2)	03/27/78-04/29/81	3	4	
CANY0240	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	03/04/70-03/04/70	0	1	
CANY0244	No	00405	CARBON DIOXIDE (MG/L AS CO2)	04/29/80-04/29/81	1	2	
CANY0249	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	05/25/65-05/14/68	2	2	
CANY0250	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	08/14/91-09/09/98	7	3	
CANY0260	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	10/27/90-05/05/92	1	4	
CANY0264	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	10/04/90-04/18/92	1	4	
CANY0265	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	10/04/90-04/18/92	1	3	
CANY0266	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	05/18/65-10/24/67	2	2	
CANY0271	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	03/04/70-03/04/70	0	1	
CANY0273	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	10/27/90-09/19/99	8	5	
CANY0275	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	11/12/69-11/12/69	0	1	
CANY0276	No	00405	CARBON DIOXIDE (MG/L AS CO2)	07/21/91-10/04/99	8	32	
CANY0277	No	00405	CARBON DIOXIDE (MG/L AS CO2)	07/18/91-04/12/99	7	48	
CANY0278	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	11/17/97-09/03/98	0	4	
CANY0279	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	10/04/90-10/04/90	0	1	
CANY0282	No	00405	CARBON DIOXIDE (MG/L AS CO2)	11/14/89-05/17/96	6	7	
CANY0284	No	00405	CARBON DIOXIDE (MG/L AS CO2)	04/15/91-08/06/98	7	29	
CANY0287	No	00405	CARBON DIOXIDE (MG/L AS CO2)	11/14/89-10/04/99	9	36	
CANY0288	No	00405	CARBON DIOXIDE (MG/L AS CO2)	08/23/77-01/27/81	3	41	
CANY0290	No	00405	CARBON DIOXIDE (MG/L AS CO2)	11/14/89-10/04/99	9	35	
CANY0291	No	00405	CARBON DIOXIDE (MG/L AS CO2)	06/14/77-09/06/99	22	72	T,S
CANY0294	No	00405	CARBON DIOXIDE (MG/L AS CO2)	10/03/91-05/14/92	0	2	
CANY0295	No	00405	CARBON DIOXIDE (MG/L AS CO2)	09/03/92-09/05/99	7	3	
CANY0297	No	00405	CARBON DIOXIDE (MG/L AS CO2)	06/14/77-09/19/77	0	8	
CANY0298	No	00405	CARBON DIOXIDE (MG/L AS CO2)	06/01/89-09/04/99	10	3	
CANY0006	No	00406	PH, FIELD, STANDARD UNITS SU	06/12/80-06/12/80	0	1	
CANY0010	No	00406	PH, FIELD, STANDARD UNITS SU	06/12/80-06/12/80	0	1	
CANY0012	No	00406	PH, FIELD, STANDARD UNITS SU	06/12/80-06/12/80	0	1	
CANY0013	No	00406	PH, FIELD, STANDARD UNITS SU	06/12/80-06/12/80	0	1	
CANY0016	No	00406	PH, FIELD, STANDARD UNITS SU	09/22/87-09/22/87	0	1	
CANY0018	No	00406	PH, FIELD, STANDARD UNITS SU	06/12/80-06/12/80	0	1	
CANY0020	No	00406	PH, FIELD, STANDARD UNITS SU	06/12/80-06/12/80	0	1	
CANY0021	No	00406	PH, FIELD, STANDARD UNITS SU	07/06/93-11/30/99	6	10	
CANY0024	No	00406	PH, FIELD, STANDARD UNITS SU	06/29/76-08/17/81	5	3	
CANY0025	Yes	00406	PH, FIELD, STANDARD UNITS SU	04/28/84-04/28/84	0	1	
CANY0028	No	00406	PH, FIELD, STANDARD UNITS SU	07/06/93-11/30/99	6	9	
CANY0029	Yes	00406	PH, FIELD, STANDARD UNITS SU	04/28/84-04/28/84	0	1	
CANY0030	No	00406	PH, FIELD, STANDARD UNITS SU	03/27/79-06/24/98	19	18	
CANY0032	Yes	00406	PH, FIELD, STANDARD UNITS SU	04/22/84-04/22/84	0	1	
CANY0036	No	00406	PH, FIELD, STANDARD UNITS SU	06/29/76-03/24/77	0	2	
CANY0037	No	00406	PH, FIELD, STANDARD UNITS SU	04/28/84-04/28/84	0	1	
CANY0039	No	00406	PH, FIELD, STANDARD UNITS SU	04/23/84-04/23/84	0	1	

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**Station/Parameter Period of Record Tabulation
From 10/02/48 To 12/09/99**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
CANY0040	No	00406	PH, FIELD, STANDARD UNITS SU	03/27/79-11/30/99	20	15	
CANY0041	No	00406	PH, FIELD, STANDARD UNITS SU	06/18/80-11/12/80	0	2	
CANY0042	Yes	00406	PH, FIELD, STANDARD UNITS SU	04/28/84-04/28/84	0	1	
CANY0044	Yes	00406	PH, FIELD, STANDARD UNITS SU	09/16/91-05/15/92	0	2	
CANY0045	Yes	00406	PH, FIELD, STANDARD UNITS SU	04/28/84-04/28/84	0	1	
CANY0046	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/24/83-08/24/83	0	1	
CANY0048	Yes	00406	PH, FIELD, STANDARD UNITS SU	04/28/84-04/28/84	0	1	
CANY0049	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/24/83-08/24/83	0	1	
CANY0050	No	00406	PH, FIELD, STANDARD UNITS SU	04/23/84-04/23/84	0	1	
CANY0051	Yes	00406	PH, FIELD, STANDARD UNITS SU	04/28/84-04/28/84	0	1	
CANY0054	Yes	00406	PH, FIELD, STANDARD UNITS SU	06/14/95-09/09/99	4	8	
CANY0056	No	00406	PH, FIELD, STANDARD UNITS SU	04/23/84-04/23/84	0	1	
CANY0057	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/12/90-08/05/99	9	8	
CANY0058	Yes	00406	PH, FIELD, STANDARD UNITS SU	04/26/84-04/26/84	0	1	
CANY0061	Yes	00406	PH, FIELD, STANDARD UNITS SU	09/23/90-05/17/92	1	4	
CANY0062	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/24/83-08/24/83	0	1	
CANY0063	Yes	00406	PH, FIELD, STANDARD UNITS SU	06/14/95-09/09/99	4	9	
CANY0064	Yes	00406	PH, FIELD, STANDARD UNITS SU	06/14/95-09/09/99	4	9	
CANY0065	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/24/83-08/24/83	0	1	
CANY0066	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/22/83-08/22/83	0	1	
CANY0069	No	00406	PH, FIELD, STANDARD UNITS SU	09/21/90-05/18/92	1	4	
CANY0070	No	00406	PH, FIELD, STANDARD UNITS SU	08/24/83-08/24/83	0	1	
CANY0071	Yes	00406	PH, FIELD, STANDARD UNITS SU	05/03/84-05/03/84	0	1	
CANY0072	Yes	00406	PH, FIELD, STANDARD UNITS SU	04/27/84-04/27/84	0	1	
CANY0074	No	00406	PH, FIELD, STANDARD UNITS SU	04/23/84-04/23/84	0	2	
CANY0076	Yes	00406	PH, FIELD, STANDARD UNITS SU	05/02/84-05/02/84	0	1	
CANY0077	Yes	00406	PH, FIELD, STANDARD UNITS SU	04/28/84-04/28/84	0	1	
CANY0082	Yes	00406	PH, FIELD, STANDARD UNITS SU	05/01/84-05/01/84	0	1	
CANY0085	Yes	00406	PH, FIELD, STANDARD UNITS SU	04/26/84-04/26/84	0	1	
CANY0088	Yes	00406	PH, FIELD, STANDARD UNITS SU	04/26/84-04/26/84	0	1	
CANY0089	Yes	00406	PH, FIELD, STANDARD UNITS SU	05/01/84-05/01/84	0	1	
CANY0091	Yes	00406	PH, FIELD, STANDARD UNITS SU	09/23/90-12/09/99	9	19	
CANY0094	Yes	00406	PH, FIELD, STANDARD UNITS SU	05/05/84-05/05/84	0	1	
CANY0097	Yes	00406	PH, FIELD, STANDARD UNITS SU	10/24/90-04/30/92	1	4	
CANY0099	No	00406	PH, FIELD, STANDARD UNITS SU	10/23/90-04/30/92	1	4	
CANY0102	Yes	00406	PH, FIELD, STANDARD UNITS SU	04/28/84-04/28/84	0	1	
CANY0107	Yes	00406	PH, FIELD, STANDARD UNITS SU	09/23/90-09/23/90	0	1	
CANY0109	Yes	00406	PH, FIELD, STANDARD UNITS SU	09/21/90-05/16/92	1	4	
CANY0112	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/24/83-08/24/83	0	1	
CANY0113	Yes	00406	PH, FIELD, STANDARD UNITS SU	05/23/91-05/16/92	0	3	
CANY0114	Yes	00406	PH, FIELD, STANDARD UNITS SU	04/28/84-04/28/84	0	1	
CANY0117	No	00406	PH, FIELD, STANDARD UNITS SU	03/27/79-03/16/82	2	5	
CANY0118	No	00406	PH, FIELD, STANDARD UNITS SU	03/27/79-04/24/84	5	6	
CANY0123	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/30/90-12/09/99	9	15	
CANY0125	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/24/83-08/24/83	0	1	
CANY0126	Yes	00406	PH, FIELD, STANDARD UNITS SU	04/27/84-04/27/84	0	1	
CANY0127	Yes	00406	PH, FIELD, STANDARD UNITS SU	04/27/84-04/27/84	0	1	
CANY0128	Yes	00406	PH, FIELD, STANDARD UNITS SU	05/26/91-04/24/93	1	4	
CANY0129	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/24/83-08/24/83	0	1	
CANY0132	Yes	00406	PH, FIELD, STANDARD UNITS SU	04/28/84-04/28/84	0	1	
CANY0135	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/30/90-05/16/92	1	4	
CANY0136	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/24/83-08/24/83	0	1	
CANY0138	Yes	00406	PH, FIELD, STANDARD UNITS SU	04/25/84-04/25/84	0	1	
CANY0139	Yes	00406	PH, FIELD, STANDARD UNITS SU	04/25/84-04/25/84	0	1	
CANY0140	Yes	00406	PH, FIELD, STANDARD UNITS SU	04/24/84-04/24/84	0	1	
CANY0141	Yes	00406	PH, FIELD, STANDARD UNITS SU	04/24/84-04/24/84	0	1	
CANY0142	Yes	00406	PH, FIELD, STANDARD UNITS SU	04/24/84-04/24/84	0	1	
CANY0146	Yes	00406	PH, FIELD, STANDARD UNITS SU	10/23/90-10/23/90	0	1	
CANY0148	Yes	00406	PH, FIELD, STANDARD UNITS SU	04/25/84-04/25/84	0	1	
CANY0150	Yes	00406	PH, FIELD, STANDARD UNITS SU	10/23/90-05/01/92	1	4	
CANY0151	Yes	00406	PH, FIELD, STANDARD UNITS SU	04/27/84-04/27/84	0	1	
CANY0152	Yes	00406	PH, FIELD, STANDARD UNITS SU	09/01/83-09/01/83	0	1	
CANY0153	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/01/84-08/04/99	15	49	T,S
CANY0154	Yes	00406	PH, FIELD, STANDARD UNITS SU	10/23/90-05/02/92	1	2	
CANY0155	Yes	00406	PH, FIELD, STANDARD UNITS SU	09/01/83-09/01/83	0	1	
CANY0156	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/01/84-08/04/99	15	47	T,S
CANY0157	Yes	00406	PH, FIELD, STANDARD UNITS SU	04/27/84-04/27/84	0	1	
CANY0159	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/30/90-05/16/92	1	4	
CANY0161	Yes	00406	PH, FIELD, STANDARD UNITS SU	04/24/84-04/24/84	0	1	
CANY0162	Yes	00406	PH, FIELD, STANDARD UNITS SU	09/01/83-09/01/83	0	1	
CANY0165	Yes	00406	PH, FIELD, STANDARD UNITS SU	10/04/93-12/09/99	6	15	
CANY0167	No	00406	PH, FIELD, STANDARD UNITS SU	03/27/80-03/27/80	0	1	

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

Station/Parameter Period of Record Tabulation
From 10/02/48 To 12/09/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
CANY0168	Yes	00406	PH, FIELD, STANDARD UNITS SU	04/26/84-04/26/84	0	1	
CANY0169	Yes	00406	PH, FIELD, STANDARD UNITS SU	04/26/84-04/26/84	0	1	
CANY0170	Yes	00406	PH, FIELD, STANDARD UNITS SU	04/26/84-04/26/84	0	1	
CANY0171	No	00406	PH, FIELD, STANDARD UNITS SU	03/24/77-04/24/84	7	2	
CANY0172	Yes	00406	PH, FIELD, STANDARD UNITS SU	04/27/84-04/27/84	0	1	
CANY0173	Yes	00406	PH, FIELD, STANDARD UNITS SU	04/27/84-04/27/84	0	1	
CANY0178	No	00406	PH, FIELD, STANDARD UNITS SU	06/18/80-10/26/90	10	3	
CANY0184	No	00406	PH, FIELD, STANDARD UNITS SU	04/24/84-04/24/84	0	1	
CANY0187	Yes	00406	PH, FIELD, STANDARD UNITS SU	10/25/90-09/19/99	8	22	
CANY0191	Yes	00406	PH, FIELD, STANDARD UNITS SU	10/25/90-05/04/92	1	4	
CANY0194	Yes	00406	PH, FIELD, STANDARD UNITS SU	10/25/90-09/19/99	8	21	
CANY0198	No	00406	PH, FIELD, STANDARD UNITS SU	11/12/80-02/28/99	18	4	
CANY0199	No	00406	PH, FIELD, STANDARD UNITS SU	03/27/79-03/25/81	1	4	
CANY0202	Yes	00406	PH, FIELD, STANDARD UNITS SU	10/25/90-05/14/91	0	2	
CANY0207	Yes	00406	PH, FIELD, STANDARD UNITS SU	10/25/90-05/03/92	1	4	
CANY0208	No	00406	PH, FIELD, STANDARD UNITS SU	11/14/80-04/24/81	0	2	
CANY0209	No	00406	PH, FIELD, STANDARD UNITS SU	11/13/80-04/24/81	0	2	
CANY0210	No	00406	PH, FIELD, STANDARD UNITS SU	11/13/80-04/24/81	0	2	
CANY0212	No	00406	PH, FIELD, STANDARD UNITS SU	04/25/84-04/25/84	0	1	
CANY0214	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/24/83-08/24/83	0	1	
CANY0216	Yes	00406	PH, FIELD, STANDARD UNITS SU	09/09/97-09/09/97	0	1	
CANY0217	Yes	00406	PH, FIELD, STANDARD UNITS SU	04/16/91-08/20/97	6	22	
CANY0224	No	00406	PH, FIELD, STANDARD UNITS SU	11/14/80-04/24/81	0	2	
CANY0226	Yes	00406	PH, FIELD, STANDARD UNITS SU	09/01/83-09/01/83	0	1	
CANY0227	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/02/84-08/06/98	14	40	T
CANY0228	Yes	00406	PH, FIELD, STANDARD UNITS SU	09/01/83-09/01/83	0	1	
CANY0230	Yes	00406	PH, FIELD, STANDARD UNITS SU	09/07/87-09/07/87	0	1	
CANY0234	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/29/83-08/29/83	0	1	
CANY0236	No	00406	PH, FIELD, STANDARD UNITS SU	04/29/80-04/29/81	1	2	
CANY0237	No	00406	PH, FIELD, STANDARD UNITS SU	04/29/80-04/29/81	1	2	
CANY0241	No	00406	PH, FIELD, STANDARD UNITS SU	11/14/80-04/24/81	0	2	
CANY0244	No	00406	PH, FIELD, STANDARD UNITS SU	04/29/80-04/29/81	1	2	
CANY0248	No	00406	PH, FIELD, STANDARD UNITS SU	11/14/80-04/24/81	0	2	
CANY0250	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/14/91-09/09/98	7	2	
CANY0255	No	00406	PH, FIELD, STANDARD UNITS SU	11/14/80-04/24/81	0	2	
CANY0260	Yes	00406	PH, FIELD, STANDARD UNITS SU	10/27/90-05/05/92	1	3	
CANY0263	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/29/83-08/29/83	0	1	
CANY0264	Yes	00406	PH, FIELD, STANDARD UNITS SU	10/04/90-04/18/92	1	4	
CANY0265	Yes	00406	PH, FIELD, STANDARD UNITS SU	10/04/90-04/18/92	1	3	
CANY0268	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/29/83-08/29/83	0	1	
CANY0270	No	00406	PH, FIELD, STANDARD UNITS SU	04/24/81-04/24/81	0	1	
CANY0273	Yes	00406	PH, FIELD, STANDARD UNITS SU	10/27/90-09/19/99	8	5	
CANY0276	No	00406	PH, FIELD, STANDARD UNITS SU	04/04/94-10/04/99	5	19	
CANY0277	No	00406	PH, FIELD, STANDARD UNITS SU	07/18/91-04/12/99	7	34	
CANY0278	Yes	00406	PH, FIELD, STANDARD UNITS SU	11/17/97-09/03/98	0	4	
CANY0279	Yes	00406	PH, FIELD, STANDARD UNITS SU	10/04/90-10/04/90	0	1	
CANY0281	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/29/83-08/29/83	0	1	
CANY0282	No	00406	PH, FIELD, STANDARD UNITS SU	07/09/90-05/17/96	5	6	
CANY0283	Yes	00406	PH, FIELD, STANDARD UNITS SU	06/17/80-11/14/80	0	2	
CANY0284	No	00406	PH, FIELD, STANDARD UNITS SU	04/15/91-08/06/98	7	22	
CANY0285	Yes	00406	PH, FIELD, STANDARD UNITS SU	09/07/87-09/07/87	0	1	
CANY0287	No	00406	PH, FIELD, STANDARD UNITS SU	11/02/90-10/04/99	8	21	
CANY0288	No	00406	PH, FIELD, STANDARD UNITS SU	04/18/79-01/27/81	1	9	
CANY0290	No	00406	PH, FIELD, STANDARD UNITS SU	11/02/90-10/04/99	8	21	
CANY0291	No	00406	PH, FIELD, STANDARD UNITS SU	02/13/78-09/06/99	21	34	S
CANY0292	No	00406	PH, FIELD, STANDARD UNITS SU	09/01/83-09/01/83	0	1	
CANY0295	No	00406	PH, FIELD, STANDARD UNITS SU	09/03/92-09/05/99	7	3	
CANY0298	No	00406	PH, FIELD, STANDARD UNITS SU	06/01/89-09/04/99	10	2	
CANY0003	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/17/86-09/17/86	0	1	
CANY0005	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/02/80-10/15/80	0	6	
CANY0006	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/09/79-06/12/80	0	2	
CANY0007	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/20/77-01/30/78	0	2	
CANY0010	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/12/80-06/15/82	2	2	
CANY0012	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/09/79-06/12/80	0	2	
CANY0013	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/09/79-06/12/80	0	2	
CANY0016	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/22/87-09/22/87	0	1	
CANY0018	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/09/79-06/12/80	0	2	
CANY0020	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/12/80-06/12/80	0	1	
CANY0021	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/06/93-11/30/99	6	11	
CANY0024	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/29/76-09/15/81	5	2	
CANY0026	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/02/80-10/15/80	0	6	
CANY0028	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/06/93-11/30/99	6	11	

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Station/Parameter Period of Record Tabulation From 10/02/48 To 12/09/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
CANY0029	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/28/84-04/28/84	0	1	
CANY0030	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/02/77-06/24/98	20	23	
CANY0035	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/02/48-10/02/48	0	1	
CANY0037	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/28/84-04/28/84	0	1	
CANY0038	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/02/77-03/21/78	0	2	
CANY0040	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/02/77-11/30/99	22	18	
CANY0041	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/18/80-11/12/80	0	2	
CANY0044	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/24/91-05/15/92	0	3	
CANY0046	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/24/83-08/24/83	0	1	
CANY0047	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/08/85-05/22/90	5	9	
CANY0049	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/24/83-08/24/83	0	1	
CANY0050	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/23/84-04/23/84	0	1	
CANY0052	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/01/68-07/01/68	0	1	
CANY0054	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/14/95-09/09/99	4	8	
CANY0056	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/23/84-04/23/84	0	1	
CANY0057	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/12/90-08/05/99	9	12	
CANY0060	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/13/85-05/17/90	5	11	
CANY0061	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/23/90-05/17/92	1	4	
CANY0062	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/24/83-08/24/83	0	1	
CANY0063	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/14/95-09/09/99	4	10	
CANY0064	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/14/95-09/09/99	4	9	
CANY0065	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/24/83-08/24/83	0	1	
CANY0066	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/22/83-08/22/83	0	1	
CANY0068	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/12/85-09/30/89	4	8	
CANY0069	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/21/90-05/18/92	1	4	
CANY0070	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/24/83-08/24/83	0	1	
CANY0072	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/27/84-04/27/84	0	1	
CANY0074	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/23/84-04/23/84	0	1	
CANY0084	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/02/70-12/02/70	0	1	
CANY0087	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/24/85-04/07/88	2	4	
CANY0088	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/26/84-04/26/84	0	1	
CANY0090	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/09/68-10/09/68	0	1	
CANY0091	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/23/90-12/09/99	9	20	
CANY0092	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/22/86-05/20/90	3	8	
CANY0095	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/04/69-09/04/69	0	1	
CANY0096	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/16/84-10/04/89	4	10	
CANY0097	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/24/90-04/30/92	1	4	
CANY0098	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/16/84-10/04/89	4	10	
CANY0099	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/23/90-04/30/92	1	4	
CANY0101	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/17/68-07/17/68	0	1	
CANY0104	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/14/85-05/20/88	3	4	
CANY0105	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/28/85-05/17/90	4	9	
CANY0107	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/23/90-09/23/90	0	1	
CANY0108	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/13/85-05/20/90	5	11	
CANY0109	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/21/90-05/16/92	1	4	
CANY0111	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/12/85-05/17/90	5	11	
CANY0112	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/24/83-08/24/83	0	1	
CANY0113	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/23/91-05/16/92	0	3	
CANY0117	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/27/79-03/16/82	2	6	
CANY0118	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/27/79-04/24/84	5	8	
CANY0123	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/30/90-12/09/99	9	17	
CANY0124	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/12/85-05/18/90	5	12	
CANY0125	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/24/83-08/24/83	0	1	
CANY0126	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/27/84-04/27/84	0	1	
CANY0127	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/27/84-04/27/84	0	1	
CANY0128	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/26/91-04/24/93	1	4	
CANY0129	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/24/83-08/24/83	0	1	
CANY0130	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/14/85-05/18/90	5	9	
CANY0131	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/05/70-03/05/70	0	1	
CANY0132	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/28/84-04/28/84	0	1	
CANY0134	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/14/85-05/20/90	5	11	
CANY0135	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/30/90-05/16/92	1	4	
CANY0136	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/24/83-08/24/83	0	1	
CANY0137	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/08/70-04/08/70	0	1	
CANY0143	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/07/70-04/07/70	0	1	
CANY0144	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/05/85-10/06/89	4	10	
CANY0146	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/23/90-10/23/90	0	1	
CANY0147	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/16/85-10/06/89	4	10	
CANY0149	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/16/85-10/06/89	4	8	
CANY0150	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/23/90-05/01/92	1	4	
CANY0151	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/27/84-04/27/84	0	1	
CANY0152	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/01/83-09/01/83	0	1	

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

Station/Parameter Period of Record Tabulation **From 10/02/48 To 12/09/99**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
CANY0153	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/04/83-08/04/99	16	63	T,S
CANY0154	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/23/90-05/02/92	1	3	
CANY0155	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/01/83-09/01/83	0	1	
CANY0156	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/04/83-08/04/99	16	59	T,S
CANY0157	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/27/84-04/27/84	0	1	
CANY0158	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/11/85-05/22/90	5	10	
CANY0159	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/30/90-05/16/92	1	4	
CANY0160	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/20/69-05/20/69	0	1	
CANY0161	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/24/84-04/24/84	0	1	
CANY0162	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/01/83-09/01/83	0	1	
CANY0163	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/10/85-04/06/88	2	4	
CANY0164	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/23/77-10/23/77	0	1	
CANY0165	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/04/93-12/09/99	6	17	
CANY0167	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/27/80-03/27/80	0	1	
CANY0172	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/27/84-04/27/84	0	1	
CANY0174	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/21/78-03/21/78	0	1	
CANY0175	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/30/84-10/08/89	5	10	
CANY0177	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/07/74-08/07/74	0	1	
CANY0178	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/18/80-10/26/90	10	3	
CANY0179	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/25/79-05/25/79	0	1	
CANY0185	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/07/70-04/07/70	0	1	
CANY0186	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/04/85-10/06/89	4	8	
CANY0187	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/25/90-09/19/99	8	22	
CANY0191	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/25/90-05/04/92	1	4	
CANY0192	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/05/85-10/07/89	4	9	
CANY0193	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/02/84-10/07/89	5	10	
CANY0194	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/25/90-09/19/99	8	21	
CANY0196	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/03/84-10/08/89	5	7	
CANY0197	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/22/79-05/22/79	0	1	
CANY0198	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/12/80-02/28/99	18	4	
CANY0199	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/22/78-03/25/81	3	5	
CANY0200	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/15/57-09/03/69	12	2	
CANY0202	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/14/91-05/14/91	0	1	
CANY0203	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/06/85-10/08/89	4	7	
CANY0205	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/30/79-05/30/79	0	1	
CANY0206	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/01/84-10/08/89	5	8	
CANY0207	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/25/90-05/03/92	1	4	
CANY0208	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/14/80-04/24/81	0	2	
CANY0209	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/13/80-04/24/81	0	2	
CANY0210	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/13/80-04/24/81	0	2	
CANY0211	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/22/57-05/22/57	0	1	
CANY0213	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/26/84-04/26/84	0	1	
CANY0214	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/24/83-08/24/83	0	1	
CANY0215	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/08/87-04/08/87	0	1	
CANY0216	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/09/97-09/09/97	0	1	
CANY0217	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/16/91-08/20/97	6	26	
CANY0218	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/26/84-04/26/84	0	1	
CANY0219	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/30/79-05/30/79	0	1	
CANY0220	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/25/79-05/25/79	0	1	
CANY0222	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/30/79-05/30/79	0	1	
CANY0224	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/14/80-04/24/81	0	2	
CANY0225	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/22/77-10/22/77	0	1	
CANY0226	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/01/83-09/01/83	0	1	
CANY0227	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/15/83-08/06/98	15	52	T,S
CANY0228	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/01/83-09/01/83	0	1	
CANY0232	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/11/84-09/12/89	5	11	
CANY0234	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/29/83-08/29/83	0	1	
CANY0236	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/27/78-04/29/81	3	3	
CANY0237	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/27/78-04/29/81	3	3	
CANY0239	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/13/69-11/13/69	0	1	
CANY0240	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/04/70-03/04/70	0	1	
CANY0241	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/14/80-04/24/81	0	2	
CANY0244	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/29/80-04/29/81	1	2	
CANY0248	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/14/80-11/14/80	0	1	
CANY0249	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/25/65-05/14/68	2	2	
CANY0250	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/14/91-09/09/98	7	3	
CANY0251	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/29/84-03/23/90	5	12	
CANY0254	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/23/79-05/23/79	0	1	
CANY0255	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/14/80-04/24/81	0	2	
CANY0260	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/27/90-05/05/92	1	4	
CANY0261	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/27/84-05/12/90	5	9	
CANY0262	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/22/84-03/22/90	5	12	

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

Station/Parameter Period of Record Tabulation **From 10/02/48 To 12/09/99**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
CANY0263	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/29/83-08/29/83	0	1	
CANY0264	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/04/90-04/18/92	1	4	
CANY0265	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/04/90-04/18/92	1	3	
CANY0266	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/18/65-10/24/67	2	2	
CANY0267	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/22/84-03/22/90	5	7	
CANY0268	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/29/83-08/29/83	0	1	
CANY0269	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/26/79-05/26/79	0	1	
CANY0270	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/24/81-04/24/81	0	1	
CANY0271	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/04/70-03/04/70	0	1	
CANY0273	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/27/90-09/19/99	8	5	
CANY0274	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/10/85-05/11/90	4	7	
CANY0275	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/12/69-11/12/69	0	1	
CANY0276	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/21/91-10/04/99	8	32	
CANY0277	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/18/91-04/12/99	7	48	
CANY0278	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/17/97-09/03/98	0	4	
CANY0279	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/04/90-10/04/90	0	1	
CANY0280	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/20/85-03/28/90	5	8	
CANY0281	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/29/83-08/29/83	0	1	
CANY0282	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/14/89-05/17/96	6	7	
CANY0283	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/17/80-11/14/80	0	2	
CANY0284	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/15/91-08/06/98	7	29	
CANY0287	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/14/89-10/04/99	9	36	
CANY0288	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/23/77-01/27/81	3	28	
CANY0290	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/14/89-10/04/99	9	36	
CANY0291	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/14/77-09/06/99	22	60	T,S
CANY0292	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/01/83-09/01/83	0	1	
CANY0293	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/17/79-05/17/79	0	1	
CANY0294	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/03/91-05/14/92	0	2	
CANY0295	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/03/92-09/05/99	7	3	
CANY0297	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/14/77-09/19/77	0	4	
CANY0298	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/01/89-09/04/99	10	3	
CANY0275	Yes	00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	11/12/69-11/12/69	0	1	
CANY0036	No	00431	ALKALINITY TOTAL FIELD, (MG/L AS CACO3)	06/29/76-06/29/76	0	1	
CANY0003	No	00440	BICARBONATE ION (MG/L AS HCO3)	09/17/86-09/17/86	0	1	
CANY0006	No	00440	BICARBONATE ION (MG/L AS HCO3)	08/09/79-06/12/80	0	2	
CANY0007	No	00440	BICARBONATE ION (MG/L AS HCO3)	05/20/77-01/30/78	0	2	
CANY0010	No	00440	BICARBONATE ION (MG/L AS HCO3)	06/12/80-06/15/82	2	2	
CANY0011	No	00440	BICARBONATE ION (MG/L AS HCO3)	06/16/78-06/16/78	0	1	
CANY0012	No	00440	BICARBONATE ION (MG/L AS HCO3)	08/09/79-06/12/80	0	2	
CANY0013	No	00440	BICARBONATE ION (MG/L AS HCO3)	08/09/79-06/12/80	0	2	
CANY0014	No	00440	BICARBONATE ION (MG/L AS HCO3)	06/14/78-06/14/78	0	1	
CANY0016	No	00440	BICARBONATE ION (MG/L AS HCO3)	09/22/87-09/22/87	0	1	
CANY0017	No	00440	BICARBONATE ION (MG/L AS HCO3)	06/17/78-06/17/78	0	1	
CANY0018	No	00440	BICARBONATE ION (MG/L AS HCO3)	08/09/79-06/12/80	0	2	
CANY0020	No	00440	BICARBONATE ION (MG/L AS HCO3)	06/12/80-06/12/80	0	1	
CANY0021	No	00440	BICARBONATE ION (MG/L AS HCO3)	07/06/93-11/30/99	6	11	
CANY0022	No	00440	BICARBONATE ION (MG/L AS HCO3)	06/15/78-06/15/78	0	1	
CANY0023	No	00440	BICARBONATE ION (MG/L AS HCO3)	06/15/78-06/15/78	0	1	
CANY0024	No	00440	BICARBONATE ION (MG/L AS HCO3)	06/29/76-09/15/81	5	2	
CANY0028	No	00440	BICARBONATE ION (MG/L AS HCO3)	07/06/93-11/30/99	6	11	
CANY0030	No	00440	BICARBONATE ION (MG/L AS HCO3)	08/02/77-06/24/98	20	23	
CANY0031	No	00440	BICARBONATE ION (MG/L AS HCO3)	06/15/78-06/15/78	0	1	
CANY0035	No	00440	BICARBONATE ION (MG/L AS HCO3)	10/02/48-10/02/48	0	1	
CANY0036	No	00440	BICARBONATE ION (MG/L AS HCO3)	03/24/77-03/24/77	0	1	
CANY0038	No	00440	BICARBONATE ION (MG/L AS HCO3)	08/02/77-03/21/78	0	2	
CANY0040	No	00440	BICARBONATE ION (MG/L AS HCO3)	08/02/77-11/30/99	22	18	
CANY0041	No	00440	BICARBONATE ION (MG/L AS HCO3)	06/18/80-11/12/80	0	2	
CANY0043	No	00440	BICARBONATE ION (MG/L AS HCO3)	06/18/78-06/18/78	0	1	
CANY0044	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	05/24/91-05/15/92	0	3	
CANY0052	No	00440	BICARBONATE ION (MG/L AS HCO3)	07/01/68-07/01/68	0	1	
CANY0054	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	06/14/95-09/09/99	4	8	
CANY0057	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	07/12/90-08/05/99	9	12	
CANY0061	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	09/23/90-05/17/92	1	4	
CANY0063	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	06/14/95-09/09/99	4	10	
CANY0064	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	06/14/95-09/09/99	4	9	
CANY0067	No	00440	BICARBONATE ION (MG/L AS HCO3)	07/20/78-07/20/78	0	1	
CANY0069	No	00440	BICARBONATE ION (MG/L AS HCO3)	09/21/90-05/18/92	1	4	
CANY0078	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	05/20/69-05/20/69	0	1	
CANY0079	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	06/14/78-06/14/78	0	1	
CANY0080	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	05/02/68-05/02/68	0	1	
CANY0083	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/05/78-08/05/78	0	1	
CANY0084	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	12/02/70-12/02/70	0	1	

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

**Station/Parameter Period of Record Tabulation
From 10/02/48 To 12/09/99**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
CANY0086	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	06/15/78-06/15/78	0	1	
CANY0090	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	10/09/68-10/09/68	0	1	
CANY0091	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	09/23/90-12/09/99	9	20	
CANY0095	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	09/04/69-09/04/69	0	1	
CANY0097	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	10/24/90-04/30/92	1	4	
CANY0099	No	00440	BICARBONATE ION (MG/L AS HCO3)	10/23/90-04/30/92	1	4	
CANY0100	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	07/14/78-07/14/78	0	1	
CANY0101	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	07/17/68-07/17/68	0	1	
CANY0107	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	09/23/90-09/23/90	0	1	
CANY0109	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	09/21/90-05/16/92	1	4	
CANY0110	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	05/02/68-05/02/68	0	1	
CANY0113	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	05/23/91-05/16/92	0	3	
CANY0115	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	07/02/78-07/02/78	0	1	
CANY0116	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	05/02/68-05/02/68	0	1	
CANY0117	No	00440	BICARBONATE ION (MG/L AS HCO3)	03/27/79-03/16/82	2	6	
CANY0118	No	00440	BICARBONATE ION (MG/L AS HCO3)	03/27/79-03/16/82	2	7	
CANY0119	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	07/01/78-07/01/78	0	1	
CANY0122	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	07/21/78-07/21/78	0	1	
CANY0123	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/30/90-12/09/99	9	17	
CANY0128	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	05/26/91-04/24/93	1	4	
CANY0131	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	03/05/70-03/05/70	0	1	
CANY0133	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	04/08/70-04/08/70	0	1	
CANY0135	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/30/90-05/16/92	1	4	
CANY0137	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	04/08/70-04/08/70	0	1	
CANY0143	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	04/07/70-04/07/70	0	1	
CANY0146	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	10/23/90-10/23/90	0	1	
CANY0150	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	10/23/90-05/01/92	1	4	
CANY0153	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	05/04/83-08/04/99	16	63	T,S
CANY0154	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	10/23/90-05/02/92	1	3	
CANY0156	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	05/04/83-08/04/99	16	59	T,S
CANY0159	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/30/90-05/16/92	1	4	
CANY0160	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	05/20/69-05/20/69	0	1	
CANY0164	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	10/23/77-10/23/77	0	1	
CANY0165	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	10/04/93-12/09/99	6	17	
CANY0167	No	00440	BICARBONATE ION (MG/L AS HCO3)	03/27/80-03/27/80	0	1	
CANY0174	No	00440	BICARBONATE ION (MG/L AS HCO3)	03/21/78-03/21/78	0	1	
CANY0177	No	00440	BICARBONATE ION (MG/L AS HCO3)	08/07/74-08/07/74	0	1	
CANY0178	No	00440	BICARBONATE ION (MG/L AS HCO3)	06/18/80-10/26/90	10	3	
CANY0185	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	04/07/70-04/07/70	0	1	
CANY0187	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	10/25/90-09/19/99	8	22	
CANY0189	No	00440	BICARBONATE ION (MG/L AS HCO3)	06/22/78-06/22/78	0	1	
CANY0191	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	10/25/90-05/04/92	1	4	
CANY0194	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	10/25/90-09/19/99	8	21	
CANY0198	No	00440	BICARBONATE ION (MG/L AS HCO3)	11/12/80-02/28/99	18	4	
CANY0199	No	00440	BICARBONATE ION (MG/L AS HCO3)	03/22/78-03/25/81	3	5	
CANY0200	No	00440	BICARBONATE ION (MG/L AS HCO3)	05/15/57-09/03/69	12	2	
CANY0202	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	05/14/91-05/14/91	0	1	
CANY0207	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	10/25/90-05/03/92	1	4	
CANY0208	No	00440	BICARBONATE ION (MG/L AS HCO3)	11/14/80-04/24/81	0	2	
CANY0209	No	00440	BICARBONATE ION (MG/L AS HCO3)	11/13/80-04/24/81	0	2	
CANY0210	No	00440	BICARBONATE ION (MG/L AS HCO3)	11/13/80-04/24/81	0	2	
CANY0211	No	00440	BICARBONATE ION (MG/L AS HCO3)	05/22/57-05/22/57	0	1	
CANY0216	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	09/09/97-09/09/97	0	1	
CANY0217	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	04/16/91-08/20/97	6	26	
CANY0221	No	00440	BICARBONATE ION (MG/L AS HCO3)	07/28/78-07/28/78	0	1	
CANY0224	No	00440	BICARBONATE ION (MG/L AS HCO3)	11/14/80-04/24/81	0	2	
CANY0225	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	10/22/77-10/22/77	0	1	
CANY0227	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	06/15/83-08/06/98	15	53	T,S
CANY0229	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/21/77-08/21/77	0	1	
CANY0231	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/21/77-08/21/77	0	1	
CANY0235	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/21/77-08/21/77	0	1	
CANY0236	No	00440	BICARBONATE ION (MG/L AS HCO3)	03/27/78-04/29/81	3	3	
CANY0237	No	00440	BICARBONATE ION (MG/L AS HCO3)	03/27/78-04/29/81	3	3	
CANY0239	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	11/13/69-11/13/69	0	1	
CANY0240	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	03/04/70-03/04/70	0	1	
CANY0241	No	00440	BICARBONATE ION (MG/L AS HCO3)	11/14/80-04/24/81	0	2	
CANY0243	No	00440	BICARBONATE ION (MG/L AS HCO3)	06/13/78-06/13/78	0	1	
CANY0244	No	00440	BICARBONATE ION (MG/L AS HCO3)	04/29/80-04/29/81	1	2	
CANY0248	No	00440	BICARBONATE ION (MG/L AS HCO3)	11/14/80-11/14/80	0	1	
CANY0249	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	05/25/65-05/14/68	2	2	
CANY0250	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/14/91-09/09/98	7	3	
CANY0252	No	00440	BICARBONATE ION (MG/L AS HCO3)	06/13/78-06/13/78	0	1	

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

**Station/Parameter Period of Record Tabulation
From 10/02/48 To 12/09/99**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
CANY0255	No	00440	BICARBONATE ION (MG/L AS HCO3)	11/14/80-04/24/81	0	2	
CANY0257	No	00440	BICARBONATE ION (MG/L AS HCO3)	06/12/78-06/12/78	0	1	
CANY0258	No	00440	BICARBONATE ION (MG/L AS HCO3)	06/15/78-06/15/78	0	1	
CANY0260	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	10/27/90-05/05/92	1	4	
CANY0264	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	10/04/90-04/18/92	1	4	
CANY0265	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	10/04/90-04/18/92	1	3	
CANY0266	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	05/18/65-10/24/67	2	2	
CANY0270	No	00440	BICARBONATE ION (MG/L AS HCO3)	04/24/81-04/24/81	0	1	
CANY0271	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	03/04/70-03/04/70	0	1	
CANY0272	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	07/01/77-07/01/77	0	1	
CANY0273	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	10/27/90-09/19/99	8	5	
CANY0275	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	11/12/69-11/12/69	0	1	
CANY0276	No	00440	BICARBONATE ION (MG/L AS HCO3)	07/21/91-10/04/99	8	32	
CANY0277	No	00440	BICARBONATE ION (MG/L AS HCO3)	07/18/91-04/12/99	7	48	
CANY0278	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	11/17/97-09/03/98	0	4	
CANY0279	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	10/04/90-10/04/90	0	1	
CANY0282	No	00440	BICARBONATE ION (MG/L AS HCO3)	11/14/89-05/17/96	6	7	
CANY0283	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	06/17/80-11/14/80	0	2	
CANY0284	No	00440	BICARBONATE ION (MG/L AS HCO3)	04/15/91-08/06/98	7	29	
CANY0287	No	00440	BICARBONATE ION (MG/L AS HCO3)	11/14/89-10/04/99	9	36	
CANY0288	No	00440	BICARBONATE ION (MG/L AS HCO3)	08/23/77-01/27/81	3	28	
CANY0289	No	00440	BICARBONATE ION (MG/L AS HCO3)	08/22/77-08/22/77	0	1	
CANY0290	No	00440	BICARBONATE ION (MG/L AS HCO3)	11/14/89-10/04/99	9	35	
CANY0291	No	00440	BICARBONATE ION (MG/L AS HCO3)	06/14/77-09/06/99	22	60	T,S
CANY0294	No	00440	BICARBONATE ION (MG/L AS HCO3)	10/03/91-05/14/92	0	2	
CANY0295	No	00440	BICARBONATE ION (MG/L AS HCO3)	09/03/92-09/05/99	7	3	
CANY0297	No	00440	BICARBONATE ION (MG/L AS HCO3)	06/14/77-09/19/77	0	4	
CANY0298	No	00440	BICARBONATE ION (MG/L AS HCO3)	06/01/89-09/04/99	10	3	
CANY0003	No	00445	CARBONATE ION (MG/L AS CO3)	09/17/86-09/17/86	0	1	
CANY0006	No	00445	CARBONATE ION (MG/L AS CO3)	08/09/79-06/12/80	0	2	
CANY0010	No	00445	CARBONATE ION (MG/L AS CO3)	06/12/80-06/12/80	0	1	
CANY0012	No	00445	CARBONATE ION (MG/L AS CO3)	08/09/79-06/12/80	0	2	
CANY0013	No	00445	CARBONATE ION (MG/L AS CO3)	08/09/79-06/12/80	0	2	
CANY0016	No	00445	CARBONATE ION (MG/L AS CO3)	09/22/87-09/22/87	0	1	
CANY0018	No	00445	CARBONATE ION (MG/L AS CO3)	08/09/79-06/12/80	0	2	
CANY0020	No	00445	CARBONATE ION (MG/L AS CO3)	06/12/80-06/12/80	0	1	
CANY0021	No	00445	CARBONATE ION (MG/L AS CO3)	07/06/93-11/30/99	6	11	
CANY0024	No	00445	CARBONATE ION (MG/L AS CO3)	06/29/76-09/15/81	5	2	
CANY0028	No	00445	CARBONATE ION (MG/L AS CO3)	07/06/93-11/30/99	6	11	
CANY0030	No	00445	CARBONATE ION (MG/L AS CO3)	08/01/79-06/24/98	18	17	
CANY0035	No	00445	CARBONATE ION (MG/L AS CO3)	10/02/48-10/02/48	0	1	
CANY0036	No	00445	CARBONATE ION (MG/L AS CO3)	03/24/77-03/24/77	0	1	
CANY0040	No	00445	CARBONATE ION (MG/L AS CO3)	08/02/77-11/30/99	22	15	
CANY0044	Yes	00445	CARBONATE ION (MG/L AS CO3)	05/24/91-05/15/92	0	3	
CANY0052	No	00445	CARBONATE ION (MG/L AS CO3)	07/01/68-07/01/68	0	1	
CANY0054	Yes	00445	CARBONATE ION (MG/L AS CO3)	06/14/95-09/09/99	4	8	
CANY0057	Yes	00445	CARBONATE ION (MG/L AS CO3)	07/12/90-08/05/99	9	12	
CANY0061	Yes	00445	CARBONATE ION (MG/L AS CO3)	09/23/90-05/17/92	1	4	
CANY0063	Yes	00445	CARBONATE ION (MG/L AS CO3)	06/14/95-09/09/99	4	10	
CANY0064	Yes	00445	CARBONATE ION (MG/L AS CO3)	06/14/95-09/09/99	4	9	
CANY0069	No	00445	CARBONATE ION (MG/L AS CO3)	09/21/90-05/18/92	1	4	
CANY0080	Yes	00445	CARBONATE ION (MG/L AS CO3)	05/02/68-05/02/68	0	1	
CANY0090	Yes	00445	CARBONATE ION (MG/L AS CO3)	10/09/68-10/09/68	0	1	
CANY0091	Yes	00445	CARBONATE ION (MG/L AS CO3)	09/23/90-12/09/99	9	20	
CANY0095	Yes	00445	CARBONATE ION (MG/L AS CO3)	09/04/69-09/04/69	0	1	
CANY0097	Yes	00445	CARBONATE ION (MG/L AS CO3)	10/24/90-04/30/92	1	4	
CANY0099	No	00445	CARBONATE ION (MG/L AS CO3)	10/23/90-04/30/92	1	4	
CANY0101	Yes	00445	CARBONATE ION (MG/L AS CO3)	07/17/68-07/17/68	0	1	
CANY0107	Yes	00445	CARBONATE ION (MG/L AS CO3)	09/23/90-09/23/90	0	1	
CANY0109	Yes	00445	CARBONATE ION (MG/L AS CO3)	09/21/90-05/16/92	1	4	
CANY0110	Yes	00445	CARBONATE ION (MG/L AS CO3)	05/02/68-05/02/68	0	1	
CANY0113	Yes	00445	CARBONATE ION (MG/L AS CO3)	05/23/91-05/16/92	0	3	
CANY0116	Yes	00445	CARBONATE ION (MG/L AS CO3)	05/02/68-05/02/68	0	1	
CANY0117	No	00445	CARBONATE ION (MG/L AS CO3)	03/27/79-07/29/80	1	3	
CANY0118	No	00445	CARBONATE ION (MG/L AS CO3)	03/27/79-03/16/82	2	7	
CANY0123	Yes	00445	CARBONATE ION (MG/L AS CO3)	08/30/90-12/09/99	9	17	
CANY0128	Yes	00445	CARBONATE ION (MG/L AS CO3)	05/26/91-04/24/93	1	4	
CANY0131	Yes	00445	CARBONATE ION (MG/L AS CO3)	03/05/70-03/05/70	0	1	
CANY0135	Yes	00445	CARBONATE ION (MG/L AS CO3)	08/30/90-05/16/92	1	4	
CANY0137	Yes	00445	CARBONATE ION (MG/L AS CO3)	04/08/70-04/08/70	0	1	
CANY0143	Yes	00445	CARBONATE ION (MG/L AS CO3)	04/07/70-04/07/70	0	1	
CANY0146	Yes	00445	CARBONATE ION (MG/L AS CO3)	10/23/90-10/23/90	0	1	

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**Station/Parameter Period of Record Tabulation
From 10/02/48 To 12/09/99**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
CANY0150	Yes	00445	CARBONATE ION (MG/L AS CO3)	10/23/90-05/01/92	1	4	
CANY0153	Yes	00445	CARBONATE ION (MG/L AS CO3)	01/11/84-08/04/99	15	57	T,S
CANY0154	Yes	00445	CARBONATE ION (MG/L AS CO3)	10/23/90-05/02/92	1	3	
CANY0156	Yes	00445	CARBONATE ION (MG/L AS CO3)	01/15/85-08/04/99	14	52	T
CANY0159	Yes	00445	CARBONATE ION (MG/L AS CO3)	08/30/90-05/16/92	1	4	
CANY0160	Yes	00445	CARBONATE ION (MG/L AS CO3)	05/20/69-05/20/69	0	1	
CANY0164	Yes	00445	CARBONATE ION (MG/L AS CO3)	10/23/77-10/23/77	0	1	
CANY0165	Yes	00445	CARBONATE ION (MG/L AS CO3)	10/04/93-12/09/99	6	17	
CANY0167	No	00445	CARBONATE ION (MG/L AS CO3)	03/27/80-03/27/80	0	1	
CANY0177	No	00445	CARBONATE ION (MG/L AS CO3)	08/07/74-08/07/74	0	1	
CANY0178	No	00445	CARBONATE ION (MG/L AS CO3)	10/26/90-10/26/90	0	1	
CANY0185	Yes	00445	CARBONATE ION (MG/L AS CO3)	04/07/70-04/07/70	0	1	
CANY0187	Yes	00445	CARBONATE ION (MG/L AS CO3)	10/25/90-09/19/99	8	22	
CANY0191	Yes	00445	CARBONATE ION (MG/L AS CO3)	10/25/90-05/04/92	1	4	
CANY0194	Yes	00445	CARBONATE ION (MG/L AS CO3)	10/25/90-09/19/99	8	21	
CANY0198	No	00445	CARBONATE ION (MG/L AS CO3)	10/26/90-02/28/99	8	2	
CANY0199	No	00445	CARBONATE ION (MG/L AS CO3)	07/29/80-07/29/80	0	1	
CANY0200	No	00445	CARBONATE ION (MG/L AS CO3)	05/15/57-09/03/69	12	2	
CANY0202	Yes	00445	CARBONATE ION (MG/L AS CO3)	05/14/91-05/14/91	0	1	
CANY0207	Yes	00445	CARBONATE ION (MG/L AS CO3)	10/25/90-05/03/92	1	4	
CANY0211	No	00445	CARBONATE ION (MG/L AS CO3)	05/22/57-05/22/57	0	1	
CANY0216	Yes	00445	CARBONATE ION (MG/L AS CO3)	09/09/97-09/09/97	0	1	
CANY0217	Yes	00445	CARBONATE ION (MG/L AS CO3)	04/16/91-08/20/97	6	26	
CANY0225	Yes	00445	CARBONATE ION (MG/L AS CO3)	10/22/77-10/22/77	0	1	
CANY0227	Yes	00445	CARBONATE ION (MG/L AS CO3)	01/15/85-08/06/98	13	44	T
CANY0236	No	00445	CARBONATE ION (MG/L AS CO3)	03/27/78-04/29/80	2	2	
CANY0237	No	00445	CARBONATE ION (MG/L AS CO3)	04/29/80-04/29/80	0	1	
CANY0239	Yes	00445	CARBONATE ION (MG/L AS CO3)	11/13/69-11/13/69	0	1	
CANY0240	Yes	00445	CARBONATE ION (MG/L AS CO3)	03/04/70-03/04/70	0	1	
CANY0244	No	00445	CARBONATE ION (MG/L AS CO3)	04/29/80-04/29/81	1	2	
CANY0249	Yes	00445	CARBONATE ION (MG/L AS CO3)	05/25/65-05/14/68	2	2	
CANY0250	Yes	00445	CARBONATE ION (MG/L AS CO3)	08/14/91-09/09/98	7	3	
CANY0260	Yes	00445	CARBONATE ION (MG/L AS CO3)	10/27/90-05/05/92	1	4	
CANY0264	Yes	00445	CARBONATE ION (MG/L AS CO3)	10/04/90-04/18/92	1	4	
CANY0265	Yes	00445	CARBONATE ION (MG/L AS CO3)	10/04/90-04/18/92	1	3	
CANY0266	Yes	00445	CARBONATE ION (MG/L AS CO3)	05/18/65-10/24/67	2	2	
CANY0271	Yes	00445	CARBONATE ION (MG/L AS CO3)	03/04/70-03/04/70	0	1	
CANY0273	Yes	00445	CARBONATE ION (MG/L AS CO3)	10/27/90-09/19/99	8	5	
CANY0275	Yes	00445	CARBONATE ION (MG/L AS CO3)	11/12/69-11/12/69	0	1	
CANY0276	No	00445	CARBONATE ION (MG/L AS CO3)	07/21/91-10/04/99	8	30	
CANY0277	No	00445	CARBONATE ION (MG/L AS CO3)	07/18/91-04/12/99	7	46	
CANY0278	Yes	00445	CARBONATE ION (MG/L AS CO3)	11/17/97-09/03/98	0	4	
CANY0279	Yes	00445	CARBONATE ION (MG/L AS CO3)	10/04/90-10/04/90	0	1	
CANY0282	No	00445	CARBONATE ION (MG/L AS CO3)	11/14/89-05/17/96	6	7	
CANY0284	No	00445	CARBONATE ION (MG/L AS CO3)	04/15/91-08/06/98	7	29	
CANY0287	No	00445	CARBONATE ION (MG/L AS CO3)	11/14/89-10/04/99	9	36	
CANY0288	No	00445	CARBONATE ION (MG/L AS CO3)	05/15/79-08/06/80	1	8	
CANY0290	No	00445	CARBONATE ION (MG/L AS CO3)	11/14/89-10/04/99	9	34	
CANY0291	No	00445	CARBONATE ION (MG/L AS CO3)	07/24/79-09/06/99	20	40	T,S
CANY0294	No	00445	CARBONATE ION (MG/L AS CO3)	10/03/91-05/14/92	0	2	
CANY0295	No	00445	CARBONATE ION (MG/L AS CO3)	09/03/92-09/05/99	7	3	
CANY0298	No	00445	CARBONATE ION (MG/L AS CO3)	06/01/89-09/04/99	10	3	
CANY0047	Yes	00480	SALINITY - PARTS PER THOUSAND	05/22/90-05/22/90	0	1	
CANY0060	Yes	00480	SALINITY - PARTS PER THOUSAND	05/17/90-05/17/90	0	1	
CANY0068	No	00480	SALINITY - PARTS PER THOUSAND	05/16/90-05/16/90	0	1	
CANY0092	Yes	00480	SALINITY - PARTS PER THOUSAND	05/20/90-05/20/90	0	1	
CANY0096	Yes	00480	SALINITY - PARTS PER THOUSAND	05/07/90-05/07/90	0	1	
CANY0098	Yes	00480	SALINITY - PARTS PER THOUSAND	05/07/90-05/07/90	0	1	
CANY0105	Yes	00480	SALINITY - PARTS PER THOUSAND	05/17/90-05/17/90	0	1	
CANY0108	Yes	00480	SALINITY - PARTS PER THOUSAND	05/20/90-05/20/90	0	1	
CANY0111	Yes	00480	SALINITY - PARTS PER THOUSAND	05/17/90-05/17/90	0	1	
CANY0130	Yes	00480	SALINITY - PARTS PER THOUSAND	05/18/90-05/18/90	0	1	
CANY0134	Yes	00480	SALINITY - PARTS PER THOUSAND	05/20/90-05/20/90	0	1	
CANY0144	Yes	00480	SALINITY - PARTS PER THOUSAND	05/10/90-05/10/90	0	1	
CANY0149	Yes	00480	SALINITY - PARTS PER THOUSAND	05/10/90-05/10/90	0	1	
CANY0158	Yes	00480	SALINITY - PARTS PER THOUSAND	05/22/90-05/22/90	0	1	
CANY0163	Yes	00480	SALINITY - PARTS PER THOUSAND	04/23/86-04/23/86	0	1	
CANY0186	Yes	00480	SALINITY - PARTS PER THOUSAND	05/11/90-05/11/90	0	1	
CANY0192	Yes	00480	SALINITY - PARTS PER THOUSAND	05/08/90-05/08/90	0	1	
CANY0193	Yes	00480	SALINITY - PARTS PER THOUSAND	05/11/90-05/11/90	0	1	
CANY0196	No	00480	SALINITY - PARTS PER THOUSAND	05/11/90-05/11/90	0	1	
CANY0203	Yes	00480	SALINITY - PARTS PER THOUSAND	05/08/90-05/08/90	0	1	

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Station/Parameter Period of Record Tabulation From 10/02/48 To 12/09/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
CANY0206	Yes	00480	SALINITY - PARTS PER THOUSAND	05/08/90-05/08/90	0	1	
CANY0251	Yes	00480	SALINITY - PARTS PER THOUSAND	03/23/90-03/23/90	0	1	
CANY0261	Yes	00480	SALINITY - PARTS PER THOUSAND	05/12/90-05/12/90	0	1	
CANY0262	Yes	00480	SALINITY - PARTS PER THOUSAND	03/22/90-03/22/90	0	1	
CANY0024	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/15/81-09/15/81	0	1	
CANY0029	Yes	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	04/28/84-04/28/84	0	1	
CANY0037	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	04/28/84-04/28/84	0	1	
CANY0050	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	04/23/84-04/23/84	0	1	
CANY0056	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	04/23/84-04/23/84	0	1	
CANY0072	Yes	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	04/27/84-04/27/84	0	1	
CANY0074	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	04/23/84-04/23/84	0	1	
CANY0077	Yes	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	04/28/84-04/28/84	0	1	
CANY0088	Yes	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	04/26/84-04/26/84	0	1	
CANY0118	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	03/27/80-04/24/84	4	6	
CANY0126	Yes	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	04/27/84-04/27/84	0	1	
CANY0127	Yes	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	04/27/84-04/27/84	0	1	
CANY0132	Yes	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	04/28/84-04/28/84	0	1	
CANY0151	Yes	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	04/27/84-04/27/84	0	1	
CANY0157	Yes	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	04/27/84-04/27/84	0	1	
CANY0161	Yes	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	04/24/84-04/24/84	0	1	
CANY0172	Yes	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	04/27/84-04/27/84	0	1	
CANY0213	Yes	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	04/26/84-04/26/84	0	1	
CANY0218	Yes	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	04/26/84-04/26/84	0	1	
CANY0003	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/17/86-09/17/86	0	1	
CANY0005	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/02/80-10/15/80	0	6	
CANY0006	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/12/80-06/12/80	0	1	
CANY0007	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/30/78-01/30/78	0	1	
CANY0010	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/12/80-06/15/82	2	2	
CANY0012	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/12/80-06/12/80	0	1	
CANY0013	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/12/80-06/12/80	0	1	
CANY0016	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/22/87-09/22/87	0	1	
CANY0018	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/12/80-06/12/80	0	1	
CANY0020	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/12/80-06/12/80	0	1	
CANY0021	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/06/93-11/30/99	6	11	
CANY0026	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/02/80-10/15/80	0	6	
CANY0028	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/06/93-11/30/99	6	11	
CANY0030	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/02/77-06/24/98	20	22	
CANY0038	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/02/77-03/21/78	0	2	
CANY0040	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/02/77-11/30/99	22	18	
CANY0044	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/24/91-05/15/92	0	3	
CANY0054	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/14/95-09/09/99	4	8	
CANY0057	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/12/90-08/05/99	9	13	
CANY0061	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/23/91-05/17/92	0	3	
CANY0063	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/14/95-09/09/99	4	10	
CANY0064	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/14/95-09/09/99	4	9	
CANY0069	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/26/91-05/18/92	0	3	
CANY0091	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/23/91-12/09/99	8	19	
CANY0097	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/24/90-04/30/92	1	4	
CANY0099	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/23/90-04/30/92	1	4	
CANY0109	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/23/91-05/16/92	0	3	
CANY0113	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/23/91-05/16/92	0	3	
CANY0117	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/27/80-03/16/82	1	4	
CANY0123	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/26/91-12/09/99	8	16	
CANY0128	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/26/91-04/24/93	1	4	
CANY0135	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/25/91-05/16/92	0	3	
CANY0146	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/23/90-10/23/90	0	1	
CANY0150	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/23/90-05/01/92	1	4	
CANY0153	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/21/83-08/04/99	16	58	T,S
CANY0154	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/23/90-05/02/92	1	3	
CANY0156	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/21/83-08/04/99	16	58	T,S
CANY0159	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/25/91-05/16/92	0	3	
CANY0165	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/04/93-12/09/99	6	17	
CANY0167	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/27/80-03/27/80	0	1	
CANY0174	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/21/78-03/21/78	0	1	
CANY0178	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/26/90-10/26/90	0	1	
CANY0187	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/25/90-09/19/99	8	22	
CANY0191	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/25/90-05/04/92	1	4	
CANY0194	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/25/90-09/19/99	8	21	
CANY0198	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/26/90-02/28/99	8	2	
CANY0199	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/22/78-03/25/81	3	5	
CANY0202	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/14/91-05/14/91	0	1	
CANY0207	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/25/90-05/03/92	1	4	

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

Station/Parameter Period of Record Tabulation **From 10/02/48 To 12/09/99**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
CANY0216	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/09/97-09/09/97	0	1	
CANY0217	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/16/91-08/20/97	6	26	
CANY0227	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/15/83-08/06/98	15	53	T,S
CANY0236	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/27/78-04/29/80	2	2	
CANY0237	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/27/78-04/29/80	2	2	
CANY0244	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/29/80-04/29/80	0	1	
CANY0250	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/14/91-09/09/98	7	3	
CANY0260	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/27/90-05/05/92	1	4	
CANY0264	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/02/91-04/18/92	0	3	
CANY0265	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/04/90-04/18/92	1	3	
CANY0273	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/27/90-09/19/99	8	5	
CANY0276	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/21/91-10/04/99	8	30	
CANY0277	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/18/91-04/12/99	7	46	
CANY0278	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/17/97-09/03/98	0	4	
CANY0279	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/04/90-10/04/90	0	1	
CANY0282	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/14/89-05/17/96	6	7	
CANY0284	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/15/91-08/06/98	7	29	
CANY0287	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/14/89-10/04/99	9	35	
CANY0288	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/23/77-01/27/81	3	18	
CANY0290	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/14/89-10/04/99	9	34	
CANY0291	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/14/77-09/06/99	22	55	T,S
CANY0294	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/03/91-05/14/92	0	2	
CANY0295	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/03/92-09/05/99	7	3	
CANY0297	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/14/77-09/19/77	0	4	
CANY0298	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/01/89-09/04/99	10	3	
CANY0005	No	00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	06/02/80-10/15/80	0	3	
CANY0026	No	00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	06/02/80-09/29/80	0	2	
CANY0029	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	04/28/84-04/28/84	0	1	
CANY0037	No	00600	NITROGEN, TOTAL (MG/L AS N)	04/28/84-04/28/84	0	1	
CANY0050	No	00600	NITROGEN, TOTAL (MG/L AS N)	04/23/84-04/23/84	0	1	
CANY0056	No	00600	NITROGEN, TOTAL (MG/L AS N)	04/23/84-04/23/84	0	1	
CANY0072	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	04/27/84-04/27/84	0	1	
CANY0074	No	00600	NITROGEN, TOTAL (MG/L AS N)	04/23/84-04/23/84	0	1	
CANY0077	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	04/28/84-04/28/84	0	1	
CANY0088	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	04/26/84-04/26/84	0	1	
CANY0118	No	00600	NITROGEN, TOTAL (MG/L AS N)	04/24/84-04/24/84	0	1	
CANY0126	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	04/27/84-04/27/84	0	1	
CANY0127	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	04/27/84-04/27/84	0	1	
CANY0132	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	04/28/84-04/28/84	0	1	
CANY0151	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	04/27/84-04/27/84	0	1	
CANY0157	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	04/27/84-04/27/84	0	1	
CANY0161	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	04/24/84-04/24/84	0	1	
CANY0172	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	04/27/84-04/27/84	0	1	
CANY0213	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	04/26/84-04/26/84	0	1	
CANY0218	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	04/26/84-04/26/84	0	1	
CANY0010	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/12/80-06/15/82	2	2	
CANY0013	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/09/79-08/09/79	0	1	
CANY0018	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/09/79-08/09/79	0	1	
CANY0020	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/12/80-06/12/80	0	1	
CANY0021	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/06/93-06/29/99	5	9	
CANY0028	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/06/93-06/28/99	5	9	
CANY0029	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/28/84-04/28/84	0	1	
CANY0030	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/02/77-06/24/98	20	20	
CANY0037	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/28/84-04/28/84	0	1	
CANY0040	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/27/79-06/29/99	20	14	
CANY0044	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/02/90-05/15/92	1	4	
CANY0050	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/23/84-04/23/84	0	1	
CANY0054	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/14/95-05/10/99	3	7	
CANY0056	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/23/84-04/23/84	0	1	
CANY0057	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/12/90-09/28/98	8	11	
CANY0061	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/23/90-05/17/92	1	4	
CANY0063	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/14/95-05/10/99	3	9	
CANY0064	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/14/95-05/10/99	3	8	
CANY0069	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/21/90-05/18/92	1	4	
CANY0072	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/27/84-04/27/84	0	1	
CANY0074	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/23/84-04/23/84	0	1	
CANY0077	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/28/84-04/28/84	0	1	
CANY0088	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/26/84-04/26/84	0	1	
CANY0091	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/23/90-05/07/99	8	18	
CANY0097	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/24/90-04/30/92	1	4	
CANY0099	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/23/90-04/30/92	1	4	
CANY0107	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/23/90-09/23/90	0	1	

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

Station/Parameter Period of Record Tabulation **From 10/02/48 To 12/09/99**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
CANY0109	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/21/90-05/16/92	1	4	
CANY0113	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/23/91-05/16/92	0	3	
CANY0117	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/27/79-03/16/82	2	6	
CANY0118	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/27/79-04/24/84	5	7	
CANY0123	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/30/90-05/07/99	8	15	
CANY0126	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/27/84-04/27/84	0	1	
CANY0127	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/27/84-04/27/84	0	1	
CANY0128	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/26/91-04/24/93	1	4	
CANY0132	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/28/84-04/28/84	0	1	
CANY0135	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/30/90-05/16/92	1	4	
CANY0146	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/23/90-10/23/90	0	1	
CANY0150	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/23/90-05/01/92	1	4	
CANY0151	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/27/84-04/27/84	0	1	
CANY0153	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/04/83-05/29/99	16	61	T,S
CANY0154	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/23/90-05/02/92	1	3	
CANY0156	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/04/83-05/29/99	16	56	T,S
CANY0157	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/27/84-04/27/84	0	1	
CANY0159	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/30/90-05/16/92	1	4	
CANY0161	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/24/84-04/24/84	0	1	
CANY0165	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/04/93-05/07/99	5	15	
CANY0167	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/27/80-03/27/80	0	1	
CANY0172	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/27/84-04/27/84	0	1	
CANY0177	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/07/74-08/07/74	0	1	
CANY0178	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/26/90-10/26/90	0	1	
CANY0187	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/25/90-05/23/99	8	21	
CANY0191	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/25/90-05/04/92	1	4	
CANY0194	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/25/90-05/23/99	8	20	
CANY0198	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/26/90-02/28/99	8	2	
CANY0199	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/22/78-03/25/81	3	5	
CANY0202	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/25/90-05/14/91	0	2	
CANY0207	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/25/90-05/03/92	1	4	
CANY0213	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/26/84-04/26/84	0	1	
CANY0216	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/09/97-09/09/97	0	1	
CANY0217	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/16/91-08/20/97	6	26	
CANY0218	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/26/84-04/26/84	0	1	
CANY0227	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/15/83-08/06/98	15	53	T,S
CANY0236	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/29/80-04/29/81	1	2	
CANY0237	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/29/80-04/29/81	1	2	
CANY0242	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/28/87-07/28/87	0	1	
CANY0244	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/29/80-04/29/81	1	2	
CANY0250	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/14/91-09/09/98	7	3	
CANY0260	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/27/90-05/05/92	1	4	
CANY0264	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/04/90-04/18/92	1	4	
CANY0265	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/04/90-04/18/92	1	3	
CANY0273	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/27/90-05/24/99	8	4	
CANY0277	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/18/91-08/06/98	7	21	
CANY0278	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/17/97-09/03/98	0	4	
CANY0279	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/04/90-10/04/90	0	1	
CANY0282	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/20/94-05/17/96	1	4	
CANY0284	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/15/91-08/06/98	7	29	
CANY0288	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/23/77-01/27/81	3	21	
CANY0290	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/07/92-01/07/92	0	1	
CANY0291	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/14/77-06/03/99	21	55	T,S
CANY0294	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/03/91-05/14/92	0	2	
CANY0295	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/03/92-09/30/93	1	2	
CANY0297	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/14/77-07/19/77	0	2	
CANY0298	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/01/89-05/12/92	2	2	
CANY0044	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/02/90-10/02/90	0	1	
CANY0061	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/23/90-09/23/90	0	1	
CANY0069	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/21/90-09/21/90	0	1	
CANY0091	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/23/90-09/23/90	0	1	
CANY0097	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/24/90-10/24/90	0	1	
CANY0099	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/23/90-10/23/90	0	1	
CANY0107	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/23/90-09/23/90	0	1	
CANY0109	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/21/90-09/21/90	0	1	
CANY0146	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/23/90-10/23/90	0	1	
CANY0150	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/23/90-10/23/90	0	1	
CANY0154	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/23/90-10/23/90	0	1	
CANY0187	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/25/90-10/25/90	0	1	
CANY0191	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/25/90-10/25/90	0	1	
CANY0194	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/25/90-10/25/90	0	1	
CANY0198	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/26/90-10/26/90	0	1	

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

Station/Parameter Period of Record Tabulation From 10/02/48 To 12/09/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
CANY0202	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/25/90-10/25/90	0	1	
CANY0207	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/25/90-10/25/90	0	1	
CANY0260	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/27/90-10/27/90	0	1	
CANY0264	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/04/90-10/04/90	0	1	
CANY0273	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/27/90-10/27/90	0	1	
CANY0003	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/17/86-09/17/86	0	1	
CANY0006	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/09/79-06/12/80	0	2	
CANY0010	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/12/80-06/12/80	0	1	
CANY0012	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/09/79-06/12/80	0	2	
CANY0013	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/09/79-06/12/80	0	2	
CANY0018	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/09/79-06/12/80	0	2	
CANY0020	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/12/80-06/12/80	0	1	
CANY0029	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/28/84-04/28/84	0	1	
CANY0030	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/02/77-09/17/86	9	9	
CANY0037	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/28/84-04/28/84	0	1	
CANY0038	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/02/77-03/21/78	0	2	
CANY0040	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/02/77-06/12/86	8	7	
CANY0050	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/23/84-04/23/84	0	1	
CANY0056	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/23/84-04/23/84	0	1	
CANY0057	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/12/90-07/12/90	0	1	
CANY0072	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/27/84-04/27/84	0	1	
CANY0074	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/23/84-04/23/84	0	1	
CANY0077	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/28/84-04/28/84	0	1	
CANY0088	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/26/84-04/26/84	0	1	
CANY0117	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/27/79-03/25/81	1	5	
CANY0118	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/27/79-04/24/84	5	6	
CANY0126	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/27/84-04/27/84	0	1	
CANY0127	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/27/84-04/27/84	0	1	
CANY0132	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/28/84-04/28/84	0	1	
CANY0151	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/27/84-04/27/84	0	1	
CANY0153	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/04/83-07/10/90	7	23	
CANY0156	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/04/83-07/10/90	7	20	
CANY0157	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/27/84-04/27/84	0	1	
CANY0161	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/24/84-04/24/84	0	1	
CANY0167	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/27/80-03/27/80	0	1	
CANY0172	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/27/84-04/27/84	0	1	
CANY0174	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/21/78-03/21/78	0	1	
CANY0177	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/07/74-08/07/74	0	1	
CANY0178	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/26/90-10/26/90	0	1	
CANY0199	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/22/78-03/25/81	3	5	
CANY0213	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/26/84-04/26/84	0	1	
CANY0218	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/26/84-04/26/84	0	1	
CANY0227	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/20/84-07/09/90	6	19	
CANY0236	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/27/78-04/29/81	3	3	
CANY0237	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/27/78-04/29/81	3	3	
CANY0242	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/28/87-07/28/87	0	1	
CANY0244	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/29/80-04/29/81	1	2	
CANY0288	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/23/77-01/27/81	3	20	
CANY0291	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/20/78-04/05/89	11	31	
CANY0298	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/01/89-06/01/89	0	1	
CANY0035	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/02/48-10/02/48	0	1	
CANY0044	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/02/90-10/02/90	0	1	
CANY0052	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	07/01/68-07/01/68	0	1	
CANY0061	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/23/90-09/23/90	0	1	
CANY0069	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/21/90-09/21/90	0	1	
CANY0078	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	05/20/69-05/20/69	0	1	
CANY0080	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	05/02/68-05/02/68	0	1	
CANY0084	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	12/02/70-12/02/70	0	1	
CANY0091	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/23/90-09/23/90	0	1	
CANY0097	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/24/90-10/24/90	0	1	
CANY0099	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/23/90-10/23/90	0	1	
CANY0107	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/23/90-09/23/90	0	1	
CANY0109	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/21/90-09/21/90	0	1	
CANY0131	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	03/05/70-03/05/70	0	1	
CANY0133	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	04/08/70-04/08/70	0	1	
CANY0137	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	04/08/70-04/08/70	0	1	
CANY0143	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	04/07/70-04/07/70	0	1	
CANY0146	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/23/90-10/23/90	0	1	
CANY0150	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/23/90-10/23/90	0	1	
CANY0154	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/23/90-10/23/90	0	1	
CANY0185	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	04/07/70-04/07/70	0	1	
CANY0187	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/25/90-10/25/90	0	1	

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

Station/Parameter Period of Record Tabulation From 10/02/48 To 12/09/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
CANY0191	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/25/90-10/25/90	0	1	
CANY0194	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/25/90-10/25/90	0	1	
CANY0198	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/26/90-10/26/90	0	1	
CANY0200	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	05/15/57-05/15/57	0	1	
CANY0202	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/25/90-10/25/90	0	1	
CANY0207	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/25/90-10/25/90	0	1	
CANY0211	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	05/22/57-05/22/57	0	1	
CANY0229	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/21/77-08/21/77	0	1	
CANY0231	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/21/77-08/21/77	0	1	
CANY0235	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/21/77-08/21/77	0	1	
CANY0249	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	05/25/65-05/14/68	2	2	
CANY0260	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/27/90-10/27/90	0	1	
CANY0264	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/04/90-10/04/90	0	1	
CANY0266	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	05/18/65-10/24/67	2	2	
CANY0271	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	03/04/70-03/04/70	0	1	
CANY0272	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	07/01/77-07/01/77	0	1	
CANY0273	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/27/90-10/27/90	0	1	
CANY0275	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	11/12/69-11/12/69	0	1	
CANY0289	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/22/77-08/22/77	0	1	
CANY0003	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/17/86-09/17/86	0	1	
CANY0005	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/02/80-10/15/80	0	6	
CANY0006	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/09/79-06/12/80	0	2	
CANY0007	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/20/77-01/30/78	0	2	
CANY0010	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/12/80-06/12/80	0	1	
CANY0012	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/09/79-06/12/80	0	2	
CANY0013	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/09/79-06/12/80	0	2	
CANY0018	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/09/79-06/12/80	0	2	
CANY0020	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/12/80-06/12/80	0	1	
CANY0026	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/02/80-10/15/80	0	6	
CANY0029	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/28/84-04/28/84	0	1	
CANY0030	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/21/78-09/17/86	8	8	
CANY0037	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/28/84-04/28/84	0	1	
CANY0038	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/02/77-03/21/78	0	2	
CANY0040	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/02/77-06/12/86	8	7	
CANY0041	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/18/80-11/12/80	0	2	
CANY0046	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/24/83-08/24/83	0	1	
CANY0047	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/08/85-05/22/90	5	7	
CANY0049	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/24/83-08/24/83	0	1	
CANY0050	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/23/84-04/23/84	0	1	
CANY0056	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/23/84-04/23/84	0	1	
CANY0057	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/12/90-07/12/90	0	1	
CANY0060	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	02/13/85-05/17/90	5	9	
CANY0062	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/24/83-08/24/83	0	1	
CANY0065	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/24/83-08/24/83	0	1	
CANY0068	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	02/12/85-05/16/90	5	7	
CANY0070	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/24/83-08/24/83	0	1	
CANY0072	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/27/84-04/27/84	0	1	
CANY0074	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/23/84-04/23/84	0	1	
CANY0077	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/28/84-04/28/84	0	1	
CANY0087	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/24/85-07/14/87	2	3	
CANY0088	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/26/84-04/26/84	0	1	
CANY0092	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/10/87-05/20/90	2	6	
CANY0096	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/16/84-05/07/90	5	10	
CANY0098	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/16/84-05/07/90	5	10	
CANY0104	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	02/14/85-05/09/85	0	2	
CANY0105	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/28/85-05/17/90	4	7	
CANY0108	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	02/13/85-05/20/90	5	9	
CANY0111	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	02/12/85-05/17/90	5	9	
CANY0112	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/24/83-08/24/83	0	1	
CANY0117	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/27/79-03/25/81	1	5	
CANY0118	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/27/79-04/24/84	5	6	
CANY0124	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	02/12/85-05/18/90	5	10	
CANY0125	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/24/83-08/24/83	0	1	
CANY0126	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/27/84-04/27/84	0	1	
CANY0127	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/27/84-04/27/84	0	1	
CANY0129	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/24/83-08/24/83	0	1	
CANY0130	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	02/14/85-05/18/90	5	8	
CANY0132	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/28/84-04/28/84	0	1	
CANY0134	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	02/14/85-05/20/90	5	9	
CANY0136	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/24/83-08/24/83	0	1	
CANY0144	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/14/84-05/10/90	5	12	
CANY0147	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/15/84-10/06/89	4	11	

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

Station/Parameter Period of Record Tabulation From 10/02/48 To 12/09/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
CANY0149	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/15/84-05/10/90	5	10	
CANY0151	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/27/84-04/27/84	0	1	
CANY0153	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/04/83-07/10/90	7	23	
CANY0155	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/01/83-09/01/83	0	1	
CANY0156	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/04/83-07/10/90	7	20	
CANY0157	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/27/84-04/27/84	0	1	
CANY0158	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	02/11/85-05/22/90	5	8	
CANY0161	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/24/84-04/24/84	0	1	
CANY0162	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/01/83-09/01/83	0	1	
CANY0163	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/10/85-07/11/87	2	2	
CANY0167	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/27/80-03/27/80	0	1	
CANY0172	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/27/84-04/27/84	0	1	
CANY0174	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/21/78-03/21/78	0	1	
CANY0175	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/30/84-10/08/89	5	7	
CANY0177	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/07/74-08/07/74	0	1	
CANY0178	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/18/80-10/26/90	10	3	
CANY0186	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/04/85-05/11/90	4	9	
CANY0192	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/01/84-05/08/90	5	11	
CANY0193	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/02/84-05/11/90	5	11	
CANY0196	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/03/84-05/11/90	5	7	
CANY0198	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	11/12/80-04/24/81	0	2	
CANY0199	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/22/78-03/25/81	3	5	
CANY0203	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/06/85-05/08/90	4	8	
CANY0206	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/01/84-05/08/90	5	9	
CANY0208	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	11/14/80-04/24/81	0	2	
CANY0209	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	11/13/80-04/24/81	0	2	
CANY0210	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	11/13/80-04/24/81	0	2	
CANY0213	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/26/84-04/26/84	0	1	
CANY0215	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/08/87-04/08/87	0	1	
CANY0218	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/26/84-04/26/84	0	1	
CANY0224	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	11/14/80-04/24/81	0	2	
CANY0226	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/01/83-09/01/83	0	1	
CANY0227	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/20/84-07/09/90	6	19	
CANY0228	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/01/83-09/01/83	0	1	
CANY0232	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/11/84-09/12/89	5	11	
CANY0234	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/29/83-08/29/83	0	1	
CANY0236	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/27/78-04/29/81	3	3	
CANY0237	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/27/78-04/29/81	3	3	
CANY0241	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	11/14/80-04/24/81	0	2	
CANY0242	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/28/87-07/28/87	0	1	
CANY0244	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/29/80-04/29/81	1	2	
CANY0248	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	11/14/80-11/14/80	0	1	
CANY0251	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	10/29/84-03/23/90	5	12	
CANY0255	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	11/14/80-04/24/81	0	2	
CANY0261	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/27/84-05/12/90	5	8	
CANY0262	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/22/84-03/22/90	5	11	
CANY0263	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/29/83-08/29/83	0	1	
CANY0267	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/22/84-03/22/90	5	7	
CANY0268	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/29/83-08/29/83	0	1	
CANY0270	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/24/81-04/24/81	0	1	
CANY0274	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/10/85-05/11/90	4	6	
CANY0280	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/11/84-03/28/90	5	9	
CANY0281	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/29/83-08/29/83	0	1	
CANY0283	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/17/80-11/14/80	0	2	
CANY0288	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/23/77-01/27/81	3	28	
CANY0291	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/14/77-04/05/89	11	42	T
CANY0297	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/14/77-09/19/77	0	4	
CANY0298	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/01/89-06/01/89	0	1	
CANY0007	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/30/78-01/30/78	0	1	
CANY0010	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/12/80-06/15/82	2	2	
CANY0013	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/09/79-08/09/79	0	1	
CANY0018	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/09/79-08/09/79	0	1	
CANY0020	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/12/80-06/12/80	0	1	
CANY0021	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/06/93-03/26/97	3	5	
CANY0028	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/06/93-03/26/97	3	5	
CANY0030	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/02/77-06/12/86	8	9	
CANY0038	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/02/77-03/21/78	0	2	
CANY0040	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/02/77-03/26/97	19	11	
CANY0044	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/02/90-05/15/92	1	4	
CANY0054	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/14/95-04/28/97	1	3	
CANY0057	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/12/90-10/02/95	5	8	
CANY0061	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/23/90-05/17/92	1	4	

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

Station/Parameter Period of Record Tabulation **From 10/02/48 To 12/09/99**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
CANY0063	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/14/95-04/28/97	1	3	
CANY0064	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/14/95-04/28/97	1	2	
CANY0069	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/21/90-05/18/92	1	4	
CANY0091	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/23/90-04/27/97	6	11	
CANY0097	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/24/90-04/30/92	1	4	
CANY0099	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/23/90-04/30/92	1	4	
CANY0107	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/23/90-09/23/90	0	1	
CANY0109	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/21/90-05/16/92	1	4	
CANY0113	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/23/91-05/16/92	0	3	
CANY0117	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/27/79-03/16/82	2	6	
CANY0118	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/27/79-03/16/82	2	6	
CANY0123	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/30/90-04/27/97	6	8	
CANY0128	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/26/91-04/24/93	1	4	
CANY0135	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/30/90-05/16/92	1	4	
CANY0146	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/23/90-10/23/90	0	1	
CANY0150	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/23/90-05/01/92	1	4	
CANY0153	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/04/83-05/09/97	14	50	T
CANY0154	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/23/90-05/02/92	1	3	
CANY0156	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/04/83-05/09/97	14	46	T
CANY0159	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/30/90-05/16/92	1	4	
CANY0165	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/04/93-04/27/97	3	8	
CANY0167	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/27/80-03/27/80	0	1	
CANY0174	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/21/78-03/21/78	0	1	
CANY0178	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/26/90-10/26/90	0	1	
CANY0187	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/25/90-05/25/97	6	13	
CANY0191	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/25/90-05/04/92	1	4	
CANY0194	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/25/90-05/25/97	6	12	
CANY0198	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/26/90-10/26/90	0	1	
CANY0199	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/22/78-03/25/81	3	5	
CANY0202	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/25/90-05/14/91	0	2	
CANY0207	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/25/90-05/03/92	1	4	
CANY0217	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/16/91-05/09/97	6	20	
CANY0227	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/15/83-05/09/97	13	46	T
CANY0236	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/29/80-04/29/81	1	2	
CANY0237	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/29/80-04/29/81	1	2	
CANY0242	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/28/87-07/28/87	0	1	
CANY0244	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/29/80-04/29/81	1	2	
CANY0250	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/14/91-09/24/94	3	2	
CANY0260	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/27/90-05/05/92	1	4	
CANY0264	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/04/90-04/18/92	1	4	
CANY0265	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/04/90-04/18/92	1	3	
CANY0273	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/27/90-10/27/90	0	1	
CANY0277	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/18/91-05/06/97	5	14	
CANY0279	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/04/90-10/04/90	0	1	
CANY0282	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/20/94-05/17/96	1	4	
CANY0284	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/15/91-05/06/97	6	21	
CANY0288	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/23/77-01/27/81	3	23	
CANY0291	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/19/77-09/30/95	18	55	T,S
CANY0294	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/03/91-05/14/92	0	2	
CANY0295	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/03/92-09/30/93	1	2	
CANY0297	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/19/77-09/19/77	0	3	
CANY0298	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/01/89-05/12/92	2	2	
CANY0010	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/12/80-06/15/82	2	2	
CANY0013	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/09/79-08/09/79	0	1	
CANY0018	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/09/79-08/09/79	0	1	
CANY0020	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/12/80-06/12/80	0	1	
CANY0021	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/19/99-11/30/99	0	2	
CANY0028	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/19/99-11/30/99	0	2	
CANY0030	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/27/79-09/18/97	18	7	
CANY0040	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/27/79-11/30/99	20	6	
CANY0044	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/16/91-09/16/91	0	1	
CANY0054	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/09/99-09/09/99	0	1	
CANY0057	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/05/99-08/05/99	0	1	
CANY0063	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/09/99-09/09/99	0	1	
CANY0064	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/09/99-09/09/99	0	1	
CANY0091	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/24/93-12/09/99	6	4	
CANY0097	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/26/91-09/26/91	0	1	
CANY0099	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/26/91-09/26/91	0	1	
CANY0113	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/16/92-05/16/92	0	1	
CANY0117	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/27/79-03/16/82	2	6	
CANY0123	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/17/99-12/09/99	0	2	
CANY0128	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/24/93-04/24/93	0	1	

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

Station/Parameter Period of Record Tabulation From 10/02/48 To 12/09/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
CANY0150	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/27/91-09/27/91	0	1	
CANY0153	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/04/83-08/04/99	16	8	
CANY0156	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/04/83-08/04/99	16	7	
CANY0165	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/17/99-12/09/99	0	2	
CANY0167	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/27/80-03/27/80	0	1	
CANY0187	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/25/91-09/19/99	7	3	
CANY0191	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/25/91-09/25/91	0	1	
CANY0194	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/25/91-09/19/99	7	3	
CANY0199	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/27/79-03/25/81	1	4	
CANY0207	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/27/91-09/27/91	0	1	
CANY0217	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/16/96-08/21/96	0	2	
CANY0227	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/15/83-08/21/96	13	7	
CANY0236	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/29/80-04/29/81	1	2	
CANY0237	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/29/80-04/29/81	1	2	
CANY0244	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/29/80-04/29/81	1	2	
CANY0260	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/23/91-09/23/91	0	1	
CANY0273	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/19/99-09/19/99	0	1	
CANY0277	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/16/96-08/21/96	0	2	
CANY0284	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/16/96-08/21/96	0	2	
CANY0288	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/18/79-01/27/81	1	14	
CANY0291	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/24/79-09/06/99	20	11	
CANY0294	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/03/91-10/03/91	0	1	
CANY0295	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/05/99-09/05/99	0	1	
CANY0298	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/04/99-09/04/99	0	1	
CANY0021	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/06/93-06/29/99	5	9	
CANY0024	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/29/76-06/29/76	0	1	
CANY0028	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/06/93-06/28/99	5	9	
CANY0030	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/31/97-06/24/98	0	11	
CANY0036	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	03/24/77-03/24/77	0	1	
CANY0040	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/06/93-06/29/99	5	9	
CANY0044	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/24/91-05/15/92	0	3	
CANY0054	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/14/95-05/10/99	3	7	
CANY0057	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/02/93-09/28/98	5	10	
CANY0061	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/23/91-05/17/92	0	3	
CANY0063	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/14/95-05/10/99	3	9	
CANY0064	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/14/95-05/10/99	3	8	
CANY0069	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/26/91-05/18/92	0	3	
CANY0091	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/23/91-05/07/99	7	15	
CANY0097	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/13/91-04/30/92	0	3	
CANY0099	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/13/91-04/30/92	0	3	
CANY0109	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/23/91-05/16/92	0	3	
CANY0113	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/23/91-08/28/91	0	2	
CANY0118	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	03/27/79-03/16/82	2	6	
CANY0120	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/29/84-07/21/86	2	6	
CANY0121	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	03/18/83-09/18/84	1	13	
CANY0123	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/30/90-05/07/99	8	15	
CANY0128	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/26/91-05/16/92	0	3	
CANY0135	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/30/90-05/16/92	1	4	
CANY0150	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/13/91-05/01/92	0	3	
CANY0153	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/17/91-06/16/99	8	32	
CANY0154	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/12/91-05/02/92	0	2	
CANY0156	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/17/91-06/16/99	8	32	
CANY0159	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/30/90-05/16/92	1	4	
CANY0165	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/04/93-05/07/99	5	15	
CANY0176	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/12/83-04/12/83	0	1	
CANY0183	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/12/83-04/12/83	0	1	
CANY0187	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/12/91-05/23/99	8	19	
CANY0188	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/12/83-04/12/83	0	1	
CANY0191	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/13/91-05/04/92	0	3	
CANY0194	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/12/91-05/23/99	8	18	
CANY0198	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	02/28/99-02/28/99	0	1	
CANY0202	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/14/91-05/14/91	0	1	
CANY0207	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/14/91-05/03/92	0	3	
CANY0216	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/09/97-09/09/97	0	1	
CANY0217	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/16/91-08/20/97	6	23	
CANY0227	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/16/91-08/06/98	7	25	
CANY0238	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/14/88-03/02/89	0	5	
CANY0245	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/14/88-05/01/89	1	6	
CANY0246	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/14/88-05/01/89	1	5	
CANY0247	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/14/88-05/01/89	1	5	
CANY0250	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/14/91-09/09/98	7	3	
CANY0260	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/14/91-05/05/92	0	3	

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Station/Parameter Period of Record Tabulation From 10/02/48 To 12/09/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
CANY0264	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/02/91-04/18/92	0	3	
CANY0265	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/04/90-04/18/92	1	3	
CANY0273	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	12/01/98-05/24/99	0	3	
CANY0277	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/18/91-08/06/98	7	19	
CANY0278	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	11/17/97-09/03/98	0	4	
CANY0279	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/04/90-10/04/90	0	1	
CANY0282	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/20/94-05/17/96	1	3	
CANY0284	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/15/91-08/06/98	7	26	
CANY0291	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/16/91-06/03/99	7	16	
CANY0294	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/14/92-05/14/92	0	1	
CANY0295	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/03/92-09/30/93	1	2	
CANY0298	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/12/92-05/12/92	0	1	
CANY0052	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	07/01/68-07/01/68	0	1	
CANY0160	Yes	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	05/20/69-05/20/69	0	1	
CANY0047	Yes	00655	PHOSPHATE, POLY (MG/L AS PO4)	05/08/85-05/22/90	5	8	
CANY0060	Yes	00655	PHOSPHATE, POLY (MG/L AS PO4)	02/13/85-05/17/90	5	10	
CANY0068	No	00655	PHOSPHATE, POLY (MG/L AS PO4)	02/12/85-05/16/90	5	8	
CANY0087	Yes	00655	PHOSPHATE, POLY (MG/L AS PO4)	04/24/85-04/07/88	2	4	
CANY0092	Yes	00655	PHOSPHATE, POLY (MG/L AS PO4)	05/22/86-05/20/90	3	7	
CANY0096	Yes	00655	PHOSPHATE, POLY (MG/L AS PO4)	10/16/84-05/07/90	5	11	
CANY0098	Yes	00655	PHOSPHATE, POLY (MG/L AS PO4)	10/16/84-05/07/90	5	11	
CANY0104	Yes	00655	PHOSPHATE, POLY (MG/L AS PO4)	02/14/85-05/20/88	3	4	
CANY0105	Yes	00655	PHOSPHATE, POLY (MG/L AS PO4)	08/28/85-05/17/90	4	8	
CANY0108	Yes	00655	PHOSPHATE, POLY (MG/L AS PO4)	02/13/85-05/20/90	5	10	
CANY0111	Yes	00655	PHOSPHATE, POLY (MG/L AS PO4)	02/12/85-05/17/90	5	10	
CANY0124	Yes	00655	PHOSPHATE, POLY (MG/L AS PO4)	02/12/85-05/18/90	5	11	
CANY0130	Yes	00655	PHOSPHATE, POLY (MG/L AS PO4)	02/14/85-05/18/90	5	8	
CANY0134	Yes	00655	PHOSPHATE, POLY (MG/L AS PO4)	02/14/85-05/20/90	5	10	
CANY0144	Yes	00655	PHOSPHATE, POLY (MG/L AS PO4)	10/14/84-05/10/90	5	12	
CANY0147	Yes	00655	PHOSPHATE, POLY (MG/L AS PO4)	10/15/84-10/06/89	4	11	
CANY0149	Yes	00655	PHOSPHATE, POLY (MG/L AS PO4)	10/15/84-05/10/90	5	10	
CANY0158	Yes	00655	PHOSPHATE, POLY (MG/L AS PO4)	02/11/85-05/22/90	5	10	
CANY0163	Yes	00655	PHOSPHATE, POLY (MG/L AS PO4)	07/10/85-04/06/88	2	3	
CANY0175	No	00655	PHOSPHATE, POLY (MG/L AS PO4)	09/30/84-10/08/89	5	9	
CANY0186	Yes	00655	PHOSPHATE, POLY (MG/L AS PO4)	06/04/85-05/11/90	4	9	
CANY0192	Yes	00655	PHOSPHATE, POLY (MG/L AS PO4)	10/01/84-05/08/90	5	11	
CANY0193	Yes	00655	PHOSPHATE, POLY (MG/L AS PO4)	10/02/84-05/11/90	5	11	
CANY0196	No	00655	PHOSPHATE, POLY (MG/L AS PO4)	10/03/84-05/11/90	5	7	
CANY0203	Yes	00655	PHOSPHATE, POLY (MG/L AS PO4)	06/06/85-05/08/90	4	8	
CANY0206	Yes	00655	PHOSPHATE, POLY (MG/L AS PO4)	10/01/84-05/08/90	5	9	
CANY0215	Yes	00655	PHOSPHATE, POLY (MG/L AS PO4)	04/08/87-04/08/87	0	1	
CANY0232	Yes	00655	PHOSPHATE, POLY (MG/L AS PO4)	09/11/84-09/12/89	5	11	
CANY0251	Yes	00655	PHOSPHATE, POLY (MG/L AS PO4)	10/29/84-03/23/90	5	12	
CANY0261	Yes	00655	PHOSPHATE, POLY (MG/L AS PO4)	09/27/84-05/12/90	5	9	
CANY0262	Yes	00655	PHOSPHATE, POLY (MG/L AS PO4)	09/22/84-03/22/90	5	11	
CANY0267	Yes	00655	PHOSPHATE, POLY (MG/L AS PO4)	09/22/84-03/22/90	5	7	
CANY0274	Yes	00655	PHOSPHATE, POLY (MG/L AS PO4)	07/10/85-05/11/90	4	7	
CANY0280	Yes	00655	PHOSPHATE, POLY (MG/L AS PO4)	09/11/84-03/28/90	5	9	
CANY0005	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/02/80-10/15/80	0	6	
CANY0026	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/02/80-10/15/80	0	6	
CANY0065	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/24/83-08/24/83	0	1	
CANY0112	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/24/83-08/24/83	0	1	
CANY0125	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/24/83-08/24/83	0	1	
CANY0136	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/24/83-08/24/83	0	1	
CANY0155	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	09/01/83-09/01/83	0	1	
CANY0162	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	09/01/83-09/01/83	0	1	
CANY0214	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/24/83-08/24/83	0	1	
CANY0228	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	09/01/83-09/01/83	0	1	
CANY0234	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/29/83-08/29/83	0	1	
CANY0281	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/29/83-08/29/83	0	1	
CANY0010	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/12/80-06/15/82	2	2	
CANY0013	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/09/79-08/09/79	0	1	
CANY0018	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/09/79-08/09/79	0	1	
CANY0020	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/12/80-06/12/80	0	1	
CANY0021	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/06/93-11/30/99	6	10	
CANY0024	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/29/76-06/29/76	0	1	
CANY0028	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/06/93-11/30/99	6	10	
CANY0029	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/28/84-04/28/84	0	1	
CANY0030	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/27/79-06/24/98	19	13	
CANY0036	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/24/77-03/24/77	0	1	
CANY0037	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/28/84-04/28/84	0	1	
CANY0040	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/27/79-11/30/99	20	15	

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

Station/Parameter Period of Record Tabulation
From 10/02/48 To 12/09/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
CANY0041	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/18/80-11/12/80	0	2	
CANY0044	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/02/90-05/15/92	1	4	
CANY0050	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/23/84-04/23/84	0	1	
CANY0054	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/14/95-09/09/99	4	6	
CANY0056	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/23/84-04/23/84	0	1	
CANY0057	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/12/90-08/05/99	9	12	
CANY0061	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/23/90-05/17/92	1	4	
CANY0063	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/14/95-09/09/99	4	8	
CANY0064	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/14/95-09/09/99	4	7	
CANY0066	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/22/83-08/22/83	0	1	
CANY0069	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/21/90-05/18/92	1	4	
CANY0072	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/27/84-04/27/84	0	1	
CANY0074	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/23/84-04/23/84	0	1	
CANY0077	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/28/84-04/28/84	0	1	
CANY0088	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/26/84-04/26/84	0	1	
CANY0091	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/23/90-12/09/99	9	19	
CANY0097	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/24/90-04/30/92	1	4	
CANY0099	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/23/90-04/30/92	1	4	
CANY0107	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/23/90-09/23/90	0	1	
CANY0109	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/21/90-05/16/92	1	4	
CANY0113	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/23/91-05/16/92	0	3	
CANY0117	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/27/79-03/16/82	2	6	
CANY0118	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/27/79-04/24/84	5	7	
CANY0123	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/30/90-12/09/99	9	17	
CANY0126	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/27/84-04/27/84	0	1	
CANY0127	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/27/84-04/27/84	0	1	
CANY0128	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/26/91-04/24/93	1	4	
CANY0132	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/28/84-04/28/84	0	1	
CANY0135	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/30/90-05/16/92	1	4	
CANY0146	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/23/90-10/23/90	0	1	
CANY0150	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/23/90-05/01/92	1	4	
CANY0151	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/27/84-04/27/84	0	1	
CANY0153	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/04/83-08/04/99	16	59	T,S
CANY0154	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/23/90-05/02/92	1	3	
CANY0156	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/04/83-08/04/99	16	55	T,S
CANY0157	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/27/84-04/27/84	0	1	
CANY0159	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/30/90-05/16/92	1	4	
CANY0161	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/24/84-04/24/84	0	1	
CANY0165	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/04/93-12/09/99	6	16	
CANY0167	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/27/80-03/27/80	0	1	
CANY0172	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/27/84-04/27/84	0	1	
CANY0178	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/18/80-10/26/90	10	3	
CANY0187	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/25/90-09/19/99	8	21	
CANY0191	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/25/90-05/04/92	1	4	
CANY0194	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/25/90-09/19/99	8	20	
CANY0198	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/12/80-02/28/99	18	4	
CANY0199	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/27/79-03/25/81	1	4	
CANY0202	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/25/90-05/14/91	0	2	
CANY0207	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/25/90-05/03/92	1	4	
CANY0208	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/14/80-04/24/81	0	2	
CANY0209	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/13/80-04/24/81	0	2	
CANY0210	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/13/80-04/24/81	0	2	
CANY0213	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/26/84-04/26/84	0	1	
CANY0217	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/16/91-05/09/97	6	23	
CANY0218	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/26/84-04/26/84	0	1	
CANY0224	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/14/80-04/24/81	0	2	
CANY0227	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/15/83-08/06/98	15	49	T,S
CANY0236	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/29/80-04/29/81	1	2	
CANY0237	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/29/80-04/29/81	1	2	
CANY0241	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/14/80-04/24/81	0	2	
CANY0242	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/28/87-07/28/87	0	1	
CANY0244	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/29/80-04/29/81	1	2	
CANY0248	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/14/80-11/14/80	0	1	
CANY0250	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/14/91-09/09/98	7	3	
CANY0255	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/14/80-04/24/81	0	2	
CANY0260	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/27/90-05/05/92	1	4	
CANY0264	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/04/90-04/18/92	1	4	
CANY0265	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/04/90-04/18/92	1	3	
CANY0270	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/24/81-04/24/81	0	1	
CANY0273	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/27/90-09/19/99	8	5	
CANY0277	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/18/91-08/06/98	7	17	
CANY0278	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/17/97-09/03/98	0	4	

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

Station/Parameter Period of Record Tabulation From 10/02/48 To 12/09/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
CANY0279	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/04/90-10/04/90	0	1	
CANY0282	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/20/94-05/17/96	1	4	
CANY0283	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/17/80-11/14/80	0	2	
CANY0284	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/15/91-08/06/98	7	25	
CANY0288	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/14/78-01/27/81	2	15	
CANY0291	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/14/77-09/06/99	22	51	T,S
CANY0294	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/03/91-05/14/92	0	2	
CANY0295	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/03/92-09/05/99	7	3	
CANY0297	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/14/77-07/19/77	0	2	
CANY0298	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/01/89-09/04/99	10	3	
CANY0021	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/06/93-06/29/99	5	9	
CANY0028	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/06/93-06/28/99	5	9	
CANY0030	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/28/97-06/24/98	0	8	
CANY0040	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/06/93-06/29/99	5	9	
CANY0044	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/02/90-05/15/92	1	4	
CANY0054	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	06/14/95-05/10/99	3	6	
CANY0057	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/02/93-09/28/98	5	10	
CANY0061	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/23/90-05/17/92	1	4	
CANY0063	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	06/14/95-05/10/99	3	8	
CANY0064	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	06/14/95-05/10/99	3	7	
CANY0069	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/21/90-05/18/92	1	4	
CANY0091	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/23/90-05/07/99	8	14	
CANY0097	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/24/90-04/30/92	1	4	
CANY0099	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/23/90-04/30/92	1	4	
CANY0107	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/23/90-09/23/90	0	1	
CANY0109	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/21/90-05/16/92	1	4	
CANY0113	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	05/23/91-08/28/91	0	2	
CANY0120	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	05/29/84-07/21/86	2	6	
CANY0121	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	03/18/83-09/18/84	1	13	
CANY0123	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/30/90-05/07/99	8	13	
CANY0128	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	05/26/91-05/16/92	0	3	
CANY0135	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/30/90-05/16/92	1	4	
CANY0146	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/23/90-10/23/90	0	1	
CANY0150	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/23/90-05/01/92	1	4	
CANY0153	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/17/91-06/16/99	8	29	
CANY0154	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/23/90-05/02/92	1	3	
CANY0156	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/17/91-06/16/99	8	29	
CANY0159	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	05/25/91-05/16/92	0	3	
CANY0165	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/04/93-05/07/99	5	13	
CANY0187	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/25/90-05/23/99	8	18	
CANY0191	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/25/90-05/04/92	1	4	
CANY0194	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/25/90-05/23/99	8	17	
CANY0198	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/26/90-02/28/99	8	2	
CANY0202	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/25/90-05/14/91	0	2	
CANY0207	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/25/90-05/03/92	1	4	
CANY0216	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/09/97-09/09/97	0	1	
CANY0217	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/16/91-06/30/97	6	21	
CANY0227	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/16/91-09/09/97	6	22	
CANY0250	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/14/91-09/09/98	7	3	
CANY0260	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/27/90-05/05/92	1	4	
CANY0264	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/04/90-04/18/92	1	4	
CANY0265	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	05/02/91-04/18/92	0	2	
CANY0273	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/27/90-05/24/99	8	4	
CANY0277	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/18/91-09/09/97	6	16	
CANY0278	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	11/17/97-09/03/98	0	4	
CANY0279	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/04/90-10/04/90	0	1	
CANY0282	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/20/94-05/17/96	1	3	
CANY0284	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/15/91-08/06/98	7	24	
CANY0291	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/16/91-06/03/99	7	16	
CANY0294	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	05/14/92-05/14/92	0	1	
CANY0295	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/03/92-09/30/93	1	2	
CANY0298	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	05/12/92-05/12/92	0	1	
CANY0007	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/30/78-01/30/78	0	1	
CANY0010	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/12/80-06/15/82	2	2	
CANY0020	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/12/80-06/12/80	0	1	
CANY0029	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	04/28/84-04/28/84	0	1	
CANY0030	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/21/78-07/29/82	4	6	
CANY0037	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	04/28/84-04/28/84	0	1	
CANY0038	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/21/78-03/21/78	0	1	
CANY0040	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/27/79-03/28/81	2	4	
CANY0050	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	04/23/84-04/23/84	0	1	
CANY0056	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	04/23/84-04/23/84	0	1	

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

**Station/Parameter Period of Record Tabulation
From 10/02/48 To 12/09/99**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
CANY0057	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/12/90-07/12/90	0	1	
CANY0072	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	04/27/84-04/27/84	0	1	
CANY0074	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	04/23/84-04/23/84	0	1	
CANY0077	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	04/28/84-04/28/84	0	1	
CANY0088	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	04/26/84-04/26/84	0	1	
CANY0113	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/16/92-05/16/92	0	1	
CANY0117	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/27/79-03/16/82	2	5	
CANY0118	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/27/79-04/24/84	5	6	
CANY0126	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	04/27/84-04/27/84	0	1	
CANY0127	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	04/27/84-04/27/84	0	1	
CANY0132	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	04/28/84-04/28/84	0	1	
CANY0151	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	04/27/84-04/27/84	0	1	
CANY0153	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/04/83-07/10/90	7	28	
CANY0156	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/04/83-07/10/90	7	23	
CANY0157	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	04/27/84-04/27/84	0	1	
CANY0161	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	04/24/84-04/24/84	0	1	
CANY0167	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/27/80-03/27/80	0	1	
CANY0172	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	04/27/84-04/27/84	0	1	
CANY0174	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/21/78-03/21/78	0	1	
CANY0199	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/22/78-03/25/81	3	5	
CANY0213	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	04/26/84-04/26/84	0	1	
CANY0218	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	04/26/84-04/26/84	0	1	
CANY0227	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/15/83-07/09/90	7	25	
CANY0236	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	04/29/80-04/29/81	1	2	
CANY0237	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	04/29/80-04/29/81	1	2	
CANY0242	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/28/87-07/28/87	0	1	
CANY0244	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	04/29/80-04/29/81	1	2	
CANY0288	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/11/78-01/27/81	3	14	
CANY0291	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/19/77-04/29/90	12	35	
CANY0297	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/19/77-07/19/77	0	1	
CANY0298	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/01/89-06/01/89	0	1	
CANY0024	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	09/15/81-09/15/81	0	1	
CANY0118	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	09/15/81-09/15/81	0	1	
CANY0003	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/17/86-09/17/86	0	1	
CANY0005	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/02/80-10/15/80	0	6	
CANY0006	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/09/79-06/12/80	0	2	
CANY0007	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/20/77-01/30/78	0	2	
CANY0010	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/12/80-06/15/82	2	2	
CANY0011	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/16/78-06/16/78	0	1	
CANY0012	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/09/79-06/12/80	0	2	
CANY0013	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/09/79-06/12/80	0	2	
CANY0014	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/14/78-06/14/78	0	1	
CANY0016	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/22/87-09/22/87	0	1	
CANY0017	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/17/78-06/17/78	0	1	
CANY0018	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/09/79-06/12/80	0	2	
CANY0020	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/12/80-06/12/80	0	1	
CANY0021	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/06/93-11/30/99	6	11	
CANY0022	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/15/78-06/15/78	0	1	
CANY0023	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/15/78-06/15/78	0	1	
CANY0024	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/29/76-09/15/81	5	2	
CANY0026	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/02/80-10/15/80	0	6	
CANY0028	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/06/93-11/30/99	6	11	
CANY0029	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/28/84-04/28/84	0	1	
CANY0030	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/02/77-06/24/98	20	23	
CANY0031	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/15/78-06/15/78	0	1	
CANY0035	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/02/48-10/02/48	0	1	
CANY0036	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/29/76-03/24/77	0	2	
CANY0037	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/28/84-04/28/84	0	1	
CANY0038	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/02/77-03/21/78	0	2	
CANY0040	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/02/77-11/30/99	22	18	
CANY0043	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/18/78-06/18/78	0	1	
CANY0044	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/24/91-05/15/92	0	3	
CANY0046	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/24/83-08/24/83	0	1	
CANY0047	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/08/85-05/22/90	5	8	
CANY0049	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/24/83-08/24/83	0	1	
CANY0050	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/23/84-04/23/84	0	1	
CANY0052	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/01/68-07/01/68	0	1	
CANY0054	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/14/95-09/09/99	4	8	
CANY0056	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/23/84-04/23/84	0	1	
CANY0057	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/12/90-08/05/99	9	13	
CANY0060	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/13/85-05/17/90	5	10	
CANY0061	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/23/90-05/17/92	1	4	

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

Station/Parameter Period of Record Tabulation From 10/02/48 To 12/09/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
CANY0062	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/24/83-08/24/83	0	1	
CANY0063	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/14/95-09/09/99	4	10	
CANY0064	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/14/95-09/09/99	4	9	
CANY0065	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/24/83-08/24/83	0	1	
CANY0066	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/22/83-08/22/83	0	1	
CANY0067	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/20/78-07/20/78	0	1	
CANY0068	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/12/85-05/16/90	5	8	
CANY0069	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/21/90-05/18/92	1	4	
CANY0070	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/24/83-08/24/83	0	1	
CANY0072	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/27/84-04/27/84	0	1	
CANY0074	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/23/84-04/23/84	0	1	
CANY0077	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/28/84-04/28/84	0	1	
CANY0078	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/20/69-05/20/69	0	1	
CANY0079	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/14/78-06/14/78	0	1	
CANY0080	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/02/68-05/02/68	0	1	
CANY0083	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/05/78-08/05/78	0	1	
CANY0084	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/02/70-12/02/70	0	1	
CANY0086	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/15/78-06/15/78	0	1	
CANY0087	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/24/85-04/07/88	2	4	
CANY0088	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/26/84-04/26/84	0	1	
CANY0090	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/09/68-10/09/68	0	1	
CANY0091	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/23/90-12/09/99	9	20	
CANY0092	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/08/87-05/20/90	2	7	
CANY0095	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/04/69-09/04/69	0	1	
CANY0096	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/16/84-05/07/90	5	10	
CANY0097	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/24/90-04/30/92	1	4	
CANY0098	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/16/84-05/07/90	5	10	
CANY0099	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/23/90-04/30/92	1	4	
CANY0100	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/14/78-07/14/78	0	1	
CANY0101	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/17/68-07/17/68	0	1	
CANY0104	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/14/85-05/20/88	3	3	
CANY0105	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/28/85-05/17/90	4	8	
CANY0107	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/23/90-09/23/90	0	1	
CANY0108	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/13/85-05/20/90	5	10	
CANY0109	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/21/90-05/16/92	1	4	
CANY0110	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/02/68-05/02/68	0	1	
CANY0111	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/12/85-05/17/90	5	10	
CANY0112	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/24/83-08/24/83	0	1	
CANY0113	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/23/91-05/16/92	0	3	
CANY0115	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/02/78-07/02/78	0	1	
CANY0116	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/02/68-05/02/68	0	1	
CANY0117	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/27/79-03/16/82	2	6	
CANY0118	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/27/79-04/24/84	5	8	
CANY0119	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/01/78-07/01/78	0	1	
CANY0120	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/14/85-11/14/85	0	1	
CANY0121	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/18/83-03/18/83	0	1	
CANY0122	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/21/78-07/21/78	0	1	
CANY0123	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/30/90-12/09/99	9	17	
CANY0124	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/12/85-05/18/90	5	10	
CANY0125	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/24/83-08/24/83	0	1	
CANY0126	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/27/84-04/27/84	0	1	
CANY0127	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/27/84-04/27/84	0	1	
CANY0128	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/26/91-04/24/93	1	4	
CANY0129	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/24/83-08/24/83	0	1	
CANY0130	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/14/85-05/18/90	5	8	
CANY0131	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/05/70-03/05/70	0	1	
CANY0132	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/28/84-04/28/84	0	1	
CANY0133	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/08/70-04/08/70	0	1	
CANY0134	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/14/85-05/20/90	5	10	
CANY0135	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/30/90-05/16/92	1	4	
CANY0136	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/24/83-08/24/83	0	1	
CANY0137	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/08/70-04/08/70	0	1	
CANY0143	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/07/70-04/07/70	0	1	
CANY0144	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/14/84-05/10/90	5	11	
CANY0146	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/23/90-10/23/90	0	1	
CANY0147	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/15/84-10/06/89	4	10	
CANY0149	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/15/84-05/10/90	5	10	
CANY0150	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/23/90-05/01/92	1	4	
CANY0151	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/27/84-04/27/84	0	1	
CANY0152	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/01/83-09/01/83	0	1	
CANY0153	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/04/83-08/04/99	16	63	T,S
CANY0154	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/23/90-05/02/92	1	3	

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

Station/Parameter Period of Record Tabulation
From 10/02/48 To 12/09/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
CANY0155	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/01/83-09/01/83	0	1	
CANY0156	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/04/83-08/04/99	16	59	T,S
CANY0157	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/27/84-04/27/84	0	1	
CANY0158	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/11/85-05/22/90	5	10	
CANY0159	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/30/90-05/16/92	1	4	
CANY0160	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/20/69-05/20/69	0	1	
CANY0161	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/24/84-04/24/84	0	1	
CANY0162	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/01/83-09/01/83	0	1	
CANY0163	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/10/85-04/06/88	2	4	
CANY0164	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/23/77-10/23/77	0	1	
CANY0165	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/04/93-12/09/99	6	17	
CANY0167	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/27/80-03/27/80	0	1	
CANY0172	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/27/84-04/27/84	0	1	
CANY0174	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/21/78-03/21/78	0	1	
CANY0175	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/30/84-10/08/89	5	8	
CANY0176	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/12/83-04/12/83	0	1	
CANY0177	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/07/74-08/07/74	0	1	
CANY0178	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/26/90-10/26/90	0	1	
CANY0183	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/12/83-04/12/83	0	1	
CANY0185	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/07/70-04/07/70	0	1	
CANY0186	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/04/85-05/11/90	4	9	
CANY0187	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/25/90-09/19/99	8	22	
CANY0188	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/12/83-04/12/83	0	1	
CANY0189	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/22/78-06/22/78	0	1	
CANY0191	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/25/90-05/04/92	1	4	
CANY0192	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/01/84-05/08/90	5	10	
CANY0193	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/02/84-05/11/90	5	10	
CANY0194	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/25/90-09/19/99	8	21	
CANY0196	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/03/84-05/11/90	5	7	
CANY0198	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/26/90-02/28/99	8	2	
CANY0199	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/22/78-03/25/81	3	5	
CANY0200	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/15/57-09/03/69	12	2	
CANY0202	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/14/91-05/14/91	0	1	
CANY0203	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/06/85-05/08/90	4	7	
CANY0206	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/01/84-05/08/90	5	8	
CANY0207	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/25/90-05/03/92	1	4	
CANY0211	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/22/57-05/22/57	0	1	
CANY0213	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/26/84-04/26/84	0	1	
CANY0214	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/24/83-08/24/83	0	1	
CANY0215	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/08/87-04/08/87	0	1	
CANY0216	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/09/97-09/09/97	0	1	
CANY0217	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/16/91-07/23/97	6	25	
CANY0218	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/26/84-04/26/84	0	1	
CANY0221	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/28/78-07/28/78	0	1	
CANY0225	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/22/77-10/22/77	0	1	
CANY0226	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/01/83-09/01/83	0	1	
CANY0227	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/15/83-08/06/98	15	53	T,S
CANY0228	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/01/83-09/01/83	0	1	
CANY0229	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/21/77-08/21/77	0	1	
CANY0231	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/21/77-08/21/77	0	1	
CANY0232	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/11/84-09/12/89	5	11	
CANY0234	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/29/83-08/29/83	0	1	
CANY0235	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/21/77-08/21/77	0	1	
CANY0236	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/27/78-04/29/81	3	3	
CANY0237	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/27/78-04/29/81	3	3	
CANY0239	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/13/69-11/13/69	0	1	
CANY0240	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/04/70-03/04/70	0	1	
CANY0243	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/13/78-06/13/78	0	1	
CANY0244	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/29/80-04/29/81	1	2	
CANY0249	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/25/65-05/14/68	2	2	
CANY0250	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/14/91-09/09/98	7	3	
CANY0251	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/29/84-03/23/90	5	12	
CANY0252	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/13/78-06/13/78	0	1	
CANY0257	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/12/78-06/12/78	0	1	
CANY0258	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/15/78-06/15/78	0	1	
CANY0260	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/27/90-05/05/92	1	4	
CANY0261	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/27/84-05/12/90	5	8	
CANY0262	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/22/84-03/22/90	5	12	
CANY0263	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/29/83-08/29/83	0	1	
CANY0264	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/04/90-04/18/92	1	4	
CANY0265	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/04/90-04/18/92	1	3	
CANY0266	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/18/65-10/24/67	2	2	

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

Station/Parameter Period of Record Tabulation From 10/02/48 To 12/09/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
CANY0267	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/22/84-03/22/90	5	7	
CANY0268	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/29/83-08/29/83	0	1	
CANY0271	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/04/70-03/04/70	0	1	
CANY0272	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/01/77-07/01/77	0	1	
CANY0273	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/27/90-09/19/99	8	5	
CANY0274	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/10/85-05/11/90	4	6	
CANY0275	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/12/69-11/12/69	0	1	
CANY0276	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/21/91-10/04/99	8	30	
CANY0277	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/18/91-04/12/99	7	46	
CANY0278	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/17/97-09/03/98	0	4	
CANY0279	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/04/90-10/04/90	0	1	
CANY0280	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/11/84-03/28/90	5	9	
CANY0281	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/29/83-08/29/83	0	1	
CANY0282	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/14/89-05/17/96	6	7	
CANY0284	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/15/91-08/06/98	7	29	
CANY0287	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/14/89-10/04/99	9	36	
CANY0288	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/23/77-01/27/81	3	28	
CANY0289	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/22/77-08/22/77	0	1	
CANY0290	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/14/89-10/04/99	9	34	
CANY0291	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/14/77-09/06/99	22	60	T,S
CANY0292	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/01/83-09/01/83	0	1	
CANY0294	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/03/91-05/14/92	0	2	
CANY0295	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/03/92-09/05/99	7	3	
CANY0297	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/14/77-09/19/77	0	4	
CANY0298	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/01/89-09/04/99	10	3	
CANY0024	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	06/29/76-06/29/76	0	1	
CANY0035	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/02/48-10/02/48	0	1	
CANY0052	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/01/68-07/01/68	0	1	
CANY0078	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	05/20/69-05/20/69	0	1	
CANY0080	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	05/02/68-05/02/68	0	1	
CANY0084	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	12/02/70-12/02/70	0	1	
CANY0090	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/09/68-10/09/68	0	1	
CANY0095	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/04/69-09/04/69	0	1	
CANY0101	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/17/68-07/17/68	0	1	
CANY0110	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	05/02/68-05/02/68	0	1	
CANY0116	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	05/02/68-05/02/68	0	1	
CANY0131	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/05/70-03/05/70	0	1	
CANY0133	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/08/70-04/08/70	0	1	
CANY0137	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/08/70-04/08/70	0	1	
CANY0143	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/07/70-04/07/70	0	1	
CANY0160	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	05/20/69-05/20/69	0	1	
CANY0164	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/23/77-10/23/77	0	1	
CANY0185	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/07/70-04/07/70	0	1	
CANY0200	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	05/15/57-09/03/69	12	2	
CANY0211	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	05/22/57-05/22/57	0	1	
CANY0225	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/22/77-10/22/77	0	1	
CANY0239	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	11/13/69-11/13/69	0	1	
CANY0240	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/04/70-03/04/70	0	1	
CANY0249	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	05/25/65-05/14/68	2	2	
CANY0266	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	05/18/65-10/24/67	2	2	
CANY0271	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	03/04/70-03/04/70	0	1	
CANY0275	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	11/12/69-11/12/69	0	1	
CANY0001	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/30/78-05/30/78	0	1	
CANY0002	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/30/78-05/30/78	0	1	
CANY0003	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/17/86-09/17/86	0	1	
CANY0004	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/30/78-05/30/78	0	1	
CANY0006	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/09/79-06/12/80	0	2	
CANY0007	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/20/77-01/30/78	0	2	
CANY0008	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/30/78-05/30/78	0	1	
CANY0009	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/01/78-06/01/78	0	1	
CANY0010	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/12/80-06/15/82	2	2	
CANY0011	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/16/78-06/16/78	0	1	
CANY0012	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/09/79-06/12/80	0	2	
CANY0013	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/09/79-06/12/80	0	2	
CANY0014	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/14/78-06/14/78	0	1	
CANY0015	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/18/78-06/18/78	0	1	
CANY0016	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/22/87-09/22/87	0	1	
CANY0017	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/17/78-06/17/78	0	1	
CANY0018	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/09/79-06/12/80	0	2	
CANY0020	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/12/80-06/12/80	0	1	
CANY0021	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/06/93-11/30/99	6	11	
CANY0022	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/15/78-06/15/78	0	1	

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

**Station/Parameter Period of Record Tabulation
From 10/02/48 To 12/09/99**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
CANY0023	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/15/78-06/15/78	0	1	
CANY0024	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/29/76-09/15/81	5	2	
CANY0028	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/06/93-11/30/99	6	11	
CANY0030	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/02/77-06/24/98	20	23	
CANY0031	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/15/78-06/15/78	0	1	
CANY0033	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/28/78-06/28/78	0	1	
CANY0034	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/17/78-06/17/78	0	1	
CANY0035	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/02/48-10/02/48	0	1	
CANY0036	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/24/77-03/24/77	0	1	
CANY0038	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/02/77-03/21/78	0	2	
CANY0040	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/02/77-11/30/99	22	18	
CANY0043	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/18/78-06/18/78	0	1	
CANY0044	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/24/91-05/15/92	0	3	
CANY0052	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/01/68-07/01/68	0	1	
CANY0054	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/14/95-09/09/99	4	8	
CANY0057	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/12/90-08/05/99	9	13	
CANY0059	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/18/78-08/18/78	0	1	
CANY0061	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/23/90-05/17/92	1	4	
CANY0063	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/14/95-09/09/99	4	10	
CANY0064	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/14/95-09/09/99	4	9	
CANY0067	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/20/78-07/20/78	0	1	
CANY0069	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/21/90-05/18/92	1	4	
CANY0073	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/28/78-06/28/78	0	1	
CANY0078	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/20/69-05/20/69	0	1	
CANY0079	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/14/78-06/14/78	0	1	
CANY0080	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/02/68-05/02/68	0	1	
CANY0081	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/18/78-08/18/78	0	1	
CANY0083	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/05/78-08/05/78	0	1	
CANY0084	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	12/02/70-12/02/70	0	1	
CANY0086	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/15/78-06/15/78	0	1	
CANY0090	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/09/68-10/09/68	0	1	
CANY0091	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/23/90-12/09/99	9	20	
CANY0095	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/04/69-09/04/69	0	1	
CANY0097	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/24/90-04/30/92	1	4	
CANY0099	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/23/90-04/30/92	1	4	
CANY0100	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/14/78-07/14/78	0	1	
CANY0101	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/17/68-07/17/68	0	1	
CANY0106	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/29/78-06/29/78	0	1	
CANY0107	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/23/90-09/23/90	0	1	
CANY0109	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/21/90-05/16/92	1	4	
CANY0110	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/02/68-05/02/68	0	1	
CANY0113	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/23/91-05/16/92	0	3	
CANY0115	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/02/78-07/02/78	0	1	
CANY0116	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/02/68-05/02/68	0	1	
CANY0117	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/27/79-03/16/82	2	6	
CANY0118	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/27/79-03/16/82	2	7	
CANY0119	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/01/78-07/01/78	0	1	
CANY0120	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/29/84-07/21/86	2	6	
CANY0121	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/18/83-09/18/84	1	13	
CANY0122	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/21/78-07/21/78	0	1	
CANY0123	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/30/90-12/09/99	9	17	
CANY0128	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/26/91-04/24/93	1	4	
CANY0131	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/05/70-03/05/70	0	1	
CANY0133	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/08/70-04/08/70	0	1	
CANY0135	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/30/90-05/16/92	1	4	
CANY0137	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/08/70-04/08/70	0	1	
CANY0143	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/07/70-04/07/70	0	1	
CANY0146	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/23/90-10/23/90	0	1	
CANY0150	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/23/90-05/01/92	1	4	
CANY0153	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/04/83-08/04/99	16	63	T,S
CANY0154	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/23/90-05/02/92	1	3	
CANY0156	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/04/83-08/04/99	16	59	T,S
CANY0159	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/30/90-05/16/92	1	4	
CANY0160	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/20/69-05/20/69	0	1	
CANY0164	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/23/77-10/23/77	0	1	
CANY0165	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/04/93-12/09/99	6	17	
CANY0166	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/19/78-06/19/78	0	1	
CANY0167	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/27/80-03/27/80	0	1	
CANY0174	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/21/78-03/21/78	0	1	
CANY0176	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/12/83-04/12/83	0	1	
CANY0177	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/07/74-08/07/74	0	1	
CANY0178	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/26/90-10/26/90	0	1	

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**Station/Parameter Period of Record Tabulation
From 10/02/48 To 12/09/99**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
CANY0183	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/12/83-04/12/83	0	1	
CANY0185	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/07/70-04/07/70	0	1	
CANY0187	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/25/90-09/19/99	8	22	
CANY0188	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/12/83-04/12/83	0	1	
CANY0189	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/22/78-06/22/78	0	1	
CANY0190	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/19/78-06/19/78	0	1	
CANY0191	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/25/90-05/04/92	1	4	
CANY0194	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/25/90-09/19/99	8	21	
CANY0198	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/26/90-02/28/99	8	2	
CANY0199	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/22/78-03/25/81	3	5	
CANY0200	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/15/57-09/03/69	12	2	
CANY0202	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/14/91-05/14/91	0	1	
CANY0207	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/25/90-05/03/92	1	4	
CANY0211	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/22/57-05/22/57	0	1	
CANY0216	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/09/97-09/09/97	0	1	
CANY0217	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/16/91-08/20/97	6	26	
CANY0221	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/28/78-07/28/78	0	1	
CANY0223	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/25/78-06/25/78	0	1	
CANY0225	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/22/77-10/22/77	0	1	
CANY0227	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/15/83-08/06/98	15	53	T,S
CANY0229	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/21/77-08/21/77	0	1	
CANY0231	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/21/77-08/21/77	0	1	
CANY0235	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/21/77-08/21/77	0	1	
CANY0236	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/27/78-04/29/81	3	3	
CANY0237	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/27/78-04/29/81	3	3	
CANY0238	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/14/88-03/02/89	0	5	
CANY0239	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	11/13/69-11/13/69	0	1	
CANY0240	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/04/70-03/04/70	0	1	
CANY0243	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/13/78-06/13/78	0	1	
CANY0244	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/29/80-04/29/81	1	2	
CANY0245	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/14/88-05/01/89	1	6	
CANY0246	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/14/88-05/01/89	1	6	
CANY0247	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/14/88-05/01/89	1	6	
CANY0249	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/25/65-05/14/68	2	2	
CANY0250	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/14/91-09/09/98	7	3	
CANY0252	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/13/78-06/13/78	0	1	
CANY0253	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/22/78-06/22/78	0	1	
CANY0256	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/05/78-10/05/78	0	1	
CANY0257	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/12/78-06/12/78	0	1	
CANY0258	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/15/78-06/15/78	0	1	
CANY0259	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/25/78-06/25/78	0	1	
CANY0260	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/27/90-05/05/92	1	4	
CANY0264	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/04/90-04/18/92	1	4	
CANY0265	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/04/90-04/18/92	1	3	
CANY0266	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/18/65-10/24/67	2	2	
CANY0271	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/04/70-03/04/70	0	1	
CANY0272	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/01/77-07/01/77	0	1	
CANY0273	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/27/90-09/19/99	8	5	
CANY0275	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	11/12/69-11/12/69	0	1	
CANY0276	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/21/91-10/04/99	8	32	
CANY0277	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/18/91-04/12/99	7	48	
CANY0278	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	11/17/97-09/03/98	0	4	
CANY0279	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/04/90-10/04/90	0	1	
CANY0282	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	11/14/89-05/17/96	6	7	
CANY0284	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/15/91-08/06/98	7	29	
CANY0286	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/26/78-06/26/78	0	1	
CANY0287	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	11/14/89-10/04/99	9	36	
CANY0288	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/23/77-01/27/81	3	28	
CANY0289	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/22/77-08/22/77	0	1	
CANY0290	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	11/14/89-10/04/99	9	35	
CANY0291	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/14/77-09/06/99	22	61	T,S
CANY0294	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/03/91-05/14/92	0	2	
CANY0295	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/03/92-09/05/99	7	3	
CANY0296	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/29/78-06/29/78	0	1	
CANY0297	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/14/77-09/19/77	0	4	
CANY0298	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/01/89-09/04/99	10	3	
CANY0041	No	00916	CALCIUM, TOTAL (MG/L AS CA)	06/18/80-11/12/80	0	2	
CANY0178	No	00916	CALCIUM, TOTAL (MG/L AS CA)	06/18/80-11/12/80	0	2	
CANY0198	No	00916	CALCIUM, TOTAL (MG/L AS CA)	11/12/80-04/24/81	0	2	
CANY0208	No	00916	CALCIUM, TOTAL (MG/L AS CA)	11/14/80-04/24/81	0	2	
CANY0209	No	00916	CALCIUM, TOTAL (MG/L AS CA)	11/13/80-04/24/81	0	2	
CANY0210	No	00916	CALCIUM, TOTAL (MG/L AS CA)	11/13/80-04/24/81	0	2	

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

Station/Parameter Period of Record Tabulation From 10/02/48 To 12/09/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
CANY0224	No	00916	CALCIUM, TOTAL (MG/L AS CA)	11/14/80-04/24/81	0	2	
CANY0241	No	00916	CALCIUM, TOTAL (MG/L AS CA)	11/14/80-04/24/81	0	2	
CANY0248	No	00916	CALCIUM, TOTAL (MG/L AS CA)	11/14/80-11/14/80	0	1	
CANY0255	No	00916	CALCIUM, TOTAL (MG/L AS CA)	11/14/80-04/24/81	0	2	
CANY0270	No	00916	CALCIUM, TOTAL (MG/L AS CA)	04/24/81-04/24/81	0	1	
CANY0283	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	06/17/80-11/14/80	0	2	
CANY0003	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/17/86-09/17/86	0	1	
CANY0006	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/09/79-06/12/80	0	2	
CANY0007	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/20/77-01/30/78	0	2	
CANY0009	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/01/78-06/01/78	0	1	
CANY0010	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/12/80-06/15/82	2	2	
CANY0011	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/16/78-06/16/78	0	1	
CANY0012	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/09/79-06/12/80	0	2	
CANY0013	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/09/79-06/12/80	0	2	
CANY0014	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/14/78-06/14/78	0	1	
CANY0016	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/22/87-09/22/87	0	1	
CANY0017	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/17/78-06/17/78	0	1	
CANY0018	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/09/79-06/12/80	0	2	
CANY0020	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/12/80-06/12/80	0	1	
CANY0021	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/06/93-11/30/99	6	11	
CANY0022	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/15/78-06/15/78	0	1	
CANY0023	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/15/78-06/15/78	0	1	
CANY0024	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/29/76-09/15/81	5	2	
CANY0028	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/06/93-11/30/99	6	11	
CANY0030	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/02/77-06/24/98	20	23	
CANY0031	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/15/78-06/15/78	0	1	
CANY0035	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/02/48-10/02/48	0	1	
CANY0036	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/24/77-03/24/77	0	1	
CANY0038	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/02/77-03/21/78	0	2	
CANY0040	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/02/77-11/30/99	22	18	
CANY0043	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/18/78-06/18/78	0	1	
CANY0044	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/24/91-05/15/92	0	3	
CANY0052	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/01/68-07/01/68	0	1	
CANY0054	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/14/95-09/09/99	4	8	
CANY0057	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/12/90-08/05/99	9	13	
CANY0061	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/23/90-05/17/92	1	4	
CANY0063	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/14/95-09/09/99	4	10	
CANY0064	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/14/95-09/09/99	4	9	
CANY0067	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/20/78-07/20/78	0	1	
CANY0069	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/21/90-05/18/92	1	4	
CANY0078	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/20/69-05/20/69	0	1	
CANY0079	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/14/78-06/14/78	0	1	
CANY0080	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/02/68-05/02/68	0	1	
CANY0083	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/05/78-08/05/78	0	1	
CANY0084	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	12/02/70-12/02/70	0	1	
CANY0086	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/15/78-06/15/78	0	1	
CANY0090	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/09/68-10/09/68	0	1	
CANY0091	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/23/90-12/09/99	9	20	
CANY0095	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/04/69-09/04/69	0	1	
CANY0097	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/24/90-04/30/92	1	4	
CANY0099	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/23/90-04/30/92	1	4	
CANY0100	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/14/78-07/14/78	0	1	
CANY0101	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/17/68-07/17/68	0	1	
CANY0107	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/23/90-09/23/90	0	1	
CANY0109	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/21/90-05/16/92	1	4	
CANY0110	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/02/68-05/02/68	0	1	
CANY0113	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/23/91-05/16/92	0	3	
CANY0115	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/02/78-07/02/78	0	1	
CANY0116	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/02/68-05/02/68	0	1	
CANY0117	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/27/79-03/16/82	2	6	
CANY0118	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/27/79-03/16/82	2	7	
CANY0119	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/01/78-07/01/78	0	1	
CANY0120	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/29/84-07/21/86	2	6	
CANY0121	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/18/83-09/18/84	1	13	
CANY0122	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/21/78-07/21/78	0	1	
CANY0123	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/30/90-12/09/99	9	17	
CANY0128	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/26/91-04/24/93	1	4	
CANY0131	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/05/70-03/05/70	0	1	
CANY0133	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/08/70-04/08/70	0	1	
CANY0135	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/30/90-05/16/92	1	4	
CANY0137	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/08/70-04/08/70	0	1	
CANY0143	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/07/70-04/07/70	0	1	

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Station/Parameter Period of Record Tabulation From 10/02/48 To 12/09/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
CANY0146	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/23/90-10/23/90	0	1	
CANY0150	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/23/90-05/01/92	1	4	
CANY0153	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/04/83-08/04/99	16	63	T,S
CANY0154	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/23/90-05/02/92	1	3	
CANY0156	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/04/83-08/04/99	16	59	T,S
CANY0159	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/30/90-05/16/92	1	4	
CANY0160	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/20/69-05/20/69	0	1	
CANY0164	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/23/77-10/23/77	0	1	
CANY0165	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/04/93-12/09/99	6	17	
CANY0167	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/27/80-03/27/80	0	1	
CANY0174	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/21/78-03/21/78	0	1	
CANY0176	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/12/83-04/12/83	0	1	
CANY0177	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/07/74-08/07/74	0	1	
CANY0178	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/26/90-10/26/90	0	1	
CANY0179	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/25/79-05/25/79	0	1	
CANY0183	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/12/83-04/12/83	0	1	
CANY0185	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/07/70-04/07/70	0	1	
CANY0187	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/25/90-09/19/99	8	22	
CANY0188	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/12/83-04/12/83	0	1	
CANY0189	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/22/78-06/22/78	0	1	
CANY0191	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/25/90-05/04/92	1	4	
CANY0194	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/25/90-09/19/99	8	21	
CANY0197	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/22/79-05/22/79	0	1	
CANY0198	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/26/90-02/28/99	8	2	
CANY0199	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/22/78-03/25/81	3	5	
CANY0200	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/15/57-09/03/69	12	2	
CANY0202	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/14/91-05/14/91	0	1	
CANY0207	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/25/90-05/03/92	1	4	
CANY0211	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/22/57-05/22/57	0	1	
CANY0216	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/09/97-09/09/97	0	1	
CANY0217	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/16/91-08/20/97	6	26	
CANY0219	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/30/79-05/30/79	0	1	
CANY0220	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/25/79-05/25/79	0	1	
CANY0221	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/28/78-07/28/78	0	1	
CANY0222	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/30/79-05/30/79	0	1	
CANY0225	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/22/77-10/22/77	0	1	
CANY0227	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/15/83-08/06/98	15	53	T,S
CANY0229	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/21/77-08/21/77	0	1	
CANY0231	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/21/77-08/21/77	0	1	
CANY0235	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/21/77-08/21/77	0	1	
CANY0236	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/27/78-04/29/81	3	3	
CANY0237	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/27/78-04/29/81	3	3	
CANY0238	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/14/88-03/02/89	0	5	
CANY0239	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/13/69-11/13/69	0	1	
CANY0240	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/04/70-03/04/70	0	1	
CANY0243	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/13/78-06/13/78	0	1	
CANY0244	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/29/80-04/29/81	1	2	
CANY0245	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/14/88-05/01/89	1	6	
CANY0246	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/14/88-05/01/89	1	6	
CANY0247	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/14/88-05/01/89	1	6	
CANY0249	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/25/65-05/14/68	2	2	
CANY0250	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/14/91-09/09/98	7	3	
CANY0252	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/13/78-06/13/78	0	1	
CANY0254	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/23/79-05/23/79	0	1	
CANY0257	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/12/78-06/12/78	0	1	
CANY0258	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/15/78-06/15/78	0	1	
CANY0260	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/27/90-05/05/92	1	4	
CANY0264	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/04/90-04/18/92	1	4	
CANY0265	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/04/90-04/18/92	1	3	
CANY0266	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/18/65-10/24/67	2	2	
CANY0269	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/26/79-05/26/79	0	1	
CANY0271	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/04/70-03/04/70	0	1	
CANY0272	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/01/77-07/01/77	0	1	
CANY0273	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/27/90-09/19/99	8	5	
CANY0275	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/12/69-11/12/69	0	1	
CANY0276	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/21/91-10/04/99	8	32	
CANY0277	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/18/91-04/12/99	7	48	
CANY0278	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/17/97-09/03/98	0	4	
CANY0279	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/04/90-10/04/90	0	1	
CANY0282	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/14/89-05/17/96	6	7	
CANY0284	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/15/91-08/06/98	7	29	
CANY0287	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/14/89-10/04/99	9	36	

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Station/Parameter Period of Record Tabulation From 10/02/48 To 12/09/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
CANY0288	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/23/77-01/27/81	3	28	
CANY0289	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/22/77-08/22/77	0	1	
CANY0290	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/14/89-10/04/99	9	35	
CANY0291	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/14/77-09/06/99	22	61	T,S
CANY0293	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/17/79-05/17/79	0	1	
CANY0294	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/03/91-05/14/92	0	2	
CANY0295	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/03/92-09/05/99	7	3	
CANY0297	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/14/77-09/19/77	0	4	
CANY0298	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/01/89-09/04/99	10	3	
CANY0041	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	06/18/80-06/18/80	0	1	
CANY0178	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	11/12/80-11/12/80	0	1	
CANY0198	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	11/12/80-04/24/81	0	2	
CANY0208	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	11/14/80-04/24/81	0	2	
CANY0209	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	11/13/80-04/24/81	0	2	
CANY0210	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	11/13/80-04/24/81	0	2	
CANY0224	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	11/14/80-04/24/81	0	2	
CANY0241	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	11/14/80-04/24/81	0	2	
CANY0248	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	11/14/80-11/14/80	0	1	
CANY0255	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	11/14/80-04/24/81	0	2	
CANY0270	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	04/24/81-04/24/81	0	1	
CANY0041	No	00929	SODIUM, TOTAL (MG/L AS NA)	06/18/80-11/12/80	0	2	
CANY0178	No	00929	SODIUM, TOTAL (MG/L AS NA)	06/18/80-11/12/80	0	2	
CANY0198	No	00929	SODIUM, TOTAL (MG/L AS NA)	11/12/80-04/24/81	0	2	
CANY0208	No	00929	SODIUM, TOTAL (MG/L AS NA)	11/14/80-04/24/81	0	2	
CANY0209	No	00929	SODIUM, TOTAL (MG/L AS NA)	11/13/80-04/24/81	0	2	
CANY0210	No	00929	SODIUM, TOTAL (MG/L AS NA)	11/13/80-04/24/81	0	2	
CANY0224	No	00929	SODIUM, TOTAL (MG/L AS NA)	11/14/80-04/24/81	0	2	
CANY0241	No	00929	SODIUM, TOTAL (MG/L AS NA)	11/14/80-04/24/81	0	2	
CANY0248	No	00929	SODIUM, TOTAL (MG/L AS NA)	11/14/80-11/14/80	0	1	
CANY0255	No	00929	SODIUM, TOTAL (MG/L AS NA)	11/14/80-04/24/81	0	2	
CANY0270	No	00929	SODIUM, TOTAL (MG/L AS NA)	04/24/81-04/24/81	0	1	
CANY0283	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	06/17/80-11/14/80	0	2	
CANY0003	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/17/86-09/17/86	0	1	
CANY0006	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/09/79-06/12/80	0	2	
CANY0007	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/20/77-01/30/78	0	2	
CANY0010	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/12/80-06/15/82	2	2	
CANY0011	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/16/78-06/16/78	0	1	
CANY0012	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/09/79-06/12/80	0	2	
CANY0013	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/09/79-06/12/80	0	2	
CANY0014	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/14/78-06/14/78	0	1	
CANY0016	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/22/87-09/22/87	0	1	
CANY0017	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/17/78-06/17/78	0	1	
CANY0018	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/09/79-06/12/80	0	2	
CANY0020	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/12/80-06/12/80	0	1	
CANY0021	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/06/93-11/30/99	6	11	
CANY0022	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/15/78-06/15/78	0	1	
CANY0023	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/15/78-06/15/78	0	1	
CANY0024	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/29/76-09/15/81	5	2	
CANY0028	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/06/93-11/30/99	6	11	
CANY0029	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/28/84-04/28/84	0	1	
CANY0030	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/02/77-06/24/98	20	23	
CANY0031	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/15/78-06/15/78	0	1	
CANY0036	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/24/77-03/24/77	0	1	
CANY0038	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/02/77-03/21/78	0	2	
CANY0040	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/02/77-11/30/99	22	18	
CANY0043	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/18/78-06/18/78	0	1	
CANY0044	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/24/91-05/15/92	0	3	
CANY0052	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/01/68-07/01/68	0	1	
CANY0054	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/14/95-09/09/99	4	8	
CANY0057	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/12/90-08/05/99	9	12	
CANY0061	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/23/90-05/17/92	1	4	
CANY0063	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/14/95-09/09/99	4	10	
CANY0064	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/14/95-09/09/99	4	9	
CANY0067	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/20/78-07/20/78	0	1	
CANY0069	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/21/90-05/18/92	1	4	
CANY0072	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/27/84-04/27/84	0	1	
CANY0074	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/23/84-04/23/84	0	1	
CANY0078	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/20/69-05/20/69	0	1	
CANY0079	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/14/78-06/14/78	0	1	
CANY0080	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/02/68-05/02/68	0	1	
CANY0083	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/05/78-08/05/78	0	1	
CANY0084	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	12/02/70-12/02/70	0	1	

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

Station/Parameter Period of Record Tabulation
From 10/02/48 To 12/09/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
CANY0086	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/15/78-06/15/78	0	1	
CANY0088	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/26/84-04/26/84	0	1	
CANY0090	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/09/68-10/09/68	0	1	
CANY0091	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/23/90-12/09/99	9	20	
CANY0095	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/04/69-09/04/69	0	1	
CANY0097	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/24/90-04/30/92	1	4	
CANY0099	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/23/90-04/30/92	1	4	
CANY0100	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/14/78-07/14/78	0	1	
CANY0101	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/17/68-07/17/68	0	1	
CANY0107	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/23/90-09/23/90	0	1	
CANY0109	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/21/90-05/16/92	1	4	
CANY0110	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/02/68-05/02/68	0	1	
CANY0113	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/23/91-05/16/92	0	3	
CANY0115	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/02/78-07/02/78	0	1	
CANY0116	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/02/68-05/02/68	0	1	
CANY0117	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/27/79-03/16/82	2	6	
CANY0118	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/27/79-04/24/84	5	8	
CANY0119	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/01/78-07/01/78	0	1	
CANY0120	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/29/84-07/21/86	2	6	
CANY0121	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/18/83-09/18/84	1	13	
CANY0122	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/21/78-07/21/78	0	1	
CANY0123	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/30/90-12/09/99	9	17	
CANY0128	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/26/91-04/24/93	1	4	
CANY0131	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/05/70-03/05/70	0	1	
CANY0132	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/28/84-04/28/84	0	1	
CANY0133	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/08/70-04/08/70	0	1	
CANY0135	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/30/90-05/16/92	1	4	
CANY0137	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/08/70-04/08/70	0	1	
CANY0143	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/07/70-04/07/70	0	1	
CANY0146	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/23/90-10/23/90	0	1	
CANY0150	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/23/90-05/01/92	1	4	
CANY0153	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/04/83-08/04/99	16	63	T,S
CANY0154	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/23/90-05/02/92	1	3	
CANY0156	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/04/83-08/04/99	16	59	T,S
CANY0159	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/30/90-05/16/92	1	4	
CANY0160	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/20/69-05/20/69	0	1	
CANY0161	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/24/84-04/24/84	0	1	
CANY0164	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/23/77-10/23/77	0	1	
CANY0165	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/04/93-12/09/99	6	17	
CANY0167	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/27/80-03/27/80	0	1	
CANY0174	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/21/78-03/21/78	0	1	
CANY0176	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/12/83-04/12/83	0	1	
CANY0177	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/07/74-08/07/74	0	1	
CANY0178	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/26/90-10/26/90	0	1	
CANY0183	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/12/83-04/12/83	0	1	
CANY0185	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/07/70-04/07/70	0	1	
CANY0187	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/25/90-09/19/99	8	22	
CANY0188	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/12/83-04/12/83	0	1	
CANY0189	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/22/78-06/22/78	0	1	
CANY0191	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/25/90-05/04/92	1	4	
CANY0194	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/25/90-09/19/99	8	21	
CANY0197	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/22/79-05/22/79	0	1	
CANY0198	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/26/90-02/28/99	8	2	
CANY0199	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/22/78-03/25/81	3	5	
CANY0200	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/15/57-09/03/69	12	2	
CANY0202	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/14/91-05/14/91	0	1	
CANY0205	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/30/79-05/30/79	0	1	
CANY0207	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/25/90-05/03/92	1	4	
CANY0211	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/22/57-05/22/57	0	1	
CANY0216	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/09/97-09/09/97	0	1	
CANY0217	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/16/91-08/20/97	6	26	
CANY0220	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/25/79-05/25/79	0	1	
CANY0221	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/28/78-07/28/78	0	1	
CANY0225	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/22/77-10/22/77	0	1	
CANY0227	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/15/83-08/06/98	15	53	T,S
CANY0229	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/21/77-08/21/77	0	1	
CANY0231	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/21/77-08/21/77	0	1	
CANY0235	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/21/77-08/21/77	0	1	
CANY0236	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/27/78-04/29/81	3	3	
CANY0237	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/27/78-04/29/81	3	3	
CANY0238	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/14/88-03/02/89	0	5	
CANY0239	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	11/13/69-11/13/69	0	1	

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

**Station/Parameter Period of Record Tabulation
From 10/02/48 To 12/09/99**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
CANY0240	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/04/70-03/04/70	0	1	
CANY0243	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/13/78-06/13/78	0	1	
CANY0244	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/29/80-04/29/81	1	2	
CANY0245	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/14/88-05/01/89	1	6	
CANY0246	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/14/88-05/01/89	1	6	
CANY0247	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/14/88-05/01/89	1	6	
CANY0249	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/14/68-05/14/68	0	1	
CANY0250	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/14/91-09/09/98	7	3	
CANY0252	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/13/78-06/13/78	0	1	
CANY0257	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/12/78-06/12/78	0	1	
CANY0258	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/15/78-06/15/78	0	1	
CANY0260	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/27/90-05/05/92	1	4	
CANY0264	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/04/90-04/18/92	1	4	
CANY0265	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/04/90-04/18/92	1	3	
CANY0266	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/24/67-10/24/67	0	1	
CANY0269	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/26/79-05/26/79	0	1	
CANY0271	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	03/04/70-03/04/70	0	1	
CANY0272	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/01/77-07/01/77	0	1	
CANY0273	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/27/90-09/19/99	8	5	
CANY0275	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	11/12/69-11/12/69	0	1	
CANY0276	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/21/91-10/04/99	8	32	
CANY0277	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/18/91-04/12/99	7	48	
CANY0278	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	11/17/97-09/03/98	0	4	
CANY0279	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/04/90-10/04/90	0	1	
CANY0282	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	11/14/89-05/17/96	6	7	
CANY0284	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/15/91-08/06/98	7	29	
CANY0287	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	11/14/89-10/04/99	9	36	
CANY0288	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/23/77-01/27/81	3	28	
CANY0289	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/22/77-08/22/77	0	1	
CANY0290	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	11/14/89-10/04/99	9	35	
CANY0291	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/14/77-09/06/99	22	60	T,S
CANY0293	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/17/79-05/17/79	0	1	
CANY0294	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/03/91-05/14/92	0	2	
CANY0295	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/03/92-09/05/99	7	3	
CANY0297	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/14/77-09/19/77	0	4	
CANY0298	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/01/89-09/04/99	10	3	
CANY0052	No	00931	SODIUM ADSORPTION RATIO	07/01/68-07/01/68	0	1	
CANY0080	Yes	00931	SODIUM ADSORPTION RATIO	05/02/68-05/02/68	0	1	
CANY0084	Yes	00931	SODIUM ADSORPTION RATIO	12/02/70-12/02/70	0	1	
CANY0090	Yes	00931	SODIUM ADSORPTION RATIO	10/09/68-10/09/68	0	1	
CANY0095	Yes	00931	SODIUM ADSORPTION RATIO	09/04/69-09/04/69	0	1	
CANY0101	Yes	00931	SODIUM ADSORPTION RATIO	07/17/68-07/17/68	0	1	
CANY0110	Yes	00931	SODIUM ADSORPTION RATIO	05/02/68-05/02/68	0	1	
CANY0116	Yes	00931	SODIUM ADSORPTION RATIO	05/02/68-05/02/68	0	1	
CANY0120	No	00931	SODIUM ADSORPTION RATIO	11/14/85-11/14/85	0	1	
CANY0121	No	00931	SODIUM ADSORPTION RATIO	03/18/83-03/18/83	0	1	
CANY0131	Yes	00931	SODIUM ADSORPTION RATIO	03/05/70-03/05/70	0	1	
CANY0137	Yes	00931	SODIUM ADSORPTION RATIO	04/08/70-04/08/70	0	1	
CANY0143	Yes	00931	SODIUM ADSORPTION RATIO	04/07/70-04/07/70	0	1	
CANY0160	Yes	00931	SODIUM ADSORPTION RATIO	05/20/69-05/20/69	0	1	
CANY0164	Yes	00931	SODIUM ADSORPTION RATIO	10/23/77-10/23/77	0	1	
CANY0176	No	00931	SODIUM ADSORPTION RATIO	04/12/83-04/12/83	0	1	
CANY0183	No	00931	SODIUM ADSORPTION RATIO	04/12/83-04/12/83	0	1	
CANY0185	Yes	00931	SODIUM ADSORPTION RATIO	04/07/70-04/07/70	0	1	
CANY0188	No	00931	SODIUM ADSORPTION RATIO	04/12/83-04/12/83	0	1	
CANY0200	No	00931	SODIUM ADSORPTION RATIO	05/15/57-09/03/69	12	2	
CANY0211	No	00931	SODIUM ADSORPTION RATIO	05/22/57-05/22/57	0	1	
CANY0225	Yes	00931	SODIUM ADSORPTION RATIO	10/22/77-10/22/77	0	1	
CANY0239	Yes	00931	SODIUM ADSORPTION RATIO	11/13/69-11/13/69	0	1	
CANY0240	Yes	00931	SODIUM ADSORPTION RATIO	03/04/70-03/04/70	0	1	
CANY0249	Yes	00931	SODIUM ADSORPTION RATIO	05/25/65-05/14/68	2	2	
CANY0266	Yes	00931	SODIUM ADSORPTION RATIO	05/18/65-10/24/67	2	2	
CANY0271	Yes	00931	SODIUM ADSORPTION RATIO	03/04/70-03/04/70	0	1	
CANY0275	Yes	00931	SODIUM ADSORPTION RATIO	11/12/69-11/12/69	0	1	
CANY0024	No	00932	SODIUM, PERCENT	06/29/76-06/29/76	0	1	
CANY0035	No	00932	SODIUM, PERCENT	10/02/48-10/02/48	0	1	
CANY0036	No	00932	SODIUM, PERCENT	03/24/77-03/24/77	0	1	
CANY0052	No	00932	SODIUM, PERCENT	07/01/68-07/01/68	0	1	
CANY0084	Yes	00932	SODIUM, PERCENT	12/02/70-12/02/70	0	1	
CANY0120	No	00932	SODIUM, PERCENT	11/14/85-11/14/85	0	1	
CANY0121	No	00932	SODIUM, PERCENT	03/18/83-03/18/83	0	1	
CANY0131	Yes	00932	SODIUM, PERCENT	03/05/70-03/05/70	0	1	

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

Station/Parameter Period of Record Tabulation
From 10/02/48 To 12/09/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
CANY0137	Yes	00932	SODIUM, PERCENT	04/08/70-04/08/70	0	1	
CANY0143	Yes	00932	SODIUM, PERCENT	04/07/70-04/07/70	0	1	
CANY0164	Yes	00932	SODIUM, PERCENT	10/23/77-10/23/77	0	1	
CANY0176	No	00932	SODIUM, PERCENT	04/12/83-04/12/83	0	1	
CANY0183	No	00932	SODIUM, PERCENT	04/12/83-04/12/83	0	1	
CANY0185	Yes	00932	SODIUM, PERCENT	04/07/70-04/07/70	0	1	
CANY0188	No	00932	SODIUM, PERCENT	04/12/83-04/12/83	0	1	
CANY0200	No	00932	SODIUM, PERCENT	05/15/57-05/15/57	0	1	
CANY0211	No	00932	SODIUM, PERCENT	05/22/57-05/22/57	0	1	
CANY0225	Yes	00932	SODIUM, PERCENT	10/22/77-10/22/77	0	1	
CANY0240	Yes	00932	SODIUM, PERCENT	03/04/70-03/04/70	0	1	
CANY0249	Yes	00932	SODIUM, PERCENT	05/25/65-05/14/68	2	2	
CANY0266	Yes	00932	SODIUM, PERCENT	05/18/65-10/24/67	2	2	
CANY0271	Yes	00932	SODIUM, PERCENT	03/04/70-03/04/70	0	1	
CANY0275	Yes	00932	SODIUM, PERCENT	11/12/69-11/12/69	0	1	
CANY0035	No	00933	SODIUM,PLUS POTASSIUM (MG/L)	10/02/48-10/02/48	0	1	
CANY0249	Yes	00933	SODIUM,PLUS POTASSIUM (MG/L)	05/25/65-05/25/65	0	1	
CANY0266	Yes	00933	SODIUM,PLUS POTASSIUM (MG/L)	05/18/65-05/18/65	0	1	
CANY0003	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/17/86-09/17/86	0	1	
CANY0006	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/09/79-06/12/80	0	2	
CANY0007	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/20/77-01/30/78	0	2	
CANY0010	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/12/80-06/15/82	2	2	
CANY0011	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/16/78-06/16/78	0	1	
CANY0012	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/09/79-06/12/80	0	2	
CANY0013	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/09/79-06/12/80	0	2	
CANY0014	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/14/78-06/14/78	0	1	
CANY0016	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/22/87-09/22/87	0	1	
CANY0017	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/17/78-06/17/78	0	1	
CANY0018	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/09/79-06/12/80	0	2	
CANY0020	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/12/80-06/12/80	0	1	
CANY0021	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/06/93-11/30/99	6	11	
CANY0022	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/15/78-06/15/78	0	1	
CANY0023	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/15/78-06/15/78	0	1	
CANY0024	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/29/76-09/15/81	5	2	
CANY0028	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/06/93-11/30/99	6	11	
CANY0030	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/02/77-06/24/98	20	23	
CANY0031	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/15/78-06/15/78	0	1	
CANY0036	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/24/77-03/24/77	0	1	
CANY0038	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/02/77-03/21/78	0	2	
CANY0040	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/02/77-11/30/99	22	18	
CANY0043	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/18/78-06/18/78	0	1	
CANY0044	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/24/91-05/15/92	0	3	
CANY0052	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/01/68-07/01/68	0	1	
CANY0054	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/14/95-09/09/99	4	8	
CANY0057	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/12/90-08/05/99	9	12	
CANY0061	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/23/90-05/17/92	1	4	
CANY0063	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/14/95-09/09/99	4	10	
CANY0064	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/14/95-09/09/99	4	9	
CANY0067	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/20/78-07/20/78	0	1	
CANY0069	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/21/90-05/18/92	1	4	
CANY0078	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/20/69-05/20/69	0	1	
CANY0079	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/14/78-06/14/78	0	1	
CANY0080	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/02/68-05/02/68	0	1	
CANY0083	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/05/78-08/05/78	0	1	
CANY0084	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	12/02/70-12/02/70	0	1	
CANY0086	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/15/78-06/15/78	0	1	
CANY0090	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/09/68-10/09/68	0	1	
CANY0091	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/23/90-12/09/99	9	20	
CANY0095	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/04/69-09/04/69	0	1	
CANY0097	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/24/90-04/30/92	1	4	
CANY0099	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/23/90-04/30/92	1	4	
CANY0100	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/14/78-07/14/78	0	1	
CANY0101	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/17/68-07/17/68	0	1	
CANY0107	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/23/90-09/23/90	0	1	
CANY0109	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/21/90-05/16/92	1	4	
CANY0110	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/02/68-05/02/68	0	1	
CANY0113	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/23/91-05/16/92	0	3	
CANY0115	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/02/78-07/02/78	0	1	
CANY0116	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/02/68-05/02/68	0	1	
CANY0117	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/27/79-03/16/82	2	6	
CANY0118	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/27/79-03/16/82	2	7	
CANY0119	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/01/78-07/01/78	0	1	

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**Station/Parameter Period of Record Tabulation
From 10/02/48 To 12/09/99**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
CANY0120	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/29/84-07/21/86	2	6	
CANY0121	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/18/83-09/18/84	1	13	
CANY0122	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/21/78-07/21/78	0	1	
CANY0123	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/30/90-12/09/99	9	17	
CANY0128	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/26/91-04/24/93	1	4	
CANY0131	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/05/70-03/05/70	0	1	
CANY0133	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/08/70-04/08/70	0	1	
CANY0135	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/30/90-05/16/92	1	4	
CANY0137	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/08/70-04/08/70	0	1	
CANY0143	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/07/70-04/07/70	0	1	
CANY0146	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/23/90-10/23/90	0	1	
CANY0150	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/23/90-05/01/92	1	4	
CANY0153	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/04/83-08/04/99	16	63	T,S
CANY0154	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/23/90-05/02/92	1	3	
CANY0156	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/04/83-08/04/99	16	59	T,S
CANY0159	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/30/90-05/16/92	1	4	
CANY0160	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/20/69-05/20/69	0	1	
CANY0164	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/23/77-10/23/77	0	1	
CANY0165	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/04/93-12/09/99	6	17	
CANY0167	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/27/80-03/27/80	0	1	
CANY0174	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/21/78-03/21/78	0	1	
CANY0176	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/12/83-04/12/83	0	1	
CANY0177	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/07/74-08/07/74	0	1	
CANY0178	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/26/90-10/26/90	0	1	
CANY0183	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/12/83-04/12/83	0	1	
CANY0185	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/07/70-04/07/70	0	1	
CANY0187	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/25/90-09/19/99	8	22	
CANY0188	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/12/83-04/12/83	0	1	
CANY0189	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/22/78-06/22/78	0	1	
CANY0191	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/25/90-05/04/92	1	4	
CANY0194	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/25/90-09/19/99	8	21	
CANY0198	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/26/90-02/28/99	8	2	
CANY0199	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/22/78-03/25/81	3	5	
CANY0200	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/15/57-09/03/69	12	2	
CANY0202	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/14/91-05/14/91	0	1	
CANY0207	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/25/90-05/03/92	1	4	
CANY0211	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/22/57-05/22/57	0	1	
CANY0216	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/09/97-09/09/97	0	1	
CANY0217	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/16/91-08/20/97	6	26	
CANY0221	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/28/78-07/28/78	0	1	
CANY0225	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/22/77-10/22/77	0	1	
CANY0227	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/15/83-08/06/98	15	53	T,S
CANY0229	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/21/77-08/21/77	0	1	
CANY0231	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/21/77-08/21/77	0	1	
CANY0235	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/21/77-08/21/77	0	1	
CANY0236	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/27/78-04/29/81	3	3	
CANY0237	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/27/78-04/29/81	3	3	
CANY0238	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/14/88-03/02/89	0	5	
CANY0239	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/13/69-11/13/69	0	1	
CANY0240	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/04/70-03/04/70	0	1	
CANY0243	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/13/78-06/13/78	0	1	
CANY0244	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/29/80-04/29/81	1	2	
CANY0245	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/14/88-05/01/89	1	6	
CANY0246	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/14/88-05/01/89	1	6	
CANY0247	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/14/88-05/01/89	1	6	
CANY0249	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/14/68-05/14/68	0	1	
CANY0250	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/14/91-09/09/98	7	3	
CANY0252	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/13/78-06/13/78	0	1	
CANY0257	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/12/78-06/12/78	0	1	
CANY0258	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/15/78-06/15/78	0	1	
CANY0260	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/27/90-05/05/92	1	4	
CANY0264	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/04/90-04/18/92	1	4	
CANY0265	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/04/90-04/18/92	1	3	
CANY0266	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/24/67-10/24/67	0	1	
CANY0271	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/04/70-03/04/70	0	1	
CANY0272	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/01/77-07/01/77	0	1	
CANY0273	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/27/90-09/19/99	8	5	
CANY0275	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/12/69-11/12/69	0	1	
CANY0276	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/21/91-10/04/99	8	32	
CANY0277	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/18/91-04/12/99	7	48	
CANY0278	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/17/97-09/03/98	0	4	
CANY0279	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/04/90-10/04/90	0	1	

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Station/Parameter Period of Record Tabulation
From 10/02/48 To 12/09/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
CANY0282	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/14/89-05/17/96	6	7	
CANY0284	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/15/91-08/06/98	7	29	
CANY0287	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/14/89-10/04/99	9	36	
CANY0288	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/23/77-01/27/81	3	28	
CANY0289	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/22/77-08/22/77	0	1	
CANY0290	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/14/89-10/04/99	9	35	
CANY0291	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/14/77-09/06/99	22	60	T,S
CANY0294	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/03/91-05/14/92	0	2	
CANY0295	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/03/92-09/05/99	7	3	
CANY0297	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/14/77-09/19/77	0	4	
CANY0298	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/01/89-09/04/99	10	3	
CANY0041	No	00937	POTASSIUM, TOTAL MG/L AS K)	06/18/80-11/12/80	0	2	
CANY0178	No	00937	POTASSIUM, TOTAL MG/L AS K)	06/18/80-11/12/80	0	2	
CANY0198	No	00937	POTASSIUM, TOTAL MG/L AS K)	11/12/80-04/24/81	0	2	
CANY0208	No	00937	POTASSIUM, TOTAL MG/L AS K)	11/14/80-04/24/81	0	2	
CANY0209	No	00937	POTASSIUM, TOTAL MG/L AS K)	11/13/80-04/24/81	0	2	
CANY0210	No	00937	POTASSIUM, TOTAL MG/L AS K)	11/13/80-04/24/81	0	2	
CANY0224	No	00937	POTASSIUM, TOTAL MG/L AS K)	11/14/80-04/24/81	0	2	
CANY0241	No	00937	POTASSIUM, TOTAL MG/L AS K)	11/14/80-04/24/81	0	2	
CANY0248	No	00937	POTASSIUM, TOTAL MG/L AS K)	11/14/80-11/14/80	0	1	
CANY0255	No	00937	POTASSIUM, TOTAL MG/L AS K)	11/14/80-04/24/81	0	2	
CANY0270	No	00937	POTASSIUM, TOTAL MG/L AS K)	04/24/81-04/24/81	0	1	
CANY0283	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	06/17/80-11/14/80	0	2	
CANY0035	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/02/48-10/02/48	0	1	
CANY0047	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	06/15/87-05/22/90	2	6	
CANY0052	No	00940	CHLORIDE,TOTAL IN WATER MG/L	07/01/68-07/01/68	0	1	
CANY0060	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	06/09/87-05/17/90	2	7	
CANY0068	No	00940	CHLORIDE,TOTAL IN WATER MG/L	06/16/87-05/16/90	2	5	
CANY0078	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	05/20/69-05/20/69	0	1	
CANY0080	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	05/02/68-05/02/68	0	1	
CANY0084	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	12/02/70-12/02/70	0	1	
CANY0087	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	07/14/87-04/07/88	0	2	
CANY0090	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	10/09/68-10/09/68	0	1	
CANY0092	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	06/08/87-05/20/90	2	7	
CANY0095	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/04/69-09/04/69	0	1	
CANY0096	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	10/21/87-05/07/90	2	6	
CANY0098	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	04/25/87-05/07/90	3	7	
CANY0101	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	07/17/68-07/17/68	0	1	
CANY0104	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	05/20/88-05/20/88	0	1	
CANY0105	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	06/09/87-05/17/90	2	7	
CANY0108	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	06/08/87-05/20/90	2	7	
CANY0110	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	05/02/68-05/02/68	0	1	
CANY0111	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	06/09/87-05/17/90	2	7	
CANY0116	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	05/02/68-05/02/68	0	1	
CANY0120	No	00940	CHLORIDE,TOTAL IN WATER MG/L	05/29/84-07/21/86	2	6	
CANY0121	No	00940	CHLORIDE,TOTAL IN WATER MG/L	03/18/83-09/18/84	1	13	
CANY0124	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	06/11/87-05/18/90	2	8	
CANY0130	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/10/87-05/18/90	2	5	
CANY0131	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	03/05/70-03/05/70	0	1	
CANY0133	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	04/08/70-04/08/70	0	1	
CANY0134	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	06/12/87-05/20/90	2	7	
CANY0137	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	04/08/70-04/08/70	0	1	
CANY0143	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	04/07/70-04/07/70	0	1	
CANY0144	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	10/19/87-05/10/90	2	6	
CANY0147	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	10/17/87-10/06/89	1	5	
CANY0149	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	04/24/87-05/10/90	3	6	
CANY0158	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	06/11/87-05/22/90	2	7	
CANY0160	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	05/20/69-05/20/69	0	1	
CANY0163	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	07/11/87-04/06/88	0	2	
CANY0164	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	10/23/77-10/23/77	0	1	
CANY0175	No	00940	CHLORIDE,TOTAL IN WATER MG/L	04/24/87-10/08/88	1	4	
CANY0176	No	00940	CHLORIDE,TOTAL IN WATER MG/L	04/12/83-04/12/83	0	1	
CANY0183	No	00940	CHLORIDE,TOTAL IN WATER MG/L	04/12/83-04/12/83	0	1	
CANY0185	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	04/07/70-04/07/70	0	1	
CANY0186	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	04/23/87-05/11/90	3	7	
CANY0188	No	00940	CHLORIDE,TOTAL IN WATER MG/L	04/12/83-04/12/83	0	1	
CANY0192	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/28/86-05/08/90	3	8	
CANY0193	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	04/22/87-05/11/90	3	7	
CANY0196	No	00940	CHLORIDE,TOTAL IN WATER MG/L	04/23/86-05/11/90	4	6	
CANY0200	No	00940	CHLORIDE,TOTAL IN WATER MG/L	05/15/57-09/03/69	12	2	
CANY0203	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	04/30/88-05/08/90	2	5	
CANY0206	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	06/06/85-05/08/90	4	5	

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

Station/Parameter Period of Record Tabulation From 10/02/48 To 12/09/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
CANY0211	No	00940	CHLORIDE, TOTAL IN WATER MG/L	05/22/57-05/22/57	0	1	
CANY0215	Yes	00940	CHLORIDE, TOTAL IN WATER MG/L	04/08/87-04/08/87	0	1	
CANY0225	Yes	00940	CHLORIDE, TOTAL IN WATER MG/L	10/22/77-10/22/77	0	1	
CANY0229	Yes	00940	CHLORIDE, TOTAL IN WATER MG/L	08/21/77-08/21/77	0	1	
CANY0231	Yes	00940	CHLORIDE, TOTAL IN WATER MG/L	08/21/77-08/21/77	0	1	
CANY0232	Yes	00940	CHLORIDE, TOTAL IN WATER MG/L	09/07/87-09/12/89	2	5	
CANY0235	Yes	00940	CHLORIDE, TOTAL IN WATER MG/L	08/21/77-08/21/77	0	1	
CANY0238	Yes	00940	CHLORIDE, TOTAL IN WATER MG/L	04/14/88-03/02/89	0	5	
CANY0239	Yes	00940	CHLORIDE, TOTAL IN WATER MG/L	11/13/69-11/13/69	0	1	
CANY0240	Yes	00940	CHLORIDE, TOTAL IN WATER MG/L	03/04/70-03/04/70	0	1	
CANY0245	Yes	00940	CHLORIDE, TOTAL IN WATER MG/L	04/14/88-05/01/89	1	6	
CANY0246	Yes	00940	CHLORIDE, TOTAL IN WATER MG/L	04/14/88-05/01/89	1	6	
CANY0247	Yes	00940	CHLORIDE, TOTAL IN WATER MG/L	04/14/88-05/01/89	1	6	
CANY0249	Yes	00940	CHLORIDE, TOTAL IN WATER MG/L	05/25/65-05/14/68	2	2	
CANY0251	Yes	00940	CHLORIDE, TOTAL IN WATER MG/L	09/08/87-03/23/90	2	6	
CANY0261	Yes	00940	CHLORIDE, TOTAL IN WATER MG/L	06/30/87-05/12/90	2	5	
CANY0262	Yes	00940	CHLORIDE, TOTAL IN WATER MG/L	05/19/87-03/22/90	2	7	
CANY0266	Yes	00940	CHLORIDE, TOTAL IN WATER MG/L	05/18/65-10/24/67	2	2	
CANY0267	Yes	00940	CHLORIDE, TOTAL IN WATER MG/L	04/27/87-03/22/90	2	4	
CANY0271	Yes	00940	CHLORIDE, TOTAL IN WATER MG/L	03/04/70-03/04/70	0	1	
CANY0272	Yes	00940	CHLORIDE, TOTAL IN WATER MG/L	07/01/77-07/01/77	0	1	
CANY0274	Yes	00940	CHLORIDE, TOTAL IN WATER MG/L	07/10/85-05/11/90	4	5	
CANY0275	Yes	00940	CHLORIDE, TOTAL IN WATER MG/L	11/12/69-11/12/69	0	1	
CANY0280	Yes	00940	CHLORIDE, TOTAL IN WATER MG/L	09/07/87-03/28/90	2	3	
CANY0289	No	00940	CHLORIDE, TOTAL IN WATER MG/L	08/22/77-08/22/77	0	1	
CANY0003	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/17/86-09/17/86	0	1	
CANY0006	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/09/79-06/12/80	0	2	
CANY0007	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/20/77-01/30/78	0	2	
CANY0010	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/12/80-06/15/82	2	2	
CANY0011	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/16/78-06/16/78	0	1	
CANY0012	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/09/79-06/12/80	0	2	
CANY0013	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/09/79-06/12/80	0	2	
CANY0014	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/14/78-06/14/78	0	1	
CANY0016	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/22/87-09/22/87	0	1	
CANY0017	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/17/78-06/17/78	0	1	
CANY0018	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/09/79-06/12/80	0	2	
CANY0020	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/12/80-06/12/80	0	1	
CANY0021	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/06/93-11/30/99	6	11	
CANY0022	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/15/78-06/15/78	0	1	
CANY0023	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/15/78-06/15/78	0	1	
CANY0024	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/29/76-09/15/81	5	2	
CANY0028	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/06/93-11/30/99	6	11	
CANY0029	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	04/28/84-04/28/84	0	1	
CANY0030	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/02/77-06/24/98	20	23	
CANY0031	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/15/78-06/15/78	0	1	
CANY0036	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/24/77-03/24/77	0	1	
CANY0037	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	04/28/84-04/28/84	0	1	
CANY0038	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/02/77-03/21/78	0	2	
CANY0040	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/02/77-11/30/99	22	18	
CANY0041	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/18/80-11/12/80	0	2	
CANY0043	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/18/78-06/18/78	0	1	
CANY0044	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/24/91-05/15/92	0	3	
CANY0050	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	04/23/84-04/23/84	0	1	
CANY0054	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/14/95-09/09/99	4	8	
CANY0056	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	04/23/84-04/23/84	0	1	
CANY0057	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/12/90-08/05/99	9	12	
CANY0061	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/23/91-05/17/92	0	3	
CANY0063	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/14/95-09/09/99	4	10	
CANY0064	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/14/95-09/09/99	4	9	
CANY0067	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/20/78-07/20/78	0	1	
CANY0069	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/26/91-05/18/92	0	3	
CANY0072	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	04/27/84-04/27/84	0	1	
CANY0074	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	04/23/84-04/23/84	0	1	
CANY0077	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	04/28/84-04/28/84	0	1	
CANY0079	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/14/78-06/14/78	0	1	
CANY0083	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/05/78-08/05/78	0	1	
CANY0086	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/15/78-06/15/78	0	1	
CANY0088	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	04/26/84-04/26/84	0	1	
CANY0091	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/23/91-12/09/99	8	19	
CANY0097	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/24/90-04/30/92	1	4	
CANY0099	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/23/90-04/30/92	1	4	
CANY0100	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/14/78-07/14/78	0	1	

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

Station/Parameter Period of Record Tabulation **From 10/02/48 To 12/09/99**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
CANY0109	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/23/91-05/16/92	0	3	
CANY0113	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/23/91-05/16/92	0	3	
CANY0115	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/02/78-07/02/78	0	1	
CANY0117	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/27/79-03/16/82	2	6	
CANY0118	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/27/79-04/24/84	5	8	
CANY0119	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/01/78-07/01/78	0	1	
CANY0122	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/21/78-07/21/78	0	1	
CANY0123	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/30/90-12/09/99	9	17	
CANY0126	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	04/27/84-04/27/84	0	1	
CANY0127	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	04/27/84-04/27/84	0	1	
CANY0128	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/26/91-04/24/93	1	4	
CANY0132	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	04/28/84-04/28/84	0	1	
CANY0135	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/30/90-05/16/92	1	4	
CANY0146	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/23/90-10/23/90	0	1	
CANY0150	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/23/90-05/01/92	1	4	
CANY0151	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	04/27/84-04/27/84	0	1	
CANY0153	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/04/83-08/04/99	16	63	T,S
CANY0154	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/23/90-05/02/92	1	3	
CANY0156	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/04/83-08/04/99	16	59	T,S
CANY0157	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	04/27/84-04/27/84	0	1	
CANY0159	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/30/90-05/16/92	1	4	
CANY0161	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	04/24/84-04/24/84	0	1	
CANY0165	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/04/93-12/09/99	6	17	
CANY0167	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/27/80-03/27/80	0	1	
CANY0172	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	04/27/84-04/27/84	0	1	
CANY0174	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/21/78-03/21/78	0	1	
CANY0177	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/07/74-08/07/74	0	1	
CANY0178	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/18/80-10/26/90	10	3	
CANY0187	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/25/90-09/19/99	8	22	
CANY0189	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/22/78-06/22/78	0	1	
CANY0191	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/25/90-05/04/92	1	4	
CANY0194	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/25/90-09/19/99	8	21	
CANY0198	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	11/12/80-02/28/99	18	4	
CANY0199	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/22/78-03/25/81	3	5	
CANY0202	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/14/91-05/14/91	0	1	
CANY0207	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/25/90-05/03/92	1	4	
CANY0208	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	11/14/80-04/24/81	0	2	
CANY0209	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	11/13/80-04/24/81	0	2	
CANY0210	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	11/13/80-04/24/81	0	2	
CANY0213	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	04/26/84-04/26/84	0	1	
CANY0216	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/09/97-09/09/97	0	1	
CANY0217	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	04/16/91-08/20/97	6	26	
CANY0218	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	04/26/84-04/26/84	0	1	
CANY0221	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/28/78-07/28/78	0	1	
CANY0224	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	11/14/80-04/24/81	0	2	
CANY0227	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/15/83-08/06/98	15	53	T,S
CANY0236	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/27/78-04/29/81	3	3	
CANY0237	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/27/78-04/29/81	3	3	
CANY0241	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	11/14/80-04/24/81	0	2	
CANY0243	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/13/78-06/13/78	0	1	
CANY0244	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	04/29/80-04/29/81	1	2	
CANY0248	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	11/14/80-11/14/80	0	1	
CANY0250	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/14/91-09/09/98	7	3	
CANY0252	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/13/78-06/13/78	0	1	
CANY0255	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	11/14/80-04/24/81	0	2	
CANY0257	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/12/78-06/12/78	0	1	
CANY0258	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/15/78-06/15/78	0	1	
CANY0260	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/27/90-05/05/92	1	4	
CANY0264	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/04/90-04/18/92	1	4	
CANY0265	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/04/90-04/18/92	1	3	
CANY0270	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	04/24/81-04/24/81	0	1	
CANY0273	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/27/90-09/19/99	8	5	
CANY0276	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/21/91-10/04/99	8	32	
CANY0277	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/18/91-04/12/99	7	48	
CANY0278	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	11/17/97-09/03/98	0	4	
CANY0279	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/04/90-10/04/90	0	1	
CANY0282	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	11/14/89-05/17/96	6	7	
CANY0283	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/17/80-11/14/80	0	2	
CANY0284	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	04/15/91-08/06/98	7	29	
CANY0287	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	11/14/89-10/04/99	9	36	
CANY0288	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/23/77-01/27/81	3	28	
CANY0290	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	11/14/89-10/04/99	9	35	

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

Station/Parameter Period of Record Tabulation From 10/02/48 To 12/09/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
CANY0291	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/14/77-09/06/99	22	60	T,S
CANY0294	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/03/91-05/14/92	0	2	
CANY0295	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/03/92-09/05/99	7	3	
CANY0297	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/14/77-09/19/77	0	4	
CANY0298	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/01/89-09/04/99	10	3	
CANY0035	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/02/48-10/02/48	0	1	
CANY0046	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/24/83-08/24/83	0	1	
CANY0047	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	05/08/85-05/22/90	5	8	
CANY0049	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/24/83-08/24/83	0	1	
CANY0052	No	00945	SULFATE, TOTAL (MG/L AS SO4)	07/01/68-07/01/68	0	1	
CANY0060	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	02/13/85-05/17/90	5	10	
CANY0062	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/24/83-08/24/83	0	1	
CANY0065	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/24/83-08/24/83	0	1	
CANY0068	No	00945	SULFATE, TOTAL (MG/L AS SO4)	02/12/85-05/16/90	5	8	
CANY0070	No	00945	SULFATE, TOTAL (MG/L AS SO4)	08/24/83-08/24/83	0	1	
CANY0078	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	05/20/69-05/20/69	0	1	
CANY0080	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	05/02/68-05/02/68	0	1	
CANY0084	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	12/02/70-12/02/70	0	1	
CANY0087	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	04/24/85-04/07/88	2	4	
CANY0090	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	10/09/68-10/09/68	0	1	
CANY0092	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	05/22/86-05/20/90	3	8	
CANY0095	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/04/69-09/04/69	0	1	
CANY0096	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	10/16/84-05/07/90	5	10	
CANY0098	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	10/16/84-05/07/90	5	10	
CANY0101	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	07/17/68-07/17/68	0	1	
CANY0104	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	02/14/85-05/20/88	3	4	
CANY0105	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/28/85-05/17/90	4	8	
CANY0108	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	02/13/85-05/20/90	5	11	
CANY0110	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	05/02/68-05/02/68	0	1	
CANY0111	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	02/12/85-05/17/90	5	10	
CANY0112	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/24/83-08/24/83	0	1	
CANY0116	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	05/02/68-05/02/68	0	1	
CANY0120	No	00945	SULFATE, TOTAL (MG/L AS SO4)	05/29/84-07/21/86	2	6	
CANY0121	No	00945	SULFATE, TOTAL (MG/L AS SO4)	03/18/83-09/18/84	1	13	
CANY0124	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	02/12/85-05/18/90	5	11	
CANY0125	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/24/83-08/24/83	0	1	
CANY0129	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/24/83-08/24/83	0	1	
CANY0130	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	02/14/85-05/18/90	5	9	
CANY0131	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	03/05/70-03/05/70	0	1	
CANY0133	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	04/08/70-04/08/70	0	1	
CANY0134	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	02/14/85-05/20/90	5	10	
CANY0136	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/24/83-08/24/83	0	1	
CANY0137	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	04/08/70-04/08/70	0	1	
CANY0143	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	04/07/70-04/07/70	0	1	
CANY0144	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	10/14/84-05/10/90	5	12	
CANY0147	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	10/15/84-10/06/89	4	11	
CANY0149	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	10/15/84-05/10/90	5	10	
CANY0152	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/01/83-09/01/83	0	1	
CANY0155	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/01/83-09/01/83	0	1	
CANY0158	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	02/11/85-05/22/90	5	10	
CANY0160	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	05/20/69-05/20/69	0	1	
CANY0162	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/01/83-09/01/83	0	1	
CANY0163	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	07/10/85-07/11/87	2	3	
CANY0164	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	10/23/77-10/23/77	0	1	
CANY0175	No	00945	SULFATE, TOTAL (MG/L AS SO4)	09/30/84-10/08/89	5	7	
CANY0176	No	00945	SULFATE, TOTAL (MG/L AS SO4)	04/12/83-04/12/83	0	1	
CANY0183	No	00945	SULFATE, TOTAL (MG/L AS SO4)	04/12/83-04/12/83	0	1	
CANY0185	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	04/07/70-04/07/70	0	1	
CANY0186	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	06/04/85-05/11/90	4	9	
CANY0188	No	00945	SULFATE, TOTAL (MG/L AS SO4)	04/12/83-04/12/83	0	1	
CANY0192	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	10/01/84-05/08/90	5	11	
CANY0193	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	10/02/84-05/11/90	5	11	
CANY0196	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/03/84-05/11/90	5	8	
CANY0200	No	00945	SULFATE, TOTAL (MG/L AS SO4)	05/15/57-09/03/69	12	2	
CANY0203	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	06/06/85-05/08/90	4	8	
CANY0206	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	10/01/84-05/08/90	5	9	
CANY0211	No	00945	SULFATE, TOTAL (MG/L AS SO4)	05/22/57-05/22/57	0	1	
CANY0215	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	04/08/87-04/08/87	0	1	
CANY0225	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	10/22/77-10/22/77	0	1	
CANY0226	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/01/83-09/01/83	0	1	
CANY0228	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/01/83-09/01/83	0	1	
CANY0229	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/21/77-08/21/77	0	1	

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Station/Parameter Period of Record Tabulation From 10/02/48 To 12/09/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
CANY0231	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/21/77-08/21/77	0	1	
CANY0232	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/11/84-09/12/89	5	11	
CANY0234	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/29/83-08/29/83	0	1	
CANY0235	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/21/77-08/21/77	0	1	
CANY0238	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	04/14/88-03/02/89	0	5	
CANY0239	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	11/13/69-11/13/69	0	1	
CANY0240	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	03/04/70-03/04/70	0	1	
CANY0245	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	04/14/88-05/01/89	1	6	
CANY0246	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	04/14/88-05/01/89	1	6	
CANY0247	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	04/14/88-05/01/89	1	6	
CANY0249	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	05/25/65-05/14/68	2	2	
CANY0251	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	10/29/84-03/23/90	5	11	
CANY0261	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/27/84-05/12/90	5	9	
CANY0262	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/22/84-03/22/90	5	11	
CANY0263	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/29/83-08/29/83	0	1	
CANY0266	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	05/18/65-10/24/67	2	2	
CANY0267	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/22/84-03/22/90	5	7	
CANY0268	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/29/83-08/29/83	0	1	
CANY0271	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	03/04/70-03/04/70	0	1	
CANY0272	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	07/01/77-07/01/77	0	1	
CANY0274	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	07/10/85-05/11/90	4	7	
CANY0275	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	11/12/69-11/12/69	0	1	
CANY0280	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/11/84-03/28/90	5	9	
CANY0281	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/29/83-08/29/83	0	1	
CANY0289	No	00945	SULFATE, TOTAL (MG/L AS SO4)	08/22/77-08/22/77	0	1	
CANY0292	No	00945	SULFATE, TOTAL (MG/L AS SO4)	09/01/83-09/01/83	0	1	
CANY0003	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	09/17/86-09/17/86	0	1	
CANY0005	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/02/80-06/02/80	0	1	
CANY0006	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/09/79-06/12/80	0	2	
CANY0007	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/20/77-01/30/78	0	2	
CANY0010	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/12/80-06/15/82	2	2	
CANY0011	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/16/78-06/16/78	0	1	
CANY0012	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/09/79-06/12/80	0	2	
CANY0013	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/09/79-06/12/80	0	2	
CANY0014	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/14/78-06/14/78	0	1	
CANY0016	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	09/22/87-09/22/87	0	1	
CANY0017	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/17/78-06/17/78	0	1	
CANY0018	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/09/79-06/12/80	0	2	
CANY0020	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/12/80-06/12/80	0	1	
CANY0021	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/06/93-11/30/99	6	11	
CANY0022	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/15/78-06/15/78	0	1	
CANY0023	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/15/78-06/15/78	0	1	
CANY0024	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/29/76-09/15/81	5	2	
CANY0026	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/02/80-06/02/80	0	1	
CANY0028	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/06/93-11/30/99	6	11	
CANY0029	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	04/28/84-04/28/84	0	1	
CANY0030	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/02/77-06/24/98	20	23	
CANY0031	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/15/78-06/15/78	0	1	
CANY0036	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/24/77-03/24/77	0	1	
CANY0037	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	04/28/84-04/28/84	0	1	
CANY0038	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/02/77-03/21/78	0	2	
CANY0040	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/02/77-11/30/99	22	18	
CANY0041	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/18/80-11/12/80	0	2	
CANY0043	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/18/78-06/18/78	0	1	
CANY0044	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/24/91-05/15/92	0	3	
CANY0050	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	04/23/84-04/23/84	0	1	
CANY0054	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/14/95-09/09/99	4	8	
CANY0056	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	04/23/84-04/23/84	0	1	
CANY0057	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/12/90-08/05/99	9	12	
CANY0061	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	09/23/90-05/17/92	1	4	
CANY0063	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/14/95-09/09/99	4	10	
CANY0064	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/14/95-09/09/99	4	9	
CANY0066	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/22/83-08/22/83	0	1	
CANY0067	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/20/78-07/20/78	0	1	
CANY0069	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	09/21/90-05/18/92	1	4	
CANY0072	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	04/27/84-04/27/84	0	1	
CANY0074	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	04/23/84-04/23/84	0	1	
CANY0077	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	04/28/84-04/28/84	0	1	
CANY0079	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/14/78-06/14/78	0	1	
CANY0083	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/05/78-08/05/78	0	1	
CANY0086	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/15/78-06/15/78	0	1	
CANY0088	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	04/26/84-04/26/84	0	1	

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

Station/Parameter Period of Record Tabulation From 10/02/48 To 12/09/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
CANY0091	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	09/23/90-12/09/99	9	20	
CANY0097	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	10/24/90-04/30/92	1	4	
CANY0099	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	10/23/90-04/30/92	1	4	
CANY0100	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/14/78-07/14/78	0	1	
CANY0107	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	09/23/90-09/23/90	0	1	
CANY0109	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	09/21/90-05/16/92	1	4	
CANY0113	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/23/91-05/16/92	0	3	
CANY0115	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/02/78-07/02/78	0	1	
CANY0117	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/27/79-03/16/82	2	6	
CANY0118	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/27/79-04/24/84	5	8	
CANY0119	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/01/78-07/01/78	0	1	
CANY0122	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/21/78-07/21/78	0	1	
CANY0123	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/30/90-12/09/99	9	17	
CANY0126	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	04/27/84-04/27/84	0	1	
CANY0127	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	04/27/84-04/27/84	0	1	
CANY0128	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/26/91-04/24/93	1	4	
CANY0132	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	04/28/84-04/28/84	0	1	
CANY0135	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/30/90-05/16/92	1	4	
CANY0146	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	10/23/90-10/23/90	0	1	
CANY0150	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	10/23/90-05/01/92	1	4	
CANY0151	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	04/27/84-04/27/84	0	1	
CANY0153	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/04/83-08/04/99	16	63	T,S
CANY0154	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	10/23/90-05/02/92	1	3	
CANY0156	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/04/83-08/04/99	16	59	T,S
CANY0157	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	04/27/84-04/27/84	0	1	
CANY0159	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/30/90-05/16/92	1	4	
CANY0161	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	04/24/84-04/24/84	0	1	
CANY0165	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	10/04/93-12/09/99	6	17	
CANY0167	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/27/80-03/27/80	0	1	
CANY0172	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	04/27/84-04/27/84	0	1	
CANY0174	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/21/78-03/21/78	0	1	
CANY0177	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/07/74-08/07/74	0	1	
CANY0178	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/18/80-10/26/90	10	3	
CANY0187	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	10/25/90-09/19/99	8	22	
CANY0189	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/22/78-06/22/78	0	1	
CANY0191	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	10/25/90-05/04/92	1	4	
CANY0194	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	10/25/90-09/19/99	8	21	
CANY0198	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	11/12/80-02/28/99	18	4	
CANY0199	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/22/78-03/25/81	3	5	
CANY0202	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/14/91-05/14/91	0	1	
CANY0207	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	10/25/90-05/03/92	1	4	
CANY0208	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	11/14/80-04/24/81	0	2	
CANY0209	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	11/13/80-04/24/81	0	2	
CANY0210	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	11/13/80-04/24/81	0	2	
CANY0213	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	04/26/84-04/26/84	0	1	
CANY0216	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	09/09/97-09/09/97	0	1	
CANY0217	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	04/16/91-08/20/97	6	26	
CANY0218	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	04/26/84-04/26/84	0	1	
CANY0221	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/28/78-07/28/78	0	1	
CANY0224	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	11/14/80-04/24/81	0	2	
CANY0227	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/15/83-08/06/98	15	53	T,S
CANY0236	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/27/78-04/29/81	3	3	
CANY0237	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/27/78-04/29/81	3	3	
CANY0241	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	11/14/80-04/24/81	0	2	
CANY0243	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/13/78-06/13/78	0	1	
CANY0244	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	04/29/80-04/29/81	1	2	
CANY0248	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	11/14/80-11/14/80	0	1	
CANY0250	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/14/91-09/09/98	7	3	
CANY0252	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/13/78-06/13/78	0	1	
CANY0255	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	11/14/80-04/24/81	0	2	
CANY0257	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/12/78-06/12/78	0	1	
CANY0258	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/15/78-06/15/78	0	1	
CANY0260	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	10/27/90-05/05/92	1	4	
CANY0264	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	10/04/90-04/18/92	1	4	
CANY0265	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	10/04/90-04/18/92	1	3	
CANY0270	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	04/24/81-04/24/81	0	1	
CANY0273	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	10/27/90-09/19/99	8	5	
CANY0276	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/21/91-10/04/99	8	32	
CANY0277	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/18/91-04/12/99	7	48	
CANY0278	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	11/17/97-09/03/98	0	4	
CANY0279	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	10/04/90-10/04/90	0	1	
CANY0282	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	11/14/89-05/17/96	6	7	

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

Station/Parameter Period of Record Tabulation

From 10/02/48 To 12/09/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
CANY0283	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/17/80-11/14/80	0	2	
CANY0284	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	04/15/91-08/06/98	7	29	
CANY0287	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	11/14/89-10/04/99	9	35	
CANY0288	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/23/77-01/27/81	3	28	
CANY0290	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	11/14/89-10/04/99	9	35	
CANY0291	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/14/77-09/06/99	22	60	T,S
CANY0294	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	10/03/91-05/14/92	0	2	
CANY0295	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	09/03/92-09/05/99	7	3	
CANY0297	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/14/77-09/19/77	0	4	
CANY0298	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/01/89-09/04/99	10	3	
CANY0005	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/02/80-08/26/80	0	2	
CANY0006	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/09/79-06/12/80	0	2	
CANY0007	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/20/77-01/30/78	0	2	
CANY0010	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/12/80-06/12/80	0	1	
CANY0011	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/16/78-06/16/78	0	1	
CANY0012	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/09/79-06/12/80	0	2	
CANY0013	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/09/79-06/12/80	0	2	
CANY0014	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/14/78-06/14/78	0	1	
CANY0017	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/17/78-06/17/78	0	1	
CANY0018	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/09/79-06/12/80	0	2	
CANY0020	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/12/80-06/12/80	0	1	
CANY0022	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/15/78-06/15/78	0	1	
CANY0023	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/15/78-06/15/78	0	1	
CANY0024	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/29/76-09/15/81	5	2	
CANY0026	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/02/80-09/29/80	0	2	
CANY0030	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/02/77-03/25/81	3	7	
CANY0031	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/15/78-06/15/78	0	1	
CANY0036	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/24/77-03/24/77	0	1	
CANY0038	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/02/77-03/21/78	0	2	
CANY0040	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/02/77-03/28/81	3	6	
CANY0043	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/18/78-06/18/78	0	1	
CANY0052	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/01/68-07/01/68	0	1	
CANY0067	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/20/78-07/20/78	0	1	
CANY0078	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/20/69-05/20/69	0	1	
CANY0079	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/14/78-06/14/78	0	1	
CANY0080	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/02/68-05/02/68	0	1	
CANY0083	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/05/78-08/05/78	0	1	
CANY0084	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/02/70-12/02/70	0	1	
CANY0086	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/15/78-06/15/78	0	1	
CANY0090	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/09/68-10/09/68	0	1	
CANY0095	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/04/69-09/04/69	0	1	
CANY0100	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/14/78-07/14/78	0	1	
CANY0101	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/17/68-07/17/68	0	1	
CANY0110	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/02/68-05/02/68	0	1	
CANY0115	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/02/78-07/02/78	0	1	
CANY0116	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/02/68-05/02/68	0	1	
CANY0117	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/27/79-03/25/81	1	5	
CANY0118	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/27/79-09/15/81	2	6	
CANY0119	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/01/78-07/01/78	0	1	
CANY0120	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/29/84-07/21/86	2	6	
CANY0121	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/18/83-09/18/84	1	13	
CANY0122	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/21/78-07/21/78	0	1	
CANY0131	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/05/70-03/05/70	0	1	
CANY0133	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/08/70-04/08/70	0	1	
CANY0137	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/08/70-04/08/70	0	1	
CANY0143	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/07/70-04/07/70	0	1	
CANY0153	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/04/83-05/04/83	0	1	
CANY0156	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/04/83-05/04/83	0	1	
CANY0160	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/20/69-05/20/69	0	1	
CANY0164	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/23/77-10/23/77	0	1	
CANY0167	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/27/80-03/27/80	0	1	
CANY0174	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/21/78-03/21/78	0	1	
CANY0176	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/12/83-04/12/83	0	1	
CANY0177	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/07/74-08/07/74	0	1	
CANY0183	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/12/83-04/12/83	0	1	
CANY0185	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/07/70-04/07/70	0	1	
CANY0188	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/12/83-04/12/83	0	1	
CANY0189	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/22/78-06/22/78	0	1	
CANY0199	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/22/78-03/25/81	3	5	
CANY0200	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/15/57-09/03/69	12	2	
CANY0211	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/22/57-05/22/57	0	1	
CANY0221	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/28/78-07/28/78	0	1	

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Station/Parameter Period of Record Tabulation **From 10/02/48 To 12/09/99**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
CANY0225	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/22/77-10/22/77	0	1	
CANY0229	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/21/77-08/21/77	0	1	
CANY0231	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/21/77-08/21/77	0	1	
CANY0235	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/21/77-08/21/77	0	1	
CANY0236	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/27/78-04/29/81	3	3	
CANY0237	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/27/78-04/29/81	3	3	
CANY0238	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/14/88-03/02/89	0	5	
CANY0239	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/13/69-11/13/69	0	1	
CANY0240	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/04/70-03/04/70	0	1	
CANY0243	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/13/78-06/13/78	0	1	
CANY0244	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/29/80-04/29/81	1	2	
CANY0245	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/14/88-05/01/89	1	6	
CANY0246	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/14/88-05/01/89	1	6	
CANY0247	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/14/88-05/01/89	1	6	
CANY0249	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/14/68-05/14/68	0	1	
CANY0252	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/13/78-06/13/78	0	1	
CANY0257	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/12/78-06/12/78	0	1	
CANY0258	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/15/78-06/15/78	0	1	
CANY0266	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/24/67-10/24/67	0	1	
CANY0271	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/04/70-03/04/70	0	1	
CANY0272	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/01/77-07/01/77	0	1	
CANY0275	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/12/69-11/12/69	0	1	
CANY0288	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/23/77-01/27/81	3	28	
CANY0289	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/22/77-08/22/77	0	1	
CANY0291	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/14/77-05/04/83	5	20	
CANY0297	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/14/77-09/19/77	0	4	
CANY0006	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/09/79-06/12/80	0	2	
CANY0007	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	05/20/77-01/30/78	0	2	
CANY0010	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	06/12/80-06/12/80	0	1	
CANY0011	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	06/16/78-06/16/78	0	1	
CANY0012	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/09/79-06/12/80	0	2	
CANY0013	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/09/79-06/12/80	0	2	
CANY0014	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	06/14/78-06/14/78	0	1	
CANY0017	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	06/17/78-06/17/78	0	1	
CANY0018	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/09/79-06/12/80	0	2	
CANY0020	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	06/12/80-06/12/80	0	1	
CANY0022	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	06/15/78-06/15/78	0	1	
CANY0023	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	06/15/78-06/15/78	0	1	
CANY0024	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	06/29/76-09/15/81	5	2	
CANY0030	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/02/77-03/25/81	3	7	
CANY0031	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	06/15/78-06/15/78	0	1	
CANY0035	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/02/48-10/02/48	0	1	
CANY0036	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	03/24/77-03/24/77	0	1	
CANY0038	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/02/77-03/21/78	0	2	
CANY0040	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/02/77-03/28/81	3	6	
CANY0041	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	06/18/80-11/12/80	0	2	
CANY0043	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	06/18/78-06/18/78	0	1	
CANY0052	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/01/68-07/01/68	0	1	
CANY0067	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/20/78-07/20/78	0	1	
CANY0078	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	05/20/69-05/20/69	0	1	
CANY0079	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	06/14/78-06/14/78	0	1	
CANY0080	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	05/02/68-05/02/68	0	1	
CANY0083	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/05/78-08/05/78	0	1	
CANY0084	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	12/02/70-12/02/70	0	1	
CANY0086	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	06/15/78-06/15/78	0	1	
CANY0090	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/09/68-10/09/68	0	1	
CANY0095	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/04/69-09/04/69	0	1	
CANY0100	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/14/78-07/14/78	0	1	
CANY0101	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/17/68-07/17/68	0	1	
CANY0110	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	05/02/68-05/02/68	0	1	
CANY0115	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/02/78-07/02/78	0	1	
CANY0116	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	05/02/68-05/02/68	0	1	
CANY0117	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	03/27/79-03/25/81	1	5	
CANY0118	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	03/27/79-09/15/81	2	6	
CANY0119	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/01/78-07/01/78	0	1	
CANY0120	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	05/29/84-07/21/86	2	6	
CANY0121	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	03/18/83-09/18/84	1	13	
CANY0122	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/21/78-07/21/78	0	1	
CANY0131	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	03/05/70-03/05/70	0	1	
CANY0133	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	04/08/70-04/08/70	0	1	
CANY0137	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	04/08/70-04/08/70	0	1	
CANY0143	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	04/07/70-04/07/70	0	1	

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

Station/Parameter Period of Record Tabulation From 10/02/48 To 12/09/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
CANY0153	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	05/04/83-05/04/83	0	1	
CANY0156	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	05/04/83-05/04/83	0	1	
CANY0160	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	05/20/69-05/20/69	0	1	
CANY0164	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/23/77-10/23/77	0	1	
CANY0167	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	03/27/80-03/27/80	0	1	
CANY0174	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	03/21/78-03/21/78	0	1	
CANY0176	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	04/12/83-04/12/83	0	1	
CANY0177	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/07/74-08/07/74	0	1	
CANY0178	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	06/18/80-11/12/80	0	2	
CANY0183	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	04/12/83-04/12/83	0	1	
CANY0185	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	04/07/70-04/07/70	0	1	
CANY0188	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	04/12/83-04/12/83	0	1	
CANY0189	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	06/22/78-06/22/78	0	1	
CANY0198	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	11/12/80-04/24/81	0	2	
CANY0199	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	03/22/78-03/25/81	3	5	
CANY0200	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	05/15/57-09/03/69	12	2	
CANY0208	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	11/14/80-04/24/81	0	2	
CANY0209	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	11/13/80-04/24/81	0	2	
CANY0210	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	11/13/80-04/24/81	0	2	
CANY0211	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	05/22/57-05/22/57	0	1	
CANY0221	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/28/78-07/28/78	0	1	
CANY0224	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	11/14/80-04/24/81	0	2	
CANY0225	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/22/77-10/22/77	0	1	
CANY0229	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/21/77-08/21/77	0	1	
CANY0231	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/21/77-08/21/77	0	1	
CANY0235	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/21/77-08/21/77	0	1	
CANY0236	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	03/27/78-04/29/81	3	3	
CANY0237	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	03/27/78-04/29/81	3	3	
CANY0238	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	04/14/88-03/02/89	0	5	
CANY0239	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	11/13/69-11/13/69	0	1	
CANY0240	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	03/04/70-03/04/70	0	1	
CANY0241	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	11/14/80-04/24/81	0	2	
CANY0243	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	06/13/78-06/13/78	0	1	
CANY0244	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	04/29/80-04/29/81	1	2	
CANY0245	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	04/14/88-05/01/89	1	6	
CANY0246	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	04/14/88-05/01/89	1	6	
CANY0247	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	04/14/88-05/01/89	1	6	
CANY0248	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	11/14/80-11/14/80	0	1	
CANY0249	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	05/25/65-05/14/68	2	2	
CANY0252	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	06/13/78-06/13/78	0	1	
CANY0255	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	11/14/80-04/24/81	0	2	
CANY0257	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	06/12/78-06/12/78	0	1	
CANY0258	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	06/15/78-06/15/78	0	1	
CANY0266	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	05/18/65-10/24/67	2	2	
CANY0270	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	04/24/81-04/24/81	0	1	
CANY0271	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	03/04/70-03/04/70	0	1	
CANY0272	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/01/77-07/01/77	0	1	
CANY0275	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	11/12/69-11/12/69	0	1	
CANY0283	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	06/17/80-11/14/80	0	2	
CANY0288	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/23/77-01/27/81	3	28	
CANY0289	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/22/77-08/22/77	0	1	
CANY0291	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	06/14/77-05/04/83	5	20	
CANY0297	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	06/14/77-09/19/77	0	4	
CANY0005	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	06/02/80-06/02/80	0	1	
CANY0006	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/09/79-08/09/79	0	1	
CANY0012	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/09/79-08/09/79	0	1	
CANY0018	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/09/79-08/09/79	0	1	
CANY0021	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	07/06/93-11/30/99	6	11	
CANY0024	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	09/15/81-09/15/81	0	1	
CANY0026	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	06/02/80-06/02/80	0	1	
CANY0028	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	07/06/93-11/30/99	6	11	
CANY0030	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	03/25/81-05/06/98	17	5	
CANY0038	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	03/21/78-03/21/78	0	1	
CANY0040	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	03/28/81-11/30/99	18	12	
CANY0052	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	07/01/68-07/01/68	0	1	
CANY0054	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	04/28/97-09/09/99	2	6	
CANY0057	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	07/02/93-08/05/99	6	12	
CANY0063	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	04/28/97-09/09/99	2	8	
CANY0064	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	04/28/97-09/09/99	2	8	
CANY0075	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	05/20/68-05/20/68	0	1	
CANY0080	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	05/02/68-05/02/68	0	1	
CANY0090	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/09/68-10/09/68	0	1	

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**Station/Parameter Period of Record Tabulation
From 10/02/48 To 12/09/99**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
CANY0091	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	05/07/96-12/09/99	3	11	
CANY0095	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	09/04/69-09/04/69	0	1	
CANY0110	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	05/02/68-05/02/68	0	1	
CANY0116	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	05/02/68-05/02/68	0	1	
CANY0117	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	03/27/79-03/25/81	1	4	
CANY0118	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	03/27/79-09/15/81	2	5	
CANY0123	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	05/07/96-12/09/99	3	12	
CANY0131	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	03/05/70-03/05/70	0	1	
CANY0137	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	04/08/70-04/08/70	0	1	
CANY0143	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	04/07/70-04/07/70	0	1	
CANY0153	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/08/92-08/04/99	6	29	
CANY0156	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/08/92-08/04/99	6	29	
CANY0160	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	05/20/69-05/20/69	0	1	
CANY0165	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/04/93-12/09/99	6	13	
CANY0177	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/07/74-08/07/74	0	1	
CANY0185	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	04/07/70-04/07/70	0	1	
CANY0187	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	09/30/93-09/19/99	5	12	
CANY0194	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	09/20/96-09/19/99	2	11	
CANY0198	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	02/28/99-02/28/99	0	1	
CANY0199	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	03/25/81-03/25/81	0	1	
CANY0216	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	09/09/97-09/09/97	0	1	
CANY0217	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/08/92-08/20/97	4	19	
CANY0227	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/08/92-08/06/98	5	21	
CANY0239	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	11/13/69-11/13/69	0	1	
CANY0240	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	03/04/70-03/04/70	0	1	
CANY0249	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	05/14/68-05/14/68	0	1	
CANY0250	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	09/09/98-09/09/98	0	1	
CANY0271	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	03/04/70-03/04/70	0	1	
CANY0273	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	12/01/98-09/19/99	0	4	
CANY0275	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	11/12/69-11/12/69	0	1	
CANY0277	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/08/92-08/06/98	5	16	
CANY0278	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	11/17/97-09/03/98	0	4	
CANY0279	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/04/90-10/04/90	0	1	
CANY0282	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/20/94-05/17/96	1	3	
CANY0284	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/08/92-08/06/98	5	22	
CANY0287	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/23/94-07/30/95	0	2	
CANY0288	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	09/20/77-01/27/81	3	17	
CANY0290	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/23/94-10/23/94	0	1	
CANY0291	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	09/19/77-09/06/99	21	22	
CANY0294	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	05/14/92-05/14/92	0	1	
CANY0295	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	09/03/92-09/05/99	7	3	
CANY0297	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	09/19/77-09/19/77	0	1	
CANY0298	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	05/12/92-09/04/99	7	2	
CANY0041	No	01002	ARSENIC, TOTAL (UG/L AS AS)	06/18/80-11/12/80	0	2	
CANY0118	No	01002	ARSENIC, TOTAL (UG/L AS AS)	03/27/80-03/16/82	1	2	
CANY0178	No	01002	ARSENIC, TOTAL (UG/L AS AS)	06/18/80-11/12/80	0	2	
CANY0198	No	01002	ARSENIC, TOTAL (UG/L AS AS)	11/12/80-04/24/81	0	2	
CANY0208	No	01002	ARSENIC, TOTAL (UG/L AS AS)	11/14/80-04/24/81	0	2	
CANY0209	No	01002	ARSENIC, TOTAL (UG/L AS AS)	11/13/80-04/24/81	0	2	
CANY0210	No	01002	ARSENIC, TOTAL (UG/L AS AS)	11/13/80-04/24/81	0	2	
CANY0224	No	01002	ARSENIC, TOTAL (UG/L AS AS)	11/14/80-04/24/81	0	2	
CANY0241	No	01002	ARSENIC, TOTAL (UG/L AS AS)	11/14/80-04/24/81	0	2	
CANY0248	No	01002	ARSENIC, TOTAL (UG/L AS AS)	11/14/80-11/14/80	0	1	
CANY0255	No	01002	ARSENIC, TOTAL (UG/L AS AS)	11/14/80-04/24/81	0	2	
CANY0270	No	01002	ARSENIC, TOTAL (UG/L AS AS)	04/24/81-04/24/81	0	1	
CANY0276	No	01002	ARSENIC, TOTAL (UG/L AS AS)	04/04/94-07/12/94	0	2	
CANY0277	No	01002	ARSENIC, TOTAL (UG/L AS AS)	04/04/94-07/12/94	0	2	
CANY0283	Yes	01002	ARSENIC, TOTAL (UG/L AS AS)	06/17/80-11/14/80	0	2	
CANY0287	No	01002	ARSENIC, TOTAL (UG/L AS AS)	04/04/94-07/12/94	0	2	
CANY0290	No	01002	ARSENIC, TOTAL (UG/L AS AS)	04/04/94-07/12/94	0	2	
CANY0053	No	01004	ARSENIC TOTAL IN FISH OR ANIMAL WET WT MG/KG	12/01/71-04/27/72	0	9	
CANY0005	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	08/26/80-08/26/80	0	1	
CANY0006	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	08/09/79-08/09/79	0	1	
CANY0012	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	08/09/79-08/09/79	0	1	
CANY0018	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	08/09/79-08/09/79	0	1	
CANY0021	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	07/06/93-11/30/99	6	11	
CANY0024	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	09/15/81-09/15/81	0	1	
CANY0026	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	09/29/80-09/29/80	0	1	
CANY0028	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	07/06/93-11/30/99	6	11	
CANY0030	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	03/25/81-05/06/98	17	5	
CANY0038	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	03/21/78-03/21/78	0	1	
CANY0040	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	03/28/81-11/30/99	18	12	

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

Station/Parameter Period of Record Tabulation From 10/02/48 To 12/09/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
CANY0052	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	07/01/68-07/01/68	0	1	
CANY0054	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	04/28/97-09/09/99	2	6	
CANY0057	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	07/02/93-08/05/99	6	12	
CANY0063	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	04/28/97-09/09/99	2	8	
CANY0064	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	04/28/97-09/09/99	2	8	
CANY0091	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	05/07/96-12/09/99	3	11	
CANY0117	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	03/27/79-03/25/81	1	4	
CANY0118	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	03/27/79-09/15/81	2	5	
CANY0123	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	05/07/96-12/09/99	3	12	
CANY0153	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	10/08/92-08/04/99	6	29	
CANY0156	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	10/08/92-08/04/99	6	29	
CANY0165	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	10/04/93-12/09/99	6	13	
CANY0177	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	08/07/74-08/07/74	0	1	
CANY0187	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	09/30/93-09/19/99	5	12	
CANY0194	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	09/20/96-09/19/99	2	11	
CANY0198	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	02/28/99-02/28/99	0	1	
CANY0199	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	03/25/81-03/25/81	0	1	
CANY0216	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	09/09/97-09/09/97	0	1	
CANY0217	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	10/08/92-08/20/97	4	19	
CANY0227	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	10/08/92-08/06/98	5	21	
CANY0238	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	04/14/88-03/02/89	0	5	
CANY0245	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	04/14/88-05/01/89	1	6	
CANY0246	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	08/17/88-05/01/89	0	5	
CANY0247	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	08/17/88-05/01/89	0	5	
CANY0250	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	09/09/98-09/09/98	0	1	
CANY0273	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	12/01/98-09/19/99	0	4	
CANY0277	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	10/08/92-08/06/98	5	16	
CANY0278	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	11/17/97-09/03/98	0	4	
CANY0279	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	10/04/90-10/04/90	0	1	
CANY0282	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	10/20/94-05/17/96	1	3	
CANY0284	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	10/08/92-08/06/98	5	22	
CANY0287	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	07/30/95-07/30/95	0	1	
CANY0288	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	03/13/79-01/27/81	1	15	
CANY0291	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	04/24/79-09/06/99	20	20	
CANY0294	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	05/14/92-05/14/92	0	1	
CANY0295	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	09/03/92-09/05/99	7	3	
CANY0298	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	05/12/92-09/04/99	7	2	
CANY0118	No	01007	BARIUM, TOTAL (UG/L AS BA)	03/27/80-03/16/82	1	2	
CANY0238	Yes	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	04/14/88-03/02/89	0	5	
CANY0245	Yes	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	04/14/88-05/01/89	1	6	
CANY0246	Yes	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	08/17/88-05/01/89	0	5	
CANY0247	Yes	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	08/17/88-05/01/89	0	5	
CANY0006	No	01020	BORON, DISSOLVED (UG/L AS B)	08/09/79-06/12/80	0	2	
CANY0007	No	01020	BORON, DISSOLVED (UG/L AS B)	05/20/77-01/30/78	0	2	
CANY0010	No	01020	BORON, DISSOLVED (UG/L AS B)	06/12/80-06/12/80	0	1	
CANY0011	No	01020	BORON, DISSOLVED (UG/L AS B)	06/16/78-06/16/78	0	1	
CANY0012	No	01020	BORON, DISSOLVED (UG/L AS B)	08/09/79-06/12/80	0	2	
CANY0013	No	01020	BORON, DISSOLVED (UG/L AS B)	08/09/79-06/12/80	0	2	
CANY0017	No	01020	BORON, DISSOLVED (UG/L AS B)	06/17/78-06/17/78	0	1	
CANY0018	No	01020	BORON, DISSOLVED (UG/L AS B)	08/09/79-06/12/80	0	2	
CANY0020	No	01020	BORON, DISSOLVED (UG/L AS B)	06/12/80-06/12/80	0	1	
CANY0022	No	01020	BORON, DISSOLVED (UG/L AS B)	06/15/78-06/15/78	0	1	
CANY0023	No	01020	BORON, DISSOLVED (UG/L AS B)	06/15/78-06/15/78	0	1	
CANY0024	No	01020	BORON, DISSOLVED (UG/L AS B)	06/29/76-09/15/81	5	2	
CANY0030	No	01020	BORON, DISSOLVED (UG/L AS B)	08/02/77-03/25/81	3	7	
CANY0031	No	01020	BORON, DISSOLVED (UG/L AS B)	06/15/78-06/15/78	0	1	
CANY0036	No	01020	BORON, DISSOLVED (UG/L AS B)	03/24/77-03/24/77	0	1	
CANY0038	No	01020	BORON, DISSOLVED (UG/L AS B)	08/02/77-03/21/78	0	2	
CANY0040	No	01020	BORON, DISSOLVED (UG/L AS B)	08/02/77-03/28/81	3	6	
CANY0043	No	01020	BORON, DISSOLVED (UG/L AS B)	06/18/78-06/18/78	0	1	
CANY0052	No	01020	BORON, DISSOLVED (UG/L AS B)	07/01/68-07/01/68	0	1	
CANY0067	No	01020	BORON, DISSOLVED (UG/L AS B)	07/20/78-07/20/78	0	1	
CANY0080	Yes	01020	BORON, DISSOLVED (UG/L AS B)	05/02/68-05/02/68	0	1	
CANY0090	Yes	01020	BORON, DISSOLVED (UG/L AS B)	10/09/68-10/09/68	0	1	
CANY0095	Yes	01020	BORON, DISSOLVED (UG/L AS B)	09/04/69-09/04/69	0	1	
CANY0100	Yes	01020	BORON, DISSOLVED (UG/L AS B)	07/14/78-07/14/78	0	1	
CANY0101	Yes	01020	BORON, DISSOLVED (UG/L AS B)	07/17/68-07/17/68	0	1	
CANY0110	Yes	01020	BORON, DISSOLVED (UG/L AS B)	05/02/68-05/02/68	0	1	
CANY0115	Yes	01020	BORON, DISSOLVED (UG/L AS B)	07/02/78-07/02/78	0	1	
CANY0116	Yes	01020	BORON, DISSOLVED (UG/L AS B)	05/02/68-05/02/68	0	1	
CANY0117	No	01020	BORON, DISSOLVED (UG/L AS B)	03/27/79-03/25/81	1	5	
CANY0118	No	01020	BORON, DISSOLVED (UG/L AS B)	03/27/79-09/15/81	2	6	

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

**Station/Parameter Period of Record Tabulation
From 10/02/48 To 12/09/99**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
CANY0120	No	01020	BORON, DISSOLVED (UG/L AS B)	05/29/84-07/21/86	2	6	
CANY0121	No	01020	BORON, DISSOLVED (UG/L AS B)	03/18/83-09/18/84	1	13	
CANY0122	Yes	01020	BORON, DISSOLVED (UG/L AS B)	07/21/78-07/21/78	0	1	
CANY0131	Yes	01020	BORON, DISSOLVED (UG/L AS B)	03/05/70-03/05/70	0	1	
CANY0137	Yes	01020	BORON, DISSOLVED (UG/L AS B)	04/08/70-04/08/70	0	1	
CANY0143	Yes	01020	BORON, DISSOLVED (UG/L AS B)	04/07/70-04/07/70	0	1	
CANY0153	Yes	01020	BORON, DISSOLVED (UG/L AS B)	05/04/83-05/04/83	0	1	
CANY0156	Yes	01020	BORON, DISSOLVED (UG/L AS B)	05/04/83-05/04/83	0	1	
CANY0160	Yes	01020	BORON, DISSOLVED (UG/L AS B)	05/20/69-05/20/69	0	1	
CANY0167	No	01020	BORON, DISSOLVED (UG/L AS B)	03/27/80-03/27/80	0	1	
CANY0174	No	01020	BORON, DISSOLVED (UG/L AS B)	03/21/78-03/21/78	0	1	
CANY0177	No	01020	BORON, DISSOLVED (UG/L AS B)	08/07/74-08/07/74	0	1	
CANY0185	Yes	01020	BORON, DISSOLVED (UG/L AS B)	04/07/70-04/07/70	0	1	
CANY0199	No	01020	BORON, DISSOLVED (UG/L AS B)	03/22/78-03/25/81	3	5	
CANY0200	No	01020	BORON, DISSOLVED (UG/L AS B)	05/15/57-09/03/69	12	2	
CANY0211	No	01020	BORON, DISSOLVED (UG/L AS B)	05/22/57-05/22/57	0	1	
CANY0221	No	01020	BORON, DISSOLVED (UG/L AS B)	07/28/78-07/28/78	0	1	
CANY0229	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/21/77-08/21/77	0	1	
CANY0231	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/21/77-08/21/77	0	1	
CANY0235	Yes	01020	BORON, DISSOLVED (UG/L AS B)	08/21/77-08/21/77	0	1	
CANY0236	No	01020	BORON, DISSOLVED (UG/L AS B)	03/27/78-04/29/81	3	3	
CANY0237	No	01020	BORON, DISSOLVED (UG/L AS B)	03/27/78-04/29/81	3	3	
CANY0239	Yes	01020	BORON, DISSOLVED (UG/L AS B)	11/13/69-11/13/69	0	1	
CANY0240	Yes	01020	BORON, DISSOLVED (UG/L AS B)	03/04/70-03/04/70	0	1	
CANY0243	No	01020	BORON, DISSOLVED (UG/L AS B)	06/13/78-06/13/78	0	1	
CANY0244	No	01020	BORON, DISSOLVED (UG/L AS B)	04/29/80-04/29/81	1	2	
CANY0249	Yes	01020	BORON, DISSOLVED (UG/L AS B)	05/14/68-05/14/68	0	1	
CANY0252	No	01020	BORON, DISSOLVED (UG/L AS B)	06/13/78-06/13/78	0	1	
CANY0257	No	01020	BORON, DISSOLVED (UG/L AS B)	06/12/78-06/12/78	0	1	
CANY0258	No	01020	BORON, DISSOLVED (UG/L AS B)	06/15/78-06/15/78	0	1	
CANY0271	Yes	01020	BORON, DISSOLVED (UG/L AS B)	03/04/70-03/04/70	0	1	
CANY0272	Yes	01020	BORON, DISSOLVED (UG/L AS B)	07/01/77-07/01/77	0	1	
CANY0275	Yes	01020	BORON, DISSOLVED (UG/L AS B)	11/12/69-11/12/69	0	1	
CANY0288	No	01020	BORON, DISSOLVED (UG/L AS B)	08/23/77-01/27/81	3	28	
CANY0289	No	01020	BORON, DISSOLVED (UG/L AS B)	08/22/77-08/22/77	0	1	
CANY0291	No	01020	BORON, DISSOLVED (UG/L AS B)	06/14/77-05/04/83	5	20	
CANY0297	No	01020	BORON, DISSOLVED (UG/L AS B)	06/14/77-09/19/77	0	4	
CANY0005	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	06/02/80-06/02/80	0	1	
CANY0006	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/09/79-08/09/79	0	1	
CANY0012	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/09/79-08/09/79	0	1	
CANY0018	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/09/79-08/09/79	0	1	
CANY0021	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	07/06/93-11/30/99	6	11	
CANY0024	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	09/15/81-09/15/81	0	1	
CANY0026	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	06/02/80-06/02/80	0	1	
CANY0028	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	07/06/93-11/30/99	6	11	
CANY0030	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	03/25/81-05/06/98	17	5	
CANY0038	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	03/21/78-03/21/78	0	1	
CANY0040	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	03/28/81-11/30/99	18	12	
CANY0052	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	07/01/68-07/01/68	0	1	
CANY0054	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	04/28/97-09/09/99	2	6	
CANY0057	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	07/02/93-08/05/99	6	12	
CANY0063	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	04/28/97-09/09/99	2	8	
CANY0064	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	04/28/97-09/09/99	2	8	
CANY0091	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	05/07/96-12/09/99	3	11	
CANY0117	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	03/27/79-03/25/81	1	4	
CANY0118	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	03/27/79-09/15/81	2	5	
CANY0123	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	05/07/96-12/09/99	3	12	
CANY0153	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/08/92-08/04/99	6	29	
CANY0156	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/08/92-08/04/99	6	29	
CANY0165	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/04/93-12/09/99	6	13	
CANY0177	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/07/74-08/07/74	0	1	
CANY0187	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	09/30/93-09/19/99	5	12	
CANY0194	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	09/20/96-09/19/99	2	11	
CANY0198	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	02/28/99-02/28/99	0	1	
CANY0199	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	03/25/81-03/25/81	0	1	
CANY0216	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	09/09/97-09/09/97	0	1	
CANY0217	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/08/92-08/20/97	4	19	
CANY0227	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/08/92-08/06/98	5	21	
CANY0236	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	04/29/81-04/29/81	0	1	
CANY0237	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	04/29/81-04/29/81	0	1	
CANY0238	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	04/14/88-03/02/89	0	5	
CANY0244	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	04/29/81-04/29/81	0	1	

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**Station/Parameter Period of Record Tabulation
From 10/02/48 To 12/09/99**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
CANY0245	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	04/14/88-05/01/89	1	6	
CANY0246	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/17/88-05/01/89	0	5	
CANY0247	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/17/88-05/01/89	0	5	
CANY0250	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	09/09/98-09/09/98	0	1	
CANY0273	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	12/01/98-09/19/99	0	4	
CANY0277	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/08/92-08/06/98	5	16	
CANY0278	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	11/17/97-09/03/98	0	4	
CANY0279	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/04/90-10/04/90	0	1	
CANY0282	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/20/94-05/17/96	1	3	
CANY0284	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/08/92-08/06/98	5	22	
CANY0287	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	07/30/95-07/30/95	0	1	
CANY0288	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	03/13/79-01/27/81	1	14	
CANY0291	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	04/24/79-09/06/99	20	20	
CANY0294	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	05/14/92-05/14/92	0	1	
CANY0295	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	09/03/92-09/05/99	7	3	
CANY0298	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	05/12/92-09/04/99	7	2	
CANY0041	No	01027	CADMIUM, TOTAL (UG/L AS CD)	06/18/80-11/12/80	0	2	
CANY0118	No	01027	CADMIUM, TOTAL (UG/L AS CD)	03/27/80-03/16/82	1	2	
CANY0178	No	01027	CADMIUM, TOTAL (UG/L AS CD)	06/18/80-11/12/80	0	2	
CANY0198	No	01027	CADMIUM, TOTAL (UG/L AS CD)	11/12/80-04/24/81	0	2	
CANY0208	No	01027	CADMIUM, TOTAL (UG/L AS CD)	11/14/80-04/24/81	0	2	
CANY0209	No	01027	CADMIUM, TOTAL (UG/L AS CD)	11/13/80-04/24/81	0	2	
CANY0210	No	01027	CADMIUM, TOTAL (UG/L AS CD)	11/13/80-04/24/81	0	2	
CANY0224	No	01027	CADMIUM, TOTAL (UG/L AS CD)	11/14/80-04/24/81	0	2	
CANY0241	No	01027	CADMIUM, TOTAL (UG/L AS CD)	11/14/80-04/24/81	0	2	
CANY0248	No	01027	CADMIUM, TOTAL (UG/L AS CD)	11/14/80-11/14/80	0	1	
CANY0255	No	01027	CADMIUM, TOTAL (UG/L AS CD)	11/14/80-04/24/81	0	2	
CANY0270	No	01027	CADMIUM, TOTAL (UG/L AS CD)	04/24/81-04/24/81	0	1	
CANY0283	Yes	01027	CADMIUM, TOTAL (UG/L AS CD)	06/17/80-11/14/80	0	2	
CANY0001	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/30/78-05/30/78	0	1	
CANY0002	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/30/78-05/30/78	0	1	
CANY0004	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/30/78-05/30/78	0	1	
CANY0006	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/09/79-08/09/79	0	1	
CANY0008	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/30/78-05/30/78	0	1	
CANY0009	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	06/01/78-06/01/78	0	1	
CANY0012	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/09/79-08/09/79	0	1	
CANY0015	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	06/18/78-06/18/78	0	1	
CANY0018	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/09/79-08/09/79	0	1	
CANY0021	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/06/93-11/30/99	6	11	
CANY0024	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/15/81-09/15/81	0	1	
CANY0028	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/06/93-11/30/99	6	11	
CANY0030	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	03/25/81-05/06/98	17	5	
CANY0033	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	06/28/78-06/28/78	0	1	
CANY0034	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	06/17/78-06/17/78	0	1	
CANY0038	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	03/21/78-03/21/78	0	1	
CANY0040	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	03/28/81-11/30/99	18	12	
CANY0052	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/01/68-07/01/68	0	1	
CANY0054	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	04/28/97-09/09/99	2	6	
CANY0057	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/02/93-08/05/99	6	12	
CANY0059	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/18/78-08/18/78	0	1	
CANY0063	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	04/28/97-09/09/99	2	8	
CANY0064	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	04/28/97-09/09/99	2	8	
CANY0073	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	06/28/78-06/28/78	0	1	
CANY0081	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/18/78-08/18/78	0	1	
CANY0091	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/07/96-12/09/99	3	11	
CANY0106	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	06/29/78-06/29/78	0	1	
CANY0117	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	03/27/79-03/25/81	1	4	
CANY0118	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	03/27/79-09/15/81	2	5	
CANY0123	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/07/96-12/09/99	3	12	
CANY0153	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/08/92-08/04/99	6	29	
CANY0156	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/08/92-08/04/99	6	29	
CANY0165	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/04/93-12/09/99	6	13	
CANY0166	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	06/19/78-06/19/78	0	1	
CANY0187	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/30/93-09/19/99	5	12	
CANY0190	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	06/19/78-06/19/78	0	1	
CANY0194	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/20/96-09/19/99	2	11	
CANY0198	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	02/28/99-02/28/99	0	1	
CANY0199	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	03/25/81-03/25/81	0	1	
CANY0216	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/09/97-09/09/97	0	1	
CANY0217	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/08/92-08/20/97	4	19	
CANY0223	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	06/25/78-06/25/78	0	1	
CANY0227	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/08/92-08/06/98	5	21	

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

**Station/Parameter Period of Record Tabulation
From 10/02/48 To 12/09/99**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
CANY0236	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	04/29/81-04/29/81	0	1	
CANY0237	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	04/29/81-04/29/81	0	1	
CANY0238	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	04/14/88-03/02/89	0	5	
CANY0244	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	04/29/81-04/29/81	0	1	
CANY0245	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	04/14/88-05/01/89	1	6	
CANY0246	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/17/88-05/01/89	0	5	
CANY0247	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/17/88-05/01/89	0	5	
CANY0250	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/09/98-09/09/98	0	1	
CANY0253	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	06/22/78-06/22/78	0	1	
CANY0256	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/05/78-10/05/78	0	1	
CANY0259	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	06/25/78-06/25/78	0	1	
CANY0273	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	12/01/98-09/19/99	0	4	
CANY0277	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/08/92-08/06/98	5	16	
CANY0278	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	11/17/97-09/03/98	0	4	
CANY0279	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/04/90-10/04/90	0	1	
CANY0282	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/20/94-05/17/96	1	3	
CANY0284	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/08/92-08/06/98	5	22	
CANY0286	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	06/26/78-06/26/78	0	1	
CANY0287	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/23/94-07/30/95	0	2	
CANY0288	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	03/13/79-01/27/81	1	15	
CANY0290	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/23/94-10/23/94	0	1	
CANY0291	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	04/24/79-09/06/99	20	20	
CANY0294	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/14/92-05/14/92	0	1	
CANY0295	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/03/92-09/05/99	7	3	
CANY0296	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	06/29/78-06/29/78	0	1	
CANY0298	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/12/92-09/04/99	7	2	
CANY0005	No	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	06/02/80-06/02/80	0	1	
CANY0006	No	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	08/09/79-06/12/80	0	2	
CANY0010	No	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	06/12/80-06/12/80	0	1	
CANY0012	No	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	08/09/79-06/12/80	0	2	
CANY0013	No	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	08/09/79-06/12/80	0	2	
CANY0018	No	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	08/09/79-06/12/80	0	2	
CANY0020	No	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	06/12/80-06/12/80	0	1	
CANY0026	No	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	06/02/80-06/02/80	0	1	
CANY0030	No	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	03/21/78-03/25/81	3	6	
CANY0038	No	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	08/02/77-03/21/78	0	2	
CANY0040	No	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	08/02/77-03/28/81	3	6	
CANY0117	No	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	03/27/79-03/25/81	1	5	
CANY0118	No	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	03/27/79-03/25/81	1	5	
CANY0153	Yes	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	05/04/83-05/04/83	0	1	
CANY0156	Yes	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	05/04/83-05/04/83	0	1	
CANY0167	No	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	03/27/80-03/27/80	0	1	
CANY0174	No	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	03/21/78-03/21/78	0	1	
CANY0177	No	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	08/07/74-08/07/74	0	1	
CANY0199	No	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	03/22/78-03/25/81	3	5	
CANY0236	No	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	03/27/78-04/29/81	3	3	
CANY0237	No	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	03/27/78-04/29/81	3	3	
CANY0244	No	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	04/29/80-04/29/81	1	2	
CANY0288	No	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	08/23/77-01/27/81	3	22	
CANY0291	No	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	06/14/77-05/04/83	5	13	
CANY0297	No	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	06/14/77-06/14/77	0	1	
CANY0041	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	06/18/80-11/12/80	0	2	
CANY0118	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	03/27/80-03/16/82	1	2	
CANY0178	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	06/18/80-11/12/80	0	2	
CANY0198	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	11/12/80-04/24/81	0	2	
CANY0208	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	11/14/80-04/24/81	0	2	
CANY0209	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	11/13/80-04/24/81	0	2	
CANY0210	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	11/13/80-04/24/81	0	2	
CANY0224	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	11/14/80-04/24/81	0	2	
CANY0241	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	11/14/80-04/24/81	0	2	
CANY0248	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	11/14/80-11/14/80	0	1	
CANY0255	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	11/14/80-04/24/81	0	2	
CANY0270	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	04/24/81-04/24/81	0	1	
CANY0276	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	04/04/94-07/12/94	0	2	
CANY0277	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	04/04/94-07/12/94	0	2	
CANY0283	Yes	01034	CHROMIUM, TOTAL (UG/L AS CR)	06/17/80-11/14/80	0	2	
CANY0287	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	04/04/94-07/12/94	0	2	
CANY0290	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	04/04/94-07/12/94	0	2	
CANY0001	No	01035	COBALT, DISSOLVED (UG/L AS CO)	05/30/78-05/30/78	0	1	
CANY0002	No	01035	COBALT, DISSOLVED (UG/L AS CO)	05/30/78-05/30/78	0	1	
CANY0004	No	01035	COBALT, DISSOLVED (UG/L AS CO)	05/30/78-05/30/78	0	1	
CANY0008	No	01035	COBALT, DISSOLVED (UG/L AS CO)	05/30/78-05/30/78	0	1	

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

Station/Parameter Period of Record Tabulation From 10/02/48 To 12/09/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
CANY0009	No	01035	COBALT, DISSOLVED (UG/L AS CO)	06/01/78-06/01/78	0	1	
CANY0015	No	01035	COBALT, DISSOLVED (UG/L AS CO)	06/18/78-06/18/78	0	1	
CANY0024	No	01035	COBALT, DISSOLVED (UG/L AS CO)	09/15/81-09/15/81	0	1	
CANY0033	Yes	01035	COBALT, DISSOLVED (UG/L AS CO)	06/28/78-06/28/78	0	1	
CANY0034	No	01035	COBALT, DISSOLVED (UG/L AS CO)	06/17/78-06/17/78	0	1	
CANY0059	Yes	01035	COBALT, DISSOLVED (UG/L AS CO)	08/18/78-08/18/78	0	1	
CANY0073	No	01035	COBALT, DISSOLVED (UG/L AS CO)	06/28/78-06/28/78	0	1	
CANY0081	Yes	01035	COBALT, DISSOLVED (UG/L AS CO)	08/18/78-08/18/78	0	1	
CANY0106	Yes	01035	COBALT, DISSOLVED (UG/L AS CO)	06/29/78-06/29/78	0	1	
CANY0118	No	01035	COBALT, DISSOLVED (UG/L AS CO)	09/15/81-09/15/81	0	1	
CANY0166	No	01035	COBALT, DISSOLVED (UG/L AS CO)	06/19/78-06/19/78	0	1	
CANY0190	No	01035	COBALT, DISSOLVED (UG/L AS CO)	06/19/78-06/19/78	0	1	
CANY0223	No	01035	COBALT, DISSOLVED (UG/L AS CO)	06/25/78-06/25/78	0	1	
CANY0238	Yes	01035	COBALT, DISSOLVED (UG/L AS CO)	04/14/88-03/02/89	0	5	
CANY0245	Yes	01035	COBALT, DISSOLVED (UG/L AS CO)	04/14/88-05/01/89	1	6	
CANY0246	Yes	01035	COBALT, DISSOLVED (UG/L AS CO)	08/17/88-05/01/89	0	5	
CANY0247	Yes	01035	COBALT, DISSOLVED (UG/L AS CO)	08/17/88-05/01/89	0	5	
CANY0253	No	01035	COBALT, DISSOLVED (UG/L AS CO)	06/22/78-06/22/78	0	1	
CANY0256	Yes	01035	COBALT, DISSOLVED (UG/L AS CO)	10/05/78-10/05/78	0	1	
CANY0259	No	01035	COBALT, DISSOLVED (UG/L AS CO)	06/25/78-06/25/78	0	1	
CANY0286	No	01035	COBALT, DISSOLVED (UG/L AS CO)	06/26/78-06/26/78	0	1	
CANY0296	No	01035	COBALT, DISSOLVED (UG/L AS CO)	06/29/78-06/29/78	0	1	
CANY0041	No	01037	COBALT, TOTAL (UG/L AS CO)	06/18/80-11/12/80	0	2	
CANY0178	No	01037	COBALT, TOTAL (UG/L AS CO)	06/18/80-11/12/80	0	2	
CANY0198	No	01037	COBALT, TOTAL (UG/L AS CO)	11/12/80-04/24/81	0	2	
CANY0208	No	01037	COBALT, TOTAL (UG/L AS CO)	11/14/80-04/24/81	0	2	
CANY0209	No	01037	COBALT, TOTAL (UG/L AS CO)	11/13/80-04/24/81	0	2	
CANY0210	No	01037	COBALT, TOTAL (UG/L AS CO)	11/13/80-04/24/81	0	2	
CANY0224	No	01037	COBALT, TOTAL (UG/L AS CO)	11/14/80-04/24/81	0	2	
CANY0241	No	01037	COBALT, TOTAL (UG/L AS CO)	11/14/80-04/24/81	0	2	
CANY0248	No	01037	COBALT, TOTAL (UG/L AS CO)	11/14/80-11/14/80	0	1	
CANY0255	No	01037	COBALT, TOTAL (UG/L AS CO)	11/14/80-04/24/81	0	2	
CANY0270	No	01037	COBALT, TOTAL (UG/L AS CO)	04/24/81-04/24/81	0	1	
CANY0283	Yes	01037	COBALT, TOTAL (UG/L AS CO)	06/17/80-11/14/80	0	2	
CANY0001	No	01040	COPPER, DISSOLVED (UG/L AS CU)	05/30/78-05/30/78	0	1	
CANY0002	No	01040	COPPER, DISSOLVED (UG/L AS CU)	05/30/78-05/30/78	0	1	
CANY0004	No	01040	COPPER, DISSOLVED (UG/L AS CU)	05/30/78-05/30/78	0	1	
CANY0006	No	01040	COPPER, DISSOLVED (UG/L AS CU)	08/09/79-08/09/79	0	1	
CANY0008	No	01040	COPPER, DISSOLVED (UG/L AS CU)	05/30/78-05/30/78	0	1	
CANY0009	No	01040	COPPER, DISSOLVED (UG/L AS CU)	06/01/78-06/01/78	0	1	
CANY0012	No	01040	COPPER, DISSOLVED (UG/L AS CU)	08/09/79-08/09/79	0	1	
CANY0015	No	01040	COPPER, DISSOLVED (UG/L AS CU)	06/18/78-06/18/78	0	1	
CANY0018	No	01040	COPPER, DISSOLVED (UG/L AS CU)	08/09/79-08/09/79	0	1	
CANY0021	No	01040	COPPER, DISSOLVED (UG/L AS CU)	07/06/93-11/30/99	6	11	
CANY0024	No	01040	COPPER, DISSOLVED (UG/L AS CU)	09/15/81-09/15/81	0	1	
CANY0026	No	01040	COPPER, DISSOLVED (UG/L AS CU)	09/29/80-09/29/80	0	1	
CANY0028	No	01040	COPPER, DISSOLVED (UG/L AS CU)	07/06/93-11/30/99	6	11	
CANY0030	No	01040	COPPER, DISSOLVED (UG/L AS CU)	03/25/81-05/06/98	17	5	
CANY0033	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	06/28/78-06/28/78	0	1	
CANY0034	No	01040	COPPER, DISSOLVED (UG/L AS CU)	06/17/78-06/17/78	0	1	
CANY0038	No	01040	COPPER, DISSOLVED (UG/L AS CU)	03/21/78-03/21/78	0	1	
CANY0040	No	01040	COPPER, DISSOLVED (UG/L AS CU)	03/28/81-11/30/99	18	12	
CANY0052	No	01040	COPPER, DISSOLVED (UG/L AS CU)	07/01/68-07/01/68	0	1	
CANY0054	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	04/28/97-09/09/99	2	6	
CANY0057	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	07/02/93-08/05/99	6	12	
CANY0059	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	08/18/78-08/18/78	0	1	
CANY0063	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	04/28/97-09/09/99	2	8	
CANY0064	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	04/28/97-09/09/99	2	8	
CANY0073	No	01040	COPPER, DISSOLVED (UG/L AS CU)	06/28/78-06/28/78	0	1	
CANY0075	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	05/20/68-05/20/68	0	1	
CANY0080	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	05/02/68-05/02/68	0	1	
CANY0081	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	08/18/78-08/18/78	0	1	
CANY0090	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	10/09/68-10/09/68	0	1	
CANY0091	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	05/07/96-12/09/99	3	11	
CANY0095	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	09/04/69-09/04/69	0	1	
CANY0106	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	06/29/78-06/29/78	0	1	
CANY0110	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	05/02/68-05/02/68	0	1	
CANY0116	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	05/02/68-05/02/68	0	1	
CANY0117	No	01040	COPPER, DISSOLVED (UG/L AS CU)	03/27/79-03/25/81	1	4	
CANY0118	No	01040	COPPER, DISSOLVED (UG/L AS CU)	03/27/79-09/15/81	2	6	
CANY0123	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	05/07/96-12/09/99	3	12	
CANY0131	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	03/05/70-03/05/70	0	1	

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

**Station/Parameter Period of Record Tabulation
From 10/02/48 To 12/09/99**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
CANY0137	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	04/08/70-04/08/70	0	1	
CANY0143	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	04/07/70-04/07/70	0	1	
CANY0153	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	10/08/92-08/04/99	6	29	
CANY0156	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	10/08/92-08/04/99	6	29	
CANY0160	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	05/20/69-05/20/69	0	1	
CANY0165	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	10/04/93-12/09/99	6	13	
CANY0166	No	01040	COPPER, DISSOLVED (UG/L AS CU)	06/19/78-06/19/78	0	1	
CANY0177	No	01040	COPPER, DISSOLVED (UG/L AS CU)	08/07/74-08/07/74	0	1	
CANY0185	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	04/07/70-04/07/70	0	1	
CANY0187	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	09/30/93-09/19/99	5	12	
CANY0190	No	01040	COPPER, DISSOLVED (UG/L AS CU)	06/19/78-06/19/78	0	1	
CANY0194	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	09/20/96-09/19/99	2	11	
CANY0198	No	01040	COPPER, DISSOLVED (UG/L AS CU)	02/28/99-02/28/99	0	1	
CANY0199	No	01040	COPPER, DISSOLVED (UG/L AS CU)	03/25/81-03/25/81	0	1	
CANY0200	No	01040	COPPER, DISSOLVED (UG/L AS CU)	05/15/57-09/03/69	12	2	
CANY0216	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	09/09/97-09/09/97	0	1	
CANY0217	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	10/08/92-08/20/97	4	19	
CANY0223	No	01040	COPPER, DISSOLVED (UG/L AS CU)	06/25/78-06/25/78	0	1	
CANY0227	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	10/08/92-08/06/98	5	21	
CANY0236	No	01040	COPPER, DISSOLVED (UG/L AS CU)	04/29/81-04/29/81	0	1	
CANY0237	No	01040	COPPER, DISSOLVED (UG/L AS CU)	04/29/81-04/29/81	0	1	
CANY0238	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	04/14/88-03/02/89	0	5	
CANY0239	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	11/13/69-11/13/69	0	1	
CANY0240	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	03/04/70-03/04/70	0	1	
CANY0244	No	01040	COPPER, DISSOLVED (UG/L AS CU)	04/29/81-04/29/81	0	1	
CANY0245	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	04/14/88-05/01/89	1	6	
CANY0246	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	08/17/88-05/01/89	0	5	
CANY0247	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	08/17/88-05/01/89	0	5	
CANY0249	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	05/14/68-05/14/68	0	1	
CANY0250	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	09/09/98-09/09/98	0	1	
CANY0253	No	01040	COPPER, DISSOLVED (UG/L AS CU)	06/22/78-06/22/78	0	1	
CANY0256	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	10/05/78-10/05/78	0	1	
CANY0259	No	01040	COPPER, DISSOLVED (UG/L AS CU)	06/25/78-06/25/78	0	1	
CANY0271	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	03/04/70-03/04/70	0	1	
CANY0273	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	12/01/98-09/19/99	0	4	
CANY0275	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	11/12/69-11/12/69	0	1	
CANY0277	No	01040	COPPER, DISSOLVED (UG/L AS CU)	10/08/92-08/06/98	5	16	
CANY0278	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	11/17/97-09/03/98	0	4	
CANY0279	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	10/04/90-10/04/90	0	1	
CANY0282	No	01040	COPPER, DISSOLVED (UG/L AS CU)	10/20/94-05/17/96	1	3	
CANY0284	No	01040	COPPER, DISSOLVED (UG/L AS CU)	10/08/92-08/06/98	5	22	
CANY0286	No	01040	COPPER, DISSOLVED (UG/L AS CU)	06/26/78-06/26/78	0	1	
CANY0287	No	01040	COPPER, DISSOLVED (UG/L AS CU)	10/23/94-07/30/95	0	2	
CANY0288	No	01040	COPPER, DISSOLVED (UG/L AS CU)	10/17/77-01/27/81	3	15	
CANY0290	No	01040	COPPER, DISSOLVED (UG/L AS CU)	10/23/94-10/23/94	0	1	
CANY0291	No	01040	COPPER, DISSOLVED (UG/L AS CU)	09/19/77-09/06/99	21	21	
CANY0294	No	01040	COPPER, DISSOLVED (UG/L AS CU)	05/14/92-05/14/92	0	1	
CANY0295	No	01040	COPPER, DISSOLVED (UG/L AS CU)	09/03/92-09/05/99	7	3	
CANY0296	No	01040	COPPER, DISSOLVED (UG/L AS CU)	06/29/78-06/29/78	0	1	
CANY0297	No	01040	COPPER, DISSOLVED (UG/L AS CU)	09/19/77-09/19/77	0	1	
CANY0298	No	01040	COPPER, DISSOLVED (UG/L AS CU)	05/12/92-09/04/99	7	2	
CANY0041	No	01042	COPPER, TOTAL (UG/L AS CU)	06/18/80-11/12/80	0	2	
CANY0047	Yes	01042	COPPER, TOTAL (UG/L AS CU)	05/08/85-05/22/90	5	7	
CANY0060	Yes	01042	COPPER, TOTAL (UG/L AS CU)	02/13/85-05/17/90	5	10	
CANY0068	No	01042	COPPER, TOTAL (UG/L AS CU)	02/12/85-05/16/90	5	8	
CANY0087	Yes	01042	COPPER, TOTAL (UG/L AS CU)	04/24/85-04/07/88	2	4	
CANY0092	Yes	01042	COPPER, TOTAL (UG/L AS CU)	08/10/87-05/20/90	2	6	
CANY0096	Yes	01042	COPPER, TOTAL (UG/L AS CU)	10/16/84-05/07/90	5	11	
CANY0098	Yes	01042	COPPER, TOTAL (UG/L AS CU)	10/16/84-05/07/90	5	11	
CANY0104	Yes	01042	COPPER, TOTAL (UG/L AS CU)	02/14/85-05/20/88	3	3	
CANY0105	Yes	01042	COPPER, TOTAL (UG/L AS CU)	08/28/85-05/17/90	4	7	
CANY0108	Yes	01042	COPPER, TOTAL (UG/L AS CU)	02/13/85-05/20/90	5	9	
CANY0111	Yes	01042	COPPER, TOTAL (UG/L AS CU)	02/12/85-05/17/90	5	10	
CANY0118	No	01042	COPPER, TOTAL (UG/L AS CU)	03/27/80-03/16/82	1	2	
CANY0124	Yes	01042	COPPER, TOTAL (UG/L AS CU)	02/12/85-05/18/90	5	10	
CANY0130	Yes	01042	COPPER, TOTAL (UG/L AS CU)	02/14/85-05/18/90	5	8	
CANY0134	Yes	01042	COPPER, TOTAL (UG/L AS CU)	02/14/85-05/20/90	5	9	
CANY0144	Yes	01042	COPPER, TOTAL (UG/L AS CU)	10/14/84-05/10/90	5	12	
CANY0147	Yes	01042	COPPER, TOTAL (UG/L AS CU)	10/15/84-10/06/89	4	11	
CANY0149	Yes	01042	COPPER, TOTAL (UG/L AS CU)	10/15/84-05/10/90	5	10	
CANY0158	Yes	01042	COPPER, TOTAL (UG/L AS CU)	02/11/85-05/22/90	5	10	
CANY0163	Yes	01042	COPPER, TOTAL (UG/L AS CU)	07/10/85-04/06/88	2	3	

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

**Station/Parameter Period of Record Tabulation
From 10/02/48 To 12/09/99**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
CANY0175	No	01042	COPPER, TOTAL (UG/L AS CU)	09/30/84-10/08/89	5	9	
CANY0178	No	01042	COPPER, TOTAL (UG/L AS CU)	06/18/80-11/12/80	0	2	
CANY0186	Yes	01042	COPPER, TOTAL (UG/L AS CU)	06/04/85-05/11/90	4	9	
CANY0192	Yes	01042	COPPER, TOTAL (UG/L AS CU)	10/01/84-05/08/90	5	11	
CANY0193	Yes	01042	COPPER, TOTAL (UG/L AS CU)	10/02/84-05/11/90	5	11	
CANY0196	No	01042	COPPER, TOTAL (UG/L AS CU)	10/03/84-05/11/90	5	8	
CANY0198	No	01042	COPPER, TOTAL (UG/L AS CU)	11/12/80-04/24/81	0	2	
CANY0203	Yes	01042	COPPER, TOTAL (UG/L AS CU)	06/06/85-05/08/90	4	8	
CANY0206	Yes	01042	COPPER, TOTAL (UG/L AS CU)	10/01/84-05/08/90	5	9	
CANY0208	No	01042	COPPER, TOTAL (UG/L AS CU)	11/14/80-04/24/81	0	2	
CANY0209	No	01042	COPPER, TOTAL (UG/L AS CU)	11/13/80-04/24/81	0	2	
CANY0210	No	01042	COPPER, TOTAL (UG/L AS CU)	11/13/80-04/24/81	0	2	
CANY0215	Yes	01042	COPPER, TOTAL (UG/L AS CU)	04/08/87-04/08/87	0	1	
CANY0224	No	01042	COPPER, TOTAL (UG/L AS CU)	11/14/80-04/24/81	0	2	
CANY0232	Yes	01042	COPPER, TOTAL (UG/L AS CU)	09/11/84-09/12/89	5	11	
CANY0241	No	01042	COPPER, TOTAL (UG/L AS CU)	11/14/80-04/24/81	0	2	
CANY0248	No	01042	COPPER, TOTAL (UG/L AS CU)	11/14/80-11/14/80	0	1	
CANY0251	Yes	01042	COPPER, TOTAL (UG/L AS CU)	10/29/84-03/23/90	5	12	
CANY0255	No	01042	COPPER, TOTAL (UG/L AS CU)	11/14/80-04/24/81	0	2	
CANY0261	Yes	01042	COPPER, TOTAL (UG/L AS CU)	09/27/84-05/12/90	5	9	
CANY0262	Yes	01042	COPPER, TOTAL (UG/L AS CU)	09/22/84-03/22/90	5	11	
CANY0267	Yes	01042	COPPER, TOTAL (UG/L AS CU)	09/22/84-03/22/90	5	7	
CANY0270	No	01042	COPPER, TOTAL (UG/L AS CU)	04/24/81-04/24/81	0	1	
CANY0274	Yes	01042	COPPER, TOTAL (UG/L AS CU)	07/10/85-05/11/90	4	7	
CANY0276	No	01042	COPPER, TOTAL (UG/L AS CU)	04/04/94-07/12/94	0	2	
CANY0277	No	01042	COPPER, TOTAL (UG/L AS CU)	04/04/94-07/12/94	0	2	
CANY0280	Yes	01042	COPPER, TOTAL (UG/L AS CU)	09/11/84-03/28/90	5	9	
CANY0283	Yes	01042	COPPER, TOTAL (UG/L AS CU)	06/17/80-11/14/80	0	2	
CANY0287	No	01042	COPPER, TOTAL (UG/L AS CU)	04/04/94-07/12/94	0	2	
CANY0290	No	01042	COPPER, TOTAL (UG/L AS CU)	04/04/94-07/12/94	0	2	
CANY0024	No	01045	IRON, TOTAL (UG/L AS FE)	09/15/81-09/15/81	0	1	
CANY0047	Yes	01045	IRON, TOTAL (UG/L AS FE)	05/08/85-05/22/90	5	7	
CANY0052	No	01045	IRON, TOTAL (UG/L AS FE)	07/01/68-07/01/68	0	1	
CANY0060	Yes	01045	IRON, TOTAL (UG/L AS FE)	02/13/85-05/17/90	5	9	
CANY0068	No	01045	IRON, TOTAL (UG/L AS FE)	02/12/85-05/16/90	5	7	
CANY0087	Yes	01045	IRON, TOTAL (UG/L AS FE)	04/24/85-04/07/88	2	4	
CANY0092	Yes	01045	IRON, TOTAL (UG/L AS FE)	08/10/87-05/20/90	2	6	
CANY0096	Yes	01045	IRON, TOTAL (UG/L AS FE)	10/16/84-05/07/90	5	11	
CANY0098	Yes	01045	IRON, TOTAL (UG/L AS FE)	10/16/84-05/07/90	5	11	
CANY0104	Yes	01045	IRON, TOTAL (UG/L AS FE)	02/14/85-05/20/88	3	3	
CANY0105	Yes	01045	IRON, TOTAL (UG/L AS FE)	08/28/85-05/17/90	4	7	
CANY0108	Yes	01045	IRON, TOTAL (UG/L AS FE)	02/13/85-05/20/90	5	9	
CANY0111	Yes	01045	IRON, TOTAL (UG/L AS FE)	02/12/85-05/17/90	5	9	
CANY0118	No	01045	IRON, TOTAL (UG/L AS FE)	03/27/79-03/16/82	2	7	
CANY0124	Yes	01045	IRON, TOTAL (UG/L AS FE)	02/12/85-05/18/90	5	10	
CANY0130	Yes	01045	IRON, TOTAL (UG/L AS FE)	02/14/85-05/18/90	5	8	
CANY0134	Yes	01045	IRON, TOTAL (UG/L AS FE)	02/14/85-05/20/90	5	9	
CANY0144	Yes	01045	IRON, TOTAL (UG/L AS FE)	10/14/84-05/10/90	5	12	
CANY0147	Yes	01045	IRON, TOTAL (UG/L AS FE)	10/15/84-10/06/89	4	11	
CANY0149	Yes	01045	IRON, TOTAL (UG/L AS FE)	10/15/84-05/10/90	5	10	
CANY0158	Yes	01045	IRON, TOTAL (UG/L AS FE)	02/11/85-05/22/90	5	9	
CANY0163	Yes	01045	IRON, TOTAL (UG/L AS FE)	07/10/85-04/06/88	2	3	
CANY0175	No	01045	IRON, TOTAL (UG/L AS FE)	09/30/84-10/08/89	5	8	
CANY0177	No	01045	IRON, TOTAL (UG/L AS FE)	08/07/74-08/07/74	0	1	
CANY0186	Yes	01045	IRON, TOTAL (UG/L AS FE)	06/04/85-05/11/90	4	9	
CANY0192	Yes	01045	IRON, TOTAL (UG/L AS FE)	10/01/84-05/08/90	5	11	
CANY0193	Yes	01045	IRON, TOTAL (UG/L AS FE)	10/02/84-05/11/90	5	10	
CANY0196	No	01045	IRON, TOTAL (UG/L AS FE)	10/03/84-05/11/90	5	7	
CANY0203	Yes	01045	IRON, TOTAL (UG/L AS FE)	06/06/85-05/08/90	4	8	
CANY0206	Yes	01045	IRON, TOTAL (UG/L AS FE)	10/01/84-05/08/90	5	9	
CANY0215	Yes	01045	IRON, TOTAL (UG/L AS FE)	04/08/87-04/08/87	0	1	
CANY0232	Yes	01045	IRON, TOTAL (UG/L AS FE)	09/11/84-09/12/89	5	11	
CANY0251	Yes	01045	IRON, TOTAL (UG/L AS FE)	10/29/84-03/23/90	5	12	
CANY0261	Yes	01045	IRON, TOTAL (UG/L AS FE)	09/27/84-05/12/90	5	8	
CANY0262	Yes	01045	IRON, TOTAL (UG/L AS FE)	09/22/84-03/22/90	5	11	
CANY0267	Yes	01045	IRON, TOTAL (UG/L AS FE)	09/22/84-03/22/90	5	7	
CANY0274	Yes	01045	IRON, TOTAL (UG/L AS FE)	07/10/85-05/11/90	4	6	
CANY0280	Yes	01045	IRON, TOTAL (UG/L AS FE)	09/11/84-03/28/88	3	8	
CANY0001	No	01046	IRON, DISSOLVED (UG/L AS FE)	05/30/78-05/30/78	0	1	
CANY0002	No	01046	IRON, DISSOLVED (UG/L AS FE)	05/30/78-05/30/78	0	1	
CANY0004	No	01046	IRON, DISSOLVED (UG/L AS FE)	05/30/78-05/30/78	0	1	
CANY0005	No	01046	IRON, DISSOLVED (UG/L AS FE)	06/02/80-08/26/80	0	2	

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

**Station/Parameter Period of Record Tabulation
From 10/02/48 To 12/09/99**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
CANY0006	No	01046	IRON, DISSOLVED (UG/L AS FE)	08/09/79-08/09/79	0	1	
CANY0008	No	01046	IRON, DISSOLVED (UG/L AS FE)	05/30/78-05/30/78	0	1	
CANY0009	No	01046	IRON, DISSOLVED (UG/L AS FE)	06/01/78-06/01/78	0	1	
CANY0012	No	01046	IRON, DISSOLVED (UG/L AS FE)	08/09/79-08/09/79	0	1	
CANY0015	No	01046	IRON, DISSOLVED (UG/L AS FE)	06/18/78-06/18/78	0	1	
CANY0018	No	01046	IRON, DISSOLVED (UG/L AS FE)	08/09/79-08/09/79	0	1	
CANY0021	No	01046	IRON, DISSOLVED (UG/L AS FE)	07/06/93-11/30/99	6	11	
CANY0026	No	01046	IRON, DISSOLVED (UG/L AS FE)	06/02/80-09/29/80	0	2	
CANY0028	No	01046	IRON, DISSOLVED (UG/L AS FE)	07/06/93-11/30/99	6	11	
CANY0030	No	01046	IRON, DISSOLVED (UG/L AS FE)	03/21/78-05/06/98	20	6	
CANY0033	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	06/28/78-06/28/78	0	1	
CANY0034	No	01046	IRON, DISSOLVED (UG/L AS FE)	06/17/78-06/17/78	0	1	
CANY0038	No	01046	IRON, DISSOLVED (UG/L AS FE)	08/02/77-03/21/78	0	2	
CANY0040	No	01046	IRON, DISSOLVED (UG/L AS FE)	08/02/77-11/30/99	22	14	
CANY0052	No	01046	IRON, DISSOLVED (UG/L AS FE)	07/01/68-07/01/68	0	1	
CANY0054	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	04/28/97-09/09/99	2	6	
CANY0057	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	07/02/93-08/05/99	6	12	
CANY0059	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/18/78-08/18/78	0	1	
CANY0063	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	04/28/97-09/09/99	2	8	
CANY0064	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	04/28/97-09/09/99	2	8	
CANY0073	No	01046	IRON, DISSOLVED (UG/L AS FE)	06/28/78-06/28/78	0	1	
CANY0075	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	05/20/68-05/20/68	0	1	
CANY0081	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/18/78-08/18/78	0	1	
CANY0090	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	10/09/68-10/09/68	0	1	
CANY0091	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	05/07/96-12/09/99	3	11	
CANY0095	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	09/04/69-09/04/69	0	1	
CANY0101	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	07/17/68-07/17/68	0	1	
CANY0106	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	06/29/78-06/29/78	0	1	
CANY0117	No	01046	IRON, DISSOLVED (UG/L AS FE)	03/27/79-03/25/81	1	4	
CANY0118	No	01046	IRON, DISSOLVED (UG/L AS FE)	03/27/79-03/25/81	1	4	
CANY0123	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	05/07/96-12/09/99	3	12	
CANY0131	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	03/05/70-03/05/70	0	1	
CANY0137	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	04/08/70-04/08/70	0	1	
CANY0143	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	04/07/70-04/07/70	0	1	
CANY0153	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	10/08/92-08/04/99	6	29	
CANY0156	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	10/08/92-08/04/99	6	29	
CANY0160	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	05/20/69-05/20/69	0	1	
CANY0165	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	10/04/93-12/09/99	6	13	
CANY0166	No	01046	IRON, DISSOLVED (UG/L AS FE)	06/19/78-06/19/78	0	1	
CANY0174	No	01046	IRON, DISSOLVED (UG/L AS FE)	03/21/78-03/21/78	0	1	
CANY0176	No	01046	IRON, DISSOLVED (UG/L AS FE)	04/12/83-04/12/83	0	1	
CANY0177	No	01046	IRON, DISSOLVED (UG/L AS FE)	08/07/74-08/07/74	0	1	
CANY0183	No	01046	IRON, DISSOLVED (UG/L AS FE)	04/12/83-04/12/83	0	1	
CANY0185	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	04/07/70-04/07/70	0	1	
CANY0187	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	09/30/93-09/19/99	5	12	
CANY0188	No	01046	IRON, DISSOLVED (UG/L AS FE)	04/12/83-04/12/83	0	1	
CANY0190	No	01046	IRON, DISSOLVED (UG/L AS FE)	06/19/78-06/19/78	0	1	
CANY0194	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	09/20/96-09/19/99	2	11	
CANY0198	No	01046	IRON, DISSOLVED (UG/L AS FE)	02/28/99-02/28/99	0	1	
CANY0199	No	01046	IRON, DISSOLVED (UG/L AS FE)	03/22/78-03/25/81	3	2	
CANY0200	No	01046	IRON, DISSOLVED (UG/L AS FE)	05/15/57-09/03/69	12	2	
CANY0211	No	01046	IRON, DISSOLVED (UG/L AS FE)	05/22/57-05/22/57	0	1	
CANY0216	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	09/09/97-09/09/97	0	1	
CANY0217	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	10/08/92-08/20/97	4	19	
CANY0223	No	01046	IRON, DISSOLVED (UG/L AS FE)	06/25/78-06/25/78	0	1	
CANY0227	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	10/08/92-08/06/98	5	21	
CANY0236	No	01046	IRON, DISSOLVED (UG/L AS FE)	03/27/78-03/27/78	0	1	
CANY0237	No	01046	IRON, DISSOLVED (UG/L AS FE)	03/27/78-03/27/78	0	1	
CANY0238	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	04/14/88-03/02/89	0	5	
CANY0239	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	11/13/69-11/13/69	0	1	
CANY0240	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	03/04/70-03/04/70	0	1	
CANY0245	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	04/14/88-05/01/89	1	6	
CANY0246	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/17/88-05/01/89	0	5	
CANY0247	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/17/88-05/01/89	0	5	
CANY0249	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	05/14/68-05/14/68	0	1	
CANY0250	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	09/09/98-09/09/98	0	1	
CANY0253	No	01046	IRON, DISSOLVED (UG/L AS FE)	06/22/78-06/22/78	0	1	
CANY0256	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	10/05/78-10/05/78	0	1	
CANY0259	No	01046	IRON, DISSOLVED (UG/L AS FE)	06/25/78-06/25/78	0	1	
CANY0266	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	10/24/67-10/24/67	0	1	
CANY0271	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	03/04/70-03/04/70	0	1	
CANY0273	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	12/01/98-09/19/99	0	4	

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

**Station/Parameter Period of Record Tabulation
From 10/02/48 To 12/09/99**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
CANY0275	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	11/12/69-11/12/69	0	1	
CANY0277	No	01046	IRON, DISSOLVED (UG/L AS FE)	10/08/92-08/06/98	5	16	
CANY0278	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	11/17/97-09/03/98	0	4	
CANY0282	No	01046	IRON, DISSOLVED (UG/L AS FE)	10/20/94-05/17/96	1	3	
CANY0284	No	01046	IRON, DISSOLVED (UG/L AS FE)	10/08/92-08/06/98	5	22	
CANY0286	No	01046	IRON, DISSOLVED (UG/L AS FE)	06/26/78-06/26/78	0	1	
CANY0287	No	01046	IRON, DISSOLVED (UG/L AS FE)	10/23/94-07/30/95	0	2	
CANY0288	No	01046	IRON, DISSOLVED (UG/L AS FE)	09/20/77-01/27/81	3	15	
CANY0290	No	01046	IRON, DISSOLVED (UG/L AS FE)	10/23/94-10/23/94	0	1	
CANY0291	No	01046	IRON, DISSOLVED (UG/L AS FE)	03/20/78-09/06/99	21	21	
CANY0294	No	01046	IRON, DISSOLVED (UG/L AS FE)	05/14/92-05/14/92	0	1	
CANY0295	No	01046	IRON, DISSOLVED (UG/L AS FE)	09/03/92-09/05/99	7	3	
CANY0296	No	01046	IRON, DISSOLVED (UG/L AS FE)	06/29/78-06/29/78	0	1	
CANY0298	No	01046	IRON, DISSOLVED (UG/L AS FE)	05/12/92-09/04/99	7	2	
CANY0005	No	01049	LEAD, DISSOLVED (UG/L AS PB)	06/02/80-06/02/80	0	1	
CANY0006	No	01049	LEAD, DISSOLVED (UG/L AS PB)	08/09/79-08/09/79	0	1	
CANY0009	No	01049	LEAD, DISSOLVED (UG/L AS PB)	06/01/78-06/01/78	0	1	
CANY0012	No	01049	LEAD, DISSOLVED (UG/L AS PB)	08/09/79-08/09/79	0	1	
CANY0018	No	01049	LEAD, DISSOLVED (UG/L AS PB)	08/09/79-08/09/79	0	1	
CANY0021	No	01049	LEAD, DISSOLVED (UG/L AS PB)	07/06/93-11/30/99	6	11	
CANY0024	No	01049	LEAD, DISSOLVED (UG/L AS PB)	09/15/81-09/15/81	0	1	
CANY0026	No	01049	LEAD, DISSOLVED (UG/L AS PB)	06/02/80-06/02/80	0	1	
CANY0028	No	01049	LEAD, DISSOLVED (UG/L AS PB)	07/06/93-11/30/99	6	11	
CANY0030	No	01049	LEAD, DISSOLVED (UG/L AS PB)	03/25/81-05/06/98	17	5	
CANY0038	No	01049	LEAD, DISSOLVED (UG/L AS PB)	03/21/78-03/21/78	0	1	
CANY0040	No	01049	LEAD, DISSOLVED (UG/L AS PB)	03/28/81-11/30/99	18	12	
CANY0052	No	01049	LEAD, DISSOLVED (UG/L AS PB)	07/01/68-07/01/68	0	1	
CANY0054	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	04/28/97-09/09/99	2	6	
CANY0057	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	07/02/93-08/05/99	6	12	
CANY0063	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	04/28/97-09/09/99	2	8	
CANY0064	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	04/28/97-09/09/99	2	8	
CANY0091	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	05/07/96-12/09/99	3	11	
CANY0117	No	01049	LEAD, DISSOLVED (UG/L AS PB)	03/27/79-03/25/81	1	4	
CANY0118	No	01049	LEAD, DISSOLVED (UG/L AS PB)	03/27/79-09/15/81	2	4	
CANY0123	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	05/07/96-12/09/99	3	12	
CANY0153	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	10/08/92-08/04/99	6	29	
CANY0156	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	10/08/92-08/04/99	6	29	
CANY0165	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	10/04/93-12/09/99	6	13	
CANY0177	No	01049	LEAD, DISSOLVED (UG/L AS PB)	08/07/74-08/07/74	0	1	
CANY0187	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	09/30/93-09/19/99	5	12	
CANY0194	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	09/20/96-09/19/99	2	11	
CANY0198	No	01049	LEAD, DISSOLVED (UG/L AS PB)	02/28/99-02/28/99	0	1	
CANY0199	No	01049	LEAD, DISSOLVED (UG/L AS PB)	03/25/81-03/25/81	0	1	
CANY0200	No	01049	LEAD, DISSOLVED (UG/L AS PB)	05/15/57-05/15/57	0	1	
CANY0216	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	09/09/97-09/09/97	0	1	
CANY0217	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	10/08/92-08/20/97	4	19	
CANY0227	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	10/08/92-08/06/98	5	21	
CANY0236	No	01049	LEAD, DISSOLVED (UG/L AS PB)	04/29/81-04/29/81	0	1	
CANY0237	No	01049	LEAD, DISSOLVED (UG/L AS PB)	04/29/81-04/29/81	0	1	
CANY0238	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	04/14/88-03/02/89	0	5	
CANY0244	No	01049	LEAD, DISSOLVED (UG/L AS PB)	04/29/81-04/29/81	0	1	
CANY0245	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	04/14/88-05/01/89	1	6	
CANY0246	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	08/17/88-05/01/89	0	5	
CANY0247	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	08/17/88-05/01/89	0	4	
CANY0250	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	09/09/98-09/09/98	0	1	
CANY0273	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	12/01/98-09/19/99	0	4	
CANY0277	No	01049	LEAD, DISSOLVED (UG/L AS PB)	10/08/92-08/06/98	5	16	
CANY0278	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	11/17/97-09/03/98	0	4	
CANY0282	No	01049	LEAD, DISSOLVED (UG/L AS PB)	10/20/94-05/17/96	1	3	
CANY0284	No	01049	LEAD, DISSOLVED (UG/L AS PB)	10/08/92-08/06/98	5	22	
CANY0287	No	01049	LEAD, DISSOLVED (UG/L AS PB)	07/30/95-07/30/95	0	1	
CANY0288	No	01049	LEAD, DISSOLVED (UG/L AS PB)	03/13/79-01/27/81	1	14	
CANY0291	No	01049	LEAD, DISSOLVED (UG/L AS PB)	04/24/79-09/06/99	20	21	
CANY0294	No	01049	LEAD, DISSOLVED (UG/L AS PB)	05/14/92-05/14/92	0	1	
CANY0295	No	01049	LEAD, DISSOLVED (UG/L AS PB)	09/03/92-09/05/99	7	3	
CANY0298	No	01049	LEAD, DISSOLVED (UG/L AS PB)	05/12/92-09/04/99	7	2	
CANY0041	No	01051	LEAD, TOTAL (UG/L AS PB)	06/18/80-11/12/80	0	2	
CANY0118	No	01051	LEAD, TOTAL (UG/L AS PB)	03/27/80-03/16/82	1	2	
CANY0178	No	01051	LEAD, TOTAL (UG/L AS PB)	06/18/80-11/12/80	0	2	
CANY0198	No	01051	LEAD, TOTAL (UG/L AS PB)	11/12/80-04/24/81	0	2	
CANY0208	No	01051	LEAD, TOTAL (UG/L AS PB)	11/14/80-04/24/81	0	2	
CANY0209	No	01051	LEAD, TOTAL (UG/L AS PB)	11/13/80-04/24/81	0	2	

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Station/Parameter Period of Record Tabulation From 10/02/48 To 12/09/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
CANY0210	No	01051	LEAD, TOTAL (UG/L AS PB)	11/13/80-04/24/81	0	2	
CANY0224	No	01051	LEAD, TOTAL (UG/L AS PB)	11/14/80-04/24/81	0	2	
CANY0241	No	01051	LEAD, TOTAL (UG/L AS PB)	11/14/80-04/24/81	0	2	
CANY0248	No	01051	LEAD, TOTAL (UG/L AS PB)	11/14/80-11/14/80	0	1	
CANY0255	No	01051	LEAD, TOTAL (UG/L AS PB)	11/14/80-04/24/81	0	2	
CANY0270	No	01051	LEAD, TOTAL (UG/L AS PB)	04/24/81-04/24/81	0	1	
CANY0283	Yes	01051	LEAD, TOTAL (UG/L AS PB)	06/17/80-11/14/80	0	2	
CANY0047	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	05/08/85-05/22/90	5	7	
CANY0060	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	02/13/85-05/17/90	5	9	
CANY0068	No	01055	MANGANESE, TOTAL (UG/L AS MN)	02/12/85-05/16/90	5	6	
CANY0087	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	04/24/85-04/07/88	2	3	
CANY0092	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	08/10/87-05/20/90	2	6	
CANY0096	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	10/16/84-05/07/90	5	11	
CANY0098	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	10/16/84-05/07/90	5	11	
CANY0104	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	02/14/85-05/09/85	0	2	
CANY0105	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	08/28/85-05/17/90	4	7	
CANY0108	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	02/13/85-05/20/90	5	9	
CANY0111	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	02/12/85-05/17/90	5	9	
CANY0118	No	01055	MANGANESE, TOTAL (UG/L AS MN)	03/27/80-03/16/82	1	2	
CANY0124	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	02/12/85-05/18/90	5	10	
CANY0130	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	02/14/85-05/18/90	5	8	
CANY0134	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	02/14/85-05/20/90	5	9	
CANY0144	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	10/14/84-05/10/90	5	11	
CANY0147	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	10/15/84-10/06/89	4	10	
CANY0149	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	10/15/84-05/10/90	5	8	
CANY0158	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	02/11/85-05/22/90	5	9	
CANY0163	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	07/10/85-04/06/88	2	3	
CANY0175	No	01055	MANGANESE, TOTAL (UG/L AS MN)	09/30/84-10/08/89	5	8	
CANY0186	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	06/04/85-05/11/90	4	9	
CANY0192	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	10/01/84-05/08/90	5	10	
CANY0193	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	10/02/84-05/11/90	5	9	
CANY0196	No	01055	MANGANESE, TOTAL (UG/L AS MN)	10/03/84-05/11/90	5	7	
CANY0203	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	06/06/85-05/08/90	4	7	
CANY0206	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	10/01/84-05/08/90	5	8	
CANY0215	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	04/08/87-04/08/87	0	1	
CANY0232	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	09/11/84-09/12/89	5	11	
CANY0251	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	10/29/84-03/23/90	5	12	
CANY0261	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	09/27/84-05/12/90	5	8	
CANY0262	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	09/22/84-03/22/90	5	11	
CANY0267	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	09/22/84-03/22/90	5	7	
CANY0274	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	07/10/85-05/11/90	4	6	
CANY0276	No	01055	MANGANESE, TOTAL (UG/L AS MN)	04/04/94-07/12/94	0	2	
CANY0277	No	01055	MANGANESE, TOTAL (UG/L AS MN)	04/04/94-07/12/94	0	2	
CANY0280	Yes	01055	MANGANESE, TOTAL (UG/L AS MN)	09/11/84-03/28/90	5	9	
CANY0287	No	01055	MANGANESE, TOTAL (UG/L AS MN)	04/04/94-07/12/94	0	2	
CANY0290	No	01055	MANGANESE, TOTAL (UG/L AS MN)	04/04/94-07/12/94	0	2	
CANY0005	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	06/02/80-08/26/80	0	2	
CANY0006	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/09/79-08/09/79	0	1	
CANY0009	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	06/01/78-06/01/78	0	1	
CANY0012	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/09/79-08/09/79	0	1	
CANY0018	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/09/79-08/09/79	0	1	
CANY0021	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/06/93-11/30/99	6	11	
CANY0024	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/15/81-09/15/81	0	1	
CANY0026	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	06/02/80-09/29/80	0	2	
CANY0028	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/06/93-11/30/99	6	11	
CANY0030	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/25/81-05/06/98	17	5	
CANY0038	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/21/78-03/21/78	0	1	
CANY0040	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/28/81-11/30/99	18	12	
CANY0052	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/01/68-07/01/68	0	1	
CANY0054	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/28/97-09/09/99	2	6	
CANY0057	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/02/93-08/05/99	6	12	
CANY0063	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/28/97-09/09/99	2	8	
CANY0064	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/28/97-09/09/99	2	8	
CANY0091	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/07/96-12/09/99	3	11	
CANY0117	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/27/79-03/25/81	1	4	
CANY0118	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/27/79-09/15/81	2	5	
CANY0123	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/07/96-12/09/99	3	12	
CANY0153	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/08/92-08/04/99	6	29	
CANY0156	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/08/92-08/04/99	6	29	
CANY0165	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/04/93-12/09/99	6	13	
CANY0176	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/12/83-04/12/83	0	1	
CANY0177	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/07/74-08/07/74	0	1	

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Station/Parameter Period of Record Tabulation From 10/02/48 To 12/09/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
CANY0183	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/12/83-04/12/83	0	1	
CANY0187	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/30/93-09/19/99	5	12	
CANY0188	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/12/83-04/12/83	0	1	
CANY0194	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/20/96-09/19/99	2	11	
CANY0198	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	02/28/99-02/28/99	0	1	
CANY0199	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/25/81-03/25/81	0	1	
CANY0216	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/09/97-09/09/97	0	1	
CANY0217	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/08/92-08/20/97	4	19	
CANY0227	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/08/92-08/06/98	5	21	
CANY0236	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/29/81-04/29/81	0	1	
CANY0237	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/29/81-04/29/81	0	1	
CANY0238	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/14/88-03/02/89	0	5	
CANY0244	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/29/81-04/29/81	0	1	
CANY0245	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/14/88-05/01/89	1	6	
CANY0246	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/17/88-05/01/89	0	5	
CANY0247	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/17/88-05/01/89	0	5	
CANY0250	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/09/98-09/09/98	0	1	
CANY0269	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/26/79-05/26/79	0	1	
CANY0273	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	12/01/98-09/19/99	0	4	
CANY0277	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/08/92-08/06/98	5	16	
CANY0278	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	11/17/97-09/03/98	0	4	
CANY0282	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/20/94-05/17/96	1	3	
CANY0284	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/08/92-08/06/98	5	22	
CANY0287	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/23/94-07/30/95	0	2	
CANY0288	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/13/79-01/27/81	1	15	
CANY0290	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/23/94-10/23/94	0	1	
CANY0291	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/24/79-09/06/99	20	21	
CANY0294	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/14/92-05/14/92	0	1	
CANY0295	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/03/92-09/05/99	7	3	
CANY0298	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/12/92-09/04/99	7	2	
CANY0009	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	06/01/78-06/01/78	0	1	
CANY0238	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	04/14/88-03/02/89	0	5	
CANY0245	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	04/14/88-05/01/89	1	6	
CANY0246	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	08/17/88-05/01/89	0	5	
CANY0247	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	08/17/88-05/01/89	0	5	
CANY0041	No	01062	MOLYBDENUM, TOTAL (UG/L AS MO)	06/18/80-11/12/80	0	2	
CANY0178	No	01062	MOLYBDENUM, TOTAL (UG/L AS MO)	06/18/80-11/12/80	0	2	
CANY0198	No	01062	MOLYBDENUM, TOTAL (UG/L AS MO)	11/12/80-04/24/81	0	2	
CANY0208	No	01062	MOLYBDENUM, TOTAL (UG/L AS MO)	11/14/80-04/24/81	0	2	
CANY0209	No	01062	MOLYBDENUM, TOTAL (UG/L AS MO)	11/13/80-04/24/81	0	2	
CANY0210	No	01062	MOLYBDENUM, TOTAL (UG/L AS MO)	11/13/80-04/24/81	0	2	
CANY0224	No	01062	MOLYBDENUM, TOTAL (UG/L AS MO)	11/14/80-04/24/81	0	2	
CANY0241	No	01062	MOLYBDENUM, TOTAL (UG/L AS MO)	11/14/80-04/24/81	0	2	
CANY0248	No	01062	MOLYBDENUM, TOTAL (UG/L AS MO)	11/14/80-11/14/80	0	1	
CANY0255	No	01062	MOLYBDENUM, TOTAL (UG/L AS MO)	11/14/80-04/24/81	0	2	
CANY0270	No	01062	MOLYBDENUM, TOTAL (UG/L AS MO)	04/24/81-04/24/81	0	1	
CANY0283	Yes	01062	MOLYBDENUM, TOTAL (UG/L AS MO)	06/17/80-11/14/80	0	2	
CANY0006	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	08/09/79-08/09/79	0	1	
CANY0009	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	06/01/78-06/01/78	0	1	
CANY0012	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	08/09/79-08/09/79	0	1	
CANY0018	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	08/09/79-08/09/79	0	1	
CANY0024	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	09/15/81-09/15/81	0	1	
CANY0030	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	03/25/81-03/25/81	0	1	
CANY0038	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	03/21/78-03/21/78	0	1	
CANY0040	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	03/28/81-03/28/81	0	1	
CANY0117	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	03/27/79-03/25/81	1	4	
CANY0118	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	03/27/79-09/15/81	2	5	
CANY0177	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	08/07/74-08/07/74	0	1	
CANY0199	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	03/25/81-03/25/81	0	1	
CANY0236	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	04/29/81-04/29/81	0	1	
CANY0237	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	04/29/81-04/29/81	0	1	
CANY0238	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	04/14/88-03/02/89	0	5	
CANY0244	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	04/29/81-04/29/81	0	1	
CANY0245	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	04/14/88-05/01/89	1	6	
CANY0246	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	08/17/88-05/01/89	0	5	
CANY0247	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	08/17/88-05/01/89	0	5	
CANY0287	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	09/23/92-10/23/94	2	2	
CANY0288	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	10/17/77-01/27/81	3	16	
CANY0290	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	09/23/92-10/23/94	2	2	
CANY0291	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	04/24/79-12/02/80	1	6	
CANY0041	No	01067	NICKEL, TOTAL (UG/L AS NI)	06/18/80-11/12/80	0	2	
CANY0118	No	01067	NICKEL, TOTAL (UG/L AS NI)	03/27/80-03/16/82	1	2	

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

Station/Parameter Period of Record Tabulation **From 10/02/48 To 12/09/99**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
CANY0178	No	01067	NICKEL, TOTAL (UG/L AS NI)	06/18/80-11/12/80	0	2	
CANY0198	No	01067	NICKEL, TOTAL (UG/L AS NI)	11/12/80-04/24/81	0	2	
CANY0208	No	01067	NICKEL, TOTAL (UG/L AS NI)	11/14/80-04/24/81	0	2	
CANY0209	No	01067	NICKEL, TOTAL (UG/L AS NI)	11/13/80-04/24/81	0	2	
CANY0210	No	01067	NICKEL, TOTAL (UG/L AS NI)	11/13/80-04/24/81	0	2	
CANY0224	No	01067	NICKEL, TOTAL (UG/L AS NI)	11/14/80-04/24/81	0	2	
CANY0241	No	01067	NICKEL, TOTAL (UG/L AS NI)	11/14/80-04/24/81	0	2	
CANY0248	No	01067	NICKEL, TOTAL (UG/L AS NI)	11/14/80-11/14/80	0	1	
CANY0255	No	01067	NICKEL, TOTAL (UG/L AS NI)	11/14/80-04/24/81	0	2	
CANY0270	No	01067	NICKEL, TOTAL (UG/L AS NI)	04/24/81-04/24/81	0	1	
CANY0276	No	01067	NICKEL, TOTAL (UG/L AS NI)	04/04/94-07/12/94	0	2	
CANY0277	No	01067	NICKEL, TOTAL (UG/L AS NI)	04/04/94-07/12/94	0	2	
CANY0283	Yes	01067	NICKEL, TOTAL (UG/L AS NI)	06/17/80-11/14/80	0	2	
CANY0287	No	01067	NICKEL, TOTAL (UG/L AS NI)	04/04/94-07/12/94	0	2	
CANY0290	No	01067	NICKEL, TOTAL (UG/L AS NI)	04/04/94-07/12/94	0	2	
CANY0006	No	01075	SILVER, DISSOLVED (UG/L AS AG)	08/09/79-08/09/79	0	1	
CANY0012	No	01075	SILVER, DISSOLVED (UG/L AS AG)	08/09/79-08/09/79	0	1	
CANY0018	No	01075	SILVER, DISSOLVED (UG/L AS AG)	08/09/79-08/09/79	0	1	
CANY0021	No	01075	SILVER, DISSOLVED (UG/L AS AG)	07/06/93-11/30/99	6	11	
CANY0024	No	01075	SILVER, DISSOLVED (UG/L AS AG)	09/15/81-09/15/81	0	1	
CANY0028	No	01075	SILVER, DISSOLVED (UG/L AS AG)	07/06/93-11/30/99	6	11	
CANY0030	No	01075	SILVER, DISSOLVED (UG/L AS AG)	03/25/81-05/06/98	17	5	
CANY0038	No	01075	SILVER, DISSOLVED (UG/L AS AG)	03/21/78-03/21/78	0	1	
CANY0040	No	01075	SILVER, DISSOLVED (UG/L AS AG)	03/28/81-11/30/99	18	12	
CANY0052	No	01075	SILVER, DISSOLVED (UG/L AS AG)	07/01/68-07/01/68	0	1	
CANY0054	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	04/28/97-09/09/99	2	6	
CANY0057	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	07/02/93-08/05/99	6	12	
CANY0063	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	04/28/97-09/09/99	2	8	
CANY0064	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	04/28/97-09/09/99	2	8	
CANY0091	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	05/07/96-12/09/99	3	11	
CANY0117	No	01075	SILVER, DISSOLVED (UG/L AS AG)	03/27/79-03/25/81	1	4	
CANY0118	No	01075	SILVER, DISSOLVED (UG/L AS AG)	03/27/79-09/15/81	2	5	
CANY0123	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	05/07/96-12/09/99	3	12	
CANY0153	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	10/08/92-08/04/99	6	29	
CANY0156	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	10/08/92-08/04/99	6	29	
CANY0165	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	10/04/93-12/09/99	6	13	
CANY0177	No	01075	SILVER, DISSOLVED (UG/L AS AG)	08/07/74-08/07/74	0	1	
CANY0187	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	09/30/93-09/19/99	5	12	
CANY0194	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	09/20/96-09/19/99	2	11	
CANY0198	No	01075	SILVER, DISSOLVED (UG/L AS AG)	02/28/99-02/28/99	0	1	
CANY0199	No	01075	SILVER, DISSOLVED (UG/L AS AG)	03/25/81-03/25/81	0	1	
CANY0216	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	09/09/97-09/09/97	0	1	
CANY0217	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	10/08/92-08/20/97	4	19	
CANY0227	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	10/08/92-08/06/98	5	21	
CANY0236	No	01075	SILVER, DISSOLVED (UG/L AS AG)	04/29/81-04/29/81	0	1	
CANY0237	No	01075	SILVER, DISSOLVED (UG/L AS AG)	04/29/81-04/29/81	0	1	
CANY0238	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	04/14/88-03/02/89	0	5	
CANY0244	No	01075	SILVER, DISSOLVED (UG/L AS AG)	04/29/81-04/29/81	0	1	
CANY0245	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	04/14/88-05/01/89	1	6	
CANY0246	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	08/17/88-05/01/89	0	5	
CANY0247	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	08/17/88-05/01/89	0	5	
CANY0250	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	09/09/98-09/09/98	0	1	
CANY0273	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	12/01/98-09/19/99	0	4	
CANY0277	No	01075	SILVER, DISSOLVED (UG/L AS AG)	10/08/92-08/06/98	5	16	
CANY0278	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	11/17/97-09/03/98	0	4	
CANY0282	No	01075	SILVER, DISSOLVED (UG/L AS AG)	10/20/94-05/17/96	1	3	
CANY0284	No	01075	SILVER, DISSOLVED (UG/L AS AG)	10/08/92-08/06/98	5	22	
CANY0287	No	01075	SILVER, DISSOLVED (UG/L AS AG)	07/30/95-07/30/95	0	1	
CANY0288	No	01075	SILVER, DISSOLVED (UG/L AS AG)	10/17/77-01/27/81	3	15	
CANY0291	No	01075	SILVER, DISSOLVED (UG/L AS AG)	04/24/79-09/06/99	20	21	
CANY0294	No	01075	SILVER, DISSOLVED (UG/L AS AG)	05/14/92-05/14/92	0	1	
CANY0295	No	01075	SILVER, DISSOLVED (UG/L AS AG)	09/03/92-09/05/99	7	3	
CANY0298	No	01075	SILVER, DISSOLVED (UG/L AS AG)	05/12/92-09/04/99	7	2	
CANY0118	No	01077	SILVER, TOTAL (UG/L AS AG)	03/27/80-03/16/82	1	2	
CANY0164	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	10/23/77-10/23/77	0	1	
CANY0225	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	10/22/77-10/22/77	0	1	
CANY0238	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	04/14/88-03/02/89	0	5	
CANY0245	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	04/14/88-05/01/89	1	6	
CANY0246	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/17/88-05/01/89	0	5	
CANY0247	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/17/88-05/01/89	0	5	
CANY0179	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	05/25/79-05/25/79	0	1	
CANY0197	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	05/22/79-05/22/79	0	1	

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

Station/Parameter Period of Record Tabulation
From 10/02/48 To 12/09/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
CANY0205	Yes	01085	VANADIUM, DISSOLVED (UG/L AS V)	05/30/79-05/30/79	0	1	
CANY0219	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	05/30/79-05/30/79	0	1	
CANY0220	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	05/25/79-05/25/79	0	1	
CANY0222	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	05/30/79-05/30/79	0	1	
CANY0238	Yes	01085	VANADIUM, DISSOLVED (UG/L AS V)	04/14/88-03/02/89	0	5	
CANY0245	Yes	01085	VANADIUM, DISSOLVED (UG/L AS V)	04/14/88-05/01/89	1	6	
CANY0246	Yes	01085	VANADIUM, DISSOLVED (UG/L AS V)	08/17/88-05/01/89	0	5	
CANY0247	Yes	01085	VANADIUM, DISSOLVED (UG/L AS V)	08/17/88-05/01/89	0	5	
CANY0254	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	05/23/79-05/23/79	0	1	
CANY0269	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	05/26/79-05/26/79	0	1	
CANY0293	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	05/17/79-05/17/79	0	1	
CANY0006	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/09/79-08/09/79	0	1	
CANY0009	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	06/01/78-06/01/78	0	1	
CANY0012	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/09/79-08/09/79	0	1	
CANY0018	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/09/79-08/09/79	0	1	
CANY0021	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/06/93-11/30/99	6	11	
CANY0024	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	09/15/81-09/15/81	0	1	
CANY0028	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/06/93-11/30/99	6	11	
CANY0030	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	03/25/81-05/06/98	17	5	
CANY0038	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	03/21/78-03/21/78	0	1	
CANY0040	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	03/28/81-11/30/99	18	12	
CANY0052	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/01/68-07/01/68	0	1	
CANY0054	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	04/28/97-09/09/99	2	6	
CANY0057	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/02/93-08/05/99	6	12	
CANY0063	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	04/28/97-09/09/99	2	8	
CANY0064	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	04/28/97-09/09/99	2	8	
CANY0091	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	05/07/96-12/09/99	3	11	
CANY0117	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	03/27/79-03/25/81	1	4	
CANY0118	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	03/27/79-09/15/81	2	5	
CANY0123	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	05/07/96-12/09/99	3	12	
CANY0153	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	10/08/92-08/04/99	6	29	
CANY0156	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	10/08/92-08/04/99	6	29	
CANY0165	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	10/04/93-12/09/99	6	13	
CANY0177	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/07/74-08/07/74	0	1	
CANY0187	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	09/30/93-09/19/99	5	12	
CANY0194	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	09/20/96-09/19/99	2	11	
CANY0198	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	02/28/99-02/28/99	0	1	
CANY0199	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	03/25/81-03/25/81	0	1	
CANY0216	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	09/09/97-09/09/97	0	1	
CANY0217	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	10/08/92-08/20/97	4	19	
CANY0227	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	10/08/92-08/06/98	5	21	
CANY0236	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	04/29/81-04/29/81	0	1	
CANY0237	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	04/29/81-04/29/81	0	1	
CANY0238	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	04/14/88-03/02/89	0	5	
CANY0244	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	04/29/81-04/29/81	0	1	
CANY0245	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	04/14/88-05/01/89	1	6	
CANY0246	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/17/88-05/01/89	0	5	
CANY0247	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/17/88-05/01/89	0	5	
CANY0250	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	09/09/98-09/09/98	0	1	
CANY0273	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	12/01/98-09/19/99	0	4	
CANY0277	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	10/08/92-08/06/98	5	16	
CANY0278	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	11/17/97-09/03/98	0	4	
CANY0282	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	10/20/94-05/17/96	1	3	
CANY0284	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	10/08/92-08/06/98	5	22	
CANY0287	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/30/95-07/30/95	0	1	
CANY0288	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	03/13/79-01/27/81	1	15	
CANY0290	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	10/23/94-10/23/94	0	1	
CANY0291	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	10/19/77-09/06/99	21	22	
CANY0294	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	05/14/92-05/14/92	0	1	
CANY0295	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	09/03/92-09/05/99	7	3	
CANY0298	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	05/12/92-09/04/99	7	2	
CANY0041	No	01092	ZINC, TOTAL (UG/L AS ZN)	06/18/80-11/12/80	0	2	
CANY0118	No	01092	ZINC, TOTAL (UG/L AS ZN)	03/27/80-03/16/82	1	2	
CANY0178	No	01092	ZINC, TOTAL (UG/L AS ZN)	06/18/80-11/12/80	0	2	
CANY0198	No	01092	ZINC, TOTAL (UG/L AS ZN)	11/12/80-04/24/81	0	2	
CANY0208	No	01092	ZINC, TOTAL (UG/L AS ZN)	11/14/80-04/24/81	0	2	
CANY0209	No	01092	ZINC, TOTAL (UG/L AS ZN)	11/13/80-04/24/81	0	2	
CANY0210	No	01092	ZINC, TOTAL (UG/L AS ZN)	11/13/80-04/24/81	0	2	
CANY0224	No	01092	ZINC, TOTAL (UG/L AS ZN)	11/14/80-04/24/81	0	2	
CANY0241	No	01092	ZINC, TOTAL (UG/L AS ZN)	11/14/80-04/24/81	0	2	
CANY0248	No	01092	ZINC, TOTAL (UG/L AS ZN)	11/14/80-11/14/80	0	1	
CANY0255	No	01092	ZINC, TOTAL (UG/L AS ZN)	11/14/80-04/24/81	0	2	

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

**Station/Parameter Period of Record Tabulation
From 10/02/48 To 12/09/99**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
CANY0270	No	01092	ZINC, TOTAL (UG/L AS ZN)	04/24/81-04/24/81	0	1	
CANY0276	No	01092	ZINC, TOTAL (UG/L AS ZN)	04/04/94-07/12/94	0	2	
CANY0277	No	01092	ZINC, TOTAL (UG/L AS ZN)	04/04/94-07/12/94	0	2	
CANY0283	Yes	01092	ZINC, TOTAL (UG/L AS ZN)	06/17/80-11/14/80	0	2	
CANY0287	No	01092	ZINC, TOTAL (UG/L AS ZN)	04/04/94-07/12/94	0	2	
CANY0290	No	01092	ZINC, TOTAL (UG/L AS ZN)	04/04/94-07/12/94	0	2	
CANY0021	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	05/12/95-11/30/99	4	10	
CANY0024	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/15/81-09/15/81	0	1	
CANY0028	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	05/12/95-11/30/99	4	10	
CANY0030	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/31/97-05/06/98	0	4	
CANY0040	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	05/12/95-11/30/99	4	10	
CANY0054	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	04/28/97-09/09/99	2	6	
CANY0057	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	10/22/94-08/05/99	4	9	
CANY0063	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	04/28/97-09/09/99	2	8	
CANY0064	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	04/28/97-09/09/99	2	8	
CANY0091	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	05/07/96-12/09/99	3	11	
CANY0123	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	05/07/96-12/09/99	3	12	
CANY0153	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	10/21/94-08/04/99	4	23	
CANY0156	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	10/21/94-08/04/99	4	23	
CANY0165	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	05/07/96-12/09/99	3	12	
CANY0187	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/20/96-09/19/99	2	11	
CANY0194	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/20/96-09/19/99	2	11	
CANY0198	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	02/28/99-02/28/99	0	1	
CANY0205	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	05/30/79-05/30/79	0	1	
CANY0216	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/09/97-09/09/97	0	1	
CANY0217	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	10/21/94-08/20/97	2	15	
CANY0227	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	10/20/94-08/06/98	3	16	
CANY0250	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/09/98-09/09/98	0	1	
CANY0273	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	12/01/98-09/19/99	0	4	
CANY0277	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	04/19/95-08/06/98	3	13	
CANY0278	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	11/17/97-09/03/98	0	4	
CANY0282	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	10/20/94-05/17/96	1	3	
CANY0284	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	10/20/94-08/06/98	3	17	
CANY0287	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/30/95-07/30/95	0	1	
CANY0291	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	10/18/94-09/06/99	4	8	
CANY0295	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/05/99-09/05/99	0	1	
CANY0298	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/04/99-09/04/99	0	1	
CANY0164	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	10/23/77-10/23/77	0	1	
CANY0225	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	10/22/77-10/22/77	0	1	
CANY0238	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	04/14/88-03/02/89	0	5	
CANY0245	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	04/14/88-05/01/89	1	6	
CANY0246	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/17/88-05/01/89	0	5	
CANY0247	Yes	01130	LITHIUM, DISSOLVED (UG/L AS LI)	08/17/88-05/01/89	0	5	
CANY0005	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	06/02/80-08/26/80	0	2	
CANY0006	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	08/09/79-08/09/79	0	1	
CANY0012	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	08/09/79-08/09/79	0	1	
CANY0018	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	08/09/79-08/09/79	0	1	
CANY0021	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	07/06/93-11/30/99	6	11	
CANY0024	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	09/15/81-09/15/81	0	1	
CANY0026	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	06/02/80-09/29/80	0	2	
CANY0028	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	07/06/93-11/30/99	6	11	
CANY0030	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	03/25/81-05/06/98	17	5	
CANY0038	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	03/21/78-03/21/78	0	1	
CANY0040	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	03/28/81-11/30/99	18	12	
CANY0052	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	07/01/68-07/01/68	0	1	
CANY0054	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	04/28/97-09/09/99	2	6	
CANY0057	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	07/02/93-08/05/99	6	12	
CANY0063	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	04/28/97-09/09/99	2	8	
CANY0064	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	04/28/97-09/09/99	2	8	
CANY0075	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	05/20/68-05/20/68	0	1	
CANY0080	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	05/02/68-05/02/68	0	1	
CANY0090	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/09/68-10/09/68	0	1	
CANY0091	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	05/07/96-12/09/99	3	11	
CANY0095	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	09/04/69-09/04/69	0	1	
CANY0110	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	05/02/68-05/02/68	0	1	
CANY0116	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	05/02/68-05/02/68	0	1	
CANY0117	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	03/27/79-03/25/81	1	4	
CANY0118	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	03/27/79-09/15/81	2	5	
CANY0123	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	05/07/96-12/09/99	3	12	
CANY0131	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	03/05/70-03/05/70	0	1	
CANY0137	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	04/08/70-04/08/70	0	1	
CANY0143	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	04/07/70-04/07/70	0	1	

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**Station/Parameter Period of Record Tabulation
From 10/02/48 To 12/09/99**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
CANY0153	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/08/92-08/04/99	6	29	
CANY0156	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/08/92-08/04/99	6	29	
CANY0160	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	05/20/69-05/20/69	0	1	
CANY0165	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/04/93-12/09/99	6	13	
CANY0177	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	08/07/74-08/07/74	0	1	
CANY0185	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	04/07/70-04/07/70	0	1	
CANY0187	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	09/30/93-09/19/99	5	12	
CANY0194	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	09/20/96-09/19/99	2	11	
CANY0198	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	02/28/99-02/28/99	0	1	
CANY0199	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	03/25/81-03/25/81	0	1	
CANY0216	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	09/09/97-09/09/97	0	1	
CANY0217	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/08/92-08/20/97	4	19	
CANY0227	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/08/92-08/06/98	5	21	
CANY0239	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	11/13/69-11/13/69	0	1	
CANY0240	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	03/04/70-03/04/70	0	1	
CANY0249	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	05/14/68-05/14/68	0	1	
CANY0250	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	09/09/98-09/09/98	0	1	
CANY0271	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	03/04/70-03/04/70	0	1	
CANY0273	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	12/01/98-09/19/99	0	4	
CANY0275	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	11/12/69-11/12/69	0	1	
CANY0277	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/08/92-08/06/98	5	16	
CANY0278	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	11/17/97-09/03/98	0	4	
CANY0282	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/20/94-05/17/96	1	3	
CANY0284	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/08/92-08/06/98	5	22	
CANY0287	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/23/94-07/30/95	0	2	
CANY0288	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	09/20/77-01/27/81	3	17	
CANY0290	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/23/94-10/23/94	0	1	
CANY0291	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/19/77-09/06/99	21	22	
CANY0294	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	05/14/92-05/14/92	0	1	
CANY0295	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	09/03/92-09/05/99	7	3	
CANY0297	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	09/19/77-09/19/77	0	1	
CANY0298	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	05/12/92-09/04/99	7	2	
CANY0041	No	01147	SELENIUM, TOTAL (UG/L AS SE)	06/18/80-11/12/80	0	2	
CANY0118	No	01147	SELENIUM, TOTAL (UG/L AS SE)	03/27/80-03/16/82	1	2	
CANY0178	No	01147	SELENIUM, TOTAL (UG/L AS SE)	06/18/80-11/12/80	0	2	
CANY0198	No	01147	SELENIUM, TOTAL (UG/L AS SE)	11/12/80-04/24/81	0	2	
CANY0208	No	01147	SELENIUM, TOTAL (UG/L AS SE)	11/14/80-04/24/81	0	2	
CANY0209	No	01147	SELENIUM, TOTAL (UG/L AS SE)	11/13/80-04/24/81	0	2	
CANY0210	No	01147	SELENIUM, TOTAL (UG/L AS SE)	11/13/80-04/24/81	0	2	
CANY0224	No	01147	SELENIUM, TOTAL (UG/L AS SE)	11/14/80-04/24/81	0	2	
CANY0241	No	01147	SELENIUM, TOTAL (UG/L AS SE)	11/14/80-04/24/81	0	2	
CANY0248	No	01147	SELENIUM, TOTAL (UG/L AS SE)	11/14/80-11/14/80	0	1	
CANY0255	No	01147	SELENIUM, TOTAL (UG/L AS SE)	11/14/80-04/24/81	0	2	
CANY0270	No	01147	SELENIUM, TOTAL (UG/L AS SE)	04/24/81-04/24/81	0	1	
CANY0276	No	01147	SELENIUM, TOTAL (UG/L AS SE)	04/04/94-07/12/94	0	2	
CANY0277	No	01147	SELENIUM, TOTAL (UG/L AS SE)	04/04/94-07/12/94	0	2	
CANY0283	Yes	01147	SELENIUM, TOTAL (UG/L AS SE)	06/17/80-11/14/80	0	2	
CANY0287	No	01147	SELENIUM, TOTAL (UG/L AS SE)	04/04/94-07/12/94	0	2	
CANY0290	No	01147	SELENIUM, TOTAL (UG/L AS SE)	04/04/94-07/12/94	0	2	
CANY0053	No	01149	SELENIUM, TOTAL IN FISH OR ANIMALS WET WGT MG/KG	12/01/71-04/27/72	0	9	
CANY0009	No	01150	TITANIUM, DISSOLVED (UG/L AS TI)	06/01/78-06/01/78	0	1	
CANY0003	No	01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	09/17/86-09/17/86	0	1	
CANY0006	No	01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	06/12/80-06/12/80	0	1	
CANY0007	No	01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	05/20/77-05/20/77	0	1	
CANY0010	No	01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	06/15/82-06/15/82	0	1	
CANY0012	No	01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	06/12/80-06/12/80	0	1	
CANY0013	No	01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	08/09/79-06/12/80	0	2	
CANY0016	No	01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	09/22/87-09/22/87	0	1	
CANY0018	No	01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	06/12/80-06/12/80	0	1	
CANY0020	No	01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	06/12/80-06/12/80	0	1	
CANY0030	No	01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	03/21/78-09/22/87	9	9	
CANY0040	No	01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	03/21/78-06/12/86	8	5	
CANY0044	Yes	01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	10/02/90-05/15/92	1	4	
CANY0054	Yes	01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	06/14/95-06/14/95	0	1	
CANY0057	Yes	01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	07/12/90-07/12/90	0	1	
CANY0061	Yes	01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	09/23/90-05/17/92	1	4	
CANY0063	Yes	01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	06/14/95-06/14/95	0	1	
CANY0064	Yes	01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	06/14/95-06/14/95	0	1	
CANY0069	No	01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	09/21/90-05/18/92	1	4	
CANY0091	Yes	01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	09/23/90-04/24/93	2	5	
CANY0097	Yes	01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	10/24/90-04/30/92	1	4	
CANY0099	No	01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	10/23/90-04/30/92	1	4	

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Station/Parameter Period of Record Tabulation From 10/02/48 To 12/09/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
CANY0107	Yes	01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	09/23/90-09/23/90	0	1	
CANY0109	Yes	01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	09/21/90-05/16/92	1	4	
CANY0113	Yes	01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	05/23/91-05/16/92	0	3	
CANY0117	No	01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	03/27/80-03/16/82	1	2	
CANY0123	Yes	01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	08/30/90-05/16/92	1	4	
CANY0128	Yes	01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	05/26/91-04/24/93	1	4	
CANY0135	Yes	01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	08/30/90-05/16/92	1	4	
CANY0146	Yes	01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	10/23/90-10/23/90	0	1	
CANY0150	Yes	01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	10/23/90-05/01/92	1	4	
CANY0153	Yes	01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	05/04/83-05/15/93	10	32	
CANY0154	Yes	01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	10/23/90-05/02/92	1	3	
CANY0156	Yes	01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	05/04/83-05/15/93	10	28	
CANY0159	Yes	01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	08/30/90-05/16/92	1	4	
CANY0167	No	01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	03/27/80-03/27/80	0	1	
CANY0174	No	01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	03/21/78-03/21/78	0	1	
CANY0178	No	01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	10/26/90-10/26/90	0	1	
CANY0180	No	01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	09/21/87-09/21/87	0	1	
CANY0182	No	01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	09/21/87-09/21/87	0	1	
CANY0187	Yes	01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	10/25/90-05/09/93	2	5	
CANY0191	Yes	01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	10/25/90-05/04/92	1	4	
CANY0194	Yes	01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	10/25/90-05/09/93	2	5	
CANY0198	No	01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	10/26/90-10/26/90	0	1	
CANY0199	No	01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	03/22/78-07/29/80	2	4	
CANY0201	No	01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	09/21/87-09/21/87	0	1	
CANY0202	Yes	01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	10/25/90-05/14/91	0	2	
CANY0204	No	01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	09/21/87-09/21/87	0	1	
CANY0207	Yes	01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	10/25/90-05/03/92	1	4	
CANY0217	Yes	01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	04/16/91-05/15/93	2	4	
CANY0227	Yes	01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	06/15/83-05/15/93	9	29	
CANY0236	No	01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	03/27/78-04/29/80	2	2	
CANY0237	No	01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	03/27/78-04/29/80	2	2	
CANY0242	Yes	01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	07/28/87-07/28/87	0	1	
CANY0244	No	01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	04/29/80-04/29/80	0	1	
CANY0250	Yes	01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	08/14/91-08/14/91	0	1	
CANY0260	Yes	01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	10/27/90-05/05/92	1	4	
CANY0264	Yes	01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	10/04/90-04/18/92	1	4	
CANY0265	Yes	01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	10/04/90-04/18/92	1	3	
CANY0273	Yes	01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	10/27/90-10/27/90	0	1	
CANY0276	No	01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	07/21/91-04/18/95	3	10	
CANY0277	No	01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	07/18/91-04/18/95	3	11	
CANY0279	Yes	01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	10/04/90-10/04/90	0	1	
CANY0282	No	01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	11/14/89-11/02/90	0	3	
CANY0284	No	01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	04/15/91-05/15/93	2	4	
CANY0287	No	01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	11/14/89-10/04/99	9	31	
CANY0288	No	01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	08/23/77-09/20/78	1	8	
CANY0290	No	01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	11/14/89-10/04/99	9	30	
CANY0291	No	01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	03/20/78-05/15/93	15	31	
CANY0294	No	01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	10/03/91-10/03/91	0	1	
CANY0297	No	01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	07/19/77-07/19/77	0	1	
CANY0298	No	01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	06/01/89-06/01/89	0	1	
CANY0153	Yes	01501	ALPHA, TOTAL	01/11/84-07/10/90	6	23	
CANY0156	Yes	01501	ALPHA, TOTAL	01/11/84-07/10/90	6	21	
CANY0227	Yes	01501	ALPHA, TOTAL	11/04/83-04/17/90	6	21	
CANY0230	Yes	01501	ALPHA, TOTAL	09/07/87-09/07/87	0	1	
CANY0242	Yes	01501	ALPHA, TOTAL	07/28/87-08/10/87	0	2	
CANY0285	Yes	01501	ALPHA, TOTAL	09/07/87-09/07/87	0	1	
CANY0291	No	01501	ALPHA, TOTAL	04/17/84-04/29/90	6	24	
CANY0029	Yes	01516	ALPHA, SUSPEND GROSS, AS URANIUM NATURAL, PC/L	04/28/84-04/28/84	0	1	
CANY0037	No	01516	ALPHA, SUSPEND GROSS, AS URANIUM NATURAL, PC/L	04/28/84-04/28/84	0	1	
CANY0050	No	01516	ALPHA, SUSPEND GROSS, AS URANIUM NATURAL, PC/L	04/23/84-04/23/84	0	1	
CANY0056	No	01516	ALPHA, SUSPEND GROSS, AS URANIUM NATURAL, PC/L	04/23/84-04/23/84	0	1	
CANY0072	Yes	01516	ALPHA, SUSPEND GROSS, AS URANIUM NATURAL, PC/L	04/27/84-04/27/84	0	1	
CANY0074	No	01516	ALPHA, SUSPEND GROSS, AS URANIUM NATURAL, PC/L	04/23/84-04/23/84	0	1	
CANY0077	Yes	01516	ALPHA, SUSPEND GROSS, AS URANIUM NATURAL, PC/L	04/28/84-04/28/84	0	1	
CANY0088	Yes	01516	ALPHA, SUSPEND GROSS, AS URANIUM NATURAL, PC/L	04/26/84-04/26/84	0	1	
CANY0118	No	01516	ALPHA, SUSPEND GROSS, AS URANIUM NATURAL, PC/L	04/24/84-04/24/84	0	1	
CANY0126	Yes	01516	ALPHA, SUSPEND GROSS, AS URANIUM NATURAL, PC/L	04/27/84-04/27/84	0	1	
CANY0127	Yes	01516	ALPHA, SUSPEND GROSS, AS URANIUM NATURAL, PC/L	04/27/84-04/27/84	0	1	
CANY0132	Yes	01516	ALPHA, SUSPEND GROSS, AS URANIUM NATURAL, PC/L	04/28/84-04/28/84	0	1	
CANY0151	Yes	01516	ALPHA, SUSPEND GROSS, AS URANIUM NATURAL, PC/L	04/27/84-04/27/84	0	1	
CANY0157	Yes	01516	ALPHA, SUSPEND GROSS, AS URANIUM NATURAL, PC/L	04/27/84-04/27/84	0	1	
CANY0161	Yes	01516	ALPHA, SUSPEND GROSS, AS URANIUM NATURAL, PC/L	04/24/84-04/24/84	0	1	

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

Station/Parameter Period of Record Tabulation From 10/02/48 To 12/09/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
CANY0172	Yes	01516	ALPHA, SUSPEND GROSS, AS URANIUM NATURAL, PC/L	04/27/84-04/27/84	0	1	
CANY0213	Yes	01516	ALPHA, SUSPEND GROSS, AS URANIUM NATURAL, PC/L	04/26/84-04/26/84	0	1	
CANY0218	Yes	01516	ALPHA, SUSPEND GROSS, AS URANIUM NATURAL, PC/L	04/26/84-04/26/84	0	1	
CANY0007	No	03501	BETA, TOTAL	05/20/77-05/20/77	0	1	
CANY0153	Yes	03501	BETA, TOTAL	01/11/84-07/10/90	6	23	
CANY0156	Yes	03501	BETA, TOTAL	01/11/84-07/10/90	6	20	
CANY0227	Yes	03501	BETA, TOTAL	11/04/83-04/17/90	6	21	
CANY0230	Yes	03501	BETA, TOTAL	09/07/87-09/07/87	0	1	
CANY0242	Yes	03501	BETA, TOTAL	07/28/87-08/10/87	0	2	
CANY0285	Yes	03501	BETA, TOTAL	09/07/87-09/07/87	0	1	
CANY0288	No	03501	BETA, TOTAL	01/10/80-01/27/81	1	3	
CANY0291	No	03501	BETA, TOTAL	04/17/84-04/29/90	6	24	
CANY0005	No	03515	BETA, DISSOLVED GROSS, AS CS-137, PC/L	08/26/80-08/26/80	0	1	
CANY0026	No	03515	BETA, DISSOLVED GROSS, AS CS-137, PC/L	09/29/80-09/29/80	0	1	
CANY0238	Yes	03515	BETA, DISSOLVED GROSS, AS CS-137, PC/L	04/14/88-03/02/89	0	5	
CANY0245	Yes	03515	BETA, DISSOLVED GROSS, AS CS-137, PC/L	04/14/88-05/01/89	1	6	
CANY0246	Yes	03515	BETA, DISSOLVED GROSS, AS CS-137, PC/L	04/14/88-05/01/89	1	6	
CANY0247	Yes	03515	BETA, DISSOLVED GROSS, AS CS-137, PC/L	04/14/88-05/01/89	1	6	
CANY0029	Yes	03516	BETA, SUSPENDE GROSS, AS CS-137, PC/L	04/28/84-04/28/84	0	1	
CANY0037	No	03516	BETA, SUSPENDE GROSS, AS CS-137, PC/L	04/28/84-04/28/84	0	1	
CANY0050	No	03516	BETA, SUSPENDE GROSS, AS CS-137, PC/L	04/23/84-04/23/84	0	1	
CANY0056	No	03516	BETA, SUSPENDE GROSS, AS CS-137, PC/L	04/23/84-04/23/84	0	1	
CANY0072	Yes	03516	BETA, SUSPENDE GROSS, AS CS-137, PC/L	04/27/84-04/27/84	0	1	
CANY0074	No	03516	BETA, SUSPENDE GROSS, AS CS-137, PC/L	04/23/84-04/23/84	0	1	
CANY0077	Yes	03516	BETA, SUSPENDE GROSS, AS CS-137, PC/L	04/28/84-04/28/84	0	1	
CANY0088	Yes	03516	BETA, SUSPENDE GROSS, AS CS-137, PC/L	04/26/84-04/26/84	0	1	
CANY0118	No	03516	BETA, SUSPENDE GROSS, AS CS-137, PC/L	04/24/84-04/24/84	0	1	
CANY0126	Yes	03516	BETA, SUSPENDE GROSS, AS CS-137, PC/L	04/27/84-04/27/84	0	1	
CANY0127	Yes	03516	BETA, SUSPENDE GROSS, AS CS-137, PC/L	04/27/84-04/27/84	0	1	
CANY0132	Yes	03516	BETA, SUSPENDE GROSS, AS CS-137, PC/L	04/28/84-04/28/84	0	1	
CANY0151	Yes	03516	BETA, SUSPENDE GROSS, AS CS-137, PC/L	04/27/84-04/27/84	0	1	
CANY0157	Yes	03516	BETA, SUSPENDE GROSS, AS CS-137, PC/L	04/27/84-04/27/84	0	1	
CANY0161	Yes	03516	BETA, SUSPENDE GROSS, AS CS-137, PC/L	04/24/84-04/24/84	0	1	
CANY0172	Yes	03516	BETA, SUSPENDE GROSS, AS CS-137, PC/L	04/27/84-04/27/84	0	1	
CANY0213	Yes	03516	BETA, SUSPENDE GROSS, AS CS-137, PC/L	04/26/84-04/26/84	0	1	
CANY0218	Yes	03516	BETA, SUSPENDE GROSS, AS CS-137, PC/L	04/26/84-04/26/84	0	1	
CANY0024	No	04208	ANIONS, SUM, TOTAL, WATER MEQ/L	06/29/76-09/15/81	5	2	
CANY0036	No	04208	ANIONS, SUM, TOTAL, WATER MEQ/L	03/24/77-03/24/77	0	1	
CANY0118	No	04208	ANIONS, SUM, TOTAL, WATER MEQ/L	09/15/81-09/15/81	0	1	
CANY0024	No	04226	CATIONS, SUM, TOTAL, WATER MEQ/L	06/29/76-09/15/81	5	2	
CANY0036	No	04226	CATIONS, SUM, TOTAL, WATER MEQ/L	03/24/77-03/24/77	0	1	
CANY0118	No	04226	CATIONS, SUM, TOTAL, WATER MEQ/L	09/15/81-09/15/81	0	1	
CANY0156	Yes	07000	TRITIUM (1H3),TOTAL (PICOCURIES/LITER)	08/04/86-08/04/86	0	1	
CANY0227	Yes	07000	TRITIUM (1H3),TOTAL (PICOCURIES/LITER)	08/04/86-08/04/86	0	1	
CANY0288	No	07000	TRITIUM (1H3),TOTAL (PICOCURIES/LITER)	01/10/80-01/27/81	1	3	
CANY0005	No	09501	RADIUM 226, TOTAL	08/26/80-08/26/80	0	1	
CANY0153	Yes	09501	RADIUM 226, TOTAL	01/11/84-11/08/89	5	16	
CANY0156	Yes	09501	RADIUM 226, TOTAL	01/11/84-07/10/90	6	17	
CANY0227	Yes	09501	RADIUM 226, TOTAL	11/04/83-07/04/89	5	17	
CANY0230	Yes	09501	RADIUM 226, TOTAL	09/07/87-09/07/87	0	1	
CANY0242	Yes	09501	RADIUM 226, TOTAL	07/28/87-08/10/87	0	2	
CANY0285	Yes	09501	RADIUM 226, TOTAL	09/07/87-09/07/87	0	1	
CANY0288	No	09501	RADIUM 226, TOTAL	01/27/81-01/27/81	0	1	
CANY0291	No	09501	RADIUM 226, TOTAL	05/28/85-07/15/89	4	14	
CANY0238	Yes	09511	RADIUM 226, DISSOLVED, RADON METHOD	04/14/88-03/02/89	0	5	
CANY0245	Yes	09511	RADIUM 226, DISSOLVED, RADON METHOD	04/14/88-05/01/89	1	6	
CANY0005	No	11501	RADIUM 228, TOTAL	08/26/80-08/26/80	0	1	
CANY0227	Yes	11501	RADIUM 228, TOTAL	08/04/86-08/04/86	0	1	
CANY0288	No	13501	STRONTIUM 90, TOTAL	01/27/81-01/27/81	0	1	
CANY0005	No	22601	URANIUM 238, TOTAL	08/26/80-08/26/80	0	1	
CANY0026	No	22601	URANIUM 238, TOTAL	09/29/80-09/29/80	0	1	
CANY0238	Yes	22603	URANIUM 238, DISSOLVED, PC/L	08/17/88-03/02/89	0	4	
CANY0245	Yes	22603	URANIUM 238, DISSOLVED, PC/L	08/17/88-05/01/89	0	5	
CANY0246	Yes	22603	URANIUM 238, DISSOLVED, PC/L	08/17/88-05/01/89	0	5	
CANY0247	Yes	22603	URANIUM 238, DISSOLVED, PC/L	08/17/88-05/01/89	0	5	
CANY0238	Yes	22610	URANIUM 234, DISSOLVED, PC/L	08/17/88-03/02/89	0	4	
CANY0245	Yes	22610	URANIUM 234, DISSOLVED, PC/L	08/17/88-05/01/89	0	5	
CANY0246	Yes	22610	URANIUM 234, DISSOLVED, PC/L	08/17/88-05/01/89	0	5	
CANY0247	Yes	22610	URANIUM 234, DISSOLVED, PC/L	08/17/88-05/01/89	0	5	
CANY0238	Yes	22620	URANIUM 235, DISSOLVED, PC/L	03/02/89-03/02/89	0	1	
CANY0245	Yes	22620	URANIUM 235, DISSOLVED, PC/L	03/02/89-05/01/89	0	2	
CANY0246	Yes	22620	URANIUM 235, DISSOLVED, PC/L	03/02/89-05/01/89	0	2	

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Station/Parameter Period of Record Tabulation **From 10/02/48 To 12/09/99**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
CANY0247	Yes	22620	URANIUM 235, DISSOLVED, PC/L	03/02/89-05/01/89	0	2	
CANY0009	No	22703	URANIUM, NATURAL, DISSOLVED	06/01/78-06/01/78	0	1	
CANY0095	Yes	22703	URANIUM, NATURAL, DISSOLVED	09/04/69-09/04/69	0	1	
CANY0110	Yes	22703	URANIUM, NATURAL, DISSOLVED	05/02/68-05/02/68	0	1	
CANY0116	Yes	22703	URANIUM, NATURAL, DISSOLVED	05/02/68-05/02/68	0	1	
CANY0179	No	22703	URANIUM, NATURAL, DISSOLVED	05/25/79-05/25/79	0	1	
CANY0197	No	22703	URANIUM, NATURAL, DISSOLVED	05/22/79-05/22/79	0	1	
CANY0200	No	22703	URANIUM, NATURAL, DISSOLVED	09/03/69-09/03/69	0	1	
CANY0205	Yes	22703	URANIUM, NATURAL, DISSOLVED	05/30/79-05/30/79	0	1	
CANY0219	No	22703	URANIUM, NATURAL, DISSOLVED	05/30/79-05/30/79	0	1	
CANY0220	No	22703	URANIUM, NATURAL, DISSOLVED	05/25/79-05/25/79	0	1	
CANY0222	No	22703	URANIUM, NATURAL, DISSOLVED	05/30/79-05/30/79	0	1	
CANY0249	Yes	22703	URANIUM, NATURAL, DISSOLVED	05/14/68-05/14/68	0	1	
CANY0254	No	22703	URANIUM, NATURAL, DISSOLVED	05/23/79-05/23/79	0	1	
CANY0269	No	22703	URANIUM, NATURAL, DISSOLVED	05/26/79-05/26/79	0	1	
CANY0293	No	22703	URANIUM, NATURAL, DISSOLVED	05/17/79-05/17/79	0	1	
CANY0024	No	31501	COLIFORM,TOT, MEMBRANE FILTER, IMMED.M-ENDO MED,35C	09/15/81-09/15/81	0	1	
CANY0029	Yes	31501	COLIFORM,TOT, MEMBRANE FILTER, IMMED.M-ENDO MED,35C	04/28/84-04/28/84	0	1	
CANY0037	No	31501	COLIFORM,TOT, MEMBRANE FILTER, IMMED.M-ENDO MED,35C	04/28/84-04/28/84	0	1	
CANY0047	Yes	31501	COLIFORM,TOT, MEMBRANE FILTER, IMMED.M-ENDO MED,35C	05/22/86-05/22/90	4	7	
CANY0050	No	31501	COLIFORM,TOT, MEMBRANE FILTER, IMMED.M-ENDO MED,35C	04/23/84-04/23/84	0	1	
CANY0056	No	31501	COLIFORM,TOT, MEMBRANE FILTER, IMMED.M-ENDO MED,35C	04/23/84-04/23/84	0	1	
CANY0060	Yes	31501	COLIFORM,TOT, MEMBRANE FILTER, IMMED.M-ENDO MED,35C	02/13/85-05/17/90	5	10	
CANY0068	No	31501	COLIFORM,TOT, MEMBRANE FILTER, IMMED.M-ENDO MED,35C	02/12/85-05/16/90	5	6	
CANY0072	Yes	31501	COLIFORM,TOT, MEMBRANE FILTER, IMMED.M-ENDO MED,35C	04/27/84-04/27/84	0	1	
CANY0074	No	31501	COLIFORM,TOT, MEMBRANE FILTER, IMMED.M-ENDO MED,35C	04/23/84-04/23/84	0	1	
CANY0077	Yes	31501	COLIFORM,TOT, MEMBRANE FILTER, IMMED.M-ENDO MED,35C	04/28/84-04/28/84	0	1	
CANY0088	Yes	31501	COLIFORM,TOT, MEMBRANE FILTER, IMMED.M-ENDO MED,35C	04/26/84-04/26/84	0	1	
CANY0092	Yes	31501	COLIFORM,TOT, MEMBRANE FILTER, IMMED.M-ENDO MED,35C	05/22/86-05/20/90	3	7	
CANY0096	Yes	31501	COLIFORM,TOT, MEMBRANE FILTER, IMMED.M-ENDO MED,35C	04/25/87-10/03/88	1	2	
CANY0098	Yes	31501	COLIFORM,TOT, MEMBRANE FILTER, IMMED.M-ENDO MED,35C	04/20/86-04/25/87	1	2	
CANY0104	Yes	31501	COLIFORM,TOT, MEMBRANE FILTER, IMMED.M-ENDO MED,35C	02/14/85-05/19/86	1	2	
CANY0105	Yes	31501	COLIFORM,TOT, MEMBRANE FILTER, IMMED.M-ENDO MED,35C	08/28/85-05/17/90	4	9	
CANY0108	Yes	31501	COLIFORM,TOT, MEMBRANE FILTER, IMMED.M-ENDO MED,35C	02/13/85-05/20/90	5	9	
CANY0111	Yes	31501	COLIFORM,TOT, MEMBRANE FILTER, IMMED.M-ENDO MED,35C	12/13/84-05/17/90	5	11	
CANY0118	No	31501	COLIFORM,TOT, MEMBRANE FILTER, IMMED.M-ENDO MED,35C	03/27/79-04/24/84	5	6	
CANY0124	Yes	31501	COLIFORM,TOT, MEMBRANE FILTER, IMMED.M-ENDO MED,35C	08/27/85-05/18/90	4	9	
CANY0126	Yes	31501	COLIFORM,TOT, MEMBRANE FILTER, IMMED.M-ENDO MED,35C	04/27/84-04/27/84	0	1	
CANY0127	Yes	31501	COLIFORM,TOT, MEMBRANE FILTER, IMMED.M-ENDO MED,35C	04/27/84-04/27/84	0	1	
CANY0130	Yes	31501	COLIFORM,TOT, MEMBRANE FILTER, IMMED.M-ENDO MED,35C	06/04/86-05/18/90	3	5	
CANY0132	Yes	31501	COLIFORM,TOT, MEMBRANE FILTER, IMMED.M-ENDO MED,35C	04/28/84-04/28/84	0	1	
CANY0134	Yes	31501	COLIFORM,TOT, MEMBRANE FILTER, IMMED.M-ENDO MED,35C	02/14/85-05/20/90	5	8	
CANY0144	Yes	31501	COLIFORM,TOT, MEMBRANE FILTER, IMMED.M-ENDO MED,35C	04/17/86-05/06/89	3	2	
CANY0147	Yes	31501	COLIFORM,TOT, MEMBRANE FILTER, IMMED.M-ENDO MED,35C	10/06/88-05/06/89	0	2	
CANY0149	Yes	31501	COLIFORM,TOT, MEMBRANE FILTER, IMMED.M-ENDO MED,35C	09/26/86-09/26/86	0	1	
CANY0151	Yes	31501	COLIFORM,TOT, MEMBRANE FILTER, IMMED.M-ENDO MED,35C	04/27/84-04/27/84	0	1	
CANY0157	Yes	31501	COLIFORM,TOT, MEMBRANE FILTER, IMMED.M-ENDO MED,35C	04/27/84-04/27/84	0	1	
CANY0158	Yes	31501	COLIFORM,TOT, MEMBRANE FILTER, IMMED.M-ENDO MED,35C	12/12/84-05/22/90	5	10	
CANY0161	Yes	31501	COLIFORM,TOT, MEMBRANE FILTER, IMMED.M-ENDO MED,35C	04/24/84-04/24/84	0	1	
CANY0171	No	31501	COLIFORM,TOT, MEMBRANE FILTER, IMMED.M-ENDO MED,35C	03/24/77-03/24/77	0	1	
CANY0172	Yes	31501	COLIFORM,TOT, MEMBRANE FILTER, IMMED.M-ENDO MED,35C	04/27/84-04/27/84	0	1	
CANY0175	No	31501	COLIFORM,TOT, MEMBRANE FILTER, IMMED.M-ENDO MED,35C	06/07/85-10/08/88	3	4	
CANY0186	Yes	31501	COLIFORM,TOT, MEMBRANE FILTER, IMMED.M-ENDO MED,35C	06/04/85-06/04/85	0	1	
CANY0192	Yes	31501	COLIFORM,TOT, MEMBRANE FILTER, IMMED.M-ENDO MED,35C	09/28/86-05/04/89	2	3	
CANY0193	Yes	31501	COLIFORM,TOT, MEMBRANE FILTER, IMMED.M-ENDO MED,35C	06/04/85-05/05/89	3	3	
CANY0196	No	31501	COLIFORM,TOT, MEMBRANE FILTER, IMMED.M-ENDO MED,35C	04/25/87-05/07/89	2	3	
CANY0203	Yes	31501	COLIFORM,TOT, MEMBRANE FILTER, IMMED.M-ENDO MED,35C	09/28/86-05/04/89	2	2	
CANY0206	Yes	31501	COLIFORM,TOT, MEMBRANE FILTER, IMMED.M-ENDO MED,35C	09/29/86-05/04/89	2	2	
CANY0213	Yes	31501	COLIFORM,TOT, MEMBRANE FILTER, IMMED.M-ENDO MED,35C	04/26/84-04/26/84	0	1	
CANY0218	Yes	31501	COLIFORM,TOT, MEMBRANE FILTER, IMMED.M-ENDO MED,35C	04/26/84-04/26/84	0	1	
CANY0232	Yes	31501	COLIFORM,TOT, MEMBRANE FILTER, IMMED.M-ENDO MED,35C	08/17/85-09/12/89	4	8	
CANY0251	Yes	31501	COLIFORM,TOT, MEMBRANE FILTER, IMMED.M-ENDO MED,35C	08/18/85-03/23/89	3	7	
CANY0261	Yes	31501	COLIFORM,TOT, MEMBRANE FILTER, IMMED.M-ENDO MED,35C	09/05/85-06/14/88	2	3	
CANY0262	Yes	31501	COLIFORM,TOT, MEMBRANE FILTER, IMMED.M-ENDO MED,35C	08/14/85-09/18/89	4	8	
CANY0267	Yes	31501	COLIFORM,TOT, MEMBRANE FILTER, IMMED.M-ENDO MED,35C	03/22/85-03/21/89	3	4	
CANY0274	Yes	31501	COLIFORM,TOT, MEMBRANE FILTER, IMMED.M-ENDO MED,35C	04/23/86-05/08/89	3	3	
CANY0280	Yes	31501	COLIFORM,TOT, MEMBRANE FILTER, IMMED.M-ENDO MED,35C	08/17/85-09/07/87	2	4	
CANY0006	No	31506	COLIFORM,TOT, MPN, CONFIRMED TEST, TUBE CONFIG.	06/12/80-06/12/80	0	1	
CANY0007	No	31506	COLIFORM,TOT, MPN, CONFIRMED TEST, TUBE CONFIG.	01/30/78-01/30/78	0	1	
CANY0010	No	31506	COLIFORM,TOT, MPN, CONFIRMED TEST, TUBE CONFIG.	06/12/80-06/12/80	0	1	
CANY0012	No	31506	COLIFORM,TOT, MPN, CONFIRMED TEST, TUBE CONFIG.	06/12/80-06/12/80	0	1	
CANY0013	No	31506	COLIFORM,TOT, MPN, CONFIRMED TEST, TUBE CONFIG.	06/12/80-06/12/80	0	1	

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

Station/Parameter Period of Record Tabulation From 10/02/48 To 12/09/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
CANY0018	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	06/12/80-06/12/80	0	1	
CANY0020	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	06/12/80-06/12/80	0	1	
CANY0030	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	08/02/77-03/25/81	3	5	
CANY0038	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	08/02/77-08/02/77	0	1	
CANY0040	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	08/02/77-03/28/81	3	4	
CANY0041	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	06/18/80-11/12/80	0	2	
CANY0117	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	03/27/79-03/25/81	1	4	
CANY0167	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	03/27/80-03/27/80	0	1	
CANY0174	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	03/21/78-03/21/78	0	1	
CANY0178	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	06/18/80-11/12/80	0	2	
CANY0198	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/12/80-04/24/81	0	2	
CANY0199	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	03/27/79-03/25/81	1	3	
CANY0208	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/14/80-11/14/80	0	1	
CANY0209	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/13/80-04/24/81	0	2	
CANY0210	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/13/80-04/24/81	0	2	
CANY0224	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/14/80-04/24/81	0	2	
CANY0236	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	04/29/80-04/29/81	1	2	
CANY0237	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	04/29/80-04/29/81	1	2	
CANY0241	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/14/80-04/24/81	0	2	
CANY0244	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	04/29/80-04/29/80	0	1	
CANY0248	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/14/80-04/24/81	0	2	
CANY0255	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/14/80-04/24/81	0	2	
CANY0270	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	04/24/81-04/24/81	0	1	
CANY0283	Yes	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	06/17/80-11/14/80	0	2	
CANY0288	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	08/23/77-01/27/81	3	20	
CANY0290	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/07/92-01/07/92	0	1	
CANY0291	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	08/22/77-02/24/81	3	14	
CANY0297	No	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	08/22/77-09/19/77	0	2	
CANY0006	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	06/12/80-06/12/80	0	1	
CANY0007	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/30/78-01/30/78	0	1	
CANY0010	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	06/12/80-06/12/80	0	1	
CANY0013	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	06/12/80-06/12/80	0	1	
CANY0018	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	06/12/80-06/12/80	0	1	
CANY0020	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	06/12/80-06/12/80	0	1	
CANY0030	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	03/27/79-03/25/81	1	4	
CANY0040	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	03/27/79-03/28/81	2	3	
CANY0117	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	03/27/79-03/25/81	1	4	
CANY0167	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	03/27/80-03/27/80	0	1	
CANY0174	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	03/21/78-03/21/78	0	1	
CANY0199	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	03/22/78-03/25/81	3	4	
CANY0236	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	04/29/80-04/29/81	1	2	
CANY0237	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	04/29/80-04/29/81	1	2	
CANY0244	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	04/29/80-04/29/80	0	1	
CANY0288	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	08/23/77-01/27/81	3	20	
CANY0290	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/07/92-01/07/92	0	1	
CANY0291	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	08/22/77-02/24/81	3	13	
CANY0297	No	31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	08/22/77-09/19/77	0	2	
CANY0024	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/15/81-09/15/81	0	1	
CANY0029	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/28/84-04/28/84	0	1	
CANY0037	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/28/84-04/28/84	0	1	
CANY0047	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/15/87-05/22/90	2	6	
CANY0050	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/23/84-04/23/84	0	1	
CANY0056	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/23/84-04/23/84	0	1	
CANY0060	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/09/87-05/17/90	2	7	
CANY0068	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/87-05/16/90	2	4	
CANY0072	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/27/84-04/27/84	0	1	
CANY0074	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/23/84-04/23/84	0	1	
CANY0077	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/28/84-04/28/84	0	1	
CANY0088	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/26/84-04/26/84	0	1	
CANY0092	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/08/87-05/20/90	2	7	
CANY0096	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/25/87-10/03/88	1	2	
CANY0098	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/25/87-04/25/87	0	1	
CANY0105	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/09/87-05/17/90	2	7	
CANY0108	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/08/87-05/20/90	2	7	
CANY0111	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/09/87-05/17/90	2	7	
CANY0118	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/27/79-04/24/84	5	6	
CANY0124	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/11/87-05/18/90	2	8	
CANY0126	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/27/84-04/27/84	0	1	
CANY0127	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/27/84-04/27/84	0	1	
CANY0130	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/10/87-05/18/90	2	5	
CANY0132	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/28/84-04/28/84	0	1	
CANY0134	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/12/87-05/20/90	2	6	

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

**Station/Parameter Period of Record Tabulation
From 10/02/48 To 12/09/99**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
CANY0144	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/06/89-05/06/89	0	1	
CANY0147	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/06/88-05/06/89	0	2	
CANY0151	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/27/84-04/27/84	0	1	
CANY0157	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/27/84-04/27/84	0	1	
CANY0158	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/11/87-05/22/90	2	6	
CANY0161	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/24/84-04/24/84	0	1	
CANY0172	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/27/84-04/27/84	0	1	
CANY0175	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/24/87-10/08/88	1	3	
CANY0192	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/05/88-05/04/89	0	2	
CANY0193	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/05/89-05/05/89	0	1	
CANY0196	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/25/87-05/07/89	2	3	
CANY0203	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/04/89-05/04/89	0	1	
CANY0206	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/04/89-05/04/89	0	1	
CANY0213	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/26/84-04/26/84	0	1	
CANY0218	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/26/84-04/26/84	0	1	
CANY0232	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/13/86-09/12/89	2	7	
CANY0251	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/18/85-03/23/89	3	6	
CANY0261	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/30/87-06/14/88	0	2	
CANY0262	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/14/85-09/18/89	4	8	
CANY0267	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/27/87-03/21/89	1	3	
CANY0274	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/30/87-05/08/89	1	3	
CANY0280	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/13/86-09/07/87	0	3	
CANY0053	No	34474	SILVER WET WGT TISM/G/KG	12/01/71-04/27/72	0	9	
CANY0053	No	34680	ALDRIN IN FISH TISSUE WET WEIGHT MG/KG	12/01/71-04/27/72	0	9	
CANY0053	No	34685	ENDRIN WET WGT TISM/G/KG	12/01/71-04/27/72	0	9	
CANY0053	No	34686	HEPTACHLOR EPOXIDE WET WGT TISM/G/KG	12/01/71-04/27/72	0	9	
CANY0053	No	34687	HEPTACHLOR WET WGT TISM/G/KG	12/01/71-04/27/72	0	9	
CANY0030	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	03/27/79-03/27/79	0	1	
CANY0040	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	03/27/79-03/27/79	0	1	
CANY0052	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	07/01/68-07/01/68	0	1	
CANY0117	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	03/27/79-03/27/79	0	1	
CANY0199	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	03/27/79-03/27/79	0	1	
CANY0288	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	05/15/78-05/15/79	1	4	
CANY0291	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	05/16/78-04/24/79	0	2	
CANY0057	Yes	38442	DICAMBA (BANVEL) WATER,DISSUG/L	07/12/90-07/12/90	0	1	
CANY0153	Yes	38442	DICAMBA (BANVEL) WATER,DISSUG/L	07/10/90-07/10/90	0	1	
CANY0156	Yes	38442	DICAMBA (BANVEL) WATER,DISSUG/L	07/10/90-07/10/90	0	1	
CANY0227	Yes	38442	DICAMBA (BANVEL) WATER,DISSUG/L	07/09/90-07/09/90	0	1	
CANY0282	No	38442	DICAMBA (BANVEL) WATER,DISSUG/L	07/09/90-07/09/90	0	1	
CANY0053	No	39074	BHC-ALPHA ISOMER, TISSUE UG/G WET WGT	12/01/71-04/27/72	0	9	
CANY0053	No	39290	DDT TOTAL IN TISSUE WET WGT BASIS (UG/G)	12/01/71-04/27/72	0	9	
CANY0053	No	39312	P P DDD IN TISSUE WET WGT (UG/G)	12/01/71-04/27/72	0	9	
CANY0053	No	39322	P,P'-DDE IN TISSUE WET WGT MG/KG	12/01/71-04/27/72	0	9	
CANY0053	No	39404	DIELDRIN IN TISSUE WET WGT (UG/G)	12/01/71-04/27/72	0	9	
CANY0053	No	39482	METHOXYCHLOR IN FISH - UG/KG	12/01/71-04/27/72	0	9	
CANY0153	Yes	39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	07/10/90-07/10/90	0	1	
CANY0053	No	39785	GAMMA-BHC(LINDANE), TISSUE, WET WEIGHT, MG/KG	12/01/71-04/27/72	0	9	
CANY0194	Yes	50051	FLOW, RATE, INSTANTANEOUS MGD	05/23/99-05/23/99	0	1	
CANY0273	Yes	50051	FLOW, RATE, INSTANTANEOUS MGD	05/24/99-05/24/99	0	1	
CANY0288	No	50051	FLOW, RATE, INSTANTANEOUS MGD	02/14/78-02/14/78	0	1	
CANY0290	No	50051	FLOW, RATE, INSTANTANEOUS MGD	01/07/92-01/07/92	0	1	
CANY0220	No	50700	FLUORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	05/25/79-05/25/79	0	1	
CANY0254	No	50700	FLUORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	05/23/79-05/23/79	0	1	
CANY0269	No	50700	FLUORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	05/26/79-05/26/79	0	1	
CANY0293	No	50700	FLUORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	05/17/79-05/17/79	0	1	
CANY0179	No	50760	CHLORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	05/25/79-05/25/79	0	1	
CANY0197	No	50760	CHLORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	05/22/79-05/22/79	0	1	
CANY0205	Yes	50760	CHLORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	05/30/79-05/30/79	0	1	
CANY0219	No	50760	CHLORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	05/30/79-05/30/79	0	1	
CANY0220	No	50760	CHLORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	05/25/79-05/25/79	0	1	
CANY0222	No	50760	CHLORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	05/30/79-05/30/79	0	1	
CANY0269	No	50760	CHLORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	05/26/79-05/26/79	0	1	
CANY0293	No	50760	CHLORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	05/17/79-05/17/79	0	1	
CANY0179	No	50761	BROMINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	05/25/79-05/25/79	0	1	
CANY0197	No	50761	BROMINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	05/22/79-05/22/79	0	1	
CANY0205	Yes	50761	BROMINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	05/30/79-05/30/79	0	1	
CANY0219	No	50761	BROMINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	05/30/79-05/30/79	0	1	
CANY0220	No	50761	BROMINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	05/25/79-05/25/79	0	1	
CANY0222	No	50761	BROMINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	05/30/79-05/30/79	0	1	
CANY0254	No	50761	BROMINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	05/23/79-05/23/79	0	1	
CANY0293	No	50761	BROMINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	05/17/79-05/17/79	0	1	
CANY0024	No	50786	ORTHOPHOSPHATE AS P, WATER MG/L	06/29/76-06/29/76	0	1	

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

Station/Parameter Period of Record Tabulation
From 10/02/48 To 12/09/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
CANY0029	Yes	50786	ORTHOPHOSPHATE AS P, WATER MG/L	04/28/84-04/28/84	0	1	
CANY0036	No	50786	ORTHOPHOSPHATE AS P, WATER MG/L	03/24/77-03/24/77	0	1	
CANY0037	No	50786	ORTHOPHOSPHATE AS P, WATER MG/L	04/28/84-04/28/84	0	1	
CANY0050	No	50786	ORTHOPHOSPHATE AS P, WATER MG/L	04/23/84-04/23/84	0	1	
CANY0056	No	50786	ORTHOPHOSPHATE AS P, WATER MG/L	04/23/84-04/23/84	0	1	
CANY0072	Yes	50786	ORTHOPHOSPHATE AS P, WATER MG/L	04/27/84-04/27/84	0	1	
CANY0074	No	50786	ORTHOPHOSPHATE AS P, WATER MG/L	04/23/84-04/23/84	0	1	
CANY0077	Yes	50786	ORTHOPHOSPHATE AS P, WATER MG/L	04/28/84-04/28/84	0	1	
CANY0088	Yes	50786	ORTHOPHOSPHATE AS P, WATER MG/L	04/26/84-04/26/84	0	1	
CANY0118	No	50786	ORTHOPHOSPHATE AS P, WATER MG/L	03/27/79-04/24/84	5	6	
CANY0126	Yes	50786	ORTHOPHOSPHATE AS P, WATER MG/L	04/27/84-04/27/84	0	1	
CANY0127	Yes	50786	ORTHOPHOSPHATE AS P, WATER MG/L	04/27/84-04/27/84	0	1	
CANY0132	Yes	50786	ORTHOPHOSPHATE AS P, WATER MG/L	04/28/84-04/28/84	0	1	
CANY0151	Yes	50786	ORTHOPHOSPHATE AS P, WATER MG/L	04/27/84-04/27/84	0	1	
CANY0157	Yes	50786	ORTHOPHOSPHATE AS P, WATER MG/L	04/27/84-04/27/84	0	1	
CANY0161	Yes	50786	ORTHOPHOSPHATE AS P, WATER MG/L	04/24/84-04/24/84	0	1	
CANY0172	Yes	50786	ORTHOPHOSPHATE AS P, WATER MG/L	04/27/84-04/27/84	0	1	
CANY0177	No	50786	ORTHOPHOSPHATE AS P, WATER MG/L	08/07/74-08/07/74	0	1	
CANY0213	Yes	50786	ORTHOPHOSPHATE AS P, WATER MG/L	04/26/84-04/26/84	0	1	
CANY0218	Yes	50786	ORTHOPHOSPHATE AS P, WATER MG/L	04/26/84-04/26/84	0	1	
CANY0021	No	61027	ANIONS, SUM, TOTAL IN WATER MG/L	07/06/93-11/30/99	6	11	
CANY0028	No	61027	ANIONS, SUM, TOTAL IN WATER MG/L	07/06/93-11/30/99	6	11	
CANY0030	No	61027	ANIONS, SUM, TOTAL IN WATER MG/L	07/31/97-06/24/98	0	12	
CANY0040	No	61027	ANIONS, SUM, TOTAL IN WATER MG/L	07/06/93-11/30/99	6	11	
CANY0044	Yes	61027	ANIONS, SUM, TOTAL IN WATER MG/L	09/16/91-05/15/92	0	2	
CANY0054	Yes	61027	ANIONS, SUM, TOTAL IN WATER MG/L	06/14/95-09/09/99	4	8	
CANY0057	Yes	61027	ANIONS, SUM, TOTAL IN WATER MG/L	07/02/93-08/05/99	6	11	
CANY0061	Yes	61027	ANIONS, SUM, TOTAL IN WATER MG/L	08/27/91-05/17/92	0	2	
CANY0063	Yes	61027	ANIONS, SUM, TOTAL IN WATER MG/L	06/14/95-09/09/99	4	10	
CANY0064	Yes	61027	ANIONS, SUM, TOTAL IN WATER MG/L	06/14/95-09/09/99	4	9	
CANY0069	No	61027	ANIONS, SUM, TOTAL IN WATER MG/L	08/21/91-05/18/92	0	2	
CANY0091	Yes	61027	ANIONS, SUM, TOTAL IN WATER MG/L	08/26/91-12/09/99	8	18	
CANY0097	Yes	61027	ANIONS, SUM, TOTAL IN WATER MG/L	09/26/91-04/30/92	0	2	
CANY0099	No	61027	ANIONS, SUM, TOTAL IN WATER MG/L	09/26/91-04/30/92	0	2	
CANY0109	Yes	61027	ANIONS, SUM, TOTAL IN WATER MG/L	08/26/91-05/16/92	0	2	
CANY0113	Yes	61027	ANIONS, SUM, TOTAL IN WATER MG/L	08/28/91-05/16/92	0	2	
CANY0123	Yes	61027	ANIONS, SUM, TOTAL IN WATER MG/L	08/27/91-12/09/99	8	15	
CANY0128	Yes	61027	ANIONS, SUM, TOTAL IN WATER MG/L	08/28/91-04/24/93	1	3	
CANY0135	Yes	61027	ANIONS, SUM, TOTAL IN WATER MG/L	08/28/91-05/16/92	0	2	
CANY0150	Yes	61027	ANIONS, SUM, TOTAL IN WATER MG/L	09/27/91-05/01/92	0	2	
CANY0153	Yes	61027	ANIONS, SUM, TOTAL IN WATER MG/L	07/18/91-08/04/99	8	34	
CANY0154	Yes	61027	ANIONS, SUM, TOTAL IN WATER MG/L	05/02/92-05/02/92	0	1	
CANY0156	Yes	61027	ANIONS, SUM, TOTAL IN WATER MG/L	07/18/91-08/04/99	8	34	
CANY0159	Yes	61027	ANIONS, SUM, TOTAL IN WATER MG/L	08/26/91-05/16/92	0	2	
CANY0165	Yes	61027	ANIONS, SUM, TOTAL IN WATER MG/L	10/04/93-12/09/99	6	17	
CANY0187	Yes	61027	ANIONS, SUM, TOTAL IN WATER MG/L	09/25/91-09/19/99	7	20	
CANY0191	Yes	61027	ANIONS, SUM, TOTAL IN WATER MG/L	09/25/91-05/04/92	0	2	
CANY0194	Yes	61027	ANIONS, SUM, TOTAL IN WATER MG/L	09/25/91-09/19/99	7	18	
CANY0198	No	61027	ANIONS, SUM, TOTAL IN WATER MG/L	02/28/99-02/28/99	0	1	
CANY0207	Yes	61027	ANIONS, SUM, TOTAL IN WATER MG/L	09/27/91-05/03/92	0	2	
CANY0216	Yes	61027	ANIONS, SUM, TOTAL IN WATER MG/L	09/09/97-09/09/97	0	1	
CANY0217	Yes	61027	ANIONS, SUM, TOTAL IN WATER MG/L	07/18/91-08/20/97	6	25	
CANY0227	Yes	61027	ANIONS, SUM, TOTAL IN WATER MG/L	07/18/91-08/06/98	7	27	
CANY0250	Yes	61027	ANIONS, SUM, TOTAL IN WATER MG/L	08/14/91-09/09/98	7	3	
CANY0260	Yes	61027	ANIONS, SUM, TOTAL IN WATER MG/L	09/23/91-05/05/92	0	2	
CANY0264	Yes	61027	ANIONS, SUM, TOTAL IN WATER MG/L	08/12/91-04/18/92	0	2	
CANY0265	Yes	61027	ANIONS, SUM, TOTAL IN WATER MG/L	04/18/92-04/18/92	0	1	
CANY0273	Yes	61027	ANIONS, SUM, TOTAL IN WATER MG/L	12/01/98-09/19/99	0	4	
CANY0276	No	61027	ANIONS, SUM, TOTAL IN WATER MG/L	01/19/92-10/04/99	7	30	
CANY0277	No	61027	ANIONS, SUM, TOTAL IN WATER MG/L	07/18/91-04/12/99	7	47	
CANY0278	Yes	61027	ANIONS, SUM, TOTAL IN WATER MG/L	02/23/98-09/03/98	0	3	
CANY0282	No	61027	ANIONS, SUM, TOTAL IN WATER MG/L	10/20/94-05/17/96	1	4	
CANY0284	No	61027	ANIONS, SUM, TOTAL IN WATER MG/L	07/24/91-08/06/98	7	28	
CANY0287	No	61027	ANIONS, SUM, TOTAL IN WATER MG/L	01/19/92-10/04/99	7	31	
CANY0290	No	61027	ANIONS, SUM, TOTAL IN WATER MG/L	01/07/92-10/04/99	7	31	
CANY0291	No	61027	ANIONS, SUM, TOTAL IN WATER MG/L	07/16/91-09/06/99	8	17	
CANY0294	No	61027	ANIONS, SUM, TOTAL IN WATER MG/L	10/03/91-05/14/92	0	2	
CANY0295	No	61027	ANIONS, SUM, TOTAL IN WATER MG/L	09/03/92-09/05/99	7	3	
CANY0298	No	61027	ANIONS, SUM, TOTAL IN WATER MG/L	05/12/92-09/04/99	7	2	
CANY0021	No	61944	CATIONS, SUM, TOTAL IN WATER, MG/L	07/06/93-11/30/99	6	11	
CANY0028	No	61944	CATIONS, SUM, TOTAL IN WATER, MG/L	07/06/93-11/30/99	6	11	
CANY0030	No	61944	CATIONS, SUM, TOTAL IN WATER, MG/L	07/31/97-06/24/98	0	12	

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

Station/Parameter Period of Record Tabulation
From 10/02/48 To 12/09/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
CANY0040	No	61944	CATIONS, SUM, TOTAL IN WATER, MG/L	07/06/93-11/30/99	6	11	
CANY0044	Yes	61944	CATIONS, SUM, TOTAL IN WATER, MG/L	09/16/91-05/15/92	0	2	
CANY0054	Yes	61944	CATIONS, SUM, TOTAL IN WATER, MG/L	06/14/95-09/09/99	4	8	
CANY0057	Yes	61944	CATIONS, SUM, TOTAL IN WATER, MG/L	07/02/93-08/05/99	6	11	
CANY0061	Yes	61944	CATIONS, SUM, TOTAL IN WATER, MG/L	08/27/91-05/17/92	0	2	
CANY0063	Yes	61944	CATIONS, SUM, TOTAL IN WATER, MG/L	06/14/95-09/09/99	4	10	
CANY0064	Yes	61944	CATIONS, SUM, TOTAL IN WATER, MG/L	06/14/95-09/09/99	4	9	
CANY0069	No	61944	CATIONS, SUM, TOTAL IN WATER, MG/L	08/21/91-05/18/92	0	2	
CANY0091	Yes	61944	CATIONS, SUM, TOTAL IN WATER, MG/L	08/26/91-12/09/99	8	18	
CANY0097	Yes	61944	CATIONS, SUM, TOTAL IN WATER, MG/L	09/26/91-04/30/92	0	2	
CANY0099	No	61944	CATIONS, SUM, TOTAL IN WATER, MG/L	09/26/91-04/30/92	0	2	
CANY0109	Yes	61944	CATIONS, SUM, TOTAL IN WATER, MG/L	08/26/91-05/16/92	0	2	
CANY0113	Yes	61944	CATIONS, SUM, TOTAL IN WATER, MG/L	08/28/91-05/16/92	0	2	
CANY0123	Yes	61944	CATIONS, SUM, TOTAL IN WATER, MG/L	08/27/91-12/09/99	8	15	
CANY0128	Yes	61944	CATIONS, SUM, TOTAL IN WATER, MG/L	08/28/91-04/24/93	1	3	
CANY0135	Yes	61944	CATIONS, SUM, TOTAL IN WATER, MG/L	08/28/91-05/16/92	0	2	
CANY0150	Yes	61944	CATIONS, SUM, TOTAL IN WATER, MG/L	09/27/91-05/01/92	0	2	
CANY0153	Yes	61944	CATIONS, SUM, TOTAL IN WATER, MG/L	07/18/91-08/04/99	8	34	
CANY0154	Yes	61944	CATIONS, SUM, TOTAL IN WATER, MG/L	05/02/92-05/02/92	0	1	
CANY0156	Yes	61944	CATIONS, SUM, TOTAL IN WATER, MG/L	07/18/91-08/04/99	8	34	
CANY0159	Yes	61944	CATIONS, SUM, TOTAL IN WATER, MG/L	08/26/91-05/16/92	0	2	
CANY0165	Yes	61944	CATIONS, SUM, TOTAL IN WATER, MG/L	10/04/93-12/09/99	6	17	
CANY0187	Yes	61944	CATIONS, SUM, TOTAL IN WATER, MG/L	09/25/91-09/19/99	7	20	
CANY0191	Yes	61944	CATIONS, SUM, TOTAL IN WATER, MG/L	09/25/91-05/04/92	0	2	
CANY0194	Yes	61944	CATIONS, SUM, TOTAL IN WATER, MG/L	09/25/91-09/19/99	7	18	
CANY0198	No	61944	CATIONS, SUM, TOTAL IN WATER, MG/L	02/28/99-02/28/99	0	1	
CANY0207	Yes	61944	CATIONS, SUM, TOTAL IN WATER, MG/L	09/27/91-05/03/92	0	2	
CANY0216	Yes	61944	CATIONS, SUM, TOTAL IN WATER, MG/L	09/09/97-09/09/97	0	1	
CANY0217	Yes	61944	CATIONS, SUM, TOTAL IN WATER, MG/L	07/18/91-08/20/97	6	25	
CANY0227	Yes	61944	CATIONS, SUM, TOTAL IN WATER, MG/L	07/18/91-08/06/98	7	27	
CANY0250	Yes	61944	CATIONS, SUM, TOTAL IN WATER, MG/L	08/14/91-09/09/98	7	3	
CANY0260	Yes	61944	CATIONS, SUM, TOTAL IN WATER, MG/L	09/23/91-05/05/92	0	2	
CANY0264	Yes	61944	CATIONS, SUM, TOTAL IN WATER, MG/L	08/12/91-04/18/92	0	2	
CANY0265	Yes	61944	CATIONS, SUM, TOTAL IN WATER, MG/L	04/18/92-04/18/92	0	1	
CANY0273	Yes	61944	CATIONS, SUM, TOTAL IN WATER, MG/L	12/01/98-09/19/99	0	4	
CANY0276	No	61944	CATIONS, SUM, TOTAL IN WATER, MG/L	01/19/92-10/04/99	7	30	
CANY0277	No	61944	CATIONS, SUM, TOTAL IN WATER, MG/L	07/18/91-04/12/99	7	47	
CANY0278	Yes	61944	CATIONS, SUM, TOTAL IN WATER, MG/L	02/23/98-09/03/98	0	3	
CANY0282	No	61944	CATIONS, SUM, TOTAL IN WATER, MG/L	10/20/94-05/17/96	1	4	
CANY0284	No	61944	CATIONS, SUM, TOTAL IN WATER, MG/L	07/24/91-08/06/98	7	28	
CANY0287	No	61944	CATIONS, SUM, TOTAL IN WATER, MG/L	01/19/92-10/04/99	7	31	
CANY0290	No	61944	CATIONS, SUM, TOTAL IN WATER, MG/L	01/07/92-10/04/99	7	31	
CANY0291	No	61944	CATIONS, SUM, TOTAL IN WATER, MG/L	07/16/91-09/06/99	8	17	
CANY0294	No	61944	CATIONS, SUM, TOTAL IN WATER, MG/L	10/03/91-05/14/92	0	2	
CANY0295	No	61944	CATIONS, SUM, TOTAL IN WATER, MG/L	09/03/92-09/05/99	7	3	
CANY0298	No	61944	CATIONS, SUM, TOTAL IN WATER, MG/L	05/12/92-09/04/99	7	2	
CANY0003	No	70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	09/17/86-09/17/86	0	1	
CANY0005	No	70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	06/02/80-10/15/80	0	6	
CANY0006	No	70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	08/09/79-06/12/80	0	2	
CANY0007	No	70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	05/20/77-01/30/78	0	2	
CANY0010	No	70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	06/12/80-06/15/82	2	2	
CANY0011	No	70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	06/16/78-06/16/78	0	1	
CANY0012	No	70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	08/09/79-06/12/80	0	2	
CANY0013	No	70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	08/09/79-06/12/80	0	2	
CANY0014	No	70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	06/14/78-06/14/78	0	1	
CANY0016	No	70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	09/22/87-09/22/87	0	1	
CANY0017	No	70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	06/17/78-06/17/78	0	1	
CANY0018	No	70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	08/09/79-06/12/80	0	2	
CANY0020	No	70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	06/12/80-06/12/80	0	1	
CANY0021	No	70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	07/06/93-11/30/99	6	11	
CANY0022	No	70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	06/15/78-06/15/78	0	1	
CANY0023	No	70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	06/15/78-06/15/78	0	1	
CANY0024	No	70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	09/15/81-09/15/81	0	1	
CANY0026	No	70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	06/02/80-10/15/80	0	6	
CANY0028	No	70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	07/06/93-11/30/99	6	11	
CANY0029	Yes	70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	04/28/84-04/28/84	0	1	
CANY0030	No	70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	08/02/77-06/24/98	20	24	
CANY0031	No	70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	06/15/78-06/15/78	0	1	
CANY0037	No	70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	04/28/84-04/28/84	0	1	
CANY0038	No	70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	08/02/77-03/21/78	0	3	
CANY0040	No	70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	08/02/77-11/30/99	22	19	
CANY0041	No	70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	06/18/80-11/12/80	0	2	

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

Station/Parameter Period of Record Tabulation **From 10/02/48 To 12/09/99**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
CANY0043	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/18/78-06/18/78	0	1	
CANY0044	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/24/91-05/15/92	0	3	
CANY0050	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/23/84-04/23/84	0	1	
CANY0054	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/14/95-09/09/99	4	8	
CANY0056	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/23/84-04/23/84	0	1	
CANY0057	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/12/90-08/05/99	9	13	
CANY0061	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/23/90-05/17/92	1	4	
CANY0063	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/14/95-09/09/99	4	10	
CANY0064	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/14/95-09/09/99	4	9	
CANY0067	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/20/78-07/20/78	0	1	
CANY0069	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/21/90-05/18/92	1	4	
CANY0072	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/27/84-04/27/84	0	1	
CANY0074	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/23/84-04/23/84	0	1	
CANY0077	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/28/84-04/28/84	0	1	
CANY0078	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/20/69-05/20/69	0	1	
CANY0079	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/14/78-06/14/78	0	1	
CANY0080	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/02/68-05/02/68	0	1	
CANY0083	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/05/78-08/05/78	0	1	
CANY0084	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	12/02/70-12/02/70	0	1	
CANY0086	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/15/78-06/15/78	0	1	
CANY0088	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/26/84-04/26/84	0	1	
CANY0090	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/09/68-10/09/68	0	1	
CANY0091	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/23/90-12/09/99	9	20	
CANY0095	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/04/69-09/04/69	0	1	
CANY0097	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/24/90-04/30/92	1	4	
CANY0099	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/23/90-04/30/92	1	4	
CANY0100	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/14/78-07/14/78	0	1	
CANY0101	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/17/68-07/17/68	0	1	
CANY0107	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/23/90-09/23/90	0	1	
CANY0109	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/21/90-05/16/92	1	4	
CANY0110	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/02/68-05/02/68	0	1	
CANY0113	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/23/91-05/16/92	0	3	
CANY0115	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/02/78-07/02/78	0	1	
CANY0116	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/02/68-05/02/68	0	1	
CANY0117	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/27/79-03/16/82	2	6	
CANY0118	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/27/79-04/24/84	5	8	
CANY0119	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/01/78-07/01/78	0	1	
CANY0122	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/21/78-07/21/78	0	1	
CANY0123	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/30/90-12/09/99	9	17	
CANY0126	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/27/84-04/27/84	0	1	
CANY0127	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/27/84-04/27/84	0	1	
CANY0128	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/26/91-04/24/93	1	4	
CANY0131	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/05/70-03/05/70	0	1	
CANY0132	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/28/84-04/28/84	0	1	
CANY0133	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/08/70-04/08/70	0	1	
CANY0135	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/30/90-05/16/92	1	4	
CANY0137	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/08/70-04/08/70	0	1	
CANY0143	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/07/70-04/07/70	0	1	
CANY0146	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/23/90-10/23/90	0	1	
CANY0150	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/23/90-05/01/92	1	4	
CANY0151	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/27/84-04/27/84	0	1	
CANY0153	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/04/83-08/04/99	16	59	T,S
CANY0154	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/23/90-05/02/92	1	3	
CANY0156	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/04/83-08/04/99	16	59	T,S
CANY0157	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/27/84-04/27/84	0	1	
CANY0159	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/30/90-05/16/92	1	4	
CANY0160	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/20/69-05/20/69	0	1	
CANY0161	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/24/84-04/24/84	0	1	
CANY0164	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/23/77-10/23/77	0	1	
CANY0165	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/04/93-12/09/99	6	17	
CANY0167	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/27/80-03/27/80	0	1	
CANY0172	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/27/84-04/27/84	0	1	
CANY0174	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/21/78-03/21/78	0	1	
CANY0177	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/07/74-08/07/74	0	1	
CANY0178	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/18/80-10/26/90	10	3	
CANY0185	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/07/70-04/07/70	0	1	
CANY0187	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/25/90-09/19/99	8	22	
CANY0189	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/22/78-06/22/78	0	1	
CANY0191	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/25/90-05/04/92	1	4	
CANY0194	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/25/90-09/19/99	8	21	
CANY0198	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	11/12/80-02/28/99	18	4	
CANY0199	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/22/78-03/25/81	3	5	

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

Station/Parameter Period of Record Tabulation From 10/02/48 To 12/09/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
CANY0200	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/15/57-09/03/69	12	2	
CANY0202	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/14/91-05/14/91	0	1	
CANY0207	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/25/90-05/03/92	1	4	
CANY0208	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	11/14/80-04/24/81	0	2	
CANY0209	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	11/13/80-04/24/81	0	2	
CANY0210	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	11/13/80-04/24/81	0	2	
CANY0211	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/22/57-05/22/57	0	1	
CANY0213	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/26/84-04/26/84	0	1	
CANY0216	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/09/97-09/09/97	0	1	
CANY0217	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/16/91-08/20/97	6	26	
CANY0218	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/26/84-04/26/84	0	1	
CANY0221	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/28/78-07/28/78	0	1	
CANY0224	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	11/14/80-04/24/81	0	2	
CANY0225	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/22/77-10/22/77	0	1	
CANY0227	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/15/83-08/06/98	15	52	T,S
CANY0229	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/21/77-08/21/77	0	1	
CANY0231	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/21/77-08/21/77	0	1	
CANY0235	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/21/77-08/21/77	0	1	
CANY0236	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/27/78-04/29/81	3	3	
CANY0237	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/27/78-04/29/81	3	3	
CANY0239	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	11/13/69-11/13/69	0	1	
CANY0240	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/04/70-03/04/70	0	1	
CANY0241	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	11/14/80-04/24/81	0	2	
CANY0243	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/13/78-06/13/78	0	1	
CANY0244	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/29/80-04/29/81	1	2	
CANY0248	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	11/14/80-11/14/80	0	1	
CANY0249	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/25/65-05/14/68	2	2	
CANY0250	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/14/91-09/09/98	7	3	
CANY0252	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/13/78-06/13/78	0	1	
CANY0255	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	11/14/80-04/24/81	0	2	
CANY0257	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/12/78-06/12/78	0	1	
CANY0258	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/15/78-06/15/78	0	1	
CANY0260	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/27/90-05/05/92	1	4	
CANY0264	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/04/90-04/18/92	1	4	
CANY0265	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/04/90-04/18/92	1	3	
CANY0266	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/18/65-10/24/67	2	2	
CANY0270	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/24/81-04/24/81	0	1	
CANY0271	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/04/70-03/04/70	0	1	
CANY0272	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/01/77-07/01/77	0	1	
CANY0273	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/27/90-09/19/99	8	5	
CANY0275	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	11/12/69-11/12/69	0	1	
CANY0276	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/21/91-10/04/99	8	32	
CANY0277	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/18/91-04/12/99	7	48	
CANY0278	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	11/17/97-09/03/98	0	4	
CANY0279	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/04/90-10/04/90	0	1	
CANY0282	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	11/14/89-05/17/96	6	7	
CANY0283	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/17/80-11/14/80	0	2	
CANY0284	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/15/91-08/06/98	7	29	
CANY0287	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	11/14/89-10/04/99	9	36	
CANY0288	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/23/77-01/27/81	3	28	
CANY0289	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/22/77-08/22/77	0	1	
CANY0290	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	11/14/89-10/04/99	9	36	
CANY0291	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/14/77-09/06/99	22	57	T,S
CANY0294	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/03/91-05/14/92	0	2	
CANY0295	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/03/92-09/05/99	7	3	
CANY0297	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/14/77-09/19/77	0	4	
CANY0298	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/01/89-09/04/99	10	3	
CANY0024	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	06/29/76-06/29/76	0	1	
CANY0035	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/02/48-10/02/48	0	1	
CANY0052	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/01/68-07/01/68	0	1	
CANY0080	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	05/02/68-05/02/68	0	1	
CANY0084	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	12/02/70-12/02/70	0	1	
CANY0090	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/09/68-10/09/68	0	1	
CANY0095	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/04/69-09/04/69	0	1	
CANY0101	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/17/68-07/17/68	0	1	
CANY0110	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	05/02/68-05/02/68	0	1	
CANY0116	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	05/02/68-05/02/68	0	1	
CANY0120	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	11/14/85-11/14/85	0	1	
CANY0121	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	03/18/83-03/18/83	0	1	
CANY0131	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	03/05/70-03/05/70	0	1	
CANY0137	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/08/70-04/08/70	0	1	
CANY0143	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/07/70-04/07/70	0	1	

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

Station/Parameter Period of Record Tabulation **From 10/02/48 To 12/09/99**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
CANY0160	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	05/20/69-05/20/69	0	1	
CANY0164	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/23/77-10/23/77	0	1	
CANY0176	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/12/83-04/12/83	0	1	
CANY0183	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/12/83-04/12/83	0	1	
CANY0185	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/07/70-04/07/70	0	1	
CANY0188	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/12/83-04/12/83	0	1	
CANY0200	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	05/15/57-09/03/69	12	2	
CANY0211	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	05/22/57-05/22/57	0	1	
CANY0225	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/22/77-10/22/77	0	1	
CANY0239	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	11/13/69-11/13/69	0	1	
CANY0240	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	03/04/70-03/04/70	0	1	
CANY0249	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	05/25/65-05/14/68	2	2	
CANY0266	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	05/18/65-10/24/67	2	2	
CANY0271	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	03/04/70-03/04/70	0	1	
CANY0275	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	11/12/69-11/12/69	0	1	
CANY0164	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/23/77-10/23/77	0	1	
CANY0225	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/22/77-10/22/77	0	1	
CANY0120	No	70337	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .002MM	07/21/86-07/21/86	0	1	
CANY0121	No	70337	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .002MM	03/18/83-06/29/83	0	2	
CANY0120	No	70338	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .004MM	07/21/86-07/21/86	0	1	
CANY0121	No	70338	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .004MM	03/18/83-06/29/83	0	2	
CANY0120	No	70340	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .016MM	07/21/86-07/21/86	0	1	
CANY0121	No	70340	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .016MM	03/18/83-06/29/83	0	2	
CANY0120	No	70342	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .062MM	07/21/86-07/21/86	0	1	
CANY0121	No	70342	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .062MM	03/18/83-06/29/83	0	2	
CANY0120	No	70343	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .125MM	07/21/86-07/21/86	0	1	
CANY0006	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/09/79-06/12/80	0	2	
CANY0007	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/20/77-05/20/77	0	1	
CANY0010	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/12/80-06/12/80	0	1	
CANY0012	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/09/79-06/12/80	0	2	
CANY0013	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/09/79-06/12/80	0	2	
CANY0018	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/09/79-06/12/80	0	2	
CANY0020	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/12/80-06/12/80	0	1	
CANY0030	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/02/77-06/12/86	8	8	
CANY0038	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/02/77-03/21/78	0	2	
CANY0040	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/02/77-06/12/86	8	7	
CANY0057	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/12/90-07/12/90	0	1	
CANY0117	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/27/79-03/25/81	1	5	
CANY0153	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/04/83-07/10/90	7	24	
CANY0156	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/04/83-07/10/90	7	21	
CANY0167	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/27/80-03/27/80	0	1	
CANY0174	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/21/78-03/21/78	0	1	
CANY0178	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/26/90-10/26/90	0	1	
CANY0199	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/22/78-03/25/81	3	5	
CANY0227	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/20/84-07/09/90	6	20	
CANY0236	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/27/78-04/29/81	3	3	
CANY0237	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/27/78-04/29/81	3	3	
CANY0242	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/28/87-07/28/87	0	1	
CANY0244	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	04/29/80-04/29/81	1	2	
CANY0288	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/23/77-01/27/81	3	25	
CANY0291	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/19/77-04/29/90	12	39	
CANY0297	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/19/77-09/19/77	0	3	
CANY0298	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/01/89-06/01/89	0	1	
CANY0029	Yes	70953	CHLOROPHYLL-A,PHYTOPLANKTON UG/L,CHROMO-FLUORO	04/28/84-04/28/84	0	1	
CANY0037	No	70953	CHLOROPHYLL-A,PHYTOPLANKTON UG/L,CHROMO-FLUORO	04/28/84-04/28/84	0	1	
CANY0050	No	70953	CHLOROPHYLL-A,PHYTOPLANKTON UG/L,CHROMO-FLUORO	04/23/84-04/23/84	0	1	
CANY0056	No	70953	CHLOROPHYLL-A,PHYTOPLANKTON UG/L,CHROMO-FLUORO	04/23/84-04/23/84	0	1	
CANY0072	Yes	70953	CHLOROPHYLL-A,PHYTOPLANKTON UG/L,CHROMO-FLUORO	04/27/84-04/27/84	0	1	
CANY0074	No	70953	CHLOROPHYLL-A,PHYTOPLANKTON UG/L,CHROMO-FLUORO	04/23/84-04/23/84	0	1	
CANY0077	Yes	70953	CHLOROPHYLL-A,PHYTOPLANKTON UG/L,CHROMO-FLUORO	04/28/84-04/28/84	0	1	
CANY0088	Yes	70953	CHLOROPHYLL-A,PHYTOPLANKTON UG/L,CHROMO-FLUORO	04/26/84-04/26/84	0	1	
CANY0118	No	70953	CHLOROPHYLL-A,PHYTOPLANKTON UG/L,CHROMO-FLUORO	04/24/84-04/24/84	0	1	
CANY0126	Yes	70953	CHLOROPHYLL-A,PHYTOPLANKTON UG/L,CHROMO-FLUORO	04/27/84-04/27/84	0	1	
CANY0127	Yes	70953	CHLOROPHYLL-A,PHYTOPLANKTON UG/L,CHROMO-FLUORO	04/27/84-04/27/84	0	1	
CANY0132	Yes	70953	CHLOROPHYLL-A,PHYTOPLANKTON UG/L,CHROMO-FLUORO	04/28/84-04/28/84	0	1	
CANY0151	Yes	70953	CHLOROPHYLL-A,PHYTOPLANKTON UG/L,CHROMO-FLUORO	04/27/84-04/27/84	0	1	
CANY0157	Yes	70953	CHLOROPHYLL-A,PHYTOPLANKTON UG/L,CHROMO-FLUORO	04/27/84-04/27/84	0	1	
CANY0161	Yes	70953	CHLOROPHYLL-A,PHYTOPLANKTON UG/L,CHROMO-FLUORO	04/24/84-04/24/84	0	1	
CANY0172	Yes	70953	CHLOROPHYLL-A,PHYTOPLANKTON UG/L,CHROMO-FLUORO	04/27/84-04/27/84	0	1	
CANY0213	Yes	70953	CHLOROPHYLL-A,PHYTOPLANKTON UG/L,CHROMO-FLUORO	04/26/84-04/26/84	0	1	
CANY0218	Yes	70953	CHLOROPHYLL-A,PHYTOPLANKTON UG/L,CHROMO-FLUORO	04/26/84-04/26/84	0	1	
CANY0052	No	71830	HYDROXIDE ION (MG/L AS OH)	07/01/68-07/01/68	0	1	

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

Station/Parameter Period of Record Tabulation From 10/02/48 To 12/09/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
CANY0118	No	71830	HYDROXIDE ION (MG/L AS OH)	03/27/79-03/16/82	2	6	
CANY0177	No	71830	HYDROXIDE ION (MG/L AS OH)	08/07/74-08/07/74	0	1	
CANY0035	No	71850	NITRATE NITROGEN, TOTAL (MG/L AS NO3)	10/02/48-10/02/48	0	1	
CANY0143	Yes	71850	NITRATE NITROGEN, TOTAL (MG/L AS NO3)	04/07/70-04/07/70	0	1	
CANY0240	Yes	71850	NITRATE NITROGEN, TOTAL (MG/L AS NO3)	03/04/70-03/04/70	0	1	
CANY0011	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/16/78-06/16/78	0	1	
CANY0014	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/14/78-06/14/78	0	1	
CANY0017	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/17/78-06/17/78	0	1	
CANY0022	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/15/78-06/15/78	0	1	
CANY0023	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/15/78-06/15/78	0	1	
CANY0024	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/15/81-09/15/81	0	1	
CANY0031	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/15/78-06/15/78	0	1	
CANY0035	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/02/48-10/02/48	0	1	
CANY0043	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/18/78-06/18/78	0	1	
CANY0052	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/01/68-07/01/68	0	1	
CANY0067	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/20/78-07/20/78	0	1	
CANY0079	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/14/78-06/14/78	0	1	
CANY0080	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/02/68-05/02/68	0	1	
CANY0083	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/05/78-08/05/78	0	1	
CANY0084	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	12/02/70-12/02/70	0	1	
CANY0086	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/15/78-06/15/78	0	1	
CANY0090	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/09/68-10/09/68	0	1	
CANY0095	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/04/69-09/04/69	0	1	
CANY0100	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/14/78-07/14/78	0	1	
CANY0101	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/17/68-07/17/68	0	1	
CANY0110	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/02/68-05/02/68	0	1	
CANY0115	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/02/78-07/02/78	0	1	
CANY0116	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/02/68-05/02/68	0	1	
CANY0118	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/15/81-09/15/81	0	1	
CANY0119	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/01/78-07/01/78	0	1	
CANY0122	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/21/78-07/21/78	0	1	
CANY0131	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	03/05/70-03/05/70	0	1	
CANY0137	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	04/08/70-04/08/70	0	1	
CANY0143	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	04/07/70-04/07/70	0	1	
CANY0160	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/20/69-05/20/69	0	1	
CANY0185	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	04/07/70-04/07/70	0	1	
CANY0189	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/22/78-06/22/78	0	1	
CANY0200	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/15/57-09/03/69	12	2	
CANY0211	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/22/57-05/22/57	0	1	
CANY0221	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/28/78-07/28/78	0	1	
CANY0239	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	11/13/69-11/13/69	0	1	
CANY0243	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/13/78-06/13/78	0	1	
CANY0249	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/25/65-05/14/68	2	2	
CANY0252	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/13/78-06/13/78	0	1	
CANY0257	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/12/78-06/12/78	0	1	
CANY0258	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/15/78-06/15/78	0	1	
CANY0266	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/18/65-10/24/67	2	2	
CANY0271	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	03/04/70-03/04/70	0	1	
CANY0275	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	11/12/69-11/12/69	0	1	
CANY0024	No	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	09/15/81-09/15/81	0	1	
CANY0118	No	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	09/15/81-09/15/81	0	1	
CANY0090	Yes	71885	IRON (UG/L AS FE)	10/09/68-10/09/68	0	1	
CANY0095	Yes	71885	IRON (UG/L AS FE)	09/04/69-09/04/69	0	1	
CANY0160	Yes	71885	IRON (UG/L AS FE)	05/20/69-05/20/69	0	1	
CANY0200	No	71885	IRON (UG/L AS FE)	09/03/69-09/03/69	0	1	
CANY0239	Yes	71885	IRON (UG/L AS FE)	11/13/69-11/13/69	0	1	
CANY0249	Yes	71885	IRON (UG/L AS FE)	05/14/68-05/14/68	0	1	
CANY0266	Yes	71885	IRON (UG/L AS FE)	10/24/67-10/24/67	0	1	
CANY0271	Yes	71885	IRON (UG/L AS FE)	03/04/70-03/04/70	0	1	
CANY0024	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	09/15/81-09/15/81	0	1	
CANY0118	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	09/15/81-09/15/81	0	1	
CANY0021	No	71890	MERCURY, DISSOLVED (UG/L AS HG)	07/06/93-11/30/99	6	11	
CANY0024	No	71890	MERCURY, DISSOLVED (UG/L AS HG)	09/15/81-09/15/81	0	1	
CANY0028	No	71890	MERCURY, DISSOLVED (UG/L AS HG)	07/06/93-11/30/99	6	11	
CANY0030	No	71890	MERCURY, DISSOLVED (UG/L AS HG)	07/31/97-05/06/98	0	4	
CANY0040	No	71890	MERCURY, DISSOLVED (UG/L AS HG)	07/06/93-11/30/99	6	11	
CANY0054	Yes	71890	MERCURY, DISSOLVED (UG/L AS HG)	04/28/97-09/09/99	2	6	
CANY0057	Yes	71890	MERCURY, DISSOLVED (UG/L AS HG)	07/02/93-08/05/99	6	12	
CANY0063	Yes	71890	MERCURY, DISSOLVED (UG/L AS HG)	04/28/97-09/09/99	2	8	
CANY0064	Yes	71890	MERCURY, DISSOLVED (UG/L AS HG)	04/28/97-09/09/99	2	8	
CANY0091	Yes	71890	MERCURY, DISSOLVED (UG/L AS HG)	05/07/96-12/09/99	3	11	
CANY0118	No	71890	MERCURY, DISSOLVED (UG/L AS HG)	09/15/81-09/15/81	0	1	

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

Station/Parameter Period of Record Tabulation From 10/02/48 To 12/09/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
CANY0123	Yes	71890	MERCURY, DISSOLVED (UG/L AS HG)	05/07/96-12/09/99	3	12	
CANY0153	Yes	71890	MERCURY, DISSOLVED (UG/L AS HG)	10/08/92-08/04/99	6	29	
CANY0156	Yes	71890	MERCURY, DISSOLVED (UG/L AS HG)	10/08/92-08/04/99	6	29	
CANY0165	Yes	71890	MERCURY, DISSOLVED (UG/L AS HG)	10/04/93-12/09/99	6	13	
CANY0177	No	71890	MERCURY, DISSOLVED (UG/L AS HG)	08/07/74-08/07/74	0	1	
CANY0187	Yes	71890	MERCURY, DISSOLVED (UG/L AS HG)	09/30/93-09/19/99	5	12	
CANY0194	Yes	71890	MERCURY, DISSOLVED (UG/L AS HG)	09/20/96-09/19/99	2	11	
CANY0198	No	71890	MERCURY, DISSOLVED (UG/L AS HG)	02/28/99-02/28/99	0	1	
CANY0216	Yes	71890	MERCURY, DISSOLVED (UG/L AS HG)	09/09/97-09/09/97	0	1	
CANY0217	Yes	71890	MERCURY, DISSOLVED (UG/L AS HG)	10/08/92-08/20/97	4	19	
CANY0227	Yes	71890	MERCURY, DISSOLVED (UG/L AS HG)	10/08/92-08/06/98	5	21	
CANY0250	Yes	71890	MERCURY, DISSOLVED (UG/L AS HG)	09/09/98-09/09/98	0	1	
CANY0273	Yes	71890	MERCURY, DISSOLVED (UG/L AS HG)	12/01/98-09/19/99	0	4	
CANY0277	No	71890	MERCURY, DISSOLVED (UG/L AS HG)	10/08/92-08/06/98	5	16	
CANY0278	Yes	71890	MERCURY, DISSOLVED (UG/L AS HG)	11/17/97-09/03/98	0	4	
CANY0282	No	71890	MERCURY, DISSOLVED (UG/L AS HG)	10/20/94-05/17/96	1	3	
CANY0284	No	71890	MERCURY, DISSOLVED (UG/L AS HG)	10/08/92-08/06/98	5	22	
CANY0287	No	71890	MERCURY, DISSOLVED (UG/L AS HG)	07/30/95-07/30/95	0	1	
CANY0291	No	71890	MERCURY, DISSOLVED (UG/L AS HG)	05/14/92-09/06/99	7	14	
CANY0294	No	71890	MERCURY, DISSOLVED (UG/L AS HG)	05/14/92-05/14/92	0	1	
CANY0295	No	71890	MERCURY, DISSOLVED (UG/L AS HG)	09/03/92-09/05/99	7	3	
CANY0298	No	71890	MERCURY, DISSOLVED (UG/L AS HG)	05/12/92-09/04/99	7	2	
CANY0041	No	71900	MERCURY, TOTAL (UG/L AS HG)	06/18/80-11/12/80	0	2	
CANY0118	No	71900	MERCURY, TOTAL (UG/L AS HG)	03/27/79-03/16/82	2	6	
CANY0178	No	71900	MERCURY, TOTAL (UG/L AS HG)	06/18/80-11/12/80	0	2	
CANY0198	No	71900	MERCURY, TOTAL (UG/L AS HG)	11/12/80-04/24/81	0	2	
CANY0208	No	71900	MERCURY, TOTAL (UG/L AS HG)	11/14/80-04/24/81	0	2	
CANY0209	No	71900	MERCURY, TOTAL (UG/L AS HG)	11/13/80-04/24/81	0	2	
CANY0210	No	71900	MERCURY, TOTAL (UG/L AS HG)	11/13/80-04/24/81	0	2	
CANY0224	No	71900	MERCURY, TOTAL (UG/L AS HG)	11/14/80-04/24/81	0	2	
CANY0241	No	71900	MERCURY, TOTAL (UG/L AS HG)	11/14/80-04/24/81	0	2	
CANY0248	No	71900	MERCURY, TOTAL (UG/L AS HG)	11/14/80-11/14/80	0	1	
CANY0255	No	71900	MERCURY, TOTAL (UG/L AS HG)	11/14/80-04/24/81	0	2	
CANY0270	No	71900	MERCURY, TOTAL (UG/L AS HG)	04/24/81-04/24/81	0	1	
CANY0283	Yes	71900	MERCURY, TOTAL (UG/L AS HG)	06/17/80-11/14/80	0	2	
CANY0053	No	71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	12/01/71-04/27/72	0	9	
CANY0053	No	71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	12/01/71-04/27/72	0	9	
CANY0053	No	71939	CHROMIUM,TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	12/01/71-04/27/72	0	9	
CANY0053	No	71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	12/01/71-04/27/72	0	9	
CANY0080	Yes	72000	ELEVATION OF LAND SURFACE DATUM (FT. ABOVE MSL)	05/02/68-05/02/68	0	1	
CANY0090	Yes	72000	ELEVATION OF LAND SURFACE DATUM (FT. ABOVE MSL)	10/09/68-10/09/68	0	1	
CANY0095	Yes	72000	ELEVATION OF LAND SURFACE DATUM (FT. ABOVE MSL)	09/04/69-09/04/69	0	1	
CANY0101	Yes	72000	ELEVATION OF LAND SURFACE DATUM (FT. ABOVE MSL)	07/17/68-07/17/68	0	1	
CANY0110	Yes	72000	ELEVATION OF LAND SURFACE DATUM (FT. ABOVE MSL)	05/02/68-05/02/68	0	1	
CANY0116	Yes	72000	ELEVATION OF LAND SURFACE DATUM (FT. ABOVE MSL)	05/02/68-05/02/68	0	1	
CANY0160	Yes	72000	ELEVATION OF LAND SURFACE DATUM (FT. ABOVE MSL)	05/20/69-05/20/69	0	1	
CANY0200	No	72000	ELEVATION OF LAND SURFACE DATUM (FT. ABOVE MSL)	09/03/69-09/03/69	0	1	
CANY0239	Yes	72000	ELEVATION OF LAND SURFACE DATUM (FT. ABOVE MSL)	11/13/69-11/13/69	0	1	
CANY0249	Yes	72000	ELEVATION OF LAND SURFACE DATUM (FT. ABOVE MSL)	05/14/68-05/14/68	0	1	
CANY0266	Yes	72000	ELEVATION OF LAND SURFACE DATUM (FT. ABOVE MSL)	10/24/67-10/24/67	0	1	
CANY0271	Yes	72000	ELEVATION OF LAND SURFACE DATUM (FT. ABOVE MSL)	03/04/70-03/04/70	0	1	
CANY0211	No	72005	SAMPLE SOURCE CODE (BM WELL DATA)	05/22/57-05/22/57	0	1	
CANY0271	Yes	72005	SAMPLE SOURCE CODE (BM WELL DATA)	03/04/70-03/04/70	0	1	
CANY0200	No	72006	SAMPLING CONDITION CODE (BM WELL DATA)	05/15/57-05/15/57	0	1	
CANY0211	No	72006	SAMPLING CONDITION CODE (BM WELL DATA)	05/22/57-05/22/57	0	1	
CANY0275	Yes	72006	SAMPLING CONDITION CODE (BM WELL DATA)	11/12/69-11/12/69	0	1	
CANY0276	No	74010	IRON, TOTAL (MG/L AS FE)	04/04/94-07/12/94	0	2	
CANY0277	No	74010	IRON, TOTAL (MG/L AS FE)	04/04/94-07/12/94	0	2	
CANY0287	No	74010	IRON, TOTAL (MG/L AS FE)	04/04/94-07/12/94	0	2	
CANY0290	No	74010	IRON, TOTAL (MG/L AS FE)	04/04/94-07/12/94	0	2	
CANY0238	Yes	75986	ALPHA GROSS,1 SIGMA PRC EST AS NAT U,DISS,WTR UG/L	03/02/89-03/02/89	0	1	
CANY0245	Yes	75986	ALPHA GROSS,1 SIGMA PRC EST AS NAT U,DISS,WTR UG/L	03/02/89-05/01/89	0	2	
CANY0246	Yes	75986	ALPHA GROSS,1 SIGMA PRC EST AS NAT U,DISS,WTR UG/L	03/02/89-05/01/89	0	2	
CANY0247	Yes	75986	ALPHA GROSS,1 SIGMA PRC EST AS NAT U,DISS,WTR UG/L	03/02/89-05/01/89	0	2	
CANY0238	Yes	75987	ALPHA GROSS,DISS,1 SIGMA PRC EST AS TH230,WTR PC/L	03/02/89-03/02/89	0	1	
CANY0245	Yes	75987	ALPHA GROSS,DISS,1 SIGMA PRC EST AS TH230,WTR PC/L	03/02/89-05/01/89	0	2	
CANY0246	Yes	75987	ALPHA GROSS,DISS,1 SIGMA PRC EST AS TH230,WTR PC/L	03/02/89-05/01/89	0	2	
CANY0247	Yes	75987	ALPHA GROSS,DISS,1 SIGMA PRC EST AS TH230,WTR PC/L	03/02/89-05/01/89	0	2	
CANY0238	Yes	75988	BETA GROSS,DISS,1 SIGMA PRC EST AS SR90/Y90 PC/L	03/02/89-03/02/89	0	1	
CANY0245	Yes	75988	BETA GROSS,DISS,1 SIGMA PRC EST AS SR90/Y90 PC/L	03/02/89-05/01/89	0	2	
CANY0246	Yes	75988	BETA GROSS,DISS,1 SIGMA PRC EST AS SR90/Y90 PC/L	03/02/89-05/01/89	0	2	
CANY0247	Yes	75988	BETA GROSS,DISS,1 SIGMA PRC EST AS SR90/Y90 PC/L	03/02/89-05/01/89	0	2	

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Station/Parameter Period of Record Tabulation **From 10/02/48 To 12/09/99**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
CANY0238	Yes	75989	BETA GROSS,1 SIGMA PRC EST AS CS-137,DISS,WTR PC/L	03/02/89-03/02/89	0	1	
CANY0245	Yes	75989	BETA GROSS,1 SIGMA PRC EST AS CS-137,DISS,WTR PC/L	03/02/89-05/01/89	0	2	
CANY0246	Yes	75989	BETA GROSS,1 SIGMA PRC EST AS CS-137,DISS,WTR PC/L	03/02/89-05/01/89	0	2	
CANY0247	Yes	75989	BETA GROSS,1 SIGMA PRC EST AS CS-137,DISS,WTR PC/L	03/02/89-05/01/89	0	2	
CANY0238	Yes	75991	URANIUM 238,1 SIGMA PRC EST,DISSOLVED,WATER PC/L	03/02/89-03/02/89	0	1	
CANY0245	Yes	75991	URANIUM 238,1 SIGMA PRC EST,DISSOLVED,WATER PC/L	03/02/89-05/01/89	0	2	
CANY0246	Yes	75991	URANIUM 238,1 SIGMA PRC EST,DISSOLVED,WATER PC/L	03/02/89-05/01/89	0	2	
CANY0247	Yes	75991	URANIUM 238,1 SIGMA PRC EST,DISSOLVED,WATER PC/L	03/02/89-05/01/89	0	2	
CANY0238	Yes	75992	URANIUM 234,1 SIGMA PRC EST,DISSOLVED,WATER PC/L	03/02/89-03/02/89	0	1	
CANY0245	Yes	75992	URANIUM 234,1 SIGMA PRC EST,DISSOLVED,WATER PC/L	03/02/89-05/01/89	0	2	
CANY0246	Yes	75992	URANIUM 234,1 SIGMA PRC EST,DISSOLVED,WATER PC/L	03/02/89-05/01/89	0	2	
CANY0247	Yes	75992	URANIUM 234,1 SIGMA PRC EST,DISSOLVED,WATER PC/L	03/02/89-05/01/89	0	2	
CANY0238	Yes	75994	URANIUM 235,1 SIGMA PRC EST,DISSOLVED,WATER PC/L	03/02/89-03/02/89	0	1	
CANY0245	Yes	75994	URANIUM 235,1 SIGMA PRC EST,DISSOLVED,WATER PC/L	03/02/89-05/01/89	0	2	
CANY0246	Yes	75994	URANIUM 235,1 SIGMA PRC EST,DISSOLVED,WATER PC/L	03/02/89-05/01/89	0	2	
CANY0247	Yes	75994	URANIUM 235,1 SIGMA PRC EST,DISSOLVED,WATER PC/L	03/02/89-05/01/89	0	2	
CANY0245	Yes	76000	RADIUM 228,1 SIGMA PRC EST,DISSOLVED,WATER PC/L	05/01/89-05/01/89	0	1	
CANY0246	Yes	76000	RADIUM 228,1 SIGMA PRC EST,DISSOLVED,WATER PC/L	05/01/89-05/01/89	0	1	
CANY0247	Yes	76000	RADIUM 228,1 SIGMA PRC EST,DISSOLVED,WATER PC/L	05/01/89-05/01/89	0	1	
CANY0238	Yes	76001	RADIUM 226,1 SIGMA PRC EST,DISSOLVED,WATER PC/L	03/02/89-03/02/89	0	1	
CANY0245	Yes	76001	RADIUM 226,1 SIGMA PRC EST,DISSOLVED,WATER PC/L	03/02/89-05/01/89	0	2	
CANY0246	Yes	76001	RADIUM 226,1 SIGMA PRC EST,DISSOLVED,WATER PC/L	03/02/89-05/01/89	0	2	
CANY0247	Yes	76001	RADIUM 226,1 SIGMA PRC EST,DISSOLVED,WATER PC/L	03/02/89-05/01/89	0	2	
CANY0238	Yes	80030	ALPHA,DISSOLVED GROSS,AS URANIUM-NATURAL,UG/L	04/14/88-03/02/89	0	5	
CANY0245	Yes	80030	ALPHA,DISSOLVED GROSS,AS URANIUM-NATURAL,UG/L	04/14/88-05/01/89	1	6	
CANY0246	Yes	80030	ALPHA,DISSOLVED GROSS,AS URANIUM-NATURAL,UG/L	04/14/88-05/01/89	1	6	
CANY0247	Yes	80030	ALPHA,DISSOLVED GROSS,AS URANIUM-NATURAL,UG/L	04/14/88-05/01/89	1	6	
CANY0238	Yes	80050	BETA,DISSOLVED GROSS,AS SR-Y-90, PC/L	04/14/88-03/02/89	0	5	
CANY0245	Yes	80050	BETA,DISSOLVED GROSS,AS SR-Y-90, PC/L	04/14/88-05/01/89	1	6	
CANY0246	Yes	80050	BETA,DISSOLVED GROSS,AS SR-Y-90, PC/L	04/14/88-05/01/89	1	6	
CANY0247	Yes	80050	BETA,DISSOLVED GROSS,AS SR-Y-90, PC/L	04/14/88-05/01/89	1	6	
CANY0069	No	80110	SPECIFIC GRAVITY WATER-UNITY AT 4C	09/21/90-09/21/90	0	1	
CANY0097	Yes	80110	SPECIFIC GRAVITY WATER-UNITY AT 4C	10/24/90-10/24/90	0	1	
CANY0099	No	80110	SPECIFIC GRAVITY WATER-UNITY AT 4C	10/23/90-10/23/90	0	1	
CANY0109	Yes	80110	SPECIFIC GRAVITY WATER-UNITY AT 4C	09/21/90-09/21/90	0	1	
CANY0146	Yes	80110	SPECIFIC GRAVITY WATER-UNITY AT 4C	10/23/90-10/23/90	0	1	
CANY0150	Yes	80110	SPECIFIC GRAVITY WATER-UNITY AT 4C	10/23/90-10/23/90	0	1	
CANY0178	No	80110	SPECIFIC GRAVITY WATER-UNITY AT 4C	10/26/90-10/26/90	0	1	
CANY0187	Yes	80110	SPECIFIC GRAVITY WATER-UNITY AT 4C	10/25/90-10/25/90	0	1	
CANY0198	No	80110	SPECIFIC GRAVITY WATER-UNITY AT 4C	10/26/90-10/26/90	0	1	
CANY0265	Yes	80110	SPECIFIC GRAVITY WATER-UNITY AT 4C	10/04/90-10/04/90	0	1	
CANY0279	Yes	80110	SPECIFIC GRAVITY WATER-UNITY AT 4C	10/04/90-10/04/90	0	1	
CANY0120	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	11/14/85-07/21/86	0	3	
CANY0121	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	03/18/83-06/29/83	0	4	
CANY0238	Yes	81366	RADIUM-228,DISSOLVED (PC/L AS RA-228)	04/14/88-03/02/89	0	5	
CANY0245	Yes	81366	RADIUM-228,DISSOLVED (PC/L AS RA-228)	04/14/88-05/01/89	1	6	
CANY0246	Yes	81366	RADIUM-228,DISSOLVED (PC/L AS RA-228)	04/14/88-05/01/89	1	6	
CANY0247	Yes	81366	RADIUM-228,DISSOLVED (PC/L AS RA-228)	04/14/88-05/01/89	1	6	
CANY0053	No	81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	12/01/71-04/27/72	0	9	
CANY0179	No	82041	HELIUM, DISSOLVED IN WATER (UG/L AS HE)	05/25/79-05/25/79	0	1	
CANY0197	No	82041	HELIUM, DISSOLVED IN WATER (UG/L AS HE)	05/22/79-05/22/79	0	1	
CANY0219	No	82041	HELIUM, DISSOLVED IN WATER (UG/L AS HE)	05/30/79-05/30/79	0	1	
CANY0220	No	82041	HELIUM, DISSOLVED IN WATER (UG/L AS HE)	05/25/79-05/25/79	0	1	
CANY0222	No	82041	HELIUM, DISSOLVED IN WATER (UG/L AS HE)	05/30/79-05/30/79	0	1	
CANY0254	No	82041	HELIUM, DISSOLVED IN WATER (UG/L AS HE)	05/23/79-05/23/79	0	1	
CANY0269	No	82041	HELIUM, DISSOLVED IN WATER (UG/L AS HE)	05/26/79-05/26/79	0	1	
CANY0293	No	82041	HELIUM, DISSOLVED IN WATER (UG/L AS HE)	05/17/79-05/17/79	0	1	
CANY0274	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	07/10/85-07/10/85	0	1	
CANY0041	No	82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	06/18/80-11/12/80	0	2	
CANY0178	No	82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	06/18/80-11/12/80	0	2	
CANY0198	No	82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	11/12/80-04/24/81	0	2	
CANY0208	No	82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	11/14/80-04/24/81	0	2	
CANY0209	No	82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	11/13/80-04/24/81	0	2	
CANY0210	No	82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	11/13/80-04/24/81	0	2	
CANY0224	No	82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	11/14/80-04/24/81	0	2	
CANY0241	No	82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	11/14/80-04/24/81	0	2	
CANY0248	No	82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	11/14/80-11/14/80	0	1	
CANY0255	No	82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	11/14/80-04/24/81	0	2	
CANY0270	No	82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	04/24/81-04/24/81	0	1	
CANY0283	Yes	82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	06/17/80-11/14/80	0	2	
CANY0205	Yes	82331	DYSPROSIUM, DISSOLVED AS DY IN WATER UG/L	05/30/79-05/30/79	0	1	
CANY0054	Yes	82701	ALUMINUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/14/95-06/14/95	0	1	

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Station/Parameter Period of Record Tabulation **From 10/02/48 To 12/09/99**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
CANY0063	Yes	82701	ALUMINUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/14/95-06/14/95	0	1	
CANY0064	Yes	82701	ALUMINUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/14/95-06/14/95	0	1	
CANY0287	No	82701	ALUMINUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/10/93-08/10/93	0	1	
CANY0290	No	82701	ALUMINUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/10/93-08/10/93	0	1	
CANY0003	No	82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/17/86-09/17/86	0	1	
CANY0006	No	82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/12/80-06/12/80	0	1	
CANY0007	No	82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	01/30/78-01/30/78	0	1	
CANY0010	No	82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/12/80-06/15/82	2	2	
CANY0012	No	82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/12/80-06/12/80	0	1	
CANY0013	No	82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/09/79-06/12/80	0	2	
CANY0016	No	82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/22/87-09/22/87	0	1	
CANY0018	No	82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/12/80-06/12/80	0	1	
CANY0020	No	82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/12/80-06/12/80	0	1	
CANY0030	No	82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/21/78-09/22/87	9	9	
CANY0040	No	82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/21/78-06/12/86	8	5	
CANY0044	Yes	82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/02/90-05/15/92	1	4	
CANY0054	Yes	82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/14/95-06/14/95	0	1	
CANY0057	Yes	82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	07/12/90-07/12/90	0	1	
CANY0061	Yes	82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/23/90-05/17/92	1	4	
CANY0063	Yes	82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/14/95-06/14/95	0	1	
CANY0064	Yes	82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/14/95-06/14/95	0	1	
CANY0069	No	82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/21/90-05/18/92	1	4	
CANY0091	Yes	82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/23/90-04/24/93	2	5	
CANY0097	Yes	82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/24/90-04/30/92	1	4	
CANY0099	No	82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/23/90-04/30/92	1	4	
CANY0107	Yes	82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/23/90-09/23/90	0	1	
CANY0109	Yes	82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/21/90-05/16/92	1	4	
CANY0113	Yes	82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/23/91-05/16/92	0	3	
CANY0117	No	82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/27/80-03/16/82	1	2	
CANY0123	Yes	82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/30/90-05/16/92	1	4	
CANY0128	Yes	82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/26/91-04/24/93	1	4	
CANY0135	Yes	82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/30/90-05/16/92	1	4	
CANY0146	Yes	82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/23/90-10/23/90	0	1	
CANY0150	Yes	82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/23/90-05/01/92	1	4	
CANY0153	Yes	82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/04/83-05/15/93	10	32	
CANY0154	Yes	82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/23/90-05/02/92	1	3	
CANY0156	Yes	82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/04/83-05/15/93	10	28	
CANY0159	Yes	82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/30/90-05/16/92	1	4	
CANY0167	No	82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/27/80-03/27/80	0	1	
CANY0174	No	82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/21/78-03/21/78	0	1	
CANY0178	No	82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/26/90-10/26/90	0	1	
CANY0187	Yes	82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/25/90-05/09/93	2	5	
CANY0191	Yes	82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/25/90-05/04/92	1	4	
CANY0194	Yes	82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/25/90-05/09/93	2	5	
CANY0198	No	82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/26/90-10/26/90	0	1	
CANY0199	No	82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-07/29/80	2	4	
CANY0202	Yes	82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/25/90-05/14/91	0	2	
CANY0207	Yes	82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/25/90-05/03/92	1	4	
CANY0217	Yes	82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	04/16/91-05/15/93	2	4	
CANY0227	Yes	82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/15/83-05/15/93	9	29	
CANY0236	No	82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/27/78-04/29/80	2	2	
CANY0237	No	82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/27/78-04/29/80	2	2	
CANY0242	Yes	82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	07/28/87-07/28/87	0	1	
CANY0244	No	82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	04/29/80-04/29/80	0	1	
CANY0250	Yes	82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/14/91-08/14/91	0	1	
CANY0260	Yes	82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/27/90-05/05/92	1	4	
CANY0264	Yes	82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/04/90-04/18/92	1	4	
CANY0265	Yes	82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/04/90-04/18/92	1	3	
CANY0273	Yes	82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/27/90-10/27/90	0	1	
CANY0276	No	82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	07/21/91-04/18/95	3	10	
CANY0277	No	82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	07/18/91-04/18/95	3	11	
CANY0279	Yes	82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/04/90-10/04/90	0	1	
CANY0282	No	82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	11/14/89-11/02/90	0	3	
CANY0284	No	82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	04/15/91-05/15/93	2	4	
CANY0287	No	82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	11/14/89-10/04/99	9	31	
CANY0288	No	82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	01/11/78-10/22/80	2	10	
CANY0290	No	82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	11/14/89-10/04/99	9	30	
CANY0291	No	82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/13/78-05/15/93	15	34	S
CANY0294	No	82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/03/91-10/03/91	0	1	
CANY0298	No	82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/01/89-06/01/89	0	1	
CANY0003	No	82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	09/17/86-09/17/86	0	1	
CANY0006	No	82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	06/12/80-06/12/80	0	1	

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Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
CANY0007	No	82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	05/20/77-01/30/78	0	2	
CANY0010	No	82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	06/12/80-06/15/82	2	2	
CANY0012	No	82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	06/12/80-06/12/80	0	1	
CANY0013	No	82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	08/09/79-06/12/80	0	2	
CANY0016	No	82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	09/22/87-09/22/87	0	1	
CANY0018	No	82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	06/12/80-06/12/80	0	1	
CANY0020	No	82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	06/12/80-06/12/80	0	1	
CANY0030	No	82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	03/21/78-09/22/87	9	9	
CANY0038	No	82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	08/02/77-08/02/77	0	1	
CANY0040	No	82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	08/02/77-06/12/86	8	6	
CANY0044	Yes	82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	10/02/90-05/15/92	1	4	
CANY0054	Yes	82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	06/14/95-06/14/95	0	1	
CANY0057	Yes	82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	07/12/90-07/12/90	0	1	
CANY0061	Yes	82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	09/23/90-05/17/92	1	4	
CANY0063	Yes	82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	06/14/95-06/14/95	0	1	
CANY0064	Yes	82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	06/14/95-06/14/95	0	1	
CANY0069	No	82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	09/21/90-05/18/92	1	4	
CANY0091	Yes	82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	09/23/90-04/24/93	2	5	
CANY0097	Yes	82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	10/24/90-04/30/92	1	4	
CANY0099	No	82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	10/23/90-04/30/92	1	4	
CANY0107	Yes	82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	09/23/90-09/23/90	0	1	
CANY0109	Yes	82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	09/21/90-05/16/92	1	4	
CANY0113	Yes	82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	05/23/91-05/16/92	0	3	
CANY0117	No	82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	03/27/80-03/16/82	1	2	
CANY0123	Yes	82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	08/30/90-05/16/92	1	4	
CANY0128	Yes	82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	05/26/91-04/24/93	1	4	
CANY0135	Yes	82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	08/30/90-05/16/92	1	4	
CANY0146	Yes	82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	10/23/90-10/23/90	0	1	
CANY0150	Yes	82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	10/23/90-05/01/92	1	4	
CANY0153	Yes	82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	05/04/83-05/15/93	10	32	
CANY0154	Yes	82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	10/23/90-05/02/92	1	3	
CANY0156	Yes	82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	05/04/83-05/15/93	10	28	
CANY0159	Yes	82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	08/30/90-05/16/92	1	4	
CANY0167	No	82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	03/27/80-03/27/80	0	1	
CANY0174	No	82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	03/21/78-03/21/78	0	1	
CANY0178	No	82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	10/26/90-10/26/90	0	1	
CANY0187	Yes	82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	10/25/90-05/09/93	2	5	
CANY0191	Yes	82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	10/25/90-05/04/92	1	4	
CANY0194	Yes	82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	10/25/90-05/09/93	2	5	
CANY0198	No	82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	10/26/90-10/26/90	0	1	
CANY0199	No	82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	03/22/78-07/29/80	2	4	
CANY0202	Yes	82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	10/25/90-05/14/91	0	2	
CANY0207	Yes	82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	10/25/90-05/03/92	1	4	
CANY0217	Yes	82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	04/16/91-05/15/93	2	4	
CANY0227	Yes	82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	06/15/83-05/15/93	9	29	
CANY0236	No	82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	03/27/78-04/29/80	2	2	
CANY0237	No	82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	03/27/78-04/29/80	2	2	
CANY0242	Yes	82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	07/28/87-07/28/87	0	1	
CANY0244	No	82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	04/29/80-04/29/80	0	1	
CANY0250	Yes	82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	08/14/91-08/14/91	0	1	
CANY0260	Yes	82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	10/27/90-05/05/92	1	4	
CANY0264	Yes	82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	10/04/90-04/18/92	1	4	
CANY0265	Yes	82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	10/04/90-04/18/92	1	3	
CANY0273	Yes	82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	10/27/90-10/27/90	0	1	
CANY0277	No	82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	07/18/91-05/15/93	1	3	
CANY0279	Yes	82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	10/04/90-10/04/90	0	1	
CANY0282	No	82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	11/14/89-11/02/90	0	3	
CANY0284	No	82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	04/15/91-05/15/93	2	4	
CANY0287	No	82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	11/14/89-08/10/93	3	3	
CANY0288	No	82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	02/14/78-10/23/78	0	7	
CANY0290	No	82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	11/14/89-08/10/93	3	3	
CANY0291	No	82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	06/14/77-05/15/93	15	35	S
CANY0294	No	82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	10/03/91-10/03/91	0	1	
CANY0297	No	82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	06/14/77-07/19/77	0	2	
CANY0298	No	82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	06/01/89-06/01/89	0	1	
CANY0287	No	82704	BERYLLIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/10/93-08/10/93	0	1	
CANY0290	No	82704	BERYLLIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/10/93-08/10/93	0	1	
CANY0003	No	82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/17/86-09/17/86	0	1	
CANY0006	No	82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/12/80-06/12/80	0	1	
CANY0010	No	82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/15/82-06/15/82	0	1	
CANY0012	No	82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/12/80-06/12/80	0	1	
CANY0013	No	82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/09/79-06/12/80	0	2	

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

Station/Parameter Period of Record Tabulation From 10/02/48 To 12/09/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
CANY0016	No	82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/22/87-09/22/87	0	1	
CANY0018	No	82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/12/80-06/12/80	0	1	
CANY0020	No	82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/12/80-06/12/80	0	1	
CANY0030	No	82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/21/78-09/22/87	9	9	
CANY0038	No	82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/02/77-08/02/77	0	1	
CANY0040	No	82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/02/77-06/12/86	8	6	
CANY0044	Yes	82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/02/90-05/15/92	1	4	
CANY0054	Yes	82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/14/95-06/14/95	0	1	
CANY0057	Yes	82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	07/12/90-07/12/90	0	1	
CANY0061	Yes	82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/23/90-05/17/92	1	4	
CANY0063	Yes	82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/14/95-06/14/95	0	1	
CANY0064	Yes	82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/14/95-06/14/95	0	1	
CANY0069	No	82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/21/90-05/18/92	1	4	
CANY0091	Yes	82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/23/90-04/24/93	2	5	
CANY0097	Yes	82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/24/90-04/30/92	1	3	
CANY0099	No	82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/23/90-04/30/92	1	4	
CANY0107	Yes	82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/23/90-09/23/90	0	1	
CANY0109	Yes	82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/21/90-05/16/92	1	4	
CANY0113	Yes	82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/23/91-05/16/92	0	3	
CANY0117	No	82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/27/80-03/16/82	1	2	
CANY0123	Yes	82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/30/90-05/16/92	1	4	
CANY0128	Yes	82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/26/91-04/24/93	1	4	
CANY0135	Yes	82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/30/90-05/16/92	1	4	
CANY0146	Yes	82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/23/90-10/23/90	0	1	
CANY0150	Yes	82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/23/90-05/01/92	1	4	
CANY0153	Yes	82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/04/83-05/15/93	10	32	
CANY0154	Yes	82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/23/90-05/02/92	1	3	
CANY0156	Yes	82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/04/83-05/15/93	10	28	
CANY0159	Yes	82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/30/90-05/16/92	1	4	
CANY0167	No	82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/27/80-03/27/80	0	1	
CANY0174	No	82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/21/78-03/21/78	0	1	
CANY0178	No	82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/26/90-10/26/90	0	1	
CANY0187	Yes	82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/25/90-05/09/93	2	5	
CANY0191	Yes	82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/25/90-05/04/92	1	4	
CANY0194	Yes	82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/25/90-05/09/93	2	5	
CANY0198	No	82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/26/90-10/26/90	0	1	
CANY0199	No	82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-07/29/80	2	4	
CANY0202	Yes	82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/25/90-05/14/91	0	2	
CANY0207	Yes	82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/25/90-05/03/92	1	4	
CANY0217	Yes	82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	04/16/91-05/15/93	2	4	
CANY0227	Yes	82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/15/83-05/15/93	9	29	
CANY0236	No	82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/27/78-04/29/80	2	2	
CANY0237	No	82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/27/78-04/29/80	2	2	
CANY0242	Yes	82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	07/28/87-07/28/87	0	1	
CANY0244	No	82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	04/29/80-04/29/80	0	1	
CANY0250	Yes	82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/14/91-08/14/91	0	1	
CANY0260	Yes	82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/27/90-05/05/92	1	4	
CANY0264	Yes	82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/04/90-04/18/92	1	4	
CANY0265	Yes	82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/04/90-04/18/92	1	3	
CANY0273	Yes	82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/27/90-10/27/90	0	1	
CANY0277	No	82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	07/18/91-05/15/93	1	3	
CANY0279	Yes	82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/04/90-10/04/90	0	1	
CANY0282	No	82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	11/14/89-11/02/90	0	3	
CANY0284	No	82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	04/15/91-05/15/93	2	4	
CANY0287	No	82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	11/14/89-08/10/93	3	3	
CANY0288	No	82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/23/77-05/15/78	0	5	
CANY0290	No	82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	11/14/89-08/10/93	3	3	
CANY0291	No	82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/22/77-05/15/93	15	33	S
CANY0294	No	82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/03/91-10/03/91	0	1	
CANY0297	No	82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/22/77-08/22/77	0	1	
CANY0298	No	82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/01/89-06/01/89	0	1	
CANY0003	No	82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/17/86-09/17/86	0	1	
CANY0006	No	82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/12/80-06/12/80	0	1	
CANY0007	No	82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/20/77-01/30/78	0	2	
CANY0010	No	82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/15/82-06/15/82	0	1	
CANY0012	No	82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/12/80-06/12/80	0	1	
CANY0013	No	82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/09/79-06/12/80	0	2	
CANY0016	No	82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/22/87-09/22/87	0	1	
CANY0018	No	82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/12/80-06/12/80	0	1	
CANY0020	No	82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/12/80-06/12/80	0	1	
CANY0030	No	82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/21/78-09/22/87	9	9	
CANY0040	No	82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/02/77-06/12/86	8	6	

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

Station/Parameter Period of Record Tabulation From 10/02/48 To 12/09/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
CANY0044	Yes	82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/02/90-05/15/92	1	4	
CANY0054	Yes	82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/14/95-06/14/95	0	1	
CANY0057	Yes	82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	07/12/90-07/12/90	0	1	
CANY0061	Yes	82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/23/90-05/17/92	1	4	
CANY0063	Yes	82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/14/95-06/14/95	0	1	
CANY0064	Yes	82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/14/95-06/14/95	0	1	
CANY0069	No	82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/21/90-05/18/92	1	4	
CANY0091	Yes	82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/23/90-04/24/93	2	5	
CANY0097	Yes	82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/24/90-04/30/92	1	4	
CANY0099	No	82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/23/90-04/30/92	1	4	
CANY0107	Yes	82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/23/90-09/23/90	0	1	
CANY0109	Yes	82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/21/90-05/16/92	1	4	
CANY0113	Yes	82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/23/91-05/16/92	0	3	
CANY0117	No	82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/27/80-03/16/82	1	2	
CANY0123	Yes	82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/30/90-05/16/92	1	4	
CANY0128	Yes	82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/26/91-04/24/93	1	4	
CANY0135	Yes	82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/30/90-05/16/92	1	4	
CANY0146	Yes	82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/23/90-10/23/90	0	1	
CANY0150	Yes	82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/23/90-05/01/92	1	4	
CANY0153	Yes	82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/04/83-05/15/93	10	32	
CANY0154	Yes	82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/23/90-05/02/92	1	3	
CANY0156	Yes	82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/04/83-05/15/93	10	28	
CANY0159	Yes	82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/30/90-05/16/92	1	4	
CANY0167	No	82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/27/80-03/27/80	0	1	
CANY0174	No	82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/21/78-03/21/78	0	1	
CANY0178	No	82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/26/90-10/26/90	0	1	
CANY0187	Yes	82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/25/90-05/09/93	2	5	
CANY0191	Yes	82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/25/90-05/04/92	1	4	
CANY0194	Yes	82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/25/90-05/09/93	2	5	
CANY0198	No	82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/26/90-10/26/90	0	1	
CANY0199	No	82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-07/29/80	2	4	
CANY0202	Yes	82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/25/90-05/14/91	0	2	
CANY0207	Yes	82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/25/90-05/03/92	1	4	
CANY0217	Yes	82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	04/16/91-05/15/93	2	4	
CANY0227	Yes	82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/15/83-05/15/93	9	29	
CANY0236	No	82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/27/78-04/29/80	2	2	
CANY0237	No	82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/27/78-04/29/80	2	2	
CANY0242	Yes	82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	07/28/87-07/28/87	0	1	
CANY0244	No	82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	04/29/80-04/29/80	0	1	
CANY0250	Yes	82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/14/91-08/14/91	0	1	
CANY0260	Yes	82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/27/90-05/05/92	1	4	
CANY0264	Yes	82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/04/90-04/18/92	1	4	
CANY0265	Yes	82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/04/90-04/18/92	1	3	
CANY0273	Yes	82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/27/90-10/27/90	0	1	
CANY0276	No	82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	07/21/91-04/18/95	3	10	
CANY0277	No	82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	07/18/91-04/18/95	3	11	
CANY0279	Yes	82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/04/90-10/04/90	0	1	
CANY0282	No	82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	11/14/89-11/02/90	0	3	
CANY0284	No	82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	04/15/91-05/15/93	2	4	
CANY0287	No	82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	11/14/89-10/04/99	9	31	
CANY0288	No	82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	01/11/78-05/15/78	0	4	
CANY0290	No	82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	11/14/89-10/04/99	9	30	
CANY0291	No	82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/20/78-05/15/93	15	31	
CANY0294	No	82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/03/91-10/03/91	0	1	
CANY0298	No	82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/01/89-06/01/89	0	1	
CANY0227	Yes	82707	COBALT, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/14/85-10/14/85	0	1	
CANY0287	No	82707	COBALT, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/10/93-08/10/93	0	1	
CANY0290	No	82707	COBALT, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/10/93-08/10/93	0	1	
CANY0003	No	82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/17/86-09/17/86	0	1	
CANY0006	No	82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/12/80-06/12/80	0	1	
CANY0007	No	82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	01/30/78-01/30/78	0	1	
CANY0010	No	82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/15/82-06/15/82	0	1	
CANY0012	No	82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/12/80-06/12/80	0	1	
CANY0013	No	82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/09/79-06/12/80	0	2	
CANY0016	No	82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/22/87-09/22/87	0	1	
CANY0018	No	82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/12/80-06/12/80	0	1	
CANY0020	No	82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/12/80-06/12/80	0	1	
CANY0030	No	82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/21/78-09/22/87	9	9	
CANY0038	No	82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/02/77-08/02/77	0	1	
CANY0040	No	82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/02/77-06/12/86	8	6	
CANY0044	Yes	82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/02/90-05/15/92	1	4	
CANY0054	Yes	82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/14/95-06/14/95	0	1	

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

Station/Parameter Period of Record Tabulation From 10/02/48 To 12/09/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
CANY0057	Yes	82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	07/12/90-07/12/90	0	1	
CANY0061	Yes	82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/23/90-05/17/92	1	4	
CANY0063	Yes	82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/14/95-06/14/95	0	1	
CANY0064	Yes	82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/14/95-06/14/95	0	1	
CANY0069	No	82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/21/90-05/18/92	1	4	
CANY0091	Yes	82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/23/90-04/24/93	2	5	
CANY0097	Yes	82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/24/90-04/30/92	1	4	
CANY0099	No	82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/23/90-04/30/92	1	4	
CANY0107	Yes	82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/23/90-09/23/90	0	1	
CANY0109	Yes	82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/21/90-05/16/92	1	4	
CANY0113	Yes	82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/23/91-05/16/92	0	3	
CANY0117	No	82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/27/80-03/16/82	1	2	
CANY0123	Yes	82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/30/90-05/16/92	1	4	
CANY0128	Yes	82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/26/91-04/24/93	1	4	
CANY0135	Yes	82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/30/90-05/16/92	1	4	
CANY0146	Yes	82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/23/90-10/23/90	0	1	
CANY0150	Yes	82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/23/90-05/01/92	1	4	
CANY0153	Yes	82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/04/83-05/15/93	10	32	
CANY0154	Yes	82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/23/90-05/02/92	1	3	
CANY0156	Yes	82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/04/83-05/15/93	10	28	
CANY0159	Yes	82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/30/90-05/16/92	1	4	
CANY0167	No	82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/27/80-03/27/80	0	1	
CANY0174	No	82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/21/78-03/21/78	0	1	
CANY0178	No	82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/26/90-10/26/90	0	1	
CANY0187	Yes	82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/25/90-05/09/93	2	5	
CANY0191	Yes	82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/25/90-05/04/92	1	4	
CANY0194	Yes	82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/25/90-05/09/93	2	5	
CANY0198	No	82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/26/90-10/26/90	0	1	
CANY0199	No	82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-07/29/80	2	4	
CANY0202	Yes	82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/25/90-05/14/91	0	2	
CANY0207	Yes	82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/25/90-05/03/92	1	4	
CANY0217	Yes	82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	04/16/91-05/15/93	2	4	
CANY0227	Yes	82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/15/83-05/15/93	9	28	
CANY0236	No	82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/27/78-04/29/80	2	2	
CANY0237	No	82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/27/78-04/29/80	2	2	
CANY0242	Yes	82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	07/28/87-07/28/87	0	1	
CANY0244	No	82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	04/29/80-04/29/80	0	1	
CANY0250	Yes	82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/14/91-08/14/91	0	1	
CANY0260	Yes	82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/27/90-05/05/92	1	4	
CANY0264	Yes	82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/04/90-04/18/92	1	4	
CANY0265	Yes	82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/04/90-04/18/92	1	3	
CANY0273	Yes	82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/27/90-10/27/90	0	1	
CANY0276	No	82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	07/21/91-04/18/95	3	10	
CANY0277	No	82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	07/18/91-04/18/95	3	11	
CANY0279	Yes	82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/04/90-10/04/90	0	1	
CANY0282	No	82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	11/14/89-11/02/90	0	3	
CANY0284	No	82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	04/15/91-05/15/93	2	4	
CANY0287	No	82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	11/14/89-10/04/99	9	31	
CANY0288	No	82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/23/77-10/23/78	1	9	
CANY0290	No	82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	11/14/89-10/04/99	9	30	
CANY0291	No	82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/14/77-05/15/93	15	37	S
CANY0294	No	82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/03/91-10/03/91	0	1	
CANY0297	No	82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/14/77-08/22/77	0	3	
CANY0298	No	82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/01/89-06/01/89	0	1	
CANY0003	No	82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	09/17/86-09/17/86	0	1	
CANY0006	No	82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	08/09/79-06/12/80	0	2	
CANY0007	No	82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	05/20/77-01/30/78	0	2	
CANY0010	No	82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	06/15/82-06/15/82	0	1	
CANY0012	No	82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	08/09/79-06/12/80	0	2	
CANY0013	No	82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	08/09/79-06/12/80	0	2	
CANY0016	No	82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	09/22/87-09/22/87	0	1	
CANY0018	No	82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	08/09/79-06/12/80	0	2	
CANY0020	No	82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	06/12/80-06/12/80	0	1	
CANY0030	No	82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	08/02/77-09/22/87	10	11	
CANY0038	No	82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	08/02/77-03/21/78	0	2	
CANY0040	No	82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	08/02/77-06/12/86	8	7	
CANY0044	Yes	82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	10/02/90-05/15/92	1	4	
CANY0054	Yes	82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	06/14/95-06/14/95	0	1	
CANY0057	Yes	82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	07/12/90-07/12/90	0	1	
CANY0061	Yes	82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	09/23/90-05/17/92	1	4	
CANY0063	Yes	82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	06/14/95-06/14/95	0	1	
CANY0064	Yes	82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	06/14/95-06/14/95	0	1	

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

Station/Parameter Period of Record Tabulation **From 10/02/48 To 12/09/99**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
CANY0069	No	82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	09/21/90-05/18/92	1	4	
CANY0091	Yes	82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	09/23/90-04/24/93	2	5	
CANY0097	Yes	82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	10/24/90-04/30/92	1	4	
CANY0099	No	82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	10/23/90-04/30/92	1	4	
CANY0107	Yes	82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	09/23/90-09/23/90	0	1	
CANY0109	Yes	82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	09/21/90-05/16/92	1	4	
CANY0113	Yes	82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	05/23/91-05/16/92	0	3	
CANY0117	No	82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	03/27/79-03/16/82	2	6	
CANY0123	Yes	82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	08/30/90-05/16/92	1	4	
CANY0128	Yes	82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	05/26/91-04/24/93	1	4	
CANY0135	Yes	82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	08/30/90-05/16/92	1	4	
CANY0146	Yes	82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	10/23/90-10/23/90	0	1	
CANY0150	Yes	82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	10/23/90-05/01/92	1	4	
CANY0153	Yes	82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	05/04/83-05/15/93	10	32	
CANY0154	Yes	82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	10/23/90-05/02/92	1	3	
CANY0156	Yes	82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	05/04/83-05/15/93	10	28	
CANY0159	Yes	82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	08/30/90-05/16/92	1	4	
CANY0167	No	82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	03/27/80-03/27/80	0	1	
CANY0174	No	82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	03/21/78-03/21/78	0	1	
CANY0178	No	82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	10/26/90-10/26/90	0	1	
CANY0187	Yes	82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	10/25/90-05/09/93	2	5	
CANY0191	Yes	82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	10/25/90-05/04/92	1	4	
CANY0194	Yes	82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	10/25/90-05/09/93	2	5	
CANY0198	No	82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	10/26/90-10/26/90	0	1	
CANY0199	No	82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	03/22/78-03/25/81	3	5	
CANY0202	Yes	82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	10/25/90-05/14/91	0	2	
CANY0207	Yes	82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	10/25/90-05/03/92	1	4	
CANY0217	Yes	82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	04/16/91-05/15/93	2	4	
CANY0227	Yes	82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	06/15/83-05/15/93	9	29	
CANY0236	No	82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	03/27/78-04/29/80	2	2	
CANY0237	No	82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	03/27/78-04/29/80	2	2	
CANY0242	Yes	82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	07/28/87-07/28/87	0	1	
CANY0244	No	82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	04/29/80-04/29/80	0	1	
CANY0250	Yes	82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	08/14/91-08/14/91	0	1	
CANY0260	Yes	82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	10/27/90-05/05/92	1	4	
CANY0264	Yes	82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	10/04/90-04/18/92	1	4	
CANY0265	Yes	82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	10/04/90-04/18/92	1	3	
CANY0273	Yes	82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	10/27/90-10/27/90	0	1	
CANY0276	No	82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	07/21/91-04/18/95	3	10	
CANY0277	No	82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	07/18/91-04/18/95	3	11	
CANY0279	Yes	82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	10/04/90-10/04/90	0	1	
CANY0282	No	82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	11/14/89-11/02/90	0	3	
CANY0284	No	82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	04/15/91-05/15/93	2	4	
CANY0287	No	82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	11/14/89-10/04/99	9	31	
CANY0288	No	82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	08/23/77-01/27/81	3	28	
CANY0290	No	82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	11/14/89-10/04/99	9	30	
CANY0291	No	82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	06/14/77-05/15/93	15	46	S
CANY0294	No	82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	10/03/91-10/03/91	0	1	
CANY0297	No	82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	06/14/77-09/19/77	0	4	
CANY0298	No	82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	06/01/89-06/01/89	0	1	
CANY0003	No	82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/17/86-09/17/86	0	1	
CANY0006	No	82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/12/80-06/12/80	0	1	
CANY0010	No	82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/15/82-06/15/82	0	1	
CANY0012	No	82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/12/80-06/12/80	0	1	
CANY0013	No	82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/09/79-06/12/80	0	2	
CANY0016	No	82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/22/87-09/22/87	0	1	
CANY0018	No	82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/12/80-06/12/80	0	1	
CANY0020	No	82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/12/80-06/12/80	0	1	
CANY0030	No	82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/21/78-09/22/87	9	9	
CANY0040	No	82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/21/78-06/12/86	8	5	
CANY0044	Yes	82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/02/90-05/15/92	1	4	
CANY0054	Yes	82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/14/95-06/14/95	0	1	
CANY0057	Yes	82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	07/12/90-07/12/90	0	1	
CANY0061	Yes	82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/23/90-05/17/92	1	4	
CANY0063	Yes	82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/14/95-06/14/95	0	1	
CANY0064	Yes	82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/14/95-06/14/95	0	1	
CANY0069	No	82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/21/90-05/18/92	1	4	
CANY0091	Yes	82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/23/90-04/24/93	2	5	
CANY0097	Yes	82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/24/90-04/30/92	1	4	
CANY0099	No	82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/23/90-04/30/92	1	4	
CANY0107	Yes	82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/23/90-09/23/90	0	1	
CANY0109	Yes	82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/21/90-05/16/92	1	4	

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

Station/Parameter Period of Record Tabulation **From 10/02/48 To 12/09/99**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
CANY0113	Yes	82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/23/91-05/16/92	0	3	
CANY0117	No	82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/27/80-03/16/82	1	2	
CANY0123	Yes	82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/30/90-05/16/92	1	4	
CANY0128	Yes	82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/26/91-04/24/93	1	4	
CANY0135	Yes	82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/30/90-05/16/92	1	4	
CANY0146	Yes	82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/23/90-10/23/90	0	1	
CANY0150	Yes	82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/23/90-05/01/92	1	4	
CANY0153	Yes	82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/04/83-05/15/93	10	32	
CANY0154	Yes	82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/23/90-05/02/92	1	3	
CANY0156	Yes	82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/04/83-05/15/93	10	28	
CANY0159	Yes	82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/30/90-05/16/92	1	4	
CANY0167	No	82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/27/80-03/27/80	0	1	
CANY0174	No	82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/21/78-03/21/78	0	1	
CANY0178	No	82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/26/90-10/26/90	0	1	
CANY0187	Yes	82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/25/90-05/09/93	2	5	
CANY0191	Yes	82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/25/90-05/04/92	1	4	
CANY0194	Yes	82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/25/90-05/09/93	2	5	
CANY0198	No	82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/26/90-10/26/90	0	1	
CANY0199	No	82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-07/29/80	2	4	
CANY0202	Yes	82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/25/90-05/14/91	0	2	
CANY0207	Yes	82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/25/90-05/03/92	1	4	
CANY0217	Yes	82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	04/16/91-05/15/93	2	4	
CANY0227	Yes	82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/15/83-05/15/93	9	29	
CANY0236	No	82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/27/78-04/29/80	2	2	
CANY0237	No	82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/27/78-04/29/80	2	2	
CANY0242	Yes	82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	07/28/87-07/28/87	0	1	
CANY0244	No	82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	04/29/80-04/29/80	0	1	
CANY0250	Yes	82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/14/91-08/14/91	0	1	
CANY0260	Yes	82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/27/90-05/05/92	1	4	
CANY0264	Yes	82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/04/90-04/18/92	1	4	
CANY0265	Yes	82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/04/90-04/18/92	1	3	
CANY0273	Yes	82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/27/90-10/27/90	0	1	
CANY0277	No	82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	07/18/91-05/15/93	1	3	
CANY0279	Yes	82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/04/90-10/04/90	0	1	
CANY0282	No	82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	11/14/89-11/02/90	0	3	
CANY0284	No	82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	04/15/91-05/15/93	2	4	
CANY0287	No	82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	11/14/89-08/10/93	3	3	
CANY0288	No	82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/14/78-09/20/78	0	5	
CANY0290	No	82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	11/14/89-08/10/93	3	3	
CANY0291	No	82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/22/77-05/15/93	15	32	S
CANY0294	No	82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/03/91-10/03/91	0	1	
CANY0298	No	82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/01/89-06/01/89	0	1	
CANY0003	No	82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/17/86-09/17/86	0	1	
CANY0006	No	82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/12/80-06/12/80	0	1	
CANY0007	No	82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/20/77-01/30/78	0	2	
CANY0010	No	82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/15/82-06/15/82	0	1	
CANY0012	No	82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/12/80-06/12/80	0	1	
CANY0013	No	82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/09/79-06/12/80	0	2	
CANY0016	No	82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/22/87-09/22/87	0	1	
CANY0018	No	82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/12/80-06/12/80	0	1	
CANY0020	No	82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/12/80-06/12/80	0	1	
CANY0030	No	82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/02/77-09/22/87	10	10	
CANY0038	No	82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/02/77-08/02/77	0	1	
CANY0040	No	82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/02/77-06/12/86	8	6	
CANY0044	Yes	82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/02/90-05/15/92	1	4	
CANY0054	Yes	82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/14/95-06/14/95	0	1	
CANY0057	Yes	82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	07/12/90-07/12/90	0	1	
CANY0061	Yes	82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/23/90-05/17/92	1	4	
CANY0063	Yes	82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/14/95-06/14/95	0	1	
CANY0064	Yes	82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/14/95-06/14/95	0	1	
CANY0069	No	82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/21/90-05/18/92	1	4	
CANY0091	Yes	82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/23/90-04/24/93	2	5	
CANY0097	Yes	82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/24/90-04/30/92	1	4	
CANY0099	No	82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/23/90-04/30/92	1	4	
CANY0107	Yes	82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/23/90-09/23/90	0	1	
CANY0109	Yes	82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/21/90-05/16/92	1	4	
CANY0113	Yes	82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/23/91-05/16/92	0	3	
CANY0117	No	82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/27/80-03/16/82	1	2	
CANY0123	Yes	82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/30/90-05/16/92	1	4	
CANY0128	Yes	82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/26/91-04/24/93	1	4	
CANY0135	Yes	82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/30/90-05/16/92	1	4	
CANY0146	Yes	82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/23/90-10/23/90	0	1	

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

Station/Parameter Period of Record Tabulation **From 10/02/48 To 12/09/99**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
CANY0150	Yes	82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/23/90-05/01/92	1	4	
CANY0153	Yes	82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/04/83-05/15/93	10	32	
CANY0154	Yes	82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/23/90-05/02/92	1	3	
CANY0156	Yes	82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/04/83-05/15/93	10	28	
CANY0159	Yes	82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/30/90-05/16/92	1	4	
CANY0167	No	82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/27/80-03/27/80	0	1	
CANY0174	No	82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/21/78-03/21/78	0	1	
CANY0178	No	82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/26/90-10/26/90	0	1	
CANY0187	Yes	82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/25/90-05/09/93	2	5	
CANY0191	Yes	82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/25/90-05/04/92	1	4	
CANY0194	Yes	82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/25/90-05/09/93	2	5	
CANY0198	No	82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/26/90-10/26/90	0	1	
CANY0199	No	82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-07/29/80	2	4	
CANY0202	Yes	82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/25/90-05/14/91	0	2	
CANY0207	Yes	82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/25/90-05/03/92	1	4	
CANY0217	Yes	82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	04/16/91-05/15/93	2	4	
CANY0227	Yes	82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/15/83-05/15/93	9	29	
CANY0236	No	82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/27/78-04/29/80	2	2	
CANY0237	No	82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/27/78-04/29/80	2	2	
CANY0242	Yes	82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	07/28/87-07/28/87	0	1	
CANY0244	No	82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	04/29/80-04/29/80	0	1	
CANY0250	Yes	82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/14/91-08/14/91	0	1	
CANY0260	Yes	82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/27/90-05/05/92	1	4	
CANY0264	Yes	82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/04/90-04/18/92	1	4	
CANY0265	Yes	82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/02/91-04/18/92	0	2	
CANY0273	Yes	82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/27/90-10/27/90	0	1	
CANY0276	No	82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	07/21/91-04/18/95	3	10	
CANY0277	No	82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	07/18/91-04/18/95	3	11	
CANY0279	Yes	82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/04/90-10/04/90	0	1	
CANY0282	No	82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	11/14/89-11/02/90	0	3	
CANY0284	No	82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	04/15/91-05/15/93	2	4	
CANY0287	No	82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	11/14/89-10/04/99	9	31	
CANY0288	No	82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/23/77-10/23/78	1	11	
CANY0290	No	82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	11/14/89-10/04/99	9	30	
CANY0291	No	82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/14/77-05/15/93	15	38	S
CANY0294	No	82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/03/91-10/03/91	0	1	
CANY0297	No	82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/14/77-08/22/77	0	3	
CANY0298	No	82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/01/89-06/01/89	0	1	
CANY0003	No	82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/17/86-09/17/86	0	1	
CANY0006	No	82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/09/79-06/12/80	0	2	
CANY0010	No	82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/15/82-06/15/82	0	1	
CANY0012	No	82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/09/79-06/12/80	0	2	
CANY0013	No	82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/09/79-06/12/80	0	2	
CANY0016	No	82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/22/87-09/22/87	0	1	
CANY0018	No	82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/09/79-06/12/80	0	2	
CANY0020	No	82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/12/80-06/12/80	0	1	
CANY0030	No	82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/21/78-09/22/87	9	10	
CANY0038	No	82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/21/78-03/21/78	0	1	
CANY0040	No	82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/02/77-06/12/86	8	7	
CANY0044	Yes	82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/02/90-05/15/92	1	4	
CANY0054	Yes	82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/14/95-06/14/95	0	1	
CANY0057	Yes	82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	07/12/90-07/12/90	0	1	
CANY0061	Yes	82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/23/90-05/17/92	1	4	
CANY0063	Yes	82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/14/95-06/14/95	0	1	
CANY0064	Yes	82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/14/95-06/14/95	0	1	
CANY0069	No	82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/21/90-05/18/92	1	4	
CANY0091	Yes	82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/23/90-04/24/93	2	5	
CANY0097	Yes	82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/24/90-04/30/92	1	4	
CANY0099	No	82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/23/90-04/30/92	1	4	
CANY0107	Yes	82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/23/90-09/23/90	0	1	
CANY0109	Yes	82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/21/90-05/16/92	1	4	
CANY0113	Yes	82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/23/91-05/16/92	0	3	
CANY0117	No	82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/27/79-03/16/82	2	6	
CANY0123	Yes	82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/30/90-05/16/92	1	4	
CANY0128	Yes	82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/26/91-04/24/93	1	4	
CANY0135	Yes	82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/30/90-05/16/92	1	4	
CANY0146	Yes	82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/23/90-10/23/90	0	1	
CANY0150	Yes	82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/23/90-05/01/92	1	4	
CANY0153	Yes	82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/04/83-05/15/93	10	32	
CANY0154	Yes	82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/23/90-05/02/92	1	3	
CANY0156	Yes	82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/04/83-05/15/93	10	28	
CANY0159	Yes	82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/30/90-05/16/92	1	4	

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Station/Parameter Period of Record Tabulation From 10/02/48 To 12/09/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
CANY0167	No	82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/27/80-03/27/80	0	1	
CANY0174	No	82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/21/78-03/21/78	0	1	
CANY0178	No	82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/26/90-10/26/90	0	1	
CANY0187	Yes	82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/25/90-05/09/93	2	5	
CANY0191	Yes	82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/25/90-05/04/92	1	4	
CANY0194	Yes	82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/25/90-05/09/93	2	5	
CANY0198	No	82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/26/90-10/26/90	0	1	
CANY0199	No	82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-03/25/81	3	5	
CANY0202	Yes	82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/25/90-05/14/91	0	2	
CANY0207	Yes	82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/25/90-05/03/92	1	4	
CANY0217	Yes	82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	04/16/91-05/15/93	2	4	
CANY0227	Yes	82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/15/83-05/15/93	9	29	
CANY0236	No	82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/27/78-04/29/81	3	3	
CANY0237	No	82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/27/78-04/29/81	3	3	
CANY0242	Yes	82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	07/28/87-07/28/87	0	1	
CANY0244	No	82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	04/29/80-04/29/81	1	2	
CANY0250	Yes	82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/14/91-08/14/91	0	1	
CANY0260	Yes	82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/27/90-05/05/92	1	4	
CANY0264	Yes	82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/04/90-04/18/92	1	4	
CANY0265	Yes	82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/04/90-04/18/92	1	3	
CANY0273	Yes	82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/27/90-10/27/90	0	1	
CANY0277	No	82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	07/18/91-05/15/93	1	3	
CANY0279	Yes	82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/04/90-10/04/90	0	1	
CANY0282	No	82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	11/14/89-11/02/90	0	3	
CANY0284	No	82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	04/15/91-05/15/93	2	4	
CANY0287	No	82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	11/14/89-08/10/93	3	3	
CANY0288	No	82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/23/77-01/27/81	3	19	
CANY0290	No	82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	11/14/89-08/10/93	3	3	
CANY0291	No	82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/22/77-05/15/93	15	39	S
CANY0294	No	82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/03/91-10/03/91	0	1	
CANY0297	No	82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/14/77-08/22/77	0	3	
CANY0298	No	82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/01/89-06/01/89	0	1	
CANY0287	No	82714	MOLYBDENUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/10/93-08/10/93	0	1	
CANY0290	No	82714	MOLYBDENUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/10/93-08/10/93	0	1	
CANY0006	No	82715	NICKEL, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/12/80-06/12/80	0	1	
CANY0010	No	82715	NICKEL, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/15/82-06/15/82	0	1	
CANY0012	No	82715	NICKEL, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/12/80-06/12/80	0	1	
CANY0013	No	82715	NICKEL, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/09/79-06/12/80	0	2	
CANY0018	No	82715	NICKEL, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/12/80-06/12/80	0	1	
CANY0020	No	82715	NICKEL, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/12/80-06/12/80	0	1	
CANY0030	No	82715	NICKEL, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/21/78-07/29/82	4	6	
CANY0040	No	82715	NICKEL, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/21/78-07/29/80	2	4	
CANY0017	No	82715	NICKEL, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/27/80-03/16/82	1	2	
CANY0153	Yes	82715	NICKEL, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/04/83-07/21/83	0	2	
CANY0156	Yes	82715	NICKEL, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/04/83-07/21/83	0	2	
CANY0167	No	82715	NICKEL, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/27/80-03/27/80	0	1	
CANY0174	No	82715	NICKEL, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/21/78-03/21/78	0	1	
CANY0199	No	82715	NICKEL, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-07/29/80	2	4	
CANY0227	Yes	82715	NICKEL, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/15/83-07/13/83	0	3	
CANY0236	No	82715	NICKEL, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/27/78-04/29/80	2	2	
CANY0237	No	82715	NICKEL, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/27/78-04/29/80	2	2	
CANY0244	No	82715	NICKEL, FIELD ACIDIFIED, DECANTED, WATER UG/L	04/29/80-04/29/80	0	1	
CANY0276	No	82715	NICKEL, FIELD ACIDIFIED, DECANTED, WATER UG/L	07/21/91-04/18/95	3	10	
CANY0277	No	82715	NICKEL, FIELD ACIDIFIED, DECANTED, WATER UG/L	01/19/92-04/18/95	3	8	
CANY0287	No	82715	NICKEL, FIELD ACIDIFIED, DECANTED, WATER UG/L	01/19/92-10/04/99	7	29	
CANY0288	No	82715	NICKEL, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/14/78-05/15/78	0	3	
CANY0290	No	82715	NICKEL, FIELD ACIDIFIED, DECANTED, WATER UG/L	01/19/92-10/04/99	7	28	
CANY0291	No	82715	NICKEL, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/22/77-07/25/83	5	8	
CANY0297	No	82715	NICKEL, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/22/77-08/22/77	0	1	
CANY0003	No	82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/17/86-09/17/86	0	1	
CANY0006	No	82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/12/80-06/12/80	0	1	
CANY0010	No	82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/15/82-06/15/82	0	1	
CANY0012	No	82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/12/80-06/12/80	0	1	
CANY0013	No	82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/09/79-06/12/80	0	2	
CANY0016	No	82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/22/87-09/22/87	0	1	
CANY0018	No	82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/12/80-06/12/80	0	1	
CANY0020	No	82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/12/80-06/12/80	0	1	
CANY0030	No	82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/02/77-09/22/87	10	10	
CANY0040	No	82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/02/77-06/12/86	8	6	
CANY0044	Yes	82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/02/90-05/15/92	1	4	
CANY0054	Yes	82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/14/95-06/14/95	0	1	
CANY0057	Yes	82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	07/12/90-07/12/90	0	1	

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Station/Parameter Period of Record Tabulation From 10/02/48 To 12/09/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
CANY0061	Yes	82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/23/91-05/17/92	0	3	
CANY0063	Yes	82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/14/95-06/14/95	0	1	
CANY0064	Yes	82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/14/95-06/14/95	0	1	
CANY0069	No	82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/21/90-05/18/92	1	4	
CANY0091	Yes	82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/23/91-04/24/93	1	4	
CANY0097	Yes	82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/24/90-04/30/92	1	4	
CANY0099	No	82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/23/90-04/30/92	1	4	
CANY0107	Yes	82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/23/90-09/23/90	0	1	
CANY0109	Yes	82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/21/90-05/16/92	1	4	
CANY0113	Yes	82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/23/91-05/16/92	0	3	
CANY0117	No	82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/27/80-03/16/82	1	2	
CANY0123	Yes	82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/30/90-05/16/92	1	4	
CANY0128	Yes	82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/26/91-04/24/93	1	4	
CANY0135	Yes	82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/30/90-05/16/92	1	4	
CANY0146	Yes	82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/23/90-10/23/90	0	1	
CANY0150	Yes	82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/23/90-05/01/92	1	4	
CANY0153	Yes	82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/04/83-05/15/93	10	32	
CANY0154	Yes	82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/23/90-05/02/92	1	3	
CANY0156	Yes	82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/04/83-05/15/93	10	28	
CANY0159	Yes	82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/30/90-05/16/92	1	4	
CANY0167	No	82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/27/80-03/27/80	0	1	
CANY0174	No	82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/21/78-03/21/78	0	1	
CANY0178	No	82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/26/90-10/26/90	0	1	
CANY0187	Yes	82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/25/90-05/09/93	2	5	
CANY0191	Yes	82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/25/90-05/04/92	1	4	
CANY0194	Yes	82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/25/90-05/09/93	2	5	
CANY0198	No	82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/26/90-10/26/90	0	1	
CANY0199	No	82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-07/29/80	2	4	
CANY0202	Yes	82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/25/90-05/14/91	0	2	
CANY0207	Yes	82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/25/90-05/03/92	1	4	
CANY0217	Yes	82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	04/16/91-05/15/93	2	4	
CANY0227	Yes	82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/15/83-05/15/93	9	29	
CANY0236	No	82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/27/78-04/29/80	2	2	
CANY0237	No	82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/27/78-04/29/80	2	2	
CANY0242	Yes	82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	07/28/87-07/28/87	0	1	
CANY0244	No	82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	04/29/80-04/29/80	0	1	
CANY0250	Yes	82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/14/91-08/14/91	0	1	
CANY0260	Yes	82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/27/90-05/05/92	1	4	
CANY0264	Yes	82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/04/90-04/18/92	1	4	
CANY0265	Yes	82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/04/90-04/18/92	1	3	
CANY0273	Yes	82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/27/90-10/27/90	0	1	
CANY0277	No	82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	07/18/91-05/15/93	1	3	
CANY0279	Yes	82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/04/90-10/04/90	0	1	
CANY0282	No	82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	11/14/89-11/02/90	0	3	
CANY0284	No	82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	04/15/91-05/15/93	2	4	
CANY0287	No	82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	11/14/89-08/10/93	3	3	
CANY0288	No	82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/14/78-05/15/78	0	3	
CANY0290	No	82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	11/14/89-08/10/93	3	3	
CANY0291	No	82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	07/19/77-05/15/93	15	33	S
CANY0294	No	82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/03/91-10/03/91	0	1	
CANY0297	No	82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	07/19/77-07/19/77	0	1	
CANY0298	No	82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/01/89-06/01/89	0	1	
CANY0287	No	82718	VANADIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/10/93-08/10/93	0	1	
CANY0290	No	82718	VANADIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/10/93-08/10/93	0	1	
CANY0003	No	82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/17/86-09/17/86	0	1	
CANY0006	No	82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/12/80-06/12/80	0	1	
CANY0007	No	82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	01/30/78-01/30/78	0	1	
CANY0010	No	82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/15/82-06/15/82	0	1	
CANY0012	No	82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/12/80-06/12/80	0	1	
CANY0013	No	82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/09/79-06/12/80	0	2	
CANY0016	No	82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/22/87-09/22/87	0	1	
CANY0018	No	82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/12/80-06/12/80	0	1	
CANY0020	No	82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/12/80-06/12/80	0	1	
CANY0030	No	82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/02/77-09/22/87	10	10	
CANY0038	No	82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/02/77-08/02/77	0	1	
CANY0040	No	82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/02/77-06/12/86	8	6	
CANY0044	Yes	82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/02/90-05/15/92	1	4	
CANY0054	Yes	82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/14/95-06/14/95	0	1	
CANY0057	Yes	82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	07/12/90-07/12/90	0	1	
CANY0061	Yes	82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/23/90-05/17/92	1	4	
CANY0063	Yes	82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/14/95-06/14/95	0	1	
CANY0064	Yes	82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/14/95-06/14/95	0	1	

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

Station/Parameter Period of Record Tabulation From 10/02/48 To 12/09/99

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
CANY0069	No	82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/21/90-05/18/92	1	4	
CANY0091	Yes	82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/23/90-04/24/93	2	5	
CANY0097	Yes	82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/24/90-04/30/92	1	4	
CANY0099	No	82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/23/90-04/30/92	1	4	
CANY0107	Yes	82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/23/90-09/23/90	0	1	
CANY0109	Yes	82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/21/90-05/16/92	1	4	
CANY0113	Yes	82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/23/91-05/16/92	0	3	
CANY0117	No	82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/27/80-03/16/82	1	2	
CANY0123	Yes	82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/30/90-05/16/92	1	4	
CANY0128	Yes	82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/26/91-04/24/93	1	4	
CANY0135	Yes	82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/30/90-05/16/92	1	4	
CANY0146	Yes	82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/23/90-10/23/90	0	1	
CANY0150	Yes	82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/23/90-05/01/92	1	4	
CANY0153	Yes	82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/04/83-05/15/93	10	32	
CANY0154	Yes	82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/23/90-05/02/92	1	3	
CANY0156	Yes	82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/04/83-05/15/93	10	28	
CANY0159	Yes	82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/30/90-05/16/92	1	4	
CANY0167	No	82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/27/80-03/27/80	0	1	
CANY0174	No	82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/21/78-03/21/78	0	1	
CANY0178	No	82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/26/90-10/26/90	0	1	
CANY0187	Yes	82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/25/90-05/09/93	2	5	
CANY0191	Yes	82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/25/90-05/04/92	1	4	
CANY0194	Yes	82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/25/90-05/09/93	2	5	
CANY0198	No	82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/26/90-10/26/90	0	1	
CANY0199	No	82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-07/29/80	2	4	
CANY0202	Yes	82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/25/90-05/14/91	0	2	
CANY0207	Yes	82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/25/90-05/03/92	1	4	
CANY0217	Yes	82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	04/16/91-05/15/93	2	4	
CANY0227	Yes	82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/15/83-05/15/93	9	29	
CANY0236	No	82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/27/78-04/29/80	2	2	
CANY0237	No	82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/27/78-04/29/80	2	2	
CANY0242	Yes	82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	07/28/87-07/28/87	0	1	
CANY0244	No	82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	04/29/80-04/29/80	0	1	
CANY0250	Yes	82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/14/91-08/14/91	0	1	
CANY0260	Yes	82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/27/90-05/05/92	1	4	
CANY0264	Yes	82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/04/90-04/18/92	1	4	
CANY0265	Yes	82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/04/90-04/18/92	1	3	
CANY0273	Yes	82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/27/90-10/27/90	0	1	
CANY0276	No	82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	07/21/91-04/18/95	3	10	
CANY0277	No	82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	07/18/91-04/18/95	3	11	
CANY0279	Yes	82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/04/90-10/04/90	0	1	
CANY0282	No	82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	11/14/89-11/02/90	0	3	
CANY0284	No	82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	04/15/91-05/15/93	2	4	
CANY0287	No	82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	11/14/89-10/04/99	9	31	
CANY0288	No	82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/23/77-10/23/78	1	11	
CANY0290	No	82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	11/14/89-10/04/99	9	30	
CANY0291	No	82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/14/77-05/15/93	15	38	S
CANY0294	No	82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/03/91-10/03/91	0	1	
CANY0297	No	82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/14/77-08/22/77	0	3	
CANY0298	No	82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/01/89-06/01/89	0	1	
CANY0287	No	82725	BORON, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/10/93-08/10/93	0	1	
CANY0290	No	82725	BORON, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/10/93-08/10/93	0	1	
CANY0052	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	07/01/68-07/01/68	0	1	
CANY0080	Yes	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	05/02/68-05/02/68	0	1	
CANY0084	Yes	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	12/02/70-12/02/70	0	1	
CANY0110	Yes	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	05/02/68-05/02/68	0	1	
CANY0116	Yes	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	05/02/68-05/02/68	0	1	
CANY0137	Yes	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	04/08/70-04/08/70	0	1	
CANY0160	Yes	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	05/20/69-05/20/69	0	1	
CANY0176	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	04/12/83-04/12/83	0	1	
CANY0183	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	04/12/83-04/12/83	0	1	
CANY0185	Yes	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	04/07/70-04/07/70	0	1	
CANY0200	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	05/15/57-09/03/69	12	2	
CANY0211	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	05/22/57-05/22/57	0	1	
CANY0238	Yes	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	08/17/88-03/02/89	0	3	
CANY0239	Yes	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	11/13/69-11/13/69	0	1	
CANY0240	Yes	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	03/04/70-03/04/70	0	1	
CANY0247	Yes	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	09/28/88-05/01/89	0	3	
CANY0249	Yes	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	05/25/65-05/14/68	2	2	
CANY0266	Yes	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	05/18/65-10/24/67	2	2	
CANY0271	Yes	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	03/04/70-03/04/70	0	1	
CANY0052	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	07/01/68-07/01/68	0	1	

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

**Station/Parameter Period of Record Tabulation
From 10/02/48 To 12/09/99**

Station	In Park	Code	Name	Start - End	Years	Obs	Plots ¹
CANY0080	Yes	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	05/02/68-05/02/68	0	1	
CANY0084	Yes	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	12/02/70-12/02/70	0	1	
CANY0110	Yes	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	05/02/68-05/02/68	0	1	
CANY0116	Yes	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	05/02/68-05/02/68	0	1	
CANY0137	Yes	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	04/08/70-04/08/70	0	1	
CANY0160	Yes	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	05/20/69-05/20/69	0	1	
CANY0176	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	04/12/83-04/12/83	0	1	
CANY0183	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	04/12/83-04/12/83	0	1	
CANY0185	Yes	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	04/07/70-04/07/70	0	1	
CANY0200	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	05/15/57-09/03/69	12	2	
CANY0211	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	05/22/57-05/22/57	0	1	
CANY0238	Yes	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	08/17/88-03/02/89	0	3	
CANY0239	Yes	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	11/13/69-11/13/69	0	1	
CANY0240	Yes	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	03/04/70-03/04/70	0	1	
CANY0247	Yes	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	09/28/88-05/01/89	0	3	
CANY0249	Yes	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	05/25/65-05/14/68	2	2	
CANY0266	Yes	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	05/18/65-10/24/67	2	2	
CANY0271	Yes	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	03/04/70-03/04/70	0	1	
CANY0053	No	84007	ANATOMY ALPHA CODE	12/01/71-04/27/72	0	9	
CANY0053	No	84008	LIFE STYLE/HABITAT OF THE INDIVIDUALS IN THE SAMPLE	12/01/71-04/27/72	0	9	

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

Station-By-Station Results

Station Inventory for Station: CANY0001

NPS Station ID: CANY0001	LAT/LON: 37.871115/-109.552503	Agency: 11NPSWRD	Date Created: 01/30/99
Location: C25473		FIPS State/County: 49037 UTAH/SAN JUAN	
Station Type: /TYPA/AMBNT/SPRING		STORET Station ID(s): CANY_NURE_19 /1085443	
RMI-Indexes:		Within Park Boundary: No	
RMI-Miles:			
HUC: 14030005	Depth of Water: 0	Aquifer:	
Major Basin: COLORADO RIVER	Elevation: 0	Water Body Id:	
Minor Basin: UPPER COLORADO RIVER		ECO Region:	
RF1 Index: 14030005	RF1 Mile Point: 0.000	Distance from RF1: 0.80	On/Off RF1:
RF3 Index: 14070004002901.17	RF3 Mile Point: 2.36	Distance from RF3: 0.11	On/Off RF3:
Description: THE STATION IS LOCATED ON THE MOUNT LINNAEUS UTAH 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT A SPRING AND IS OUTSIDE OF THE CANYONLANDS NATIONAL PARK. EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO ONE WITH REAGENT-GRADE NITRIC ACID. 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 STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "LASLID" ENTRY (LOS ALAMOS SCIENTIFIC LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY LISA DUMMER; NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).			

Parameter Inventory for Station: CANY0001

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/30/78-05/30/78	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/30/78-05/30/78	1	400.	400.	400.	400.	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	05/30/78-05/30/78	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	05/30/78-05/30/78	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/30/78-05/30/78	1	0.316	0.316	0.316	0.316	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS CA)	05/30/78-05/30/78	1	45.8	45.8	45.8	45.8	0.	0.	**	**	**	**
01030 CHROMIUM, DISSOLVED (UG/L AS CR)	05/30/78-05/30/78	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01035 COBALT, DISSOLVED (UG/L AS CO)	05/30/78-05/30/78	1	68.	68.	68.	68.	0.	0.	**	**	**	**
01040 COPPER, DISSOLVED (UG/L AS CU)	05/30/78-05/30/78	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01046 IRON, DISSOLVED (UG/L AS FE)	05/30/78-05/30/78	1	84.	84.	84.	84.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0001

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
							Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	1	1.00							1	1	1.00			
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			

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

Station Inventory for Station: CANY0002

NPS Station ID: CANY0002
 Location: C25399
 Station Type: /TYPA/AMBNT/SPRING
 RMI-Indexes:
 RMI-Miles:
 HUC: 14030005
 Major Basin: COLORADO RIVER
 Minor Basin: UPPER COLORADO RIVER
 RF1 Index: 14030005
 RF3 Index: 14070004002901.17

LAT/LON: 37.901392/-109.516116

Depth of Water: 0
 Elevation: 0

RF1 Mile Point: 0.000
 RF3 Mile Point: 2.36

Agency: 11NPSWRD
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): CANY_NURE_18 /1085433
 Within Park Boundary: No

Date Created: 01/30/99

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.80
 Distance from RF3: 0.11

On/Off RF1:
 On/Off RF3:

Description:
 THE STATION IS LOCATED ON THE SHAY MOUNTAIN UTAH 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT A SPRING AND IS OUTSIDE OF THE CANYONLANDS NATIONAL PARK. EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO ONE WITH REAGENT-GRADE NITRIC ACID. 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 STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "LASLID" ENTRY (LOS ALAMOS SCIENTIFIC LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY LISA DUMMER; NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: CANY0002

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/30/78-05/30/78	1	900.	900.	900.	900.	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	05/30/78-05/30/78	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	05/30/78-05/30/78	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/30/78-05/30/78	1	0.158	0.158	0.158	0.158	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS CA)	05/30/78-05/30/78	1	156.	156.	156.	156.	0.	0.	**	**	**	**
01030 CHROMIUM, DISSOLVED (UG/L AS CR)	05/30/78-05/30/78	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01035 COBALT, DISSOLVED (UG/L AS CO)	05/30/78-05/30/78	1	77.	77.	77.	77.	0.	0.	**	**	**	**
01040 COPPER, DISSOLVED (UG/L AS CU)	05/30/78-05/30/78	1	17.	17.	17.	17.	0.	0.	**	**	**	**
01046 IRON, DISSOLVED (UG/L AS FE)	05/30/78-05/30/78	1	66.	66.	66.	66.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0002

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
							Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	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			
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			

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

Station Inventory for Station: CANY0003

NPS Station ID: CANY0003
 Location: INDIAN CREEK AT SHAY RIDGE ROAD CROSSING (MIDDLE)
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 14030005
 Major Basin:
 Minor Basin:
 RF1 Index:
 RF3 Index: 14030005000509.42
 Description:

LAT/LON: 37.902500/-109.532667

Depth of Water: 0

Elevation: 0

RF1 Mile Point: 0.000

RF3 Mile Point: 15.47

Agency: 21UTAH
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): 495580
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.20
 Distance from RF3: 0.01

On/Off RF1:

On/Off RF3:

Parameter Inventory for Station: CANY0003

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/17/86-09/17/86	1	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/17/86-09/17/86	1	280.	280.	280.	280.	0.	0.	**	**	**	**
00191 HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	09/17/86-09/17/86	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	09/17/86-09/17/86	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	09/17/86-09/17/86	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/17/86-09/17/86	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00405 CARBON DIOXIDE (MG/L AS CO2)	09/17/86-09/17/86	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	09/17/86-09/17/86	1	127.	127.	127.	127.	0.	0.	**	**	**	**
00440 BICARBONATE ION (MG/L AS HCO3)	09/17/86-09/17/86	1	156.	156.	156.	156.	0.	0.	**	**	**	**
00445 CARBONATE ION (MG/L AS CO3)	09/17/86-09/17/86	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/17/86-09/17/86	1	82.	82.	82.	82.	0.	0.	**	**	**	**
00615 NITRITE NITROGEN, TOTAL (MG/L AS N)	09/17/86-09/17/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	09/17/86-09/17/86	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	09/17/86-09/17/86	1	142.	142.	142.	142.	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	09/17/86-09/17/86	1	46.	46.	46.	46.	0.	0.	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	09/17/86-09/17/86	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	09/17/86-09/17/86	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	09/17/86-09/17/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	09/17/86-09/17/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00946 SULFATE, DISSOLVED (MG/L AS SO4)	09/17/86-09/17/86	1	21.	21.	21.	21.	0.	0.	**	**	**	**
01167 SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	09/17/86-09/17/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/17/86-09/17/86	1	172.	172.	172.	172.	0.	0.	**	**	**	**
82702 ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/17/86-09/17/86	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
82703 BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	09/17/86-09/17/86	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
82705 CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/17/86-09/17/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
82706 CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/17/86-09/17/86	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82708 COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/17/86-09/17/86	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
82710 IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	09/17/86-09/17/86	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
82711 LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/17/86-09/17/86	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82712 MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/17/86-09/17/86	1	20.	20.	20.	20.	0.	0.	**	**	**	**
82713 MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/17/86-09/17/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
82716 SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/17/86-09/17/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
82719 ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/17/86-09/17/86	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: CANY0003

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	50.	1	0	0.00	1	0	0.00									
00400	PH	9.	1	0	0.00	1	0	0.00									
	Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00615	NITRITE NITROGEN, TOTAL AS N	1.	1	0	0.00	1	0	0.00									
00620	NITRATE NITROGEN, TOTAL AS N	10.	1	0	0.00	1	0	0.00									
00941	CHLORIDE, DISSOLVED IN WATER	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)	250.	1	0	0.00	1	0	0.00									
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE	20.	1	0	0.00	1	0	0.00									
	Drinking Water	50.	1	0	0.00	1	0	0.00									
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATE	360.	1	0	0.00	1	0	0.00									
	Drinking Water	50.	1	0	0.00	1	0	0.00									
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER	2.	1	0	0.00	1	0	0.00									
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATE	3.9	1	0	0.00	1	0	0.00									
	Drinking Water	5.	1	0	0.00	1	0	0.00									
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WAT	100.	1	0	0.00	1	0	0.00									
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER	18.	1	0	0.00	1	0	0.00									
	Drinking Water	1300.	1	0	0.00	1	0	0.00									
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER	82.	1	0	0.00	1	0	0.00									
	Drinking Water	15.	1	0	0.00	1	0	0.00									
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATE	2.4	1	0	0.00	1	0	0.00									
	Drinking Water	2.	1	0	0.00	1	0	0.00									
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER	4.1	1	0	0.00	1	0	0.00									
	Drinking Water	100.	1	0	0.00	1	0	0.00									
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER	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: CANY0004

NPS Station ID: CANY0004
Location: C25507
Station Type: /TYPA/AMBNT/STREAM
RMI-Indexes:
RMI-Miles:
HUC: 14030005
Major Basin: COLORADO RIVER
Minor Basin: UPPER COLORADO RIVER
RF1 Index: 14030005
RF3 Index: 14070004002901.17

LAT/LON: 37.905809/-109.638116

Depth of Water: 0
Elevation: 0

RF1 Mile Point: 0.000
RF3 Mile Point: 2.36

Agency: 11NPSWRD
FIPS State/County: 49037 UTAH/SAN JUAN
STORET Station ID(s): CANY_NURE_17/1085445
Within Park Boundary: No

Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.80
Distance from RF3: 0.11

On/Off RF1:
On/Off RF3:

DESCRIPTION:
THE STATION IS LOCATED ON THE CATHEDRAL BUTTE UTAH 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT A STREAM AND IS OUTSIDE OF THE CANYONLANDS NATIONAL PARK. EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO ONE WITH REAGENT-GRADE NITRIC ACID. 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 STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "LASLID" ENTRY (LOS ALAMOS SCIENTIFIC LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY LISA DUMMER; NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: CANY0004

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/30/78-05/30/78	1	22.	22.	22.	22.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/30/78-05/30/78	1	550.	550.	550.	550.	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	05/30/78-05/30/78	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	05/30/78-05/30/78	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/30/78-05/30/78	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS CA)	05/30/78-05/30/78	1	36.	36.	36.	36.	0.	0.	**	**	**	**
01030 CHROMIUM, DISSOLVED (UG/L AS CR)	05/30/78-05/30/78	1	100.	100.	100.	100.	0.	0.	**	**	**	**
01035 COBALT, DISSOLVED (UG/L AS CO)	05/30/78-05/30/78	1	68.	68.	68.	68.	0.	0.	**	**	**	**
01040 COPPER, DISSOLVED (UG/L AS CU)	05/30/78-05/30/78	1	26.	26.	26.	26.	0.	0.	**	**	**	**
01046 IRON, DISSOLVED (UG/L AS FE)	05/30/78-05/30/78	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

EPA Water Quality Criteria Analysis for Station: CANY0004

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
							Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	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			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	1	1.00							1	1	1.00			
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			

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

Station Inventory for Station: CANY0005

NPS Station ID: CANY0005 LAT/LON: 37.923892/-109.640281

Location: CONFLUENCE NORTH COTTONWOOD AND HOP CREEKS

Station Type: /TYPA/AMBNT/STREAM

RMI-Indexes:

RMI-Miles:

HUC: 14030005

Major Basin: COLORADO RIVER

Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER

RF1 Index: 14030005004

RF3 Index: 14070001010500.00

Description:

ESTABLISHED ON 06/02/80 FOR MONITORING BASELINE DATA FOR FUTURE URANIUM EXPLORATION IN THE AREA. LOCATED 7950 FEET SOUTH 1300 FEET EAST FROM NW1/4 NW1/4 SEC 5 T35S R21E SLB/M. ELEVATION IS 6160 FEET. GRAB SAMPLES ARE TAKEN AT THE FIRST OF EACH MONTH FOR SEVEN MONTHS STARTING IN MAY.

ANALYSIS IS MADE WITH HACH KIT, MILLIPORE, STANDARD OR EPA METHODS, DEPENDING UPON THE CONSTITUENT. STANDARD AND EPA METHOD ANALYSIS ARE COMPLETED BY A CERTIFIED LAB. FOR MORE INFORMATION, CALL FOREST HYDROLOGIST, MANTI-LASAL NATIONAL FOREST, 801-637-2817.

Agency: 113FORS4

FIPS State/County: 49037 UTAH/SAN JUAN

STORET Station ID(s): 100501051451

Within Park Boundary: No

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 0.00

Distance from RF3: 0.00

Date Created: 06/20/81

On/Off RF1: OFF

On/Off RF3:

Parameter Inventory for Station: CANY0005

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011 TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/02/80-10/15/80	6	62.	60.833	74.	46.	80.167	8.954	**	**	**	**
00300 OXYGEN, DISSOLVED (MG/L)	06/02/80-10/15/80	6	9.	8.667	10.	7.	1.067	1.033	**	**	**	**
00400 PH (STANDARD UNITS)	06/29/80-10/15/80	4	7.9	8.275	9.5	7.8	0.676	0.822	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	06/29/80-10/15/80	4	7.889	7.979	9.5	7.8	0.793	0.89	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/29/80-10/15/80	4	0.013	0.011	0.016	0.	0.	0.007	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	06/02/80-10/15/80	6	205.	202.333	257.	137.	1572.667	39.657	**	**	**	**
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/02/80-10/15/80	6	8.5	11.5	30.	1.	142.7	11.946	**	**	**	**
00550 OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	06/02/80-10/15/80	3	1.4	2.47	6.	0.01	9.829	3.135	**	**	**	**
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	06/02/80-10/15/80	6	0.015	0.018	0.03	0.01	0.	0.01	**	**	**	**
00660 PHOSPHATE, ORTHO (MG/L AS PO4)	06/02/80-10/15/80	6	0.035	0.059	0.16	0.001	0.004	0.06	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	06/02/80-10/15/80	6	205.	196.5	239.	137.	1358.3	36.855	**	**	**	**
00946 SULFATE, DISSOLVED (MG/L AS SO4)	06/02/80-06/02/80	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	06/02/80-08/26/80	2	0.145	0.145	0.16	0.13	0.	0.021	**	**	**	**
01000 ARSENIC, DISSOLVED (UG/L AS AS)	06/02/80-06/02/80	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01005 BARIUM, DISSOLVED (UG/L AS BA)	08/26/80-08/26/80	1	850.	850.	850.	850.	0.	0.	**	**	**	**
01025 CADMIUM, DISSOLVED (UG/L AS CD)	06/02/80-06/02/80	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01032 CHROMIUM, HEXAVALENT (UG/L AS CR)	06/02/80-06/02/80	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01046 IRON, DISSOLVED (UG/L AS FE)	06/02/80-08/26/80	2	118.	118.	138.	98.	800.	28.284	**	**	**	**
01049 LEAD, DISSOLVED (UG/L AS PB)	06/02/80-06/02/80	1	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
01056 MANGANESE, DISSOLVED (UG/L AS MN)	06/02/80-08/26/80	2	22.5	22.5	35.	10.	312.5	17.678	**	**	**	**
01145 SELENIUM, DISSOLVED (UG/L AS SE)	06/02/80-08/26/80	2	1.	1.	1.	1.	0.	0.	**	**	**	**
03515 BETA, DISSOLVED GROSS, AS CS-137, PC/L	08/26/80-08/26/80	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
09501 RADIUM 226, TOTAL	08/26/80-08/26/80	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
11501 RADIUM 228, TOTAL	08/26/80-08/26/80	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
22601 URANIUM 238, TOTAL	08/26/80-08/26/80	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/02/80-10/15/80	6	270.	267.5	315.	210.	1477.5	38.438	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0005

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	4.	6	0	0.00	3	0	0.00	1	0	0.00				2	0	0.00
00400	PH																
	Fresh Chronic	9.	4	1	0.25	2	0	0.00	1	0	0.00				1	1	1.00
	Other-Lo Lim.	6.5	4	0	0.00	2	0	0.00	1	0	0.00				1	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	10.	6	0	0.00	3	0	0.00	1	0	0.00				2	0	0.00
00946	SULFATE, DISSOLVED (AS SO4)	250.	1	0	0.00										1	0	0.00
00950	FLUORIDE, DISSOLVED AS F	4.	2	0	0.00	1	0	0.00							1	0	0.00
01000	ARSENIC, DISSOLVED	360.	1	0	0.00										1	0	0.00
	Fresh Acute	50.	1	0	0.00										1	0	0.00
01005	BARIUM, DISSOLVED	2000.	1	0	0.00	1	0	0.00									
01025	CADMIUM, DISSOLVED	3.9	1	0	0.00										1	0	0.00
	Drinking Water	5.	1	0	0.00										1	0	0.00
01032	CHROMIUM, HEXAVALENT	16.	1	0	0.00										1	0	0.00
	Drinking Water	100.	1	0	0.00										1	0	0.00
01049	LEAD, DISSOLVED	82.	1	1	1.00										1	1	1.00
	Drinking Water	15.	1	1	1.00										1	1	1.00
01145	SELENIUM, DISSOLVED	20.	2	0	0.00	1	0	0.00							1	0	0.00
	Fresh Acute	50.	2	0	0.00	1	0	0.00							1	0	0.00
09501	RADIUM 226, TOTAL	5.	1	0	0.00	1	0	0.00									
11501	RADIUM 228, TOTAL	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: CANY0006

NPS Station ID: CANY0006
 Location: RUIN CANYON SPRING
 Station Type: /TYPA/AMBNT/SPRING
 RMI-Indexes:
 RMI-Miles:
 HUC: 14070001
 Major Basin:
 Minor Basin:
 RF1 Index:
 RF3 Index: 14070001044100.00
 Description:

LAT/LON: 37.925000/-109.893833

Depth of Water: 0
 Elevation: 0

RF1 Mile Point: 0.000
 RF3 Mile Point: 0.00

Agency: 21UTAH
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): 495257
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 1.80
 Distance from RF3: 0.03

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: CANY0006

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/12/80-06/12/80	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	08/09/79-06/12/80	2	0.85	0.85	1.5	0.2	0.845	0.919	**	**	**	**
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/09/79-06/12/80	2	0.45	0.45	0.5	0.4	0.005	0.071	**	**	**	**
00094 SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/12/80-06/12/80	1	1050.	1050.	1050.	1050.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/09/79-06/12/80	2	1020.	1020.	1080.	960.	7200.	84.853	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	06/12/80-06/12/80	1	8.8	8.8	8.8	8.8	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	08/09/79-08/09/79	1	8.6	8.6	8.6	8.6	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	08/09/79-08/09/79	1	8.6	8.6	8.6	8.6	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/09/79-08/09/79	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00405 CARBON DIOXIDE (MG/L AS CO2)	08/09/79-06/12/80	2	1.5	1.5	2.	1.	0.5	0.707	**	**	**	**
00406 PH, FIELD, STANDARD UNITS SU	06/12/80-06/12/80	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS	06/12/80-06/12/80	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/12/80-06/12/80	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CACO3)	08/09/79-06/12/80	2	360.5	360.5	367.	354.	84.5	9.192	**	**	**	**
00440 BICARBONATE ION (MG/L AS HCO3)	08/09/79-06/12/80	2	410.	410.	420.	400.	200.	14.142	**	**	**	**
00445 CARBONATE ION (MG/L AS CO3)	08/09/79-06/12/80	2	15.	15.	16.	14.	2.	1.414	**	**	**	**
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/12/80-06/12/80	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00615 NITRITE NITROGEN, TOTAL (MG/L AS N)	08/09/79-06/12/80	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	08/09/79-06/12/80	2	0.525	0.525	0.6	0.45	0.011	0.106	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CACO3)	08/09/79-06/12/80	2	471.	471.	490.	452.	722.	26.87	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS CA)	08/09/79-06/12/80	2	63.5	63.5	68.	59.	40.5	6.364	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	08/09/79-06/12/80	2	76.	76.	78.	74.	8.	2.828	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS NA)	08/09/79-06/12/80	2	43.5	43.5	47.	40.	24.5	4.95	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	08/09/79-06/12/80	2	3.	3.	3.	3.	0.	0.	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	08/09/79-06/12/80	2	63.5	63.5	72.	55.	144.5	12.021	**	**	**	**
00946 SULFATE, DISSOLVED (MG/L AS SO4)	08/09/79-06/12/80	2	121.	121.	128.	114.	98.	9.899	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	08/09/79-06/12/80	2	0.415	0.415	0.42	0.41	0.	0.007	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SI02)	08/09/79-06/12/80	2	11.5	11.5	12.	11.	0.5	0.707	**	**	**	**
01000 ARSENIC, DISSOLVED (UG/L AS AS)	08/09/79-08/09/79	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01005 BARIUM, DISSOLVED (UG/L AS BA)	08/09/79-08/09/79	1	70.	70.	70.	70.	0.	0.	**	**	**	**
01020 BORON, DISSOLVED (UG/L AS B)	08/09/79-06/12/80	2	125.5	125.5	146.	105.	840.5	28.991	**	**	**	**
01025 CADMIUM, DISSOLVED (UG/L AS CD)	08/09/79-08/09/79	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01030 CHROMIUM, DISSOLVED (UG/L AS CR)	08/09/79-08/09/79	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01032 CHROMIUM, HEXAVALENT (UG/L AS CR)	08/09/79-06/12/80	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01040 COPPER, DISSOLVED (UG/L AS CU)	08/09/79-08/09/79	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01046 IRON, DISSOLVED (UG/L AS FE)	08/09/79-08/09/79	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01049 LEAD, DISSOLVED (UG/L AS PB)	08/09/79-08/09/79	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01056 MANGANESE, DISSOLVED (UG/L AS MN)	08/09/79-08/09/79	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**

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

Parameter Inventory for Station: CANY0006

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01065	NICKEL, DISSOLVED (UG/L AS NI)	08/09/79-08/09/79	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	08/09/79-08/09/79	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/09/79-08/09/79	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	08/09/79-08/09/79	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	06/12/80-06/12/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	06/12/80-06/12/80	1	1500.	1500.	1500.	1500.	0.	0.	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	06/12/80-06/12/80	1	3.176	3.176	3.176	3.176	0.	0.	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =		1500.								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	06/12/80-06/12/80	1	40.	40.	40.	40.	0.	0.	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	06/12/80-06/12/80	1	1.602	1.602	1.602	1.602	0.	0.	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =		40.								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/09/79-06/12/80	2	614.	614.	628.	600.	392.	19,799	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/09/79-06/12/80	2 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/12/80-06/12/80	1	1.	1.	1.	1.	0.	0.	**	**	**
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	06/12/80-06/12/80	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/12/80-06/12/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/12/80-06/12/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/12/80-06/12/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	08/09/79-06/12/80	2 ##	0.068	0.068	0.11	0.025	0.004	0.06	**	**	**
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/12/80-06/12/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/12/80-06/12/80	1	10.	10.	10.	10.	0.	0.	**	**	**
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/09/79-06/12/80	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
82715	NICKEL, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/12/80-06/12/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/12/80-06/12/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/12/80-06/12/80	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: CANY0006

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	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.	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								
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
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00	1	0	0.00						1	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00	1	0	0.00						1	0	0.00
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	2	0	0.00	1	0	0.00						1	0	0.00
		Drinking Water	250.	2	0	0.00	1	0	0.00						1	0	0.00
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	2	0	0.00	1	0	0.00						1	0	0.00
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	2	0	0.00	1	0	0.00						1	0	0.00
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00	1	0	0.00								
		Drinking Water	50.	1	0	0.00	1	0	0.00								
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00	1	0	0.00								
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00	1	0	0.00								
		Drinking Water	5.	1	0	0.00	1	0	0.00								
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00	1	0	0.00								
01032	CHROMIUM, HEXAVALENT	Fresh Acute	16.	2	0	0.00	1	0	0.00						1	0	0.00
		Drinking Water	100.	2	0	0.00	1	0	0.00						1	0	0.00
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								

& - 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: CANY0006

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
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									
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									
01167 SELENIUM, ACID SOLUBLE, WATER, WHOLE	Fresh Acute	20.	1	0	0.00										1	0	0.00
	Drinking Water	50.	1	0	0.00										1	0	0.00
31506 COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	1	1	1.00										1	1	1.00
31614 FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	1	0	0.00										1	0	0.00
82702 ARSENIC, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	360.	1	0	0.00										1	0	0.00
	Drinking Water	50.	1	0	0.00										1	0	0.00
82703 BARIUM, FIELD ACIDIFIED, DECANTED, WATER	Drinking Water	2.	1	0	0.00										1	0	0.00
82705 CADMIUM, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	3.9	1	0	0.00										1	0	0.00
	Drinking Water	5.	1	0	0.00										1	0	0.00
82706 CHROMIUM, FIELD ACIDIFIED, DECANTED, WAT	Drinking Water	100.	1	0	0.00										1	0	0.00
82708 COPPER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	18.	1	0	0.00										1	0	0.00
	Drinking Water	1300.	1	0	0.00										1	0	0.00
82711 LEAD, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	82.	1	0	0.00										1	0	0.00
	Drinking Water	15.	1	0	0.00										1	0	0.00
82713 MERCURY, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	2.4	2	0	0.00	1	0	0.00							1	0	0.00
	Drinking Water	2.	2	0	0.00	1	0	0.00							1	0	0.00
82715 NICKEL, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	1400.	1	0	0.00										1	0	0.00
	Drinking Water	100.	1	0	0.00										1	0	0.00
82716 SILVER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	4.1	1	0	0.00										1	0	0.00
	Drinking Water	100.	1	0	0.00										1	0	0.00
82719 ZINC, FIELD ACIDIFIED, DECANTED, WATER	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: CANY0007

NPS Station ID: CANY0007	LAT/LON: 37.930833/-109.637500	Agency: 21UTAH	Date Created: / /
Location: N COTTONWOOD CK AT USFS BOUNDARY		FIPS State/County: 49037 UTAH/SAN JUAN	
Station Type: /TYPA/AMBNT/STREAM		STORET Station ID(s): 495582	
RMI-Indexes:		Within Park Boundary: No	
RMI-Miles:		Aquifer:	
HUC: 14030005	Depth of Water: 0	Water Body Id:	
Major Basin:	Elevation: 0	ECO Region:	
Minor Basin:		Distance from RF1: 0.00	On/Off RF1:
RF1 Index:	RF1 Mile Point: 0.000	Distance from RF3: 0.02	On/Off RF3:
RF3 Index: 14030005000403.23	RF3 Mile Point: 3.26		
Description:			

Parameter Inventory for Station: CANY0007

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/30/78-01/30/78	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	01/30/78-01/30/78	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/20/77-01/30/78	2	156.	156.	300.	12.	41472.	203.647	**	**	**	**
00094 SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/30/78-01/30/78	1	442.	442.	442.	442.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/20/77-01/30/78	2	571.	571.	700.	442.	33282.	182.434	**	**	**	**
00310 BOD, 5 DAY, 20 DEG C MG/L	01/30/78-01/30/78	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	05/20/77-01/30/78	2	8.4	8.4	8.5	8.3	0.02	0.141	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	05/20/77-01/30/78	2	8.389	8.389	8.5	8.3	0.02	0.142	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/20/77-01/30/78	2	0.004	0.004	0.005	0.003	0.	0.001	**	**	**	**
00405 CARBON DIOXIDE (MG/L AS CO2)	05/20/77-01/30/78	4	2.5	2.5	3.	2.	0.333	0.577	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	05/20/77-01/30/78	2	258.5	258.5	307.	210.	4704.5	68.589	**	**	**	**
00440 BICARBONATE ION (MG/L AS HCO3)	05/20/77-01/30/78	2	315.	315.	374.	256.	6962.	83.439	**	**	**	**
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	01/30/78-01/30/78	1	3600.	3600.	3600.	3600.	0.	0.	**	**	**	**
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	05/20/77-01/30/78	2	0.15	0.15	0.2	0.1	0.005	0.071	**	**	**	**
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/30/78-01/30/78	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00680 CARBON, TOTAL ORGANIC (MG/L AS C)	01/30/78-01/30/78	1	94.	94.	94.	94.	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	05/20/77-01/30/78	2	250.	250.	290.	210.	3200.	56.569	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	05/20/77-01/30/78	2	53.	53.	56.	50.	18.	4.243	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	05/20/77-01/30/78	2	28.5	28.5	36.	21.	112.5	10.607	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	05/20/77-01/30/78	2	28.5	28.5	40.	17.	264.5	16.263	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	05/20/77-01/30/78	2	3.	3.	4.	2.	2.	1.414	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	05/20/77-01/30/78	2	9.	9.	13.	5.	32.	5.657	**	**	**	**
00946 SULFATE, DISSOLVED (MG/L AS SO4)	05/20/77-01/30/78	2	55.	55.	72.	38.	578.	24.042	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	05/20/77-01/30/78	2	0.215	0.215	0.28	0.15	0.008	0.092	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SiO2)	05/20/77-01/30/78	2	10.5	10.5	11.	10.	0.5	0.707	**	**	**	**
01020 BORON, DISSOLVED (UG/L AS B)	05/20/77-01/30/78	2	125.	125.	180.	70.	6050.	77.782	**	**	**	**
01167 SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	05/20/77-05/20/77	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
03501 BETA, TOTAL	05/20/77-05/20/77	1	5.	5.	5.	5.	0.	0.	**	**	**	**
31506 COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/30/78-01/30/78	1	23.	23.	23.	23.	0.	0.	**	**	**	**
31506 LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/30/78-01/30/78	1	1.362	1.362	1.362	1.362	0.	0.	**	**	**	**
31506 GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =		23.									
31614 FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/30/78-01/30/78	1	460.	460.	460.	460.	0.	0.	**	**	**	**
31614 LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/30/78-01/30/78	1	2.663	2.663	2.663	2.663	0.	0.	**	**	**	**
31614 GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =		460.									
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/20/77-01/30/78	2	329.	329.	396.	262.	8978.	94.752	**	**	**	**
70507 PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/20/77-05/20/77	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
82702 ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	01/30/78-01/30/78	1	8.	8.	8.	8.	0.	0.	**	**	**	**
82703 BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	05/20/77-01/30/78	2	0.45	0.45	0.7	0.2	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

Parameter Inventory for Station: CANY0007

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/20/77-01/30/78	2	10.	10.	10.	10.	0.	0.	**	**	**	**
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	01/30/78-01/30/78	1	5.	5.	5.	5.	0.	0.	**	**	**	**
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	05/20/77-01/30/78	2	0.975	0.975	1.65	0.3	0.911	0.955	**	**	**	**
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/20/77-01/30/78	2	862.5	862.5	1700.	25.	1402812.5	1184.404	**	**	**	**
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	01/30/78-01/30/78	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: CANY0007

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	2	1	0.50			1	1	1.00	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			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00			1	0	0.00	1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	2	0	0.00			1	0	0.00	1	0	0.00			
		Drinking Water	250.	2	0	0.00			1	0	0.00	1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	2	0	0.00			1	0	0.00	1	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	2	0	0.00			1	0	0.00	1	0	0.00			
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE	Fresh Acute	20.	1	0	0.00						1	0	0.00			
		Drinking Water	50.	1	0	0.00						1	0	0.00			
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	1	0	0.00			1	0	0.00						
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	1	1	1.00			1	1	1.00						
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	360.	1	0	0.00			1	0	0.00						
		Drinking Water	50.	1	0	0.00			1	0	0.00						
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER	Drinking Water	2.	2	0	0.00			1	0	0.00	1	0	0.00			
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WAT	Drinking Water	100.	2	0	0.00			1	0	0.00	1	0	0.00			
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	18.	1	0	0.00			1	0	0.00						
		Drinking Water	1300.	1	0	0.00			1	0	0.00						
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER	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: CANY0008

NPS Station ID: CANY0008
Location: C25472
Station Type: /TYPA/AMBNT/SPRING
RMI-Indexes:
RMI-Miles:
HUC: 14030005
Major Basin: COLORADO RIVER
Minor Basin: UPPER COLORADO RIVER
RF1 Index: 14030005
RF3 Index: 14070004002901.17
Description:
THE STATION IS LOCATED ON THE SHAY MOUNTAIN UTAH 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT A SPRING AND IS OUTSIDE OF THE CANYONLANDS NATIONAL PARK. EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO ONE WITH REAGENT-GRADE NITRIC ACID. 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 STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "LASLID" ENTRY (LOS ALAMOS SCIENTIFIC LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY LISA DUMMER; NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

LAT/LON: 37.936698/-109.559198

Depth of Water: 0
Elevation: 0

RF1 Mile Point: 0.000
RF3 Mile Point: 2.36

Agency: 11NPSWRD
FIPS State/County: 49037 UTAH/SAN JUAN
STORET Station ID(s): CANY_NURE_20 /1085442
Within Park Boundary: No

Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.80
Distance from RF3: 0.11

Date Created: 01/30/99

On/Off RF1:
On/Off RF3:

Parameter Inventory for Station: CANY0008

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/30/78-05/30/78	1	16.5	16.5	16.5	16.5	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/30/78-05/30/78	1	500.	500.	500.	500.	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	05/30/78-05/30/78	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	05/30/78-05/30/78	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/30/78-05/30/78	1	0.079	0.079	0.079	0.079	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS CA)	05/30/78-05/30/78	1	47.2	47.2	47.2	47.2	0.	0.	**	**	**	**
01030 CHROMIUM, DISSOLVED (UG/L AS CR)	05/30/78-05/30/78	1	106.	106.	106.	106.	0.	0.	**	**	**	**
01035 COBALT, DISSOLVED (UG/L AS CO)	05/30/78-05/30/78	1 ##	27.5	27.5	27.5	27.5	0.	0.	**	**	**	**
01040 COPPER, DISSOLVED (UG/L AS CU)	05/30/78-05/30/78	1	26.	26.	26.	26.	0.	0.	**	**	**	**
01046 IRON, DISSOLVED (UG/L AS FE)	05/30/78-05/30/78	1	396.	396.	396.	396.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0008

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
							Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	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			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	1	1.00							1	1	1.00			
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			

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

Station Inventory for Station: CANY0009

NPS Station ID: CANY0009
 Location: C25547
 Station Type: /TYPA/AMBNT/SPRING
 RMI-Indexes:
 RMI-Miles:
 HUC: 14070001
 Major Basin: COLORADO RIVER
 Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER
 RF1 Index: 14070001
 RF3 Index: 14070004002901.17
 Description:

LAT/LON: 37.948616/-109.893115

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 2.36

Agency: 11NPSWRD
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): GLCA_NURE_01 /1085452
 Within Park Boundary: No

Date Created: 01/30/99

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.80
 Distance from RF3: 0.11

On/Off RF1:
 On/Off RF3:

THE STATION IS LOCATED ON THE FABLE VALLEY UTAH 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT A SPRING AND IS OUTSIDE OF THE GLEN CANYON NATIONAL RECREATION AREA. EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO ONE WITH REAGENT-GRADE NITRIC ACID. 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 STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "LASLID" ENTRY (LOS ALAMOS SCIENTIFIC LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY LISA DUMMER; NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: CANY0009

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/01/78-06/01/78	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/01/78-06/01/78	1	730.	730.	730.	730.	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	06/01/78-06/01/78	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	06/01/78-06/01/78	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/01/78-06/01/78	1	0.079	0.079	0.079	0.079	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS CA)	06/01/78-06/01/78	1	26.2	26.2	26.2	26.2	0.	0.	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	06/01/78-06/01/78	1	14.9	14.9	14.9	14.9	0.	0.	**	**	**	**
01030 CHROMIUM, DISSOLVED (UG/L AS CR)	06/01/78-06/01/78	1	173.	173.	173.	173.	0.	0.	**	**	**	**
01035 COBALT, DISSOLVED (UG/L AS CO)	06/01/78-06/01/78	1	62.	62.	62.	62.	0.	0.	**	**	**	**
01040 COPPER, DISSOLVED (UG/L AS CU)	06/01/78-06/01/78	1	32.	32.	32.	32.	0.	0.	**	**	**	**
01046 IRON, DISSOLVED (UG/L AS FE)	06/01/78-06/01/78	1	101.	101.	101.	101.	0.	0.	**	**	**	**
01049 LEAD, DISSOLVED (UG/L AS PB)	06/01/78-06/01/78	1	323.	323.	323.	323.	0.	0.	**	**	**	**
01056 MANGANESE, DISSOLVED (UG/L AS MN)	06/01/78-06/01/78	1	36.	36.	36.	36.	0.	0.	**	**	**	**
01060 MOLYBDENUM, DISSOLVED (UG/L AS MO)	06/01/78-06/01/78	1##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01065 NICKEL, DISSOLVED (UG/L AS NI)	06/01/78-06/01/78	1	459.	459.	459.	459.	0.	0.	**	**	**	**
01090 ZINC, DISSOLVED (UG/L AS ZN)	06/01/78-06/01/78	1	260.	260.	260.	260.	0.	0.	**	**	**	**
01150 TITANIUM, DISSOLVED (UG/L AS TI)	06/01/78-06/01/78	1	47.	47.	47.	47.	0.	0.	**	**	**	**
22703 URANIUM, NATURAL, DISSOLVED	06/01/78-06/01/78	1	1.03	1.03	1.03	1.03	0.	0.	**	**	**	**

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EPA Water Quality Criteria Analysis for Station: CANY0009

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	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
	Drinking Water	100.	1	1	1.00										1	1	1.00
01030 CHROMIUM, DISSOLVED	Fresh Acute	18.	1	1	1.00										1	1	1.00
	Drinking Water	1300.	1	0	0.00										1	0	0.00
	Fresh Acute	82.	1	1	1.00										1	1	1.00
01049 LEAD, DISSOLVED	Drinking Water	15.	1	1	1.00										1	1	1.00
	Fresh Acute	1400.	1	0	0.00										1	0	0.00
	Drinking Water	100.	1	1	1.00										1	1	1.00
01065 NICKEL, DISSOLVED	Fresh Acute	120.	1	1	1.00										1	1	1.00
	Drinking Water	5000.	1	0	0.00										1	0	0.00
	Drinking Water	20.	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
	Drinking Water	20.	1	0	0.00										1	0	0.00
22703 URANIUM, NATURAL DISSOLVED	Fresh Chronic	9.	1	0	0.00										1	0	0.00
	Other-Lo Lim.	6.5	1	0	0.00										1	0	0.00
	Drinking Water	100.	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: CANY0010

NPS Station ID: CANY0010
 Location: RUIN CANYON AT MOUTH
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 14070001
 Major Basin:
 Minor Basin:
 RF1 Index:
 RF3 Index: 14070001044300.00
 Description:

LAT/LON: 37.949333/-109.897500

Depth of Water: 0
 Elevation: 0

RF1 Mile Point: 0.000
 RF3 Mile Point: 0.09

Agency: 21UTAH
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): 495256
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.00

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: CANY0010

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/12/80-06/12/80	1	13.	13.	13.	13.	0.	0.	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	06/12/80-06/15/82	2	0.95	0.95	1.5	0.4	0.605	0.778	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/12/80-06/15/82	2	0.6	0.6	0.9	0.3	0.18	0.424	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/12/80-06/12/80	1	890.	890.	890.	890.	0.	0.	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/12/80-06/15/82	2	887.5	887.5	895.	880.	112.5	10.607	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/12/80-06/12/80	1	9.	9.	9.	9.	0.	0.	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	06/12/80-06/12/80	1	1.	1.	1.	1.	0.	0.	**	**	**
00335	COD, .025N K2CR2O7 MG/L	06/12/80-06/15/82	2	21.5	21.5	25.	18.	24.5	4.95	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	06/12/80-06/15/82	2	3.5	3.5	5.	2.	4.5	2.121	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	06/12/80-06/12/80	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/12/80-06/12/80	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/12/80-06/12/80	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	06/12/80-06/15/82	2	334.	334.	353.	315.	722.	26.87	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	06/12/80-06/15/82	2	399.	399.	430.	368.	1922.	43.841	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	06/12/80-06/12/80	1	8.	8.	8.	8.	0.	0.	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/12/80-06/15/82	2	0.	0.	0.	0.	0.	0.	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/12/80-06/15/82	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	06/12/80-06/12/80	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/12/80-06/12/80	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/12/80-06/15/82	2	0.45	0.45	0.5	0.4	0.005	0.071	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/12/80-06/15/82	2	0.085	0.085	0.1	0.07	0.	0.021	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/12/80-06/15/82	2 ##	0.018	0.018	0.025	0.01	0.	0.011	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/12/80-06/15/82	2	5.85	5.85	6.3	5.4	0.405	0.636	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	06/12/80-06/15/82	2	428.	428.	444.	412.	512.	22.627	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	06/12/80-06/15/82	2	65.	65.	69.	61.	32.	5.657	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS Mg)	06/12/80-06/15/82	2	64.5	64.5	66.	63.	4.5	2.121	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS Na)	06/12/80-06/15/82	2	32.	32.	33.	31.	2.	1.414	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/12/80-06/15/82	2	3.	3.	3.	3.	0.	0.	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/12/80-06/15/82	2	44.	44.	45.	43.	2.	1.414	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/12/80-06/15/82	2	107.	107.	109.	105.	8.	2.828	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/12/80-06/12/80	1	0.36	0.36	0.36	0.36	0.	0.	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SiO2)	06/12/80-06/12/80	1	9.	9.	9.	9.	0.	0.	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	06/12/80-06/12/80	1	113.	113.	113.	113.	0.	0.	**	**	**
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	06/12/80-06/12/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	06/15/82-06/15/82	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	06/12/80-06/12/80	1	750.	750.	750.	750.	0.	0.	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	06/12/80-06/12/80	1	2.875	2.875	2.875	2.875	0.	0.	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			750.							

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

Parameter Inventory for Station: CANY0010

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	06/12/80-06/12/80	1	40.	40.	40.	40.	0.	0.	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	06/12/80-06/12/80	1	1.602	1.602	1.602	1.602	0.	0.	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =		40.								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/12/80-06/15/82	2	532.	532.	550.	514.	648.	25.456	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/12/80-06/12/80	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/12/80-06/15/82	2	2.15	2.15	3.	1.3	1.445	1.202	**	**	**
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	06/12/80-06/15/82	2 ##	0.785	0.785	1.5	0.07	1.022	1.011	**	**	**
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/15/82-06/15/82	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/15/82-06/15/82	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/15/82-06/15/82	1 ##	5.	5.	5.	5.	0.	0.	**	**	**
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	06/15/82-06/15/82	1	0.21	0.21	0.21	0.21	0.	0.	**	**	**
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/15/82-06/15/82	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/15/82-06/15/82	1	30.	30.	30.	30.	0.	0.	**	**	**
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/15/82-06/15/82	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
82715	NICKEL, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/15/82-06/15/82	1 ##	5.	5.	5.	5.	0.	0.	**	**	**
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/15/82-06/15/82	1 ##	1.	1.	1.	1.	0.	0.	**	**	**
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/15/82-06/15/82	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

EPA Water Quality Criteria Analysis for Station: CANY0010

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
			Obs			Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	2	0	0.00									2	0	0.00
00300	OXYGEN, DISSOLVED	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
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	0	0.00									1	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00									1	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00									2	0	0.00
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	2	0	0.00									2	0	0.00
		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
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00									1	0	0.00
01032	CHROMIUM, HEXAVALENT	Fresh Acute	16.	1	0	0.00									1	0	0.00
		Drinking Water	100.	1	0	0.00									1	0	0.00
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE	Fresh Acute	20.	1	0	0.00									1	0	0.00
		Drinking Water	50.	1	0	0.00									1	0	0.00
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	1	0	0.00									1	0	0.00
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	1	0	0.00									1	0	0.00
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	360.	2	0	0.00									2	0	0.00
		Drinking Water	50.	2	0	0.00									2	0	0.00
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER	Drinking Water	2.	2	0	0.00									2	0	0.00
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	3.9	1	0	0.00									1	0	0.00
		Drinking Water	5.	1	0	0.00									1	0	0.00
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WAT	Drinking Water	100.	1	0	0.00									1	0	0.00
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	18.	1	0	0.00									1	0	0.00
		Drinking Water	1300.	1	0	0.00									1	0	0.00
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	82.	1	0	0.00									1	0	0.00
		Drinking Water	15.	1	0	0.00									1	0	0.00
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	2.4	1	0	0.00									1	0	0.00
		Drinking Water	2.	1	0	0.00									1	0	0.00
82715	NICKEL, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	1400.	1	0	0.00									1	0	0.00
		Drinking Water	100.	1	0	0.00									1	0	0.00
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	4.1	1	0	0.00									1	0	0.00
		Drinking Water	100.	1	0	0.00									1	0	0.00
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER	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: CANY0011

NPS Station ID: CANY0011
 Location: SOUTH SPRING
 Station Type: /TYP/AMBNT/SPRING
 RMI-Indexes:
 RMI-Miles:
 HUC: 14070001
 Major Basin: COLORADO RIVER
 Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER
 RF1 Index: 14070001
 RF3 Index: 14070004002901.17
 Description:

LAT/LON: 37.949304/-109.948924

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 2.36

Agency: 11NPSWRD
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): GLCA_NPS_48
 Within Park Boundary: No

Date Created: 08/02/99

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.80
 Distance from RF3: 0.11

On/Off RF1:
 On/Off RF3:

THE STATION IS LOCATED ON THE FABLE VALLEY UTAH 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT SOUTH SPRING OUTSIDE THE GLEN CANYON NATIONAL RECREATION AREA. THE DATA ARE FROM THE REPORT "GROUND WATER RESOURCES IN THE PART OF CANYONLANDS NATIONAL PARK EAST OF THE COLORADO RIVER AND CONTIGUOUS BUREAU OF LAND MANAGEMENT LANDS; UTAH" BY H.R. RICHTER, JR. (APRIL 1980). THE PURPOSE OF THE REPORT IS "TO (1) DESCRIBE THE OCCURRENCE AND CIRCULATION OF GROUND WATER AND (2) IDENTIFY POTENTIALLY DEVELOPABLE GROUND WATER SUPPLIES." FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT GLEN CANYON NATIONAL RECREATION AREA; P.O. BOX 1507; PAGE AZ 86040 (TEL. 520-608-6200). DATA WERE PROCESSED AND UPLOADED TO STORET BY LISA DUMMER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: CANY0011

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/16/78-06/16/78	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00058 FLOW, RATE GALLONS/MIN	06/16/78-06/16/78	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/16/78-06/16/78	1	639.	639.	639.	639.	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	06/16/78-06/16/78	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	06/16/78-06/16/78	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/16/78-06/16/78	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
00440 BICARBONATE ION (MG/L AS HCO3)	06/16/78-06/16/78	1	280.	280.	280.	280.	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	06/16/78-06/16/78	1	300.	300.	300.	300.	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	06/16/78-06/16/78	1	47.	47.	47.	47.	0.	0.	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	06/16/78-06/16/78	1	45.	45.	45.	45.	0.	0.	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	06/16/78-06/16/78	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	06/16/78-06/16/78	1	1.9	1.9	1.9	1.9	0.	0.	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	06/16/78-06/16/78	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00946 SULFATE, DISSOLVED (MG/L AS SO4)	06/16/78-06/16/78	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	06/16/78-06/16/78	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SiO2)	06/16/78-06/16/78	1	9.8	9.8	9.8	9.8	0.	0.	**	**	**	**
01020 BORON, DISSOLVED (UG/L AS B)	06/16/78-06/16/78	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
70300 RESIDUE, TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/16/78-06/16/78	1	340.	340.	340.	340.	0.	0.	**	**	**	**
71851 NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/16/78-06/16/78	1	2.1	2.1	2.1	2.1	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0011

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
							Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	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
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
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: CANY0012

NPS Station ID: CANY0012
 Location: BEEF BASIN SPRING
 Station Type: /TYPA/AMBNT/SPRING
 RMI-Indexes:
 RMI-Miles:
 HUC: 14070001
 Major Basin:
 Minor Basin:
 RF1 Index:
 RF3 Index: 14070001044400.97
 Description:

LAT/LON: 37.957167/-109.891000

Depth of Water: 0
 Elevation: 0

RF1 Mile Point: 0.000
 RF3 Mile Point: 3.73

Agency: 21UTAH
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): 495260
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.00

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: CANY0012

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/12/80-06/12/80	1	16.	16.	16.	16.	0.	0.	**	**	**
00058	FLOW, RATE GALLONS/MIN	08/09/79-06/12/80	2	0.1	0.1	0.1	0.1	0.	0.	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/09/79-06/12/80	2 ##	0.2	0.2	0.3	0.1	0.02	0.141	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/12/80-06/12/80	1	1300.	1300.	1300.	1300.	0.	0.	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/09/79-06/12/80	2	1200.	1200.	1310.	1090.	24200.	155.563	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/12/80-06/12/80	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**
00400	PH (STANDARD UNITS)	08/09/79-08/09/79	1	8.8	8.8	8.8	8.8	0.	0.	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/09/79-08/09/79	1	8.8	8.8	8.8	8.8	0.	0.	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/09/79-08/09/79	1	0.002	0.002	0.002	0.002	0.	0.	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/09/79-06/12/80	2	1.	1.	1.	1.	0.	0.	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	06/12/80-06/12/80	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/12/80-06/12/80	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/12/80-06/12/80	1	0.013	0.013	0.013	0.013	0.	0.	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/09/79-06/12/80	2	288.5	288.5	303.	274.	420.5	20.506	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/09/79-06/12/80	2	324.	324.	342.	306.	648.	25.456	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/09/79-06/12/80	2	14.	14.	14.	14.	0.	0.	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/12/80-06/12/80	1	0.	0.	0.	0.	0.	0.	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/09/79-06/12/80	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/09/79-06/12/80	2	1.31	1.31	1.6	1.02	0.168	0.41	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	08/09/79-06/12/80	2	495.	495.	520.	470.	1250.	35.355	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	08/09/79-06/12/80	2	82.	82.	88.	76.	72.	8.485	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS Mg)	08/09/79-06/12/80	2	70.5	70.5	73.	68.	12.5	3.536	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS Na)	08/09/79-06/12/80	2	70.5	70.5	83.	58.	312.5	17.678	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/09/79-06/12/80	2	2.	2.	2.	2.	0.	0.	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/09/79-06/12/80	2	113.	113.	120.	106.	98.	9.899	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/09/79-06/12/80	2	194.	194.	210.	178.	512.	22.627	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/09/79-06/12/80	2	0.2	0.2	0.22	0.18	0.001	0.028	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SiO2)	08/09/79-06/12/80	2	14.5	14.5	15.	14.	0.5	0.707	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/09/79-08/09/79	1	1.	1.	1.	1.	0.	0.	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS Ba)	08/09/79-08/09/79	1 ##	25.	25.	25.	25.	0.	0.	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/09/79-06/12/80	2	119.5	119.5	159.	80.	3120.5	55.861	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS Cd)	08/09/79-08/09/79	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS Cr)	08/09/79-08/09/79	1 ##	10.	10.	10.	10.	0.	0.	**	**	**
01032	CHROMIUM, HEXAVALENT (UG/L AS Cr)	08/09/79-06/12/80	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
01040	COPPER, DISSOLVED (UG/L AS Cu)	08/09/79-08/09/79	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
01046	IRON, DISSOLVED (UG/L AS Fe)	08/09/79-08/09/79	1 ##	5.	5.	5.	5.	0.	0.	**	**	**
01049	LEAD, DISSOLVED (UG/L AS Pb)	08/09/79-08/09/79	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS Mn)	08/09/79-08/09/79	1	10.	10.	10.	10.	0.	0.	**	**	**

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

Parameter Inventory for Station: CANY0012

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01065 NICKEL, DISSOLVED (UG/L AS NI)	08/09/79-08/09/79	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01075 SILVER, DISSOLVED (UG/L AS AG)	08/09/79-08/09/79	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01090 ZINC, DISSOLVED (UG/L AS ZN)	08/09/79-08/09/79	1	210.	210.	210.	210.	0.	0.	**	**	**	**
01145 SELENIUM, DISSOLVED (UG/L AS SE)	08/09/79-08/09/79	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01167 SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	06/12/80-06/12/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31506 COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	06/12/80-06/12/80	1 ##	11.5	11.5	11.5	11.5	0.	0.	**	**	**	**
31506 LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	06/12/80-06/12/80	1 ##	1.061	1.061	1.061	1.061	0.	0.	**	**	**	**
31506 GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			11.5								
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/09/79-06/12/80	2	736.	736.	784.	688.	4608.	67.882	**	**	**	**
70507 PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/09/79-06/12/80	2 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
82702 ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/12/80-06/12/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
82703 BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	06/12/80-06/12/80	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
82705 CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/12/80-06/12/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
82706 CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/12/80-06/12/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82708 COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/12/80-06/12/80	1	22.	22.	22.	22.	0.	0.	**	**	**	**
82710 IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	08/09/79-06/12/80	2 ##	0.148	0.148	0.27	0.025	0.03	0.173	**	**	**	**
82711 LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/12/80-06/12/80	1	9.	9.	9.	9.	0.	0.	**	**	**	**
82712 MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/12/80-06/12/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
82713 MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/09/79-06/12/80	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
82715 NICKEL, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/12/80-06/12/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
82716 SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/12/80-06/12/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
82719 ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/12/80-06/12/80	1	143.	143.	143.	143.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0012

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	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.	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									
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
00615 NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00	1	0	0.00							1	0	0.00
00620 NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00	1	0	0.00							1	0	0.00
00941 CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	2	0	0.00	1	0	0.00							1	0	0.00
	Drinking Water	250.	2	0	0.00	1	0	0.00							1	0	0.00
00946 SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	2	0	0.00	1	0	0.00							1	0	0.00
00950 FLUORIDE, DISSOLVED AS F	Drinking Water	4.	2	0	0.00	1	0	0.00							1	0	0.00
01000 ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00	1	0	0.00									
	Drinking Water	50.	1	0	0.00	1	0	0.00									
01005 BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00	1	0	0.00									
01025 CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00	1	0	0.00									
	Drinking Water	5.	1	0	0.00	1	0	0.00									
01030 CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00	1	0	0.00									
01032 CHROMIUM, HEXAVALENT	Fresh Acute	16.	2	0	0.00	1	0	0.00							1	0	0.00
	Drinking Water	100.	2	0	0.00	1	0	0.00							1	0	0.00
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	1	1.00	1	1	1.00									
	Drinking Water	5000.	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

EPA Water Quality Criteria Analysis for Station: CANY0012

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
01167 SELENIUM, ACID SOLUBLE, WATER, WHOLE	Fresh Acute	20.	1	0	0.00										1	0	0.00
	Drinking Water	50.	1	0	0.00										1	0	0.00
31506 COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	1	0	0.00										1	0	0.00
82702 ARSENIC, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	360.	1	0	0.00										1	0	0.00
	Drinking Water	50.	1	0	0.00										1	0	0.00
82703 BARIUM, FIELD ACIDIFIED, DECANTED, WATER	Drinking Water	2.	1	0	0.00										1	0	0.00
82705 CADMIUM, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	3.9	1	0	0.00										1	0	0.00
	Drinking Water	5.	1	0	0.00										1	0	0.00
82706 CHROMIUM, FIELD ACIDIFIED, DECANTED, WAT	Drinking Water	100.	1	0	0.00										1	0	0.00
82708 COPPER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	18.	1	1	1.00										1	1	1.00
	Drinking Water	1300.	1	0	0.00										1	0	0.00
82711 LEAD, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	82.	1	0	0.00										1	0	0.00
	Drinking Water	15.	1	0	0.00										1	0	0.00
82713 MERCURY, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	2.4	2	0	0.00	1	0	0.00							1	0	0.00
	Drinking Water	2.	2	0	0.00	1	0	0.00							1	0	0.00
82715 NICKEL, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	1400.	1	0	0.00										1	0	0.00
	Drinking Water	100.	1	0	0.00										1	0	0.00
82716 SILVER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	4.1	1	0	0.00										1	0	0.00
	Drinking Water	100.	1	0	0.00										1	0	0.00
82719 ZINC, FIELD ACIDIFIED, DECANTED, WATER	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: CANY0013

NPS Station ID: CANY0013
 Location: STANLEY SPRING
 Station Type: /TYPA/AMBNT/SPRING
 RMI-Indexes:
 RMI-Miles:
 HUC: 14070001
 Major Basin:
 Minor Basin:
 RF1 Index:
 RF3 Index: 14070001044900.21
 Description:

LAT/LON: 37.959333/-109.883833

Depth of Water: 0
 Elevation: 0

RF1 Mile Point: 0.000
 RF3 Mile Point: 0.67

Agency: 21UTAH
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): 495263
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 8.60
 Distance from RF3: 0.30

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: CANY0013

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/09/79-06/12/80	2	14.75	14.75	15.	14.5	0.125	0.354	**	**	**
00058	FLOW, RATE GALLONS/MIN	08/09/79-06/12/80	2	1.	1.	1.	1.	0.	0.	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/09/79-06/12/80	2 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/09/79-06/12/80	2	837.5	837.5	975.	700.	37812.5	194.454	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/09/79-06/12/80	2	860.	860.	990.	730.	33800.	183.848	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/12/80-06/12/80	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**
00400	PH (STANDARD UNITS)	08/09/79-08/09/79	1	8.6	8.6	8.6	8.6	0.	0.	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/09/79-08/09/79	1	8.6	8.6	8.6	8.6	0.	0.	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/09/79-08/09/79	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/09/79-06/12/80	2	1.	1.	1.	1.	0.	0.	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	06/12/80-06/12/80	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/12/80-06/12/80	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/12/80-06/12/80	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/09/79-06/12/80	2	293.	293.	302.	284.	162.	12.728	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/09/79-06/12/80	2	341.	341.	352.	330.	242.	15.556	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/09/79-06/12/80	2	8.	8.	8.	8.	0.	0.	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/12/80-06/12/80	1	0.	0.	0.	0.	0.	0.	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/09/79-08/09/79	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/09/79-06/12/80	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/09/79-06/12/80	2	1.35	1.35	1.45	1.25	0.02	0.141	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/09/79-08/09/79	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/09/79-08/09/79	1	0.15	0.15	0.15	0.15	0.	0.	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/09/79-08/09/79	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/09/79-06/12/80	2	364.	364.	392.	336.	1568.	39.598	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/09/79-06/12/80	2	54.5	54.5	58.	51.	24.5	4.95	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/09/79-06/12/80	2	55.5	55.5	60.	51.	40.5	6.364	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/09/79-06/12/80	2	45.	45.	53.	37.	128.	11.314	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/09/79-06/12/80	2	3.5	3.5	5.	2.	4.5	2.121	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/09/79-06/12/80	2	55.	55.	68.	42.	338.	18.385	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/09/79-06/12/80	2	88.	88.	107.	69.	722.	26.87	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/09/79-06/12/80	2	0.275	0.275	0.28	0.27	0.	0.007	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/09/79-06/12/80	2	12.5	12.5	13.	12.	0.5	0.707	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/09/79-06/12/80	2	141.	141.	182.	100.	3362.	57.983	**	**	**
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	08/09/79-06/12/80	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	08/09/79-06/12/80	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	06/12/80-06/12/80	1	40.	40.	40.	40.	0.	0.	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	06/12/80-06/12/80	1	1.602	1.602	1.602	1.602	0.	0.	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			40.							

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

Parameter Inventory for Station: CANY0013

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	06/12/80-06/12/80	1 ##	11.5	11.5	11.5	11.5	0.	0.	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	06/12/80-06/12/80	1 ##	1.061	1.061	1.061	1.061	0.	0.	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =		11.5								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/09/79-06/12/80	2	487.5	487.5	552.	423.	8320.5	91.217	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/09/79-06/12/80	2 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/09/79-06/12/80	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	08/09/79-06/12/80	2 ##	0.083	0.083	0.14	0.025	0.007	0.081	**	**	**
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/09/79-06/12/80	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/09/79-06/12/80	2 ##	6.25	6.25	10.	2.5	28.125	5.303	**	**	**
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/09/79-06/12/80	2 ##	3.75	3.75	5.	2.5	3.125	1.768	**	**	**
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	08/09/79-06/12/80	2 ##	0.083	0.083	0.14	0.025	0.007	0.081	**	**	**
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/09/79-06/12/80	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/09/79-06/12/80	2	37.5	37.5	70.	5.	2112.5	45.962	**	**	**
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/09/79-06/12/80	2 ##	0.325	0.325	0.6	0.05	0.151	0.389	**	**	**
82715	NICKEL, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/09/79-06/12/80	2 ##	8.75	8.75	12.5	5.	28.125	5.303	**	**	**
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/09/79-06/12/80	2 ##	1.75	1.75	2.5	1.	1.125	1.061	**	**	**
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/09/79-06/12/80	2 ##	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: CANY0013

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	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.	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								
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
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00	1	0	0.00						1	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00	1	0	0.00						1	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00						1	0	0.00
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	2	0	0.00	1	0	0.00						1	0	0.00
		Drinking Water	250.	2	0	0.00	1	0	0.00						1	0	0.00
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	2	0	0.00	1	0	0.00						1	0	0.00
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	2	0	0.00	1	0	0.00						1	0	0.00
01032	CHROMIUM, HEXAVALENT	Fresh Acute	16.	2	0	0.00	1	0	0.00						1	0	0.00
		Drinking Water	100.	2	0	0.00	1	0	0.00						1	0	0.00
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE	Fresh Acute	20.	2	0	0.00	1	0	0.00						1	0	0.00
		Drinking Water	50.	2	0	0.00	1	0	0.00						1	0	0.00
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	1	0	0.00									1	0	0.00
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	1	0	0.00									1	0	0.00
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	360.	2	0	0.00	1	0	0.00						1	0	0.00
		Drinking Water	50.	2	0	0.00	1	0	0.00						1	0	0.00
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER	Drinking Water	2.	2	0	0.00	1	0	0.00						1	0	0.00
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	3.9	2	0	0.00	1	0	0.00						1	0	0.00
		Drinking Water	5.	2	0	0.00	1	0	0.00						1	0	0.00
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WAT	Drinking Water	100.	2	0	0.00	1	0	0.00						1	0	0.00
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	18.	2	0	0.00	1	0	0.00						1	0	0.00
		Drinking Water	1300.	2	0	0.00	1	0	0.00						1	0	0.00
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	82.	2	0	0.00	1	0	0.00						1	0	0.00
		Drinking Water	15.	2	0	0.00	1	0	0.00						1	0	0.00
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	2.4	2	0	0.00	1	0	0.00						1	0	0.00
		Drinking Water	2.	2	0	0.00	1	0	0.00						1	0	0.00
82715	NICKEL, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	1400.	2	0	0.00	1	0	0.00						1	0	0.00
		Drinking Water	100.	2	0	0.00	1	0	0.00						1	0	0.00
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	4.1	2	0	0.00	1	0	0.00						1	0	0.00
		Drinking Water	100.	2	0	0.00	1	0	0.00						1	0	0.00
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	120.	2	0	0.00	1	0	0.00						1	0	0.00
		Drinking Water	5000.	2	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: CANY0014

NPS Station ID: CANY0014
 Location: STANLEY SPRING
 Station Type: /TYPA/AMBNT/SPRING
 RMI-Indexes:

LAT/LON: 37.959809/-109.884281

Agency: 11NPSWRD
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): CANY_NPS_47
 Within Park Boundary: No

Date Created: 08/02/99

RMI-Miles:
 HUC: 14070001
 Major Basin: COLORADO RIVER
 Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER
 RF1 Index: 14070001
 RF3 Index: 14070004002901.17

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 2.36

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.80
 Distance from RF3: 0.11

On/Off RF1:
 On/Off RF3:

Description:
 THE STATION IS LOCATED ON THE FABLE VALLEY UTAH 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT STANLEY SPRING OUTSIDE THE CANYONLANDS NATIONAL PARK. THE DATA ARE FROM THE REPORT "GROUND WATER RESOURCES IN THE PART OF CANYONLANDS NATIONAL PARK EAST OF THE COLORADO RIVER AND CONTIGUOUS BUREAU OF LAND MANAGEMENT LANDS; UTAH" BY H.R. RICHTER, JR. (APRIL 1980). THE PURPOSE OF THE REPORT IS "TO (1) DESCRIBE THE OCCURRENCE AND CIRCULATION OF GROUND WATER AND (2) IDENTIFY POTENTIALLY DEVELOPABLE GROUND WATER SUPPLIES." FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT CANYONLANDS NATIONAL PARK; 2282 S. WEST RESOURCE BLVD.; MOAB UT 84532 (TEL. 801-259-7164). DATA WERE PROCESSED AND UPLOADED TO STORET BY LISA DUMMER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: CANY0014

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/14/78-06/14/78	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00058 FLOW, RATE GALLONS/MIN	06/14/78-06/14/78	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/14/78-06/14/78	1	667.	667.	667.	667.	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	06/14/78-06/14/78	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	06/14/78-06/14/78	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/14/78-06/14/78	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00440 BICARBONATE ION (MG/L AS HCO3)	06/14/78-06/14/78	1	320.	320.	320.	320.	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	06/14/78-06/14/78	1	290.	290.	290.	290.	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	06/14/78-06/14/78	1	45.	45.	45.	45.	0.	0.	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	06/14/78-06/14/78	1	42.	42.	42.	42.	0.	0.	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	06/14/78-06/14/78	1	30.	30.	30.	30.	0.	0.	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	06/14/78-06/14/78	1	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	06/14/78-06/14/78	1	25.	25.	25.	25.	0.	0.	**	**	**	**
00946 SULFATE, DISSOLVED (MG/L AS SO4)	06/14/78-06/14/78	1	50.	50.	50.	50.	0.	0.	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	06/14/78-06/14/78	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SiO2)	06/14/78-06/14/78	1	8.7	8.7	8.7	8.7	0.	0.	**	**	**	**
70300 RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	06/14/78-06/14/78	1	386.	386.	386.	386.	0.	0.	**	**	**	**
71851 NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/14/78-06/14/78	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0014

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
							Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	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
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
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: CANY0015

NPS Station ID: CANY0015
 Location: C25519
 Station Type: /TYPA/AMBNT/SPRING
 RMI-Indexes:
 RMI-Miles:
 HUC: 14070001
 Major Basin: COLORADO RIVER
 Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER
 RF1 Index: 14070001
 RF3 Index: 14070004002901.17
 Description:

LAT/LON: 37.960004/-109.884198

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 2.36

Agency: 11NPSWRD
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): CANY_NURE_26 /1085447
 Within Park Boundary: No

Date Created: 01/30/99

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.80
 Distance from RF3: 0.11

On/Off RF1:
 On/Off RF3:

THE STATION IS LOCATED ON THE FABLE VALLEY UTAH 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT A SPRING AND IS OUTSIDE OF THE CANYONLANDS NATIONAL PARK. EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO ONE WITH REAGENT-GRADE NITRIC ACID. 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 STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "LASLID" ENTRY (LOS ALAMOS SCIENTIFIC LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY LISA DUMMER; NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: CANY0015

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/18/78-06/18/78	1	17.1	17.1	17.1	17.1	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/18/78-06/18/78	1	720.	720.	720.	720.	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	06/18/78-06/18/78	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	06/18/78-06/18/78	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/18/78-06/18/78	1	0.063	0.063	0.063	0.063	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS CA)	06/18/78-06/18/78	1	41.5	41.5	41.5	41.5	0.	0.	**	**	**	**
01030 CHROMIUM, DISSOLVED (UG/L AS CR)	06/18/78-06/18/78	1	132.	132.	132.	132.	0.	0.	**	**	**	**
01035 COBALT, DISSOLVED (UG/L AS CO)	06/18/78-06/18/78	1	78.	78.	78.	78.	0.	0.	**	**	**	**
01040 COPPER, DISSOLVED (UG/L AS CU)	06/18/78-06/18/78	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01046 IRON, DISSOLVED (UG/L AS FE)	06/18/78-06/18/78	1	66.	66.	66.	66.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0015

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
							Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	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
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	1	1.00										1	1	1.00
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

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

Station Inventory for Station: CANY0016

NPS Station ID: CANY0016
 Location: INDIAN CREEK NEAR FOREST SERVICE/BLM BOUNDARY
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 14030005
 Major Basin:
 Minor Basin:
 RF1 Index:
 RF3 Index: 14030005018700.00
 Description:

LAT/LON: 37.960167/-109.518000

Depth of Water: 0
 Elevation: 0

RF1 Mile Point: 0.000
 RF3 Mile Point: 0.58

Agency: 21UTAH
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): 495572
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 8.40
 Distance from RF3: 0.04

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: CANY0016

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/22/87-09/22/87	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	09/22/87-09/22/87	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/22/87-09/22/87	1	0.78	0.78	0.78	0.78	0.	0.	**	**	**	**
00094 SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/22/87-09/22/87	1	349.	349.	349.	349.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/22/87-09/22/87	1	330.	330.	330.	330.	0.	0.	**	**	**	**
00191 HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	09/22/87-09/22/87	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	09/22/87-09/22/87	1	10.4	10.4	10.4	10.4	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	09/22/87-09/22/87	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	09/22/87-09/22/87	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/22/87-09/22/87	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
00405 CARBON DIOXIDE (MG/L AS CO2)	09/22/87-09/22/87	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00406 PH, FIELD, STANDARD UNITS SU	09/22/87-09/22/87	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS	09/22/87-09/22/87	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/22/87-09/22/87	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	09/22/87-09/22/87	1	144.	144.	144.	144.	0.	0.	**	**	**	**
00440 BICARBONATE ION (MG/L AS HCO3)	09/22/87-09/22/87	1	176.	176.	176.	176.	0.	0.	**	**	**	**
00445 CARBONATE ION (MG/L AS CO3)	09/22/87-09/22/87	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/22/87-09/22/87	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	09/22/87-09/22/87	1	171.8	171.8	171.8	171.8	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	09/22/87-09/22/87	1	54.	54.	54.	54.	0.	0.	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	09/22/87-09/22/87	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	09/22/87-09/22/87	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	09/22/87-09/22/87	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	09/22/87-09/22/87	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00946 SULFATE, DISSOLVED (MG/L AS SO4)	09/22/87-09/22/87	1	28.	28.	28.	28.	0.	0.	**	**	**	**
01167 SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	09/22/87-09/22/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/22/87-09/22/87	1	188.	188.	188.	188.	0.	0.	**	**	**	**
82702 ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/22/87-09/22/87	1	2.	2.	2.	2.	0.	0.	**	**	**	**
82703 BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	09/22/87-09/22/87	1	0.099	0.099	0.099	0.099	0.	0.	**	**	**	**
82705 CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/22/87-09/22/87	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
82706 CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/22/87-09/22/87	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82708 COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/22/87-09/22/87	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
82710 IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	09/22/87-09/22/87	1	0.044	0.044	0.044	0.044	0.	0.	**	**	**	**
82711 LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/22/87-09/22/87	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82712 MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/22/87-09/22/87	1	14.	14.	14.	14.	0.	0.	**	**	**	**
82713 MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/22/87-09/22/87	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82716 SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/22/87-09/22/87	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
82719 ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/22/87-09/22/87	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: CANY0016

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00								
00300	OXYGEN, DISSOLVED	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								
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								
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE	Fresh Acute	20.	1	0	0.00	1	0	0.00								
		Drinking Water	50.	1	0	0.00	1	0	0.00								
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	360.	1	0	0.00	1	0	0.00								
		Drinking Water	50.	1	0	0.00	1	0	0.00								
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER	Drinking Water	2.	1	0	0.00	1	0	0.00								
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	3.9	1	0	0.00	1	0	0.00								
		Drinking Water	5.	1	0	0.00	1	0	0.00								
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WAT	Drinking Water	100.	1	0	0.00	1	0	0.00								
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	18.	1	0	0.00	1	0	0.00								
		Drinking Water	1300.	1	0	0.00	1	0	0.00								
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	82.	1	0	0.00	1	0	0.00								
		Drinking Water	15.	1	0	0.00	1	0	0.00								
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	2.4	1	0	0.00	1	0	0.00								
		Drinking Water	2.	1	0	0.00	1	0	0.00								
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	4.1	1	0	0.00	1	0	0.00								
		Drinking Water	100.	1	0	0.00	1	0	0.00								
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER	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: CANY0017

NPS Station ID: CANY0017
 Location: BIG SPRING
 Station Type: /TYPA/AMBNT/SPRING
 RMI-Indexes:
 RMI-Miles:
 HUC: 14070001
 Major Basin: COLORADO RIVER
 Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER
 RF1 Index: 14070001
 RF3 Index: 14070004002901.17

LAT/LON: 37.960976/-109.959754

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 2.36

Agency: 11NPSWRD
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): GLCA_NPS_45
 Within Park Boundary: No

Date Created: 08/02/99

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.80
 Distance from RF3: 0.11

On/Off RF1:
 On/Off RF3:

Description:
 THE STATION IS LOCATED ON THE FABLE VALLEY UTAH 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT BIG SPRING OUTSIDE THE GLEN CANYON NATIONAL RECREATION AREA. THE DATA ARE FROM THE REPORT "GROUND WATER RESOURCES IN THE PART OF CANYONLANDS NATIONAL PARK EAST OF THE COLORADO RIVER AND CONTIGUOUS BUREAU OF LAND MANAGEMENT LANDS; UTAH" BY H.R. RICHTER, JR. (APRIL 1980). THE PURPOSE OF THE REPORT IS "TO (1) DESCRIBE THE OCCURRENCE AND CIRCULATION OF GROUND WATER AND (2) IDENTIFY POTENTIALLY DEVELOPABLE GROUND WATER SUPPLIES." FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT GLEN CANYON NATIONAL RECREATION AREA; P.O. BOX 1507; PAGE AZ 86040 (TEL. 520-608-6200). DATA WERE PROCESSED AND UPLOADED TO STORET BY LISA DUMMER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: CANY0017

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/17/78-06/17/78	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/17/78-06/17/78	1	820.	820.	820.	820.	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	06/17/78-06/17/78	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	06/17/78-06/17/78	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/17/78-06/17/78	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
00440 BICARBONATE ION (MG/L AS HCO3)	06/17/78-06/17/78	1	390.	390.	390.	390.	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	06/17/78-06/17/78	1	360.	360.	360.	360.	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	06/17/78-06/17/78	1	53.	53.	53.	53.	0.	0.	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	06/17/78-06/17/78	1	55.	55.	55.	55.	0.	0.	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	06/17/78-06/17/78	1	31.	31.	31.	31.	0.	0.	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	06/17/78-06/17/78	1	2.3	2.3	2.3	2.3	0.	0.	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	06/17/78-06/17/78	1	23.	23.	23.	23.	0.	0.	**	**	**	**
00946 SULFATE, DISSOLVED (MG/L AS SO4)	06/17/78-06/17/78	1	58.	58.	58.	58.	0.	0.	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	06/17/78-06/17/78	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SiO2)	06/17/78-06/17/78	1	9.8	9.8	9.8	9.8	0.	0.	**	**	**	**
01020 BORON, DISSOLVED (UG/L AS B)	06/17/78-06/17/78	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
70300 RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	06/17/78-06/17/78	1	464.	464.	464.	464.	0.	0.	**	**	**	**
71851 NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/17/78-06/17/78	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: CANY0017

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
							Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	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
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
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: CANY0018

NPS Station ID: CANY0018
 Location: BIG SPRING BLM
 Station Type: /TYPA/AMBNT/SPRING
 RMI-Indexes:
 RMI-Miles:
 HUC: 14070001
 Major Basin:
 Minor Basin:
 RF1 Index:
 RF3 Index: 14070001043601.63
 Description:

LAT/LON: 37.962167/-109.959667

Depth of Water: 0
 Elevation: 0

RF1 Mile Point: 0.000
 RF3 Mile Point: 7.29

Agency: 21UTAH
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): 495252
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 25.30
 Distance from RF3: 0.03

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: CANY0018

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/12/80-06/12/80	1	14.	14.	14.	14.	0.	0.	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/09/79-06/12/80	2	0.75	0.75	1.	0.5	0.125	0.354	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/09/79-06/12/80	2	0.4	0.4	0.5	0.3	0.02	0.141	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/12/80-06/12/80	1	850.	850.	850.	850.	0.	0.	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/09/79-06/12/80	2	810.	810.	840.	780.	1800.	42.426	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/12/80-06/12/80	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**
00400	PH (STANDARD UNITS)	08/09/79-08/09/79	1	8.8	8.8	8.8	8.8	0.	0.	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/09/79-08/09/79	1	8.8	8.8	8.8	8.8	0.	0.	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/09/79-08/09/79	1	0.002	0.002	0.002	0.002	0.	0.	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/09/79-06/12/80	2	1.5	1.5	2.	1.	0.5	0.707	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	06/12/80-06/12/80	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/12/80-06/12/80	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/12/80-06/12/80	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/09/79-06/12/80	2	296.5	296.5	313.	280.	544.5	23.335	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/09/79-06/12/80	2	338.	338.	346.	330.	128.	11.314	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/09/79-06/12/80	2	12.	12.	18.	6.	72.	8.485	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/12/80-06/12/80	1	6.	6.	6.	6.	0.	0.	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/09/79-08/09/79	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/09/79-06/12/80	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/09/79-06/12/80	2	2.25	2.25	2.3	2.2	0.005	0.071	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/09/79-08/09/79	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/09/79-08/09/79	1	2.15	2.15	2.15	2.15	0.	0.	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/09/79-08/09/79	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/09/79-06/12/80	2	374.	374.	376.	372.	8.	2.828	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/09/79-06/12/80	2	51.	51.	51.	51.	0.	0.	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/09/79-06/12/80	2	59.5	59.5	60.	59.	0.5	0.707	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/09/79-06/12/80	2	34.5	34.5	35.	34.	0.5	0.707	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/09/79-06/12/80	2	2.	2.	2.	2.	0.	0.	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/09/79-06/12/80	2	43.	43.	47.	39.	32.	5.657	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/09/79-06/12/80	2	89.	89.	96.	82.	98.	9.899	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/09/79-06/12/80	2	0.26	0.26	0.27	0.25	0.	0.014	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/09/79-06/12/80	2	12.	12.	12.	12.	0.	0.	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/09/79-08/09/79	1	1.	1.	1.	1.	0.	0.	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	08/09/79-08/09/79	1	60.	60.	60.	60.	0.	0.	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/09/79-06/12/80	2	117.5	117.5	155.	80.	2812.5	53.033	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/09/79-08/09/79	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	08/09/79-08/09/79	1 ##	10.	10.	10.	10.	0.	0.	**	**	**
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	08/09/79-06/12/80	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**

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

Parameter Inventory for Station: CANY0018

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01040	COPPER, DISSOLVED (UG/L AS CU)	08/09/79-08/09/79	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/09/79-08/09/79	1 ##	5.	5.	5.	5.	0.	0.	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	08/09/79-08/09/79	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/09/79-08/09/79	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	08/09/79-08/09/79	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	08/09/79-08/09/79	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/09/79-08/09/79	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	08/09/79-08/09/79	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	06/12/80-06/12/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	06/12/80-06/12/80	1	40.	40.	40.	40.	0.	0.	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	06/12/80-06/12/80	1	1.602	1.602	1.602	1.602	0.	0.	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	06/12/80-06/12/80	1 ##	11.5	11.5	11.5	11.5	0.	0.	**	**	**
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	06/12/80-06/12/80	1 ##	1.061	1.061	1.061	1.061	0.	0.	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	06/12/80-06/12/80	1 ##	1.061	1.061	1.061	1.061	0.	0.	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	06/12/80-06/12/80	1 ##	11.5	11.5	11.5	11.5	0.	0.	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/09/79-06/12/80	2	475.5	475.5	476.	475.	0.5	0.707	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/09/79-06/12/80	2 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/12/80-06/12/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	06/12/80-06/12/80	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/12/80-06/12/80	1	1.	1.	1.	1.	0.	0.	**	**	**
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/12/80-06/12/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/12/80-06/12/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	08/09/79-06/12/80	2 ##	0.048	0.048	0.07	0.025	0.001	0.032	**	**	**
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/12/80-06/12/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/12/80-06/12/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/09/79-06/12/80	2 ##	0.325	0.325	0.6	0.05	0.151	0.389	**	**	**
82715	NICKEL, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/12/80-06/12/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/12/80-06/12/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/12/80-06/12/80	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: CANY0018

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	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.	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								
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
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00	1	0	0.00						1	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00	1	0	0.00						1	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00						1	0	0.00
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	2	0	0.00	1	0	0.00						1	0	0.00
		Drinking Water	250.	2	0	0.00	1	0	0.00						1	0	0.00
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	2	0	0.00	1	0	0.00						1	0	0.00
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	2	0	0.00	1	0	0.00						1	0	0.00
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00	1	0	0.00						1	0	0.00
		Drinking Water	50.	1	0	0.00	1	0	0.00								
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00	1	0	0.00								
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00	1	0	0.00								
		Drinking Water	5.	1	0	0.00	1	0	0.00								
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00	1	0	0.00								
01032	CHROMIUM, HEXAVALENT	Fresh Acute	16.	2	0	0.00	1	0	0.00						1	0	0.00
		Drinking Water	100.	2	0	0.00	1	0	0.00						1	0	0.00
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								

& - 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: CANY0018

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
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									
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									
01167 SELENIUM, ACID SOLUBLE, WATER, WHOLE	Fresh Acute	20.	1	0	0.00										1	0	0.00
	Drinking Water	50.	1	0	0.00										1	0	0.00
31506 COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	1	0	0.00										1	0	0.00
31614 FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	1	0	0.00										1	0	0.00
82702 ARSENIC, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	360.	1	0	0.00										1	0	0.00
	Drinking Water	50.	1	0	0.00										1	0	0.00
82703 BARIUM, FIELD ACIDIFIED, DECANTED, WATER	Drinking Water	2.	1	0	0.00										1	0	0.00
82705 CADMIUM, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	3.9	1	0	0.00										1	0	0.00
	Drinking Water	5.	1	0	0.00										1	0	0.00
82706 CHROMIUM, FIELD ACIDIFIED, DECANTED, WAT	Drinking Water	100.	1	0	0.00										1	0	0.00
82708 COPPER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	18.	1	0	0.00										1	0	0.00
	Drinking Water	1300.	1	0	0.00										1	0	0.00
82711 LEAD, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	82.	1	0	0.00										1	0	0.00
	Drinking Water	15.	1	0	0.00										1	0	0.00
82713 MERCURY, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	2.4	2	0	0.00	1	0	0.00							1	0	0.00
	Drinking Water	2.	2	0	0.00	1	0	0.00							1	0	0.00
82715 NICKEL, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	1400.	1	0	0.00										1	0	0.00
	Drinking Water	100.	1	0	0.00										1	0	0.00
82716 SILVER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	4.1	1	0	0.00										1	0	0.00
	Drinking Water	100.	1	0	0.00										1	0	0.00
82719 ZINC, FIELD ACIDIFIED, DECANTED, WATER	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: CANY0019

NPS Station ID: CANY0019

Location: BEEF BASIN WASH AT MOUTH

Station Type: /TYP/AMBNT/STREAM

RMI-Indexes:

RMI-Miles:

HUC: 14070001

Major Basin:

Minor Basin:

RF1 Index:

RF3 Index: 14070001003307.64

Description:

LAT/LON: 37.966667/-109.942167

Depth of Water: 0

Elevation: 0

RF1 Mile Point: 0.000

RF3 Mile Point: 8.40

Agency: 21UTAH

FIPS State/County: 49037 UTAH/SAN JUAN

STORET Station ID(s): 495254

Within Park Boundary: No

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 0.00

Distance from RF3: 0.02

Date Created: / /

On/Off RF1:

On/Off RF3:

Parameter Inventory for Station: CANY0019

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: CANY0020

NPS Station ID: CANY0020
 Location: GYPSUM CANYON CK AT BEEF BASIN WASH
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 14070001
 Major Basin:
 Minor Basin:
 RF1 Index:
 RF3 Index: 14070001003101.69
 Description:

LAT/LON: 37.968500/-109.944167

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 3.58

Agency: 21UTAH
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): 495253
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.02

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: CANY0020

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/12/80-06/12/80	1	21.5	21.5	21.5	21.5	0.	0.	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	06/12/80-06/12/80	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/12/80-06/12/80	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00094 SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/12/80-06/12/80	1	880.	880.	880.	880.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/12/80-06/12/80	1	905.	905.	905.	905.	0.	0.	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	06/12/80-06/12/80	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00310 BOD, 5 DAY, 20 DEG C MG/L	06/12/80-06/12/80	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00335 COD, .025N K2CR2O7 MG/L	06/12/80-06/12/80	1	25.	25.	25.	25.	0.	0.	**	**	**	**
00405 CARBON DIOXIDE (MG/L AS CO2)	06/12/80-06/12/80	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00406 PH, FIELD, STANDARD UNITS SU	06/12/80-06/12/80	1	8.6	8.6	8.6	8.6	0.	0.	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS	06/12/80-06/12/80	1	8.6	8.6	8.6	8.6	0.	0.	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/12/80-06/12/80	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	06/12/80-06/12/80	1	248.	248.	248.	248.	0.	0.	**	**	**	**
00440 BICARBONATE ION (MG/L AS HCO3)	06/12/80-06/12/80	1	282.	282.	282.	282.	0.	0.	**	**	**	**
00445 CARBONATE ION (MG/L AS CO3)	06/12/80-06/12/80	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/12/80-06/12/80	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/12/80-06/12/80	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00615 NITRITE NITROGEN, TOTAL (MG/L AS N)	06/12/80-06/12/80	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	06/12/80-06/12/80	1	2.08	2.08	2.08	2.08	0.	0.	**	**	**	**
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/12/80-06/12/80	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/12/80-06/12/80	1	2.15	2.15	2.15	2.15	0.	0.	**	**	**	**
00665 PHOSPHORUS, TOTAL (MG/L AS P)	06/12/80-06/12/80	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00680 CARBON, TOTAL ORGANIC (MG/L AS C)	06/12/80-06/12/80	1	64.8	64.8	64.8	64.8	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	06/12/80-06/12/80	1	384.	384.	384.	384.	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	06/12/80-06/12/80	1	56.	56.	56.	56.	0.	0.	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS Mg)	06/12/80-06/12/80	1	59.	59.	59.	59.	0.	0.	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	06/12/80-06/12/80	1	41.	41.	41.	41.	0.	0.	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	06/12/80-06/12/80	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	06/12/80-06/12/80	1	64.	64.	64.	64.	0.	0.	**	**	**	**
00946 SULFATE, DISSOLVED (MG/L AS SO4)	06/12/80-06/12/80	1	132.	132.	132.	132.	0.	0.	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	06/12/80-06/12/80	1	0.34	0.34	0.34	0.34	0.	0.	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SiO2)	06/12/80-06/12/80	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01020 BORON, DISSOLVED (UG/L AS B)	06/12/80-06/12/80	1	175.	175.	175.	175.	0.	0.	**	**	**	**
01032 CHROMIUM, HEXAVALENT (UG/L AS CR)	06/12/80-06/12/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01167 SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	06/12/80-06/12/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31506 COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	06/12/80-06/12/80	1	1500.	1500.	1500.	1500.	0.	0.	**	**	**	**
31506 LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	06/12/80-06/12/80	1	3.176	3.176	3.176	3.176	0.	0.	**	**	**	**
31506 GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			1500.								

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

Parameter Inventory for Station: CANY0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	06/12/80-06/12/80	1	90.	90.	90.	90.	0.	0.	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	06/12/80-06/12/80	1	1.954	1.954	1.954	1.954	0.	0.	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			90.								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/12/80-06/12/80	1	526.	526.	526.	526.	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/12/80-06/12/80	1##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/12/80-06/12/80	1##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	06/12/80-06/12/80	1##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/12/80-06/12/80	1##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/12/80-06/12/80	1##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/12/80-06/12/80	1##	5.	5.	5.	5.	0.	0.	**	**	**	**
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	06/12/80-06/12/80	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/12/80-06/12/80	1	7.	7.	7.	7.	0.	0.	**	**	**	**
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/12/80-06/12/80	1##	5.	5.	5.	5.	0.	0.	**	**	**	**
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/12/80-06/12/80	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
82715	NICKEL, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/12/80-06/12/80	1##	5.	5.	5.	5.	0.	0.	**	**	**	**
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/12/80-06/12/80	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/12/80-06/12/80	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: CANY0020

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	1	0	0.00									1	0	0.00
00300	OXYGEN, DISSOLVED	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
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	0	0.00									1	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00									1	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00									1	0	0.00
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00									1	0	0.00
		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
01032	CHROMIUM, HEXAVALENT	Fresh Acute	16.	1	0	0.00									1	0	0.00
		Drinking Water	100.	1	0	0.00									1	0	0.00
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE	Fresh Acute	20.	1	0	0.00									1	0	0.00
		Drinking Water	50.	1	0	0.00									1	0	0.00
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	1	1	1.00									1	1	1.00
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	1	0	0.00									1	0	0.00
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	360.	1	0	0.00									1	0	0.00
		Drinking Water	50.	1	0	0.00									1	0	0.00
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER	Drinking Water	2.	1	0	0.00									1	0	0.00
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	3.9	1	0	0.00									1	0	0.00
		Drinking Water	5.	1	0	0.00									1	0	0.00
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WAT	Drinking Water	100.	1	0	0.00									1	0	0.00
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	18.	1	0	0.00									1	0	0.00
		Drinking Water	1300.	1	0	0.00									1	0	0.00
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	82.	1	0	0.00									1	0	0.00
		Drinking Water	15.	1	0	0.00									1	0	0.00
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	2.4	1	0	0.00									1	0	0.00
		Drinking Water	2.	1	0	0.00									1	0	0.00
82715	NICKEL, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	1400.	1	0	0.00									1	0	0.00
		Drinking Water	100.	1	0	0.00									1	0	0.00
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	4.1	1	0	0.00									1	0	0.00
		Drinking Water	100.	1	0	0.00									1	0	0.00
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER	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: CANY0021

NPS Station ID: CANY0021 LAT/LON: 37.968500/-109.518000
 Location: INDIAN CK AB EXCLOSURE NR NEWSPAPER ROCK
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 14030005 Depth of Water: 0
 Major Basin: Elevation: 0
 Minor Basin:
 RF1 Index: RF1 Mile Point: 0.000
 RF3 Index: 14030005001600.00 RF3 Mile Point: 0.03
 Description:

Agency: 21UTAH
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): 495590
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.24

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: CANY0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/06/93-11/30/99	10	9.9	10.19	17.7	2.	38.037	6.167	2.2	4.45	16.4	17.63
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/06/93-11/30/99	9	19.6	19.322	30.	5.9	61.774	7.86	5.9	13.	26.2	30.
00061	FLOW, STREAM, INSTANTANEOUS CFS	07/06/93-11/30/99	4	5.55	7.425	18.	0.6	56.029	7.485	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/06/93-11/30/99	11	4.59	12.178	45.5	0.63	286.144	16.916	0.676	1.7	14.6	45.44
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/06/93-11/30/99	10	376.	898.7	3890.	182.	1509898.9	1228.779	187.4	304.25	964.	3736.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/06/93-11/30/99	11	374.	352.727	501.	229.	6948.818	83.36	230.	261.	405.	483.
00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	07/06/93-11/30/99	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00300	OXYGEN, DISSOLVED MG/L	03/26/97-11/30/99	3	10.4	9.2	10.6	6.6	5.08	2.254	**	**	**	**
00400	PH (STANDARD UNITS)	07/06/93-11/30/99	11	8.32	8.262	8.5	7.76	0.037	0.194	7.828	8.2	8.35	8.472
00400	CONVERTED PH (STANDARD UNITS)	07/06/93-11/30/99	11	8.32	8.212	8.5	7.76	0.04	0.2	7.828	8.2	8.35	8.472
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/06/93-11/30/99	11	0.005	0.006	0.017	0.003	0.	0.004	0.003	0.004	0.006	0.015
00405	CARBON DIOXIDE (MG/L AS CO2)	07/06/93-11/30/99	11	2.	1.909	6.	1.	2.091	1.446	1.	1.	2.	5.2
00406	PH, FIELD, STANDARD UNITS SU	07/06/93-11/30/99	10	8.4	8.41	8.7	8.	0.048	0.218	8.02	8.275	8.6	8.69
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/06/93-11/30/99	10	8.4	8.358	8.7	8.	0.051	0.225	8.02	8.275	8.6	8.69
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/06/93-11/30/99	10	0.004	0.004	0.01	0.002	0.	0.002	0.002	0.003	0.005	0.01
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	07/06/93-11/30/99	11	169.	161.182	233.	104.	1546.764	39.329	104.2	116.	184.	224.2
00440	BICARBONATE ION (MG/L AS HCO3)	07/06/93-11/30/99	11	206.	196.455	284.	127.	2282.673	47.777	127.2	142.	224.	273.2
00445	CARBONATE ION (MG/L AS CO3)	07/06/93-11/30/99	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/06/93-11/30/99	11	13.6	33.345	142.	0.	2046.569	45.239	0.	0.	54.	131.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/06/93-06/29/99	9##	0.025	0.028	0.05	0.025	0.	0.008	0.025	0.025	0.025	0.05
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/06/93-03/26/97	5	0.2	0.396	1.38	0.05	0.309	0.556	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/19/99-11/30/99	2##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/06/93-06/29/99	9##	0.01	0.024	0.06	0.01	0.	0.022	0.01	0.01	0.05	0.06
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/06/93-11/30/99	10	0.022	0.036	0.151	0.01	0.002	0.043	0.01	0.01	0.047	0.141
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/06/93-06/29/99	9	0.01	0.012	0.023	0.005	0.	0.007	0.005	0.005	0.019	0.023
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	07/06/93-11/30/99	11	177.5	174.627	247.3	112.1	1857.688	43.101	113.46	125.4	207.7	240.28
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	07/06/93-11/30/99	11	56.1	54.718	74.2	38.	145.378	12.057	38.34	42.	64.3	72.68
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/06/93-11/30/99	11	10.4	9.263	15.1	4.2	11.423	3.38	4.324	5.	11.2	14.38
00930	SODIUM, DISSOLVED (MG/L AS Na)	07/06/93-11/30/99	11	6.52	7.123	15.	3.4	12.563	3.544	3.44	3.94	8.	14.38
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/06/93-11/30/99	11##	0.5	0.859	1.5	0.5	0.189	0.434	0.5	0.5	1.35	1.492
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/06/93-11/30/99	11	3.3	2.823	5.	0.25	2.756	1.66	0.3	1.5	4.	5.
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/06/93-11/30/99	11	26.8	26.06	41.97	13.18	59.65	7.723	13.946	20.5	30.5	39.796
01000	ARSENIC, DISSOLVED (UG/L AS AS)	07/06/93-11/30/99	11##	2.5	3.182	10.	2.5	5.114	2.261	2.5	2.5	2.5	8.5
01005	BARIUM, DISSOLVED (UG/L AS BA)	07/06/93-11/30/99	11	110.	102.909	190.	56.	1335.691	36.547	57.	67.	110.	176.
01025	CADMIUM, DISSOLVED (UG/L AS CD)	07/06/93-11/30/99	11##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/06/93-11/30/99	11##	2.5	3.127	9.4	2.5	4.328	2.08	2.5	2.5	2.5	8.02
01040	COPPER, DISSOLVED (UG/L AS CU)	07/06/93-11/30/99	11##	6.	6.909	12.	6.	4.291	2.071	6.	6.	6.	11.6
01046	IRON, DISSOLVED (UG/L AS FE)	07/06/93-11/30/99	11##	10.	16.055	32.3	10.	64.915	8.057	10.	10.	24.	30.9

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

Parameter Inventory for Station: CANY0021

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01049 LEAD, DISSOLVED (UG/L AS PB)	07/06/93-11/30/99	11 ##	1.5	1.818	5.	1.5	1.114	1.055	1.5	1.5	1.5	4.3
01056 MANGANESE, DISSOLVED (UG/L AS MN)	07/06/93-11/30/99	11	26.	72.091	530.	10.	23343.491	152.786	10.2	11.	36.	438.
01075 SILVER, DISSOLVED (UG/L AS AG)	07/06/93-11/30/99	11 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
01090 ZINC, DISSOLVED (UG/L AS ZN)	07/06/93-11/30/99	11 ##	15.	16.364	30.	15.	20.455	4.523	15.	15.	15.	27.
01106 ALUMINUM, DISSOLVED (UG/L AS AL)	05/12/95-11/30/99	10 ##	15.	18.5	35.	15.	55.833	7.472	15.	15.	18.75	34.5
01145 SELENIUM, DISSOLVED (UG/L AS SE)	07/06/93-11/30/99	11 ##	0.5	0.7	1.1	0.5	0.078	0.279	0.5	0.5	1.	1.1
61027 ANIONS, SUM, TOTAL IN WATER MG/L	07/06/93-11/30/99	11	131.	125.909	176.	80.	905.891	30.098	80.8	87.	143.	170.4
61944 CATIONS, SUM, TOTAL IN WATER MG/L	07/06/93-11/30/99	11	73.	72.455	99.	47.	305.673	17.483	47.6	52.	85.	97.4
70300 RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	07/06/93-11/30/99	11	224.	213.455	296.	136.	2533.673	50.336	137.2	152.	244.	287.2
71890 MERCURY, DISSOLVED (UG/L AS HG)	07/06/93-11/30/99	11 ##	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1

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

EPA Water Quality Criteria Analysis for Station: CANY0021

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076 TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	11	0	0.00	2	0	0.00	5	0	0.00	2	0	0.00	2	0	0.00
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	3	0	0.00				3	0	0.00						
00400 PH	Fresh Chronic	9.	11	0	0.00	2	0	0.00	5	0	0.00	2	0	0.00	2	0	0.00
	Other-Lo Lim.	6.5	11	0	0.00	2	0	0.00	5	0	0.00	2	0	0.00	2	0	0.00
00406 PH, FIELD	Fresh Chronic	9.	10	0	0.00	2	0	0.00	5	0	0.00	1	0	0.00	2	0	0.00
	Other-Lo Lim.	6.5	10	0	0.00	2	0	0.00	5	0	0.00	1	0	0.00	2	0	0.00
00630 NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00	1	0	0.00	1	0	0.00						
00631 NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	9	0	0.00	1	0	0.00	4	0	0.00	2	0	0.00	2	0	0.00
00941 CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	11	0	0.00	2	0	0.00	5	0	0.00	2	0	0.00	2	0	0.00
	Drinking Water	250.	11	0	0.00	2	0	0.00	5	0	0.00	2	0	0.00	2	0	0.00
00946 SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	11	0	0.00	2	0	0.00	5	0	0.00	2	0	0.00	2	0	0.00
01000 ARSENIC, DISSOLVED	Fresh Acute	360.	11	0	0.00	2	0	0.00	5	0	0.00	2	0	0.00	2	0	0.00
	Drinking Water	50.	11	0	0.00	2	0	0.00	5	0	0.00	2	0	0.00	2	0	0.00
01005 BARIUM, DISSOLVED	Drinking Water	2000.	11	0	0.00	2	0	0.00	5	0	0.00	2	0	0.00	2	0	0.00
01025 CADMIUM, DISSOLVED	Fresh Acute	3.9	11	0	0.00	2	0	0.00	5	0	0.00	2	0	0.00	2	0	0.00
	Drinking Water	5.	11	0	0.00	2	0	0.00	5	0	0.00	2	0	0.00	2	0	0.00
01030 CHROMIUM, DISSOLVED	Drinking Water	100.	11	0	0.00	2	0	0.00	5	0	0.00	2	0	0.00	2	0	0.00
01040 COPPER, DISSOLVED	Fresh Acute	18.	11	0	0.00	2	0	0.00	5	0	0.00	2	0	0.00	2	0	0.00
	Drinking Water	1300.	11	0	0.00	2	0	0.00	5	0	0.00	2	0	0.00	2	0	0.00
01049 LEAD, DISSOLVED	Fresh Acute	82.	11	0	0.00	2	0	0.00	5	0	0.00	2	0	0.00	2	0	0.00
	Drinking Water	15.	11	0	0.00	2	0	0.00	5	0	0.00	2	0	0.00	2	0	0.00
01075 SILVER, DISSOLVED	Fresh Acute	4.1	11	0	0.00	2	0	0.00	5	0	0.00	2	0	0.00	2	0	0.00
	Drinking Water	100.	11	0	0.00	2	0	0.00	5	0	0.00	2	0	0.00	2	0	0.00
01090 ZINC, DISSOLVED	Fresh Acute	120.	11	0	0.00	2	0	0.00	5	0	0.00	2	0	0.00	2	0	0.00
	Drinking Water	5000.	11	0	0.00	2	0	0.00	5	0	0.00	2	0	0.00	2	0	0.00
01145 SELENIUM, DISSOLVED	Fresh Acute	20.	11	0	0.00	2	0	0.00	5	0	0.00	2	0	0.00	2	0	0.00
	Drinking Water	50.	11	0	0.00	2	0	0.00	5	0	0.00	2	0	0.00	2	0	0.00
71890 MERCURY, DISSOLVED	Fresh Acute	2.4	11	0	0.00	2	0	0.00	5	0	0.00	2	0	0.00	2	0	0.00
	Drinking Water	2.	11	0	0.00	2	0	0.00	5	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: CANY0022

NPS Station ID: CANY0022 Location: LITTLE HOME WATER SPRING Station Type: /TYPA/AMBNT/SPRING RMI-Indexes: RMI-Miles: HUC: 14070001 Major Basin: COLORADO RIVER Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER RF1 Index: 14070001 RF3 Index: 14070004002901.17 Description: THE STATION IS LOCATED ON THE FABLE VALLEY UTAH 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT LITTLE HOME WATER SPRING OUTSIDE THE GLEN CANYON NATIONAL RECREATION AREA. THE DATA ARE FROM THE REPORT "GROUND WATER RESOURCES IN THE PART OF CANYONLANDS NATIONAL PARK EAST OF THE COLORADO RIVER AND CONTIGUOUS BUREAU OF LAND MANAGEMENT LANDS; UTAH" BY H.R. RICHTER, JR. (APRIL 1980). THE PURPOSE OF THE REPORT IS "TO (1) DESCRIBE THE OCCURRENCE AND CIRCULATION OF GROUND WATER AND (2) IDENTIFY POTENTIALLY DEVELOPABLE GROUND WATER SUPPLIES." FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT GLEN CANYON NATIONAL RECREATION AREA; P.O. BOX 1507; PAGE AZ 86040 (TEL. 520-608-6200). DATA WERE PROCESSED AND UPLOADED TO STORET BY LISA DUMMER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).	LAT/LON: 37.969226/-109.935365 Depth of Water: 0 Elevation: 0 RF1 Mile Point: 0.000 RF3 Mile Point: 2.36	Agency: 11NPSWRD FIPS State/County: 49037 UTAH/SAN JUAN STORET Station ID(s): GLCA_NPS_46 Within Park Boundary: No Aquifer: Water Body Id: ECO Region: Distance from RF1: 0.80 Distance from RF3: 0.11
		Date Created: 08/02/99 On/Off RF1: On/Off RF3:

Parameter Inventory for Station: CANY0022

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/15/78-06/15/78	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00058 FLOW, RATE GALLONS/MIN	06/15/78-06/15/78	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/15/78-06/15/78	1	595.	595.	595.	595.	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	06/15/78-06/15/78	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	06/15/78-06/15/78	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/15/78-06/15/78	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00440 BICARBONATE ION (MG/L AS HCO3)	06/15/78-06/15/78	1	300.	300.	300.	300.	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	06/15/78-06/15/78	1	290.	290.	290.	290.	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	06/15/78-06/15/78	1	37.	37.	37.	37.	0.	0.	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	06/15/78-06/15/78	1	47.	47.	47.	47.	0.	0.	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	06/15/78-06/15/78	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	06/15/78-06/15/78	1	2.1	2.1	2.1	2.1	0.	0.	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	06/15/78-06/15/78	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00946 SULFATE, DISSOLVED (MG/L AS SO4)	06/15/78-06/15/78	1	30.	30.	30.	30.	0.	0.	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	06/15/78-06/15/78	1##	0.	0.	0.	0.	0.	0.	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SiO2)	06/15/78-06/15/78	1	9.1	9.1	9.1	9.1	0.	0.	**	**	**	**
01020 BORON, DISSOLVED (UG/L AS B)	06/15/78-06/15/78	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/15/78-06/15/78	1	320.	320.	320.	320.	0.	0.	**	**	**	**
71851 NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/15/78-06/15/78	1	6.4	6.4	6.4	6.4	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: CANY0022

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
							Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	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
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
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: CANY0023

NPS Station ID: CANY0023
 Location: NORTH HOME SPRING
 Station Type: /TYP/AMBNT/SPRING
 RMI-Indexes:

LAT/LON: 37.969643/-109.949449

Agency: 11NPSWRD
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): GLCA_NPS_44
 Within Park Boundary: No

Date Created: 08/02/99

RMI-Miles:
 HUC: 14070001
 Major Basin: COLORADO RIVER
 Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER
 RF1 Index: 14070001
 RF3 Index: 14070004002901.17

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 2.36

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.80
 Distance from RF3: 0.11

On/Off RF1:
 On/Off RF3:

Description:
 THE STATION IS LOCATED ON THE FABLE VALLEY UTAH 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT NORTH HOME SPRING OUTSIDE THE GLEN CANYON NATIONAL RECREATION AREA. THE DATA ARE FROM THE REPORT "GROUND WATER RESOURCES IN THE PART OF CANYONLANDS NATIONAL PARK EAST OF THE COLORADO RIVER AND CONTIGUOUS BUREAU OF LAND MANAGEMENT LANDS; UTAH" BY H.R. RICHTER, JR. (APRIL 1980). THE PURPOSE OF THE REPORT IS "TO (1) DESCRIBE THE OCCURRENCE AND CIRCULATION OF GROUND WATER AND (2) IDENTIFY POTENTIALLY DEVELOPABLE GROUND WATER SUPPLIES." FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT GLEN CANYON NATIONAL RECREATION AREA; P.O. BOX 1507; PAGE AZ 86040 (TEL. 520-608-6200). DATA WERE PROCESSED AND UPLOADED TO STORET BY LISA DUMMER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: CANY0023

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/15/78-06/15/78	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00058 FLOW, RATE GALLONS/MIN	06/15/78-06/15/78	1	3.3	3.3	3.3	3.3	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/15/78-06/15/78	1	788.	788.	788.	788.	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	06/15/78-06/15/78	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	06/15/78-06/15/78	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/15/78-06/15/78	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00440 BICARBONATE ION (MG/L AS HCO3)	06/15/78-06/15/78	1	330.	330.	330.	330.	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	06/15/78-06/15/78	1	340.	340.	340.	340.	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	06/15/78-06/15/78	1	57.	57.	57.	57.	0.	0.	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	06/15/78-06/15/78	1	47.	47.	47.	47.	0.	0.	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	06/15/78-06/15/78	1	32.	32.	32.	32.	0.	0.	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	06/15/78-06/15/78	1	3.3	3.3	3.3	3.3	0.	0.	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	06/15/78-06/15/78	1	27.	27.	27.	27.	0.	0.	**	**	**	**
00946 SULFATE, DISSOLVED (MG/L AS SO4)	06/15/78-06/15/78	1	69.	69.	69.	69.	0.	0.	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	06/15/78-06/15/78	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SiO2)	06/15/78-06/15/78	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
01020 BORON, DISSOLVED (UG/L AS B)	06/15/78-06/15/78	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
70300 RESIDUE, TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/15/78-06/15/78	1	458.	458.	458.	458.	0.	0.	**	**	**	**
71851 NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/15/78-06/15/78	1	12.	12.	12.	12.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0023

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
							Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	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
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
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: CANY0024

NPS Station ID: CANY0024
 Location: (D-32-22)28BB BLM #159 (KELLY RANCH)
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 14030005
 Major Basin: COLORADO RIVER
 Minor Basin: UPPER COLORADO RIVER
 RF1 Index: 14030005
 RF3 Index: 14070004002901.17

LAT/LON: 37.972087/-109.517670

Depth of Water: 0
 Elevation: 0

RF1 Mile Point: 0.000
 RF3 Mile Point: 2.36

Agency: 11NPSWRD
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): CANY_ERI_IC1
 Within Park Boundary: No

Date Created: 08/21/99

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.80
 Distance from RF3: 0.11

On/Off RF1:
 On/Off RF3:

Description:

The station is located on the Shay Mountain Utah 7.5 minute series (topographic) quadrangle. The site is located outside Canyonlands National Park at BLM #159 (Kelly Ranch). The data are from the report "Water Resources Descriptions and Data Base Canyonlands National Park Needles District and Adjacent BLM Lands" prepared by Ecosystems Research Institute (October 1984). For information on Canyonlands National Park; contact the Chief of Resources at Canyonlands National Park; 2282 S. West Resource Blvd.; Moab UT 84532 (Tel. 801-259-7164). Data were processed and uploaded to STORET by Lisa Dummer; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: CANY0024

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00004	STREAM WIDTH (FEET)	09/15/81-09/15/81	1	7.	7.	7.	7.	0.	0.	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/29/76-09/15/81	4	20.25	19.625	22.	16.	7.563	2.75	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/21/80-09/15/81	3	25.	24.667	27.	22.	6.333	2.517	**	**	**
00055	VELOCITY, STREAM FT/SEC	09/15/81-09/15/81	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	06/29/76-08/17/81	1	4.	4.	4.	4.	0.	0.	**	**	**
00064	DEPTH OF STREAM, MEAN (FT)	09/15/81-09/15/81	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/21/80-09/15/81	3	350.	363.333	400.	340.	1033.333	32.146	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/29/76-09/15/81	2	395.	395.	410.	380.	450.	21.213	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/29/76-09/15/81	4	7.85	7.75	8.5	6.8	0.63	0.794	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/15/81-09/15/81	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**
00403	PH, LAB, STANDARD UNITS SU	09/15/81-09/15/81	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/15/81-09/15/81	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/15/81-09/15/81	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	06/29/76-08/17/81	3	8.55	8.617	8.9	8.4	0.066	0.257	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/29/76-08/17/81	3	8.55	8.571	8.9	8.4	0.069	0.263	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/29/76-08/17/81	3	0.003	0.003	0.004	0.001	0.	0.001	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	06/29/76-09/15/81	2	174.5	174.5	175.	174.	0.5	0.707	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	06/29/76-09/15/81	2	212.5	212.5	213.	212.	0.5	0.707	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	06/29/76-09/15/81	2 ##	0.003	0.003	0.005	0.	0.	0.004	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/15/81-09/15/81	1	640.	640.	640.	640.	0.	0.	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/29/76-06/29/76	1 ##	0.	0.	0.	0.	0.	0.	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/29/76-06/29/76	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	09/15/81-09/15/81	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	06/29/76-09/15/81	2	193.	193.	196.	190.	18.	4.243	**	**	**

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

Parameter Inventory for Station: CANY0024

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00902	HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	06/29/76-06/29/76	1	11.	11.	11.	11.	0.	0.	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	06/29/76-09/15/81	2	42.5	42.5	43.	42.	0.5	0.707	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/29/76-09/15/81	2	20.3	20.3	21.6	19.	3.38	1.838	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS Na)	06/29/76-09/15/81	2	17.	17.	22.	12.	50.	7.071	**	**	**
00932	SODIUM, PERCENT	06/29/76-06/29/76	1	12.	12.	12.	12.	0.	0.	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/29/76-09/15/81	2	2.95	2.95	3.4	2.5	0.405	0.636	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/29/76-09/15/81	2	7.5	7.5	10.	5.	12.5	3.536	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/29/76-09/15/81	2	44.	44.	60.	28.	512.	22.627	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/29/76-09/15/81	2	0.235	0.235	0.3	0.17	0.008	0.092	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SiO2)	06/29/76-09/15/81	2	10.5	10.5	11.	10.	0.5	0.707	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	09/15/81-09/15/81	1	2.	2.	2.	2.	0.	0.	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS Ba)	09/15/81-09/15/81	1	45.	45.	45.	45.	0.	0.	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	06/29/76-09/15/81	2	21.	21.	30.	12.	162.	12.728	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS Cd)	09/15/81-09/15/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS Cr)	09/15/81-09/15/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
01035	COBALT, DISSOLVED (UG/L AS Co)	09/15/81-09/15/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
01040	COPPER, DISSOLVED (UG/L AS Cu)	09/15/81-09/15/81	1	3.	3.	3.	3.	0.	0.	**	**	**
01045	IRON, TOTAL (UG/L AS Fe)	09/15/81-09/15/81	1	165.	165.	165.	165.	0.	0.	**	**	**
01049	LEAD, DISSOLVED (UG/L AS Pb)	09/15/81-09/15/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS Mn)	09/15/81-09/15/81	1	10.	10.	10.	10.	0.	0.	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS Ni)	09/15/81-09/15/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
01075	SILVER, DISSOLVED (UG/L AS Ag)	09/15/81-09/15/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
01090	ZINC, DISSOLVED (UG/L AS Zn)	09/15/81-09/15/81	1	6.	6.	6.	6.	0.	0.	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS Al)	09/15/81-09/15/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS Se)	09/15/81-09/15/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
04208	ANIONS, SUM, TOTAL, WATER MEQ/L	06/29/76-09/15/81	2	4.625	4.625	5.01	4.24	0.296	0.544	**	**	**
04226	CATIONS, SUM, TOTAL, WATER MEQ/L	06/29/76-09/15/81	2	4.62	4.62	4.94	4.3	0.205	0.453	**	**	**
31501	COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/15/81-09/15/81	1	13000.	13000.	13000.	13000.	0.	0.	**	**	**
31501	LOG COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,	09/15/81-09/15/81	1	4.114	4.114	4.114	4.114	0.	0.	**	**	**
31501	GM COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,3	09/15/81-09/15/81	1	13000.	13000.	13000.	13000.	0.	0.	**	**	**
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	09/15/81-09/15/81	1	490.	490.	490.	490.	0.	0.	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	09/15/81-09/15/81	1	2.69	2.69	2.69	2.69	0.	0.	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	09/15/81-09/15/81	1	490.	490.	490.	490.	0.	0.	**	**	**
50786	ORTHOPHOSPHATE AS P, WATER MG/L	06/29/76-06/29/76	1	0.37	0.37	0.37	0.37	0.	0.	**	**	**
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	09/15/81-09/15/81	1	268.	268.	268.	268.	0.	0.	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	06/29/76-06/29/76	1	226.	226.	226.	226.	0.	0.	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/15/81-09/15/81	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	09/15/81-09/15/81	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	09/15/81-09/15/81	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS Hg)	09/15/81-09/15/81	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: CANY0024

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	0	0.00	3	0	0.00						1	0	0.00
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.	3	0	0.00	2	0	0.00						1	0	0.00
		Other-Lo Lim.	6.5	3	0	0.00	2	0	0.00						1	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00									1	0	0.00
00720	CYANIDE, TOTAL	Fresh Acute	0.022	1	0	0.00	1	0	0.00								
		Drinking Water	0.2	1	0	0.00	1	0	0.00								
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	2	0	0.00	1	0	0.00						1	0	0.00
		Drinking Water	250.	2	0	0.00	1	0	0.00						1	0	0.00
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	2	0	0.00	1	0	0.00						1	0	0.00
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	2	0	0.00	1	0	0.00						1	0	0.00
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00	1	0	0.00								
		Drinking Water	50.	1	0	0.00	1	0	0.00								

& - 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: CANY0024

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00	1	0	0.00								
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00	1	0	0.00								
		Drinking Water	5.	1	0	0.00	1	0	0.00								
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00	1	0	0.00								
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00	1	0	0.00								
		Drinking Water	1300.	1	0	0.00	1	0	0.00								
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00	1	0	0.00								
		Drinking Water	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								
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00	1	0	0.00								
		Drinking Water	50.	1	0	0.00	1	0	0.00								
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	1	1.00	1	1	1.00								
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1	1	1.00	1	1	1.00								
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00								
71856	NITRITE NITROGEN, DISSOLVED (AS NO2)	Drinking Water	3.3	1	0	0.00	1	0	0.00								
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	1	0	0.00	1	0	0.00								
		Drinking Water	2.	1	0	0.00	1	0	0.00								

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

Station Inventory for Station: CANY0025

NPS Station ID: CANY0025
 Location: (D-32-20)29AD E. FORK SALT CREEK
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 14030005
 Major Basin: COLORADO RIVER
 Minor Basin: UPPER COLORADO RIVER
 RF1 Index: 14030005
 RF3 Index: 14070004002901.17

LAT/LON: 37.972865/-109.739087

Depth of Water: 0
 Elevation: 0

RF1 Mile Point: 0.000
 RF3 Mile Point: 2.36

Agency: 11NPSWRD
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): CANY_ERI_SC1A
 Within Park Boundary: Yes

Date Created: 08/21/99

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.80
 Distance from RF3: 0.11

On/Off RF1:
 On/Off RF3:

Description:

The station is located on the Cathedral Butte Utah 7.5 minute series (topographic) quadrangle. The site is the East Fork of Salt Creek next to a large marshy area (approximately 100 yards in diameter) in Canyonlands National Park. This section of stream is considered by the USGS to be ephemeral. It was flowing during sampling due to recent rain and snow. Rise is the appropriate classification. The marsh was assumed to be the formerly designated spring site SC-1. Source Type: Rise. The data are from the report "Water Resources Descriptions and Data Base Canyonlands National Park Needles District and Adjacent BLM Lands" prepared by Ecosystems Research Institute (October 1984). For information on Canyonlands National Park; contact the Chief of Resources at Canyonlands National Park; 2282 S. West Resource Blvd.; Moab UT 84532 (Tel. 801-259-7164). Data were processed and uploaded to STORET by Lisa Dummer; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: CANY0025

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/28/84-04/28/84	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	04/28/84-04/28/84	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
00094 SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	04/28/84-04/28/84	1	500.	500.	500.	500.	0.	0.	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	04/28/84-04/28/84	1	9.3	9.3	9.3	9.3	0.	0.	**	**	**	**
00406 PH, FIELD, STANDARD UNITS SU	04/28/84-04/28/84	1	9.3	9.3	9.3	9.3	0.	0.	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS	04/28/84-04/28/84	1	9.3	9.3	9.3	9.3	0.	0.	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/28/84-04/28/84	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0025

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00							1	0	0.00			
00406 PH, FIELD	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: CANY0026

NPS Station ID: CANY0026
Location: LOWER INDIAN CREEK
Station Type: /TYPA/AMBNT/STREAM
RMI-Indexes:

LAT/LON: 37.974170/-109.518616

Agency: 113FORS4
FIPS State/County: 49037 UTAH/SAN JUAN
STORET Station ID(s): 100501052451
Within Park Boundary: No

Date Created: 06/20/81

RMI-Miles:
HUC: 14030005
Major Basin: COLORADO RIVER
Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER
RF1 Index: 14030005005
RF3 Index: 14030005052100.00

Depth of Water: 0
Elevation: 0
RF1 Mile Point: 8.520
RF3 Mile Point: 3.59

Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.00
Distance from RF3: 0.00

On/Off RF1: OFF
On/Off RF3:

Description:
ESTABLISHED ON 06/02/80 FOR MONITORING BASELINE DATA FOR THE INDIAN CREEK DRAINAGE. LOCATED 5200 FEET NORTH 4690 FEET WEST FROM SE1/4 SE1/4 SEC 28 T32S R22E . ELEVATION IS 6280 FEET. GRAB SAMPLES ARE TAKEN AT THE FIRST OF EVERY MONTH, FOR 7 MONTHS, BEGINNING IN MAY. ANALYSIS IS DONE WITH HACH KIT, MILLIPORE, STANDARD OR EPA METHODS, DEPENDING UPON THE CONSTITUENT. STANDARD AND EPA METHOD ANALYSIS IS MADE BY A CERTIFIED LAB. SEE ALSO STATION 100501052251. FOR MORE INFORMATION, CALL FOREST HYDROLOGIST, MANTI-LASAL NATIONAL FOREST,801-637-2817.

Parameter Inventory for Station: CANY0026

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011 TEMPERATURE, WATER (DEGREES FAHRENHEIT)	06/02/80-10/15/80	6	51.5	53.833	72.	43.	128.567	11.339	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	06/02/80-10/15/80	6	9.	9.	10.	7.	1.2	1.095	**	**	**	**
00400 PH (STANDARD UNITS)	06/29/80-10/15/80	4	7.6	8.025	9.5	7.4	0.976	0.988	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	06/29/80-10/15/80	4	7.6	7.646	9.5	7.4	1.167	1.08	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/29/80-10/15/80	4	0.025	0.023	0.04	0.	0.	0.016	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	06/02/80-10/15/80	6	171.	168.167	222.	120.	1782.167	42.216	**	**	**	**
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/02/80-10/15/80	6	8.5	19.667	57.	1.	548.667	23.424	**	**	**	**
00550 OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC.,MG/L	06/02/80-09/29/80	2	0.405	0.405	0.8	0.01	0.312	0.559	**	**	**	**
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	06/02/80-10/15/80	6	0.01	0.027	0.06	0.01	0.001	0.026	**	**	**	**
00660 PHOSPHATE, ORTHO (MG/L AS PO4)	06/02/80-10/15/80	6	0.03	0.112	0.52	0.001	0.041	0.201	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	06/02/80-10/15/80	6	179.5	174.	257.	103.	3896.	62.418	**	**	**	**
00946 SULFATE, DISSOLVED (MG/L AS SO4)	06/02/80-06/02/80	1	10.5	10.5	10.5	10.5	0.	0.	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	06/02/80-09/29/80	2	0.125	0.125	0.15	0.1	0.001	0.035	**	**	**	**
01000 ARSENIC, DISSOLVED (UG/L AS AS)	06/02/80-06/02/80	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01005 BARIUM, DISSOLVED (UG/L AS BA)	09/29/80-09/29/80	1	342.	342.	342.	342.	0.	0.	**	**	**	**
01025 CADMIUM, DISSOLVED (UG/L AS CD)	06/02/80-06/02/80	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01032 CHROMIUM, HEXAVALENT (UG/L AS CR)	06/02/80-06/02/80	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01040 COPPER, DISSOLVED (UG/L AS CU)	09/29/80-09/29/80	1	2000.	2000.	2000.	2000.	0.	0.	**	**	**	**
01046 IRON, DISSOLVED (UG/L AS FE)	06/02/80-09/29/80	2	269.5	269.5	289.	250.	760.5	27.577	**	**	**	**
01049 LEAD, DISSOLVED (UG/L AS PB)	06/02/80-06/02/80	1	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
01056 MANGANESE, DISSOLVED (UG/L AS MN)	06/02/80-09/29/80	2	37.	37.	54.	20.	578.	24.042	**	**	**	**
01145 SELENIUM, DISSOLVED (UG/L AS SE)	06/02/80-09/29/80	2	1.	1.	1.	1.	0.	0.	**	**	**	**
03515 BETA, DISSOLVED GROSS, AS CS-137, PC/L	09/29/80-09/29/80	1	2.1	2.1	2.1	2.1	0.	0.	**	**	**	**
22601 URANIUM 238, TOTAL	09/29/80-09/29/80	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/02/80-10/15/80	6	239.	218.	255.	120.	2710.	52.058	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0026

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED																
	Other-Lo Lim.	4.	6	0	0.00	3	0	0.00	1	0	0.00				2	0	0.00
00400	PH																
	Fresh Chronic	9.	4	1	0.25	2	0	0.00	1	0	0.00				1	1	1.00
	Other-Lo Lim.	6.5	4	0	0.00	2	0	0.00	1	0	0.00				1	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N																
	Drinking Water	10.	6	0	0.00	3	0	0.00	1	0	0.00				2	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.	2	0	0.00	1	0	0.00							1	0	0.00
01000	ARSENIC, DISSOLVED																
	Fresh Acute	360.	1	0	0.00										1	0	0.00
	Drinking Water	50.	1	0	0.00										1	0	0.00
01005	BARIUM, DISSOLVED																
	Drinking Water	2000.	1	0	0.00	1	0	0.00									
01025	CADMIUM, DISSOLVED																
	Fresh Acute	3.9	1	0	0.00										1	0	0.00
	Drinking Water	5.	1	0	0.00										1	0	0.00
01032	CHROMIUM, HEXAVALENT																
	Fresh Acute	16.	1	0	0.00										1	0	0.00
	Drinking Water	100.	1	0	0.00										1	0	0.00
01040	COPPER, DISSOLVED																
	Fresh Acute	18.	1	1	1.00	1	1	1.00									
	Drinking Water	1300.	1	1	1.00	1	1	1.00									
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
01145	SELENIUM, DISSOLVED																
	Fresh Acute	20.	2	0	0.00	1	0	0.00							1	0	0.00
	Drinking Water	50.	2	0	0.00	1	0	0.00							1	0	0.00

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

Station Inventory for Station: CANY0027

NPS Station ID: CANY0027	LAT/LON: 37.975004/-109.518059	Agency: 112WRD	Date Created: 01/07/89
Location: INDIAN C AB COTTONWOOD CREEK, NR MONTICELLO, UT		FIPS State/County: 49037 UTAH/SAN JUAN	
Station Type: /TYPA/AMBNT/STREAM		STORET Station ID(s): 09186500	
RMI-Indexes:		Within Park Boundary: No	
RMI-Miles:			
HUC: 14030005	Depth of Water: 0	Aquifer:	
Major Basin:	Elevation: 0	Water Body Id:	
Minor Basin:		ECO Region:	
RF1 Index: 14030005	RF1 Mile Point: 0.000	Distance from RF1: 1.30	On/Off RF1:
RF3 Index: 14030005001707.16	RF3 Mile Point: 8.92	Distance from RF3: 0.04	On/Off RF3:
Description:			

Parameter Inventory for Station: CANY0027

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/29/88-08/28/91	25	13.	11.56	24.	0.	54.236	7.364	0.	5.5	15.5	21.6
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/29/88-08/28/91	25	22.	17.88	32.	-8.	117.298	10.83	7.	12.5	24.	30.
00061 FLOW, STREAM, INSTANTANEOUS CFS	06/29/88-08/28/91	25	1.	2.016	11.	0.1	6.441	2.538	0.26	0.35	2.5	6.
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/29/88-08/28/91	25	360.	330.	460.	160.	9083.333	95.307	170.	230.	405.	424.

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

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

Station Inventory for Station: CANY0028

NPS Station ID: CANY0028
 Location: INDIAN CK BL EXCLOSURE NR NEWSPAPER ROCK
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 14030005
 Major Basin:
 Minor Basin:
 RF1 Index:
 RF3 Index: 14070004002901.17
 Description:

LAT/LON: 37.978500/-109.517667

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 2.36

Agency: 21UTAH
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): 495589
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.80
 Distance from RF3: 0.11

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: CANY0028

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/06/93-11/30/99	10	13.35	10.79	19.8	0.5	65.421	8.088	0.55	2.05	17.85	19.62
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/06/93-11/30/99	9	18.	18.678	30.	5.2	66.699	8.167	5.2	13.1	26.7	30.
00061	FLOW, STREAM, INSTANTANEOUS CFS	07/06/93-08/19/99	3	6.7	8.567	17.9	1.1	73.173	8.554	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/06/93-11/30/99	11	4.99	18.206	76.9	0.82	816.906	28.582	0.849	2.09	17.2	76.18
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/06/93-11/30/99	10	390.	925.3	4050.	195.	1605825.344	1267.212	199.7	315.5	979.	3880.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/06/93-11/30/99	11	381.	372.636	523.	235.	6148.855	78.415	240.6	330.	415.	502.2
00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	07/06/93-11/30/99	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00300	OXYGEN, DISSOLVED MG/L	03/26/97-11/30/99	3	10.7	9.5	11.5	6.3	7.84	2.8	**	**	**	**
00400	PH (STANDARD UNITS)	07/06/93-11/30/99	11	8.35	8.297	8.5	7.67	0.047	0.216	7.796	8.3	8.38	8.482
00400	CONVERTED PH (STANDARD UNITS)	07/06/93-11/30/99	11	8.35	8.226	8.5	7.67	0.052	0.229	7.796	8.3	8.38	8.482
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/06/93-11/30/99	11	0.004	0.006	0.021	0.003	0.	0.005	0.003	0.004	0.005	0.018
00405	CARBON DIOXIDE (MG/L AS CO2)	07/06/93-11/30/99	11	1.	2.	8.	1.	4.2	2.049	1.	1.	2.	6.8
00406	PH, FIELD, STANDARD UNITS SU	07/06/93-11/30/99	9	8.6	8.511	9.5	7.7	0.231	0.481	7.7	8.25	8.65	9.5
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/06/93-11/30/99	9	8.6	8.3	9.5	7.7	0.281	0.53	7.7	8.25	8.65	9.5
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/06/93-11/30/99	9	0.003	0.005	0.02	0.	0.	0.006	0.	0.002	0.006	0.02
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	07/06/93-11/30/99	11	175.	170.545	246.	105.	1322.273	36.363	110.2	155.	190.	235.6
00440	BICARBONATE ION (MG/L AS HCO3)	07/06/93-11/30/99	11	214.	208.	300.	128.	1962.2	44.297	134.4	189.	232.	287.2
00445	CARBONATE ION (MG/L AS CO3)	07/06/93-11/30/99	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/06/93-11/30/99	11	21.2	42.482	173.	0.	3012.154	54.883	0.	4.	77.3	160.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/06/93-06/28/99	9##	0.025	0.028	0.056	0.025	0.	0.01	0.025	0.025	0.025	0.056
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/06/93-03/26/97	5	0.25	0.318	0.63	0.05	0.05	0.223	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/19/99-11/30/99	2##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/06/93-06/28/99	9##	0.01	0.025	0.05	0.01	0.	0.019	0.01	0.01	0.05	0.05
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/06/93-11/30/99	10	0.02	0.025	0.066	0.005	0.	0.021	0.006	0.01	0.034	0.065
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/06/93-06/28/99	9##	0.005	0.01	0.02	0.005	0.	0.006	0.005	0.005	0.016	0.02
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	07/06/93-11/30/99	11	178.6	177.109	262.1	112.1	2173.737	46.623	113.2	125.8	204.9	253.66
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	07/06/93-11/30/99	11	56.7	54.936	78.	38.	167.189	12.93	38.26	42.	64.	76.04
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/06/93-11/30/99	11	11.	9.735	16.4	4.2	14.219	3.771	4.312	5.1	12.1	15.56
00930	SODIUM, DISSOLVED (MG/L AS Na)	07/06/93-11/30/99	11	6.77	7.646	16.1	3.4	15.35	3.918	3.46	3.94	9.8	15.42
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/06/93-11/30/99	11##	0.5	0.931	1.9	0.5	0.299	0.547	0.5	0.5	1.59	1.84
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/06/93-11/30/99	11	3.5	3.514	6.9	0.25	4.562	2.136	0.5	1.5	5.5	6.82
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/06/93-11/30/99	11	28.7	28.737	46.11	15.69	66.294	8.142	16.592	24.2	33.9	44.168
01000	ARSENIC, DISSOLVED (UG/L AS AS)	07/06/93-11/30/99	11##	2.5	3.455	13.	2.5	10.023	3.166	2.5	2.5	2.5	10.9
01005	BARIUM, DISSOLVED (UG/L AS Ba)	07/06/93-11/30/99	11	110.	105.	210.	55.	1777.4	42.159	55.6	68.	120.	192.
01025	CADMIUM, DISSOLVED (UG/L AS Cd)	07/06/93-11/30/99	11##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/06/93-11/30/99	11##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
01040	COPPER, DISSOLVED (UG/L AS CU)	07/06/93-11/30/99	11##	6.	6.909	12.	6.	4.291	2.071	6.	6.	6.	11.6
01046	IRON, DISSOLVED (UG/L AS FE)	07/06/93-11/30/99	11##	10.	28.109	163.	10.	2090.011	45.717	10.	10.	20.	138.64

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

Parameter Inventory for Station: CANY0028

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01049 LEAD, DISSOLVED (UG/L AS PB)	07/06/93-11/30/99	11 ##	1.5	1.5	1.5	1.5	0.	0.	1.5	1.5	1.5	1.5
01056 MANGANESE, DISSOLVED (UG/L AS MN)	07/06/93-11/30/99	11	31.	61.036	380.	9.7	11488.637	107.185	9.7	10.	38.	318.
01075 SILVER, DISSOLVED (UG/L AS AG)	07/06/93-11/30/99	11 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
01090 ZINC, DISSOLVED (UG/L AS ZN)	07/06/93-11/30/99	11 ##	15.	16.364	30.	15.	20.455	4.523	15.	15.	15.	27.
01106 ALUMINUM, DISSOLVED (UG/L AS AL)	05/12/95-11/30/99	10 ##	15.	34.	180.	15.	2693.333	51.897	15.	15.	21.25	166.
01145 SELENIUM, DISSOLVED (UG/L AS SE)	07/06/93-11/30/99	11 ##	0.5	0.6	1.1	0.5	0.05	0.224	0.5	0.5	0.5	1.08
61027 ANIONS, SUM, TOTAL IN WATER MG/L	07/06/93-11/30/99	11	136.	134.818	188.	86.	769.764	27.745	87.8	126.	147.	181.8
61944 CATIONS, SUM, TOTAL IN WATER MG/L	07/06/93-11/30/99	11	73.	73.636	106.	47.	370.655	19.252	47.4	52.	88.	103.6
70300 RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	07/06/93-11/30/99	11	244.	226.909	314.	138.	2352.291	48.5	141.6	210.	252.	301.6
71890 MERCURY, DISSOLVED (UG/L AS HG)	07/06/93-11/30/99	11 ##	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1

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

EPA Water Quality Criteria Analysis for Station: CANY0028

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076 TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	11	2	0.18	2	1	0.50	5	1	0.20	2	0	0.00	2	0	0.00
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	3	0	0.00				3	0	0.00						
00400 PH	Fresh Chronic	9.	11	0	0.00	2	0	0.00	5	0	0.00	2	0	0.00	2	0	0.00
	Other-Lo Lim.	6.5	11	0	0.00	2	0	0.00	5	0	0.00	2	0	0.00	2	0	0.00
00406 PH, FIELD	Fresh Chronic	9.	9	1	0.11	1	0	0.00	5	0	0.00	1	0	0.00	2	1	0.50
	Other-Lo Lim.	6.5	9	0	0.00	1	0	0.00	5	0	0.00	1	0	0.00	2	0	0.00
00630 NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00	1	0	0.00	1	0	0.00						
00631 NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	9	0	0.00	1	0	0.00	4	0	0.00	2	0	0.00	2	0	0.00
00941 CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	11	0	0.00	2	0	0.00	5	0	0.00	2	0	0.00	2	0	0.00
	Drinking Water	250.	11	0	0.00	2	0	0.00	5	0	0.00	2	0	0.00	2	0	0.00
00946 SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	11	0	0.00	2	0	0.00	5	0	0.00	2	0	0.00	2	0	0.00
01000 ARSENIC, DISSOLVED	Fresh Acute	360.	11	0	0.00	2	0	0.00	5	0	0.00	2	0	0.00	2	0	0.00
	Drinking Water	50.	11	0	0.00	2	0	0.00	5	0	0.00	2	0	0.00	2	0	0.00
01005 BARIUM, DISSOLVED	Drinking Water	2000.	11	0	0.00	2	0	0.00	5	0	0.00	2	0	0.00	2	0	0.00
01025 CADMIUM, DISSOLVED	Fresh Acute	3.9	11	0	0.00	2	0	0.00	5	0	0.00	2	0	0.00	2	0	0.00
	Drinking Water	5.	11	0	0.00	2	0	0.00	5	0	0.00	2	0	0.00	2	0	0.00
01030 CHROMIUM, DISSOLVED	Drinking Water	100.	11	0	0.00	2	0	0.00	5	0	0.00	2	0	0.00	2	0	0.00
01040 COPPER, DISSOLVED	Fresh Acute	18.	11	0	0.00	2	0	0.00	5	0	0.00	2	0	0.00	2	0	0.00
	Drinking Water	1300.	11	0	0.00	2	0	0.00	5	0	0.00	2	0	0.00	2	0	0.00
01049 LEAD, DISSOLVED	Fresh Acute	82.	11	0	0.00	2	0	0.00	5	0	0.00	2	0	0.00	2	0	0.00
	Drinking Water	15.	11	0	0.00	2	0	0.00	5	0	0.00	2	0	0.00	2	0	0.00
01075 SILVER, DISSOLVED	Fresh Acute	4.1	11	0	0.00	2	0	0.00	5	0	0.00	2	0	0.00	2	0	0.00
	Drinking Water	100.	11	0	0.00	2	0	0.00	5	0	0.00	2	0	0.00	2	0	0.00
01090 ZINC, DISSOLVED	Fresh Acute	120.	11	0	0.00	2	0	0.00	5	0	0.00	2	0	0.00	2	0	0.00
	Drinking Water	5000.	11	0	0.00	2	0	0.00	5	0	0.00	2	0	0.00	2	0	0.00
01145 SELENIUM, DISSOLVED	Fresh Acute	20.	11	0	0.00	2	0	0.00	5	0	0.00	2	0	0.00	2	0	0.00
	Drinking Water	50.	11	0	0.00	2	0	0.00	5	0	0.00	2	0	0.00	2	0	0.00
71890 MERCURY, DISSOLVED	Fresh Acute	2.4	11	0	0.00	2	0	0.00	5	0	0.00	2	0	0.00	2	0	0.00
	Drinking Water	2.	11	0	0.00	2	0	0.00	5	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: CANY0029

NPS Station ID: CANY0029
 Location: (D-32-20)20DB
 Station Type: /TYPA/AMBNT/SPRING
 RMI-Indexes:
 RMI-Miles:
 HUC: 14030005
 Major Basin: COLORADO RIVER
 Minor Basin: UPPER COLORADO RIVER
 RF1 Index: 14030005
 RF3 Index: 14070004002901.17
 Description:

LAT/LON: 37.979698/-109.744754

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 2.36

Agency: 11NPSWRD
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): CANY_ERI_SC2
 Within Park Boundary: Yes

Date Created: 08/21/99

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.80
 Distance from RF3: 0.11

On/Off RF1:
 On/Off RF3:

The station is located on the Cathedral Butte Utah 7.5 minute series (topographic) quadrangle. The site is a spring located between the junction of Salt Creek and the East Fork Salt Creek approximately 150 meters from the east canyon wall in Canyonlands National Park. Area was characterized by riparian vegetation including Salix; Juncus; and Typha. Bacteriological samples were held longer than 30 hours. Flow measured as velocity X width X average depth. Formation: Alluvium/Cedar Mesa. The data are from the report "Water Resources Descriptions and Data Base Canyonlands National Park Needles District and Adjacent BLM Lands" prepared by Ecosystems Research Institute (October 1984). For information on Canyonlands National Park; contact the Chief of Resources at Canyonlands National Park; 2282 S. West Resource Blvd.; Moab UT 84532 (Tel. 801-259-7164). Data were processed and uploaded to STORET by Lisa Dummer; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: CANY0029

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/28/84-04/28/84	1	11.5	11.5	11.5	11.5	0.	0.	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	04/28/84-04/28/84	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	04/28/84-04/28/84	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00406 PH, FIELD, STANDARD UNITS SU	04/28/84-04/28/84	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS	04/28/84-04/28/84	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/28/84-04/28/84	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	04/28/84-04/28/84	1	241.	241.	241.	241.	0.	0.	**	**	**	**
00515 RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	04/28/84-04/28/84	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00600 NITROGEN, TOTAL (MG/L AS N)	04/28/84-04/28/84	1	2.1	2.1	2.1	2.1	0.	0.	**	**	**	**
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/28/84-04/28/84	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00615 NITRITE NITROGEN, TOTAL (MG/L AS N)	04/28/84-04/28/84	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	04/28/84-04/28/84	1	0.946	0.946	0.946	0.946	0.	0.	**	**	**	**
00665 PHOSPHORUS, TOTAL (MG/L AS P)	04/28/84-04/28/84	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00680 CARBON, TOTAL ORGANIC (MG/L AS C)	04/28/84-04/28/84	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	04/28/84-04/28/84	1	263.	263.	263.	263.	0.	0.	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	04/28/84-04/28/84	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	04/28/84-04/28/84	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00946 SULFATE, DISSOLVED (MG/L AS SO4)	04/28/84-04/28/84	1	37.	37.	37.	37.	0.	0.	**	**	**	**
01516 ALPHA, SUSPEND GROSS, AS URANIUM NATURAL, PC/L	04/28/84-04/28/84	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: CANY0029

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
03516 BETA, SUSPENDED GROSS, AS CS-137, PC/L	04/28/84-04/28/84	1	10.	10.	10.	10.	0.	0.	**	**	**	**
31501 COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/28/84-04/28/84	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31501 LOG COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,3	04/28/84-04/28/84	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31501 GM COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.								
31616 FECAL COLIFORM, MEMBR FILTER,M-FC BROTH,44.5 C	04/28/84-04/28/84	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31616 LOG FECAL COLIFORM, MEMBR FILTER,M-FC BROTH,44.5 C	04/28/84-04/28/84	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31616 GM FECAL COLIFORM, MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.								
50786 ORTHOPHOSPHATE AS P, WATER MG/L	04/28/84-04/28/84	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/28/84-04/28/84	1	293.	293.	293.	293.	0.	0.	**	**	**	**
70953 CHLOROPHYLL-A,PHYTOPLANKTON UG/L,CHROMO-FLUORO	04/28/84-04/28/84	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**

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EPA Water Quality Criteria Analysis for Station: CANY0029

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	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			
00615 NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	0	0.00							1	0	0.00			
00620 NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00							1	0	0.00			
00941 CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
	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			
31501 COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	0	0.00							1	0	0.00			
31616 FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: CANY0030

NPS Station ID: CANY0030
 Location: INDIAN CREEK AT KELLY RANCH
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 14030005
 Major Basin:
 Minor Basin:
 RF1 Index:
 RF3 Index: 14030005051700.00
 Description:

LAT/LON: 37.984167/-109.515500

Depth of Water: 0
 Elevation: 0

RF1 Mile Point: 0.000
 RF3 Mile Point: 0.02

Agency: 21UTAH
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): 495579
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.02

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: CANY0030

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/02/77-06/24/98	22	12.01	11.564	23.	0.25	38.82	6.231	1.835	6.19	15.5	20.21
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/21/78-06/24/98	11	5.	12.227	31.8	1.2	172.564	13.136	1.32	2.	30.2	31.64
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/02/77-06/24/98	23	2.85	327.117	6300.	0.38	1738320.34	1318.454	0.7	1.48	6.5	633.44
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/21/78-06/24/98	21	378.	389.571	800.	183.	24226.757	155.649	201.6	265.5	453.	654.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/02/77-06/24/98	24	370.	378.708	800.	207.	14641.868	121.004	218.5	320.5	445.75	472.5
00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	06/12/86-06/24/98	15	0.	8.467	127.	0.	1075.267	32.791	0.	0.	0.	50.8
00300	OXYGEN, DISSOLVED MG/L	08/02/77-06/24/98	22	8.645	8.692	10.6	6.	1.644	1.282	6.64	7.75	9.825	10.251
00310	BOD, 5 DAY, 20 DEG C MG/L	08/02/77-07/29/80	4 ##	0.5	0.875	2.	0.5	0.563	0.75	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	08/02/77-06/12/86	6	24.	22.583	41.	6.	191.242	13.829	**	**	**	**
00400	PH (STANDARD UNITS)	08/02/77-06/24/98	19	8.28	8.286	8.7	7.68	0.045	0.211	8.13	8.2	8.39	8.6
00400	CONVERTED PH (STANDARD UNITS)	08/02/77-06/24/98	19	8.28	8.23	8.7	7.68	0.048	0.219	8.13	8.2	8.39	8.6
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/02/77-06/24/98	19	0.005	0.006	0.021	0.002	0.	0.004	0.003	0.004	0.006	0.007
00405	CARBON DIOXIDE (MG/L AS CO2)	08/02/77-06/03/98	24	2.	2.625	18.	1.	12.071	3.474	1.	1.	2.	5.
00406	PH, FIELD, STANDARD UNITS SU	03/27/79-06/24/98	18	8.385	8.513	10.04	7.43	0.36	0.6	7.853	8.288	8.622	9.644
00406	CONVERTED PH, FIELD, STANDARD UNITS	03/27/79-06/24/98	18	8.385	8.227	10.04	7.43	0.447	0.669	7.853	8.288	8.622	9.644
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/27/79-06/24/98	18	0.004	0.006	0.037	0.	0.	0.008	0.	0.002	0.005	0.015
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/02/77-06/24/98	23	167.	161.652	226.	91.	1482.783	38.507	96.8	147.	187.	213.2
00440	BICARBONATE ION (MG/L AS HCO3)	08/02/77-06/24/98	23	204.	190.217	276.	0.	3811.542	61.738	111.4	178.	228.	260.
00445	CARBONATE ION (MG/L AS CO3)	08/01/79-06/24/98	17	0.	0.471	6.	0.	2.265	1.505	0.	0.	0.	2.8
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/02/77-06/24/98	22	6.9	592.373	9930.	0.	4598986.831	2144.525	0.	0.	26.	1753.41
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/02/77-06/24/98	20 ##	0.038	0.094	0.8	0.025	0.031	0.177	0.025	0.025	0.066	0.28
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/02/77-09/17/86	9 ##	0.025	0.023	0.05	0.005	0.	0.013	0.005	0.015	0.025	0.05
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/21/78-09/17/86	8	0.045	0.089	0.3	0.02	0.009	0.097	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/02/77-06/12/86	9	0.1	0.383	1.9	0.05	0.357	0.597	0.05	0.05	0.45	1.9
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/27/79-09/18/97	7	0.05	0.187	1.05	0.01	0.146	0.382	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/31/97-06/24/98	11 ##	0.01	0.322	2.99	0.01	0.791	0.889	0.01	0.01	0.1	2.454
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/27/79-06/24/98	13	0.026	0.281	2.2	0.008	0.405	0.636	0.009	0.015	0.107	1.721
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/28/97-06/24/98	8 ##	0.01	0.008	0.012	0.005	0.	0.003	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/21/78-07/29/82	6	5.2	8.133	25.4	1.	76.923	8.771	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	08/02/77-06/24/98	23	177.1	179.217	240.	106.	1695.133	41.172	110.54	165.	218.6	233.6
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	08/02/77-06/24/98	23	56.	53.887	70.	35.9	112.298	10.597	36.4	45.	63.4	67.6
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/02/77-06/24/98	23	10.9	10.88	18.	3.94	19.5	4.416	4.256	7.45	14.2	17.6
00930	SODIUM, DISSOLVED (MG/L AS Na)	08/02/77-06/24/98	23	8.	7.835	13.	3.21	9.119	3.02	3.762	4.92	9.68	12.6
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/02/77-06/24/98	23	1.	1.257	6.	0.5	1.445	1.202	0.5	0.5	1.08	2.678
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/02/77-06/24/98	23	3.5	3.478	8.	1.	3.715	1.928	1.5	1.5	4.	6.9
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/02/77-06/24/98	23	25.	26.287	55.	5.	207.268	14.397	8.48	15.5	37.	51.8
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/02/77-03/25/81	7	0.16	0.169	0.22	0.13	0.001	0.037	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SiO2)	08/02/77-03/25/81	7	12.	12.571	15.	11.	1.619	1.272	**	**	**	**

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

Parameter Inventory for Station: CANY0030

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
01000	ARSENIC, DISSOLVED (UG/L AS AS)	03/25/81-05/06/98	5 ##	2.5	2.4	2.5	2.	0.05	0.224	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	03/25/81-05/06/98	5	100.	88.8	130.	25.	1609.7	40.121	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	08/02/77-03/25/81	7	55.	50.	85.	25.	425.	20.616	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	03/25/81-05/06/98	5 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	03/25/81-05/06/98	5 ##	2.5	4.6	13.	2.5	22.05	4.696	**	**	**	**
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	03/21/78-03/25/81	6 ##	2.5	2.917	5.	2.5	1.042	1.021	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	03/25/81-05/06/98	5 ##	6.	5.8	6.	5.	0.2	0.447	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	03/21/78-05/06/98	6	12.5	19.917	42.7	10.	195.898	13.996	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	03/25/81-05/06/98	5 ##	1.5	1.7	2.5	1.5	0.2	0.447	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/25/81-05/06/98	5	14.	58.6	150.	5.	4461.8	66.797	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	03/25/81-03/25/81	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	03/25/81-05/06/98	5 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	03/25/81-05/06/98	5 ##	15.	12.5	15.	2.5	31.25	5.59	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/31/97-05/06/98	4 ##	15.	30.75	78.	15.	992.25	31.5	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	03/25/81-05/06/98	5 ##	0.5	0.6	1.	0.5	0.05	0.224	**	**	**	**
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	03/21/78-09/22/87	9 ##	0.5	0.444	1.	0.25	0.059	0.243	0.25	0.25	0.5	1.
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	08/02/77-03/25/81	5	430.	1480.	4300.	40.	3384350.	1839.66	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	08/02/77-03/25/81	5	2.633	2.722	3.633	1.602	0.664	0.815	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			527.457								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	03/27/79-03/25/81	4 ##	11.5	608.625	2400.	11.5	1426233.063	1194.25	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	03/27/79-03/25/81	4 ##	1.061	1.641	3.38	1.061	1.345	1.16	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			43.71								
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	03/27/79-03/27/79	1 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
61027	ANIONS, SUM, TOTAL IN WATER MG/L	07/31/97-06/24/98	12	115.	112.833	155.	68.	955.061	30.904	68.	82.75	142.5	153.2
61944	CATIONS, SUM, TOTAL IN WATER, MG/L	07/31/97-06/24/98	12	72.	68.75	90.	44.	269.114	16.405	44.3	50.75	81.5	89.7
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/02/77-06/24/98	24	228.	223.	290.	134.	2368.087	48.663	142.	199.	265.	283.
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/02/77-06/12/86	8 ##	0.01	0.014	0.02	0.008	0.	0.005	**	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	07/31/97-05/06/98	4 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/21/78-09/22/87	9	3.	4.083	10.	0.25	9.531	3.087	0.25	3.	5.75	10.
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	03/21/78-09/22/87	9	0.05	0.191	1.18	0.025	0.14	0.374	0.025	0.025	0.13	1.18
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/21/78-09/22/87	9 ##	0.5	1.389	4.	0.5	1.736	1.318	0.5	0.5	2.5	4.
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/21/78-09/22/87	9 ##	2.5	6.389	20.	2.5	36.111	6.009	2.5	2.5	10.	20.
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/21/78-09/22/87	9 ##	10.	8.889	25.	2.5	47.049	6.859	2.5	3.75	10.	25.
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	08/02/77-09/22/87	11	0.13	1.238	12.2	0.04	13.23	3.637	0.042	0.065	0.25	9.84
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/21/78-09/22/87	9 ##	2.5	6.944	20.	2.5	55.903	7.477	2.5	2.5	12.5	20.
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/02/77-09/22/87	10	79.	384.9	2090.	10.	430113.878	655.831	11.5	33.25	497.5	1969.
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/21/78-09/22/87	10 ##	0.075	0.175	0.9	0.05	0.068	0.262	0.05	0.05	0.2	0.83
82715	NICKEL, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/21/78-07/29/82	6 ##	12.5	15.	30.	5.	107.5	10.368	**	**	**	**
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/02/77-09/22/87	10 ##	1.	2.6	10.	1.	8.433	2.904	1.	1.	3.125	9.5
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/02/77-09/22/87	10	8.75	25.45	115.	5.	1442.025	37.974	5.	5.	30.	111.

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

EPA Water Quality Criteria Analysis for Station: CANY0030

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
							Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	23	4	0.17	9	2	0.22	8	0	0.00	3	2	0.67	3	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	22	0	0.00	8	0	0.00	8	0	0.00	3	0	0.00	3	0	0.00
00400	PH	Fresh Chronic	9.	19	0	0.00	8	0	0.00	6	0	0.00	3	0	0.00	2	0	0.00
00406	PH, FIELD	Other-Lo Lim.	6.5	19	0	0.00	8	0	0.00	6	0	0.00	3	0	0.00	2	0	0.00
		Fresh Chronic	9.	18	3	0.17	5	0	0.00	7	1	0.14	3	0	0.00	3	2	0.67
		Other-Lo Lim.	6.5	18	0	0.00	5	0	0.00	7	0	0.00	3	0	0.00	3	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	9	0	0.00	4	0	0.00	4	0	0.00				1	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	8	0	0.00	3	0	0.00	4	0	0.00				1	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	7	0	0.00	4	0	0.00	3	0	0.00						
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	11	0	0.00	2	0	0.00	4	0	0.00	3	0	0.00	2	0	0.00
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	23	0	0.00	9	0	0.00	8	0	0.00	3	0	0.00	3	0	0.00
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	23	0	0.00	9	0	0.00	8	0	0.00	3	0	0.00	3	0	0.00
		Drinking Water	250.	23	0	0.00	9	0	0.00	8	0	0.00	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: CANY0030

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00950 FLUORIDE, DISSOLVED AS F	Drinking Water	4.	7	0	0.00	3	0	0.00	4	0	0.00						
01000 ARSENIC, DISSOLVED	Fresh Acute	360.	5	0	0.00	1	0	0.00	3	0	0.00	1	0	0.00			
	Drinking Water	50.	5	0	0.00	1	0	0.00	3	0	0.00	1	0	0.00			
01005 BARIUM, DISSOLVED	Drinking Water	2000.	5	0	0.00	1	0	0.00	3	0	0.00	1	0	0.00			
01025 CADMIUM, DISSOLVED	Fresh Acute	3.9	5	0	0.00	1	0	0.00	3	0	0.00	1	0	0.00			
	Drinking Water	5.	5	0	0.00	1	0	0.00	3	0	0.00	1	0	0.00			
01030 CHROMIUM, DISSOLVED	Drinking Water	100.	5	0	0.00	1	0	0.00	3	0	0.00	1	0	0.00			
01032 CHROMIUM, HEXAVALENT	Fresh Acute	16.	6	0	0.00	2	0	0.00	4	0	0.00						
	Drinking Water	100.	6	0	0.00	2	0	0.00	4	0	0.00						
01040 COPPER, DISSOLVED	Fresh Acute	18.	5	0	0.00	1	0	0.00	3	0	0.00	1	0	0.00			
	Drinking Water	1300.	5	0	0.00	1	0	0.00	3	0	0.00	1	0	0.00			
01049 LEAD, DISSOLVED	Fresh Acute	82.	5	0	0.00	1	0	0.00	3	0	0.00	1	0	0.00			
	Drinking Water	15.	5	0	0.00	1	0	0.00	3	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	5	0	0.00	1	0	0.00	3	0	0.00	1	0	0.00			
	Drinking Water	100.	5	0	0.00	1	0	0.00	3	0	0.00	1	0	0.00			
01090 ZINC, DISSOLVED	Fresh Acute	120.	5	0	0.00	1	0	0.00	3	0	0.00	1	0	0.00			
	Drinking Water	5000.	5	0	0.00	1	0	0.00	3	0	0.00	1	0	0.00			
01145 SELENIUM, DISSOLVED	Fresh Acute	20.	5	0	0.00	1	0	0.00	3	0	0.00	1	0	0.00			
	Drinking Water	50.	5	0	0.00	1	0	0.00	3	0	0.00	1	0	0.00			
01167 SELENIUM, ACID SOLUBLE, WATER, WHOLE	Fresh Acute	20.	9	0	0.00	5	0	0.00	3	0	0.00				1	0	0.00
	Drinking Water	50.	9	0	0.00	5	0	0.00	3	0	0.00				1	0	0.00
31506 COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	5	2	0.40	2	2	1.00	3	0	0.00						
31614 FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	4	1	0.25	1	1	1.00	3	0	0.00						
71890 MERCURY, DISSOLVED	Fresh Acute	2.4	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
	Drinking Water	2.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
82702 ARSENIC, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	360.	9	0	0.00	5	0	0.00	3	0	0.00				1	0	0.00
	Drinking Water	50.	9	0	0.00	5	0	0.00	3	0	0.00				1	0	0.00
82703 BARIUM, FIELD ACIDIFIED, DECANTED, WATER	Drinking Water	2.	9	0	0.00	5	0	0.00	3	0	0.00				1	0	0.00
82705 CADMIUM, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	3.9	9	1	0.11	5	0	0.00	3	1	0.33				1	0	0.00
	Drinking Water	5.	9	0	0.00	5	0	0.00	3	0	0.00				1	0	0.00
82706 CHROMIUM, FIELD ACIDIFIED, DECANTED, WAT	Drinking Water	100.	9	0	0.00	5	0	0.00	3	0	0.00				1	0	0.00
82708 COPPER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	18.	9	1	0.11	5	1	0.20	3	0	0.00				1	0	0.00
	Drinking Water	1300.	9	0	0.00	5	0	0.00	3	0	0.00				1	0	0.00
82711 LEAD, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	82.	9	0	0.00	5	0	0.00	3	0	0.00				1	0	0.00
	Drinking Water	15.	9	2	0.22	5	1	0.20	3	1	0.33				1	0	0.00
82713 MERCURY, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	2.4	10	0	0.00	5	0	0.00	4	0	0.00				1	0	0.00
	Drinking Water	2.	10	0	0.00	5	0	0.00	4	0	0.00				1	0	0.00
82715 NICKEL, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	1400.	6	0	0.00	3	0	0.00	3	0	0.00						
	Drinking Water	100.	6	0	0.00	3	0	0.00	3	0	0.00						
82716 SILVER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	4.1	10	2	0.20	6	1	0.17	3	1	0.33				1	0	0.00
	Drinking Water	100.	10	0	0.00	6	0	0.00	3	0	0.00				1	0	0.00
82719 ZINC, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	120.	10	0	0.00	6	0	0.00	3	0	0.00				1	0	0.00
	Drinking Water	5000.	10	0	0.00	6	0	0.00	3	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: CANY0031

NPS Station ID: CANY0031
 Location: HOME WATER SPRING
 Station Type: /TYPA/AMBNT/SPRING
 RMI-Indexes:
 RMI-Miles:
 HUC: 14070001
 Major Basin: COLORADO RIVER
 Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER
 RF1 Index: 14070001
 RF3 Index: 14070004002901.17
 Description:

LAT/LON: 37.986976/-109.899338

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 2.36

Agency: 11NPSWRD
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): CANY_NPS_43
 Within Park Boundary: No

Date Created: 08/02/99

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.80
 Distance from RF3: 0.11

On/Off RF1:
 On/Off RF3:

THE STATION IS LOCATED ON THE FABLE VALLEY UTAH 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT HOME WATER SPRING OUTSIDE THE CANYONLANDS NATIONAL PARK. THE DATA ARE FROM THE REPORT "GROUND WATER RESOURCES IN THE PART OF CANYONLANDS NATIONAL PARK EAST OF THE COLORADO RIVER AND CONTIGUOUS BUREAU OF LAND MANAGEMENT LANDS; UTAH" BY H.R. RICHTER, JR. (APRIL 1980). THE PURPOSE OF THE REPORT IS "TO (1) DESCRIBE THE OCCURRENCE AND CIRCULATION OF GROUND WATER AND (2) IDENTIFY POTENTIALLY DEVELOPABLE GROUND WATER SUPPLIES." FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT CANYONLANDS NATIONAL PARK; 2282 S. WEST RESOURCE BLVD.; MOAB UT 84532 (TEL. 801-259-7164). DATA WERE PROCESSED AND UPLOADED TO STORET BY LISA DUMMER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: CANY0031

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/15/78-06/15/78	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00058 FLOW, RATE GALLONS/MIN	06/15/78-06/15/78	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/15/78-06/15/78	1	665.	665.	665.	665.	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	06/15/78-06/15/78	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	06/15/78-06/15/78	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/15/78-06/15/78	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
00440 BICARBONATE ION (MG/L AS HCO3)	06/15/78-06/15/78	1	320.	320.	320.	320.	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	06/15/78-06/15/78	1	290.	290.	290.	290.	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	06/15/78-06/15/78	1	51.	51.	51.	51.	0.	0.	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	06/15/78-06/15/78	1	39.	39.	39.	39.	0.	0.	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	06/15/78-06/15/78	1	31.	31.	31.	31.	0.	0.	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	06/15/78-06/15/78	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	06/15/78-06/15/78	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00946 SULFATE, DISSOLVED (MG/L AS SO4)	06/15/78-06/15/78	1	59.	59.	59.	59.	0.	0.	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	06/15/78-06/15/78	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SiO2)	06/15/78-06/15/78	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
01020 BORON, DISSOLVED (UG/L AS B)	06/15/78-06/15/78	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
70300 RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	06/15/78-06/15/78	1	378.	378.	378.	378.	0.	0.	**	**	**	**
71851 NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/15/78-06/15/78	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: CANY0031

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
							Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	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
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
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: CANY0032

NPS Station ID: CANY0032
 Location: (D-32-20)13CC
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 14030005
 Major Basin: COLORADO RIVER
 Minor Basin: UPPER COLORADO RIVER
 RF1 Index: 14030005
 RF3 Index: 14070004002901.17
 Description:

LAT/LON: 37.990476/-109.679642

Depth of Water: 0
 Elevation: 0

RF1 Mile Point: 0.000
 RF3 Mile Point: 2.36

Agency: 11NPSWRD
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): CANY_ERI_LC1A
 Within Park Boundary: Yes

Date Created: 08/21/99

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.80
 Distance from RF3: 0.11

On/Off RF1:
 On/Off RF3:

The station is located on the Cathedral Butte Utah 7.5 minute series (topographic) quadrangle. The site is an alluvial rise at the head of Lavender Canyon in the eastern fork in Canyonlands National Park. The rise is approximately 1/2 mile in length and probably ephemeral resulting from recent rain (0.36 inches on 4/19/1984). Flow was measured in a 90 degree triangular notch weir. Source Type: Rise. Formation: Alluvium. Position: Stream channel. Substrate: Sand. The data are from the report "Water Resources Descriptions and Data Base Canyonlands National Park Needles District and Adjacent BLM Lands" prepared by Ecosystems Research Institute (October 1984). For information on Canyonlands National Park; contact the Chief of Resources at Canyonlands National Park; 2282 S. West Resource Blvd.; Moab UT 84532 (Tel. 801-259-7164). Data were processed and uploaded to STORET by Lisa Dummer; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: CANY0032

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/22/84-04/22/84	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	04/22/84-04/22/84	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	04/22/84-04/22/84	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00406 PH, FIELD, STANDARD UNITS SU	04/22/84-04/22/84	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS	04/22/84-04/22/84	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/22/84-04/22/84	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0032

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	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: CANY0033

NPS Station ID: CANY0033
Location: C16911
Station Type: /TYPA/AMBNT/SPRING
RMI-Indexes:
RMI-Miles:
HUC: 14030005
Major Basin: COLORADO RIVER
Minor Basin: UPPER COLORADO RIVER
RF1 Index: 14030005
RF3 Index: 14070004002901.17
Description:
THE STATION IS LOCATED ON THE SOUTH SIX-SHOOTER PEAK UTAH 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT A SPRING AND IS INSIDE OF THE CANYONLANDS NATIONAL PARK. EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO ONE WITH REAGENT-GRADE NITRIC ACID. 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 STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "LASLID" ENTRY (LOS ALAMOS SCIENTIFIC LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY LISA DUMMER; NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

LAT/LON: 38.004198/-109.668893

Depth of Water: 0
Elevation: 0

RF1 Mile Point: 0.000
RF3 Mile Point: 2.36

Agency: 11NPSWRD
FIPS State/County: 49037 UTAH/SAN JUAN
STORET Station ID(s): CANY_NURE_11 /1041131
Within Park Boundary: Yes

Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.80
Distance from RF3: 0.11

Date Created: 01/30/99

On/Off RF1:
On/Off RF3:

Parameter Inventory for Station: CANY0033

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/28/78-06/28/78	1	22.	22.	22.	22.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/28/78-06/28/78	1	93.	93.	93.	93.	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	06/28/78-06/28/78	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	06/28/78-06/28/78	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/28/78-06/28/78	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS CA)	06/28/78-06/28/78	1	62.1	62.1	62.1	62.1	0.	0.	**	**	**	**
01030 CHROMIUM, DISSOLVED (UG/L AS CR)	06/28/78-06/28/78	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01035 COBALT, DISSOLVED (UG/L AS CO)	06/28/78-06/28/78	1	536.	536.	536.	536.	0.	0.	**	**	**	**
01040 COPPER, DISSOLVED (UG/L AS CU)	06/28/78-06/28/78	1	8.	8.	8.	8.	0.	0.	**	**	**	**
01046 IRON, DISSOLVED (UG/L AS FE)	06/28/78-06/28/78	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

EPA Water Quality Criteria Analysis for Station: CANY0033

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
							Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	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
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

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

Station Inventory for Station: CANY0034

NPS Station ID: CANY0034
Location: C17088
Station Type: /TYPA/AMBNT/STREAM
RMI-Indexes:
RMI-Miles:
HUC: 14030005
Major Basin: COLORADO RIVER
Minor Basin: UPPER COLORADO RIVER
RF1 Index: 14030005
RF3 Index: 14070004002901.17
Description:
THE STATION IS LOCATED ON THE HARTS POINT SOUTH; UTAH 7.5 MINUTE
OF THE CANYONLANDS NATIONAL PARK. EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO
ONE WITH REAGENT-GRADE NITRIC ACID. 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 STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" ENTRY WAS USED TO CREATE THE SECONDARY STATION
NAME. THE "LASLID" ENTRY (LOS ALAMOS SCIENTIFIC LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE
ANALYZED BY LOS ALAMOS SCIENTIFIC LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY LISA DUMMER; NPS-WRD; 1201 OAK RIDGE DRIVE
SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

LAT/LON: 38.004392/-109.534698

Agency: 11NPSWRD
FIPS State/County: 49037 UTAH/SAN JUAN
STORET Station ID(s): CANY_NURE_21 /1041152
Within Park Boundary: No

Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.80
Distance from RF3: 0.11

Date Created: 01/30/99

On/Off RF1:
On/Off RF3:

Parameter Inventory for Station: CANY0034

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/17/78-06/17/78	1	14.5	14.5	14.5	14.5	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/17/78-06/17/78	1	260.	260.	260.	260.	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	06/17/78-06/17/78	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	06/17/78-06/17/78	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/17/78-06/17/78	1	0.063	0.063	0.063	0.063	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS CA)	06/17/78-06/17/78	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01030 CHROMIUM, DISSOLVED (UG/L AS CR)	06/17/78-06/17/78	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01035 COBALT, DISSOLVED (UG/L AS CO)	06/17/78-06/17/78	1 ##	27.5	27.5	27.5	27.5	0.	0.	**	**	**	**
01040 COPPER, DISSOLVED (UG/L AS CU)	06/17/78-06/17/78	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01046 IRON, DISSOLVED (UG/L AS FE)	06/17/78-06/17/78	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

EPA Water Quality Criteria Analysis for Station: CANY0034

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
							Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	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
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

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

Station Inventory for Station: CANY0035

NPS Station ID: CANY0035
 Location: (D-32-17) 8DC -S
 Station Type: /TYPA/AMBNT/SPRING
 RMI-Indexes:
 RMI-Miles:
 HUC: 14070001
 Major Basin:
 Minor Basin:
 RF1 Index: 14070001
 RF3 Index: 14030005008800.00
 Description:

LAT/LON: 38.006115/-110.072226

Depth of Water: 0
 Elevation: 0

RF1 Mile Point: 0.000
 RF3 Mile Point: 0.00

Agency: 112WRD
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): 380022110042001
 Within Park Boundary: No

Date Created: 11/07/81

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.01

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: CANY0035

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/02/48-10/02/48	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/02/48-10/02/48	1	3840.	3840.	3840.	3840.	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	10/02/48-10/02/48	1	168.	168.	168.	168.	0.	0.	**	**	**	**
00440 BICARBONATE ION (MG/L AS HCO3)	10/02/48-10/02/48	1	205.	205.	205.	205.	0.	0.	**	**	**	**
00445 CARBONATE ION (MG/L AS CO3)	10/02/48-10/02/48	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00618 NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/02/48-10/02/48	1	0.32	0.32	0.32	0.32	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	10/02/48-10/02/48	1	1330.	1330.	1330.	1330.	0.	0.	**	**	**	**
00902 HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	10/02/48-10/02/48	1	1160.	1160.	1160.	1160.	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	10/02/48-10/02/48	1	375.	375.	375.	375.	0.	0.	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS Mg)	10/02/48-10/02/48	1	95.	95.	95.	95.	0.	0.	**	**	**	**
00932 SODIUM, PERCENT	10/02/48-10/02/48	1	41.	41.	41.	41.	0.	0.	**	**	**	**
00933 SODIUM,PLUS POTASSIUM (MG/L)	10/02/48-10/02/48	1	432.	432.	432.	432.	0.	0.	**	**	**	**
00940 CHLORIDE,TOTAL IN WATER MG/L	10/02/48-10/02/48	1	638.	638.	638.	638.	0.	0.	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	10/02/48-10/02/48	1	1150.	1150.	1150.	1150.	0.	0.	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SiO2)	10/02/48-10/02/48	1	17.	17.	17.	17.	0.	0.	**	**	**	**
70301 SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/02/48-10/02/48	1	2810.	2810.	2810.	2810.	0.	0.	**	**	**	**
71850 NITRATE NITROGEN,TOTAL (MG/L AS NO3)	10/02/48-10/02/48	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
71851 NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/02/48-10/02/48	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0035

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00618 NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940 CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
	Drinking Water	250.	1	1	1.00	1	1	1.00									
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	1	1.00	1	1	1.00									
71850 NITRATE NITROGEN, TOTAL (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									
71851 NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: CANY0036

NPS Station ID: CANY0036
 Location: (D-32-22)8CC BLM #158 (SHAY CANYON)
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 14030005
 Major Basin: COLORADO RIVER
 Minor Basin: UPPER COLORADO RIVER
 RF1 Index: 14030005
 RF3 Index: 14070004002901.17

LAT/LON: 38.006503/-109.536753

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 2.36

Agency: 11NPSWRD
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): CANY_ERI_IC2
 Within Park Boundary: No

Date Created: 08/21/99

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.80
 Distance from RF3: 0.11

On/Off RF1:
 On/Off RF3:

Description:
 The station is located on the Harts Point South Utah 7.5 minute series (topographic) quadrangle. The site is at BLM #158 (Shay Canyon) outside Canyonlands National Park. The data are from the report "Water Resources Descriptions and Data Base Canyonlands National Park Needles District and Adjacent BLM Lands" prepared by Ecosystems Research Institute (October 1984). For information on Canyonlands National Park; contact the Chief of Resources at Canyonlands National Park; 2282 S. West Resource Blvd.; Moab UT 84532 (Tel. 801-259-7164). Data were processed and uploaded to STORET by Lisa Dummer; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: CANY0036

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/29/76-08/01/77	3	22.5	18.833	27.	7.	110.083	10.492	**	**	**	**
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/29/76-08/01/77	3	30.	26.167	31.	17.5	56.583	7.522	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	06/29/76-03/24/77	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00094 SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	03/24/77-03/24/77	1	445.	445.	445.	445.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/24/77-03/24/77	1	453.	453.	453.	453.	0.	0.	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	06/29/76-03/24/77	2	10.	10.	11.	9.	2.	1.414	**	**	**	**
00405 CARBON DIOXIDE (MG/L AS CO2)	06/29/76-06/29/76	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00406 PH, FIELD, STANDARD UNITS SU	06/29/76-03/24/77	2	8.35	8.35	8.9	7.8	0.605	0.778	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS	06/29/76-03/24/77	2	8.068	8.068	8.9	7.8	0.764	0.874	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/29/76-03/24/77	2	0.009	0.009	0.016	0.001	0.	0.01	**	**	**	**
00431 ALKALINITY TOTAL FIELD, (MG/L AS CaCO3)	06/29/76-06/29/76	1	160.	160.	160.	160.	0.	0.	**	**	**	**
00440 BICARBONATE ION (MG/L AS HCO3)	03/24/77-03/24/77	1	210.	210.	210.	210.	0.	0.	**	**	**	**
00445 CARBONATE ION (MG/L AS CO3)	03/24/77-03/24/77	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00631 NITRITE PLUS NITRATE, DISS. I DET. (MG/L AS N)	03/24/77-03/24/77	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00665 PHOSPHORUS, TOTAL (MG/L AS P)	03/24/77-03/24/77	1	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	06/29/76-03/24/77	2	230.	230.	250.	210.	800.	28.284	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	03/24/77-03/24/77	1	69.	69.	69.	69.	0.	0.	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	03/24/77-03/24/77	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	03/24/77-03/24/77	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00932 SODIUM, PERCENT	03/24/77-03/24/77	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	03/24/77-03/24/77	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	03/24/77-03/24/77	1	41.	41.	41.	41.	0.	0.	**	**	**	**
00946 SULFATE, DISSOLVED (MG/L AS SO4)	03/24/77-03/24/77	1	47.	47.	47.	47.	0.	0.	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	03/24/77-03/24/77	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

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

Parameter Inventory for Station: CANY0036

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/24/77-03/24/77	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	03/24/77-03/24/77	1	20.	20.	20.	20.	0.	0.	**	**	**	**
04208	ANIONS, SUM, TOTAL, WATER MEQ/L	03/24/77-03/24/77	1	5.58	5.58	5.58	5.58	0.	0.	**	**	**	**
04226	CATIONS, SUM, TOTAL, WATER MEQ/L	03/24/77-03/24/77	1	5.44	5.44	5.44	5.44	0.	0.	**	**	**	**
50786	ORTHOPHOSPHATE AS P, WATER MG/L	03/24/77-03/24/77	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: CANY0036

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00			1	0	0.00				1	0	0.00
00406	PH, FIELD	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
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00			1	0	0.00						
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00			1	0	0.00						
		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						

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

Station Inventory for Station: CANY0037

NPS Station ID: CANY0037 Location: (D-32-17)8DC-S GYPSUM CANYON Station Type: /TYPA/AMBNT/STREAM RMI-Indexes: RMI-Miles: HUC: 14070001 Major Basin: COLORADO RIVER Minor Basin: MIDDLE COLORADO-SAN JUAN RIVER RF1 Index: 14070001 RF3 Index: 14070004002901.17 Description: The station is located on the Teapot Rock Utah 7.5 minute series (topographic) quadrangle. The site is on the Colorado River shoreline at Gypsum Canyon in Glen Canyon National Recreation Area (GLCA). The site is within the previous impoundment area of Lake Powell. Bacteriological samples were held longer than 30 hours. Flow data are available from USGS record at Cisco. Source Type: River. Formation: Alluvium. Position: River channel near shore. Substrate: Sand/silt. The data are from the report "Water Resources Descriptions and Data Base Canyonlands National Park Needles District and Adjacent BLM Lands" prepared by Ecosystems Research Institute (October 1984). For information on GLCA; contact the Chief of Resources at Glen Canyon National Recreation Area; P. O. Box 1507; Page AZ 86040 (Tel. 520-608-6200). Data were processed and uploaded to STORET by Lisa Dummer; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).	LAT/LON: 38.007560/-110.071587 Depth of Water: 0 Elevation: 0 RF1 Mile Point: 0.000 RF3 Mile Point: 2.36	Agency: 11NPSWRD FIPS State/County: 49037 UTAH/SAN JUAN STORET Station ID(s): GLCA_ERI_C5 Within Park Boundary: No Aquifer: Water Body Id: ECO Region: Distance from RF1: 0.80 Distance from RF3: 0.11

Date Created: 08/21/99

On/Off RF1:
On/Off RF3:

Parameter Inventory for Station: CANY0037

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/28/84-04/28/84	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00094 SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	04/28/84-04/28/84	1	420.	420.	420.	420.	0.	0.	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	04/28/84-04/28/84	1	10.5	10.5	10.5	10.5	0.	0.	**	**	**	**
00406 PH, FIELD, STANDARD UNITS SU	04/28/84-04/28/84	1	8.11	8.11	8.11	8.11	0.	0.	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS	04/28/84-04/28/84	1	8.11	8.11	8.11	8.11	0.	0.	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/28/84-04/28/84	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	04/28/84-04/28/84	1	217.	217.	217.	217.	0.	0.	**	**	**	**
00515 RESIDUE, TOTAL FILTRABLE (DRIED AT 105C), MG/L	04/28/84-04/28/84	1	1658.	1658.	1658.	1658.	0.	0.	**	**	**	**
00600 NITROGEN, TOTAL (MG/L AS N)	04/28/84-04/28/84	1	1.48	1.48	1.48	1.48	0.	0.	**	**	**	**
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/28/84-04/28/84	1	0.031	0.031	0.031	0.031	0.	0.	**	**	**	**
00615 NITRITE NITROGEN, TOTAL (MG/L AS N)	04/28/84-04/28/84	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	04/28/84-04/28/84	1	0.601	0.601	0.601	0.601	0.	0.	**	**	**	**
00665 PHOSPHORUS, TOTAL (MG/L AS P)	04/28/84-04/28/84	1	1.611	1.611	1.611	1.611	0.	0.	**	**	**	**
00680 CARBON, TOTAL ORGANIC (MG/L AS C)	04/28/84-04/28/84	1	16.5	16.5	16.5	16.5	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	04/28/84-04/28/84	1	265.	265.	265.	265.	0.	0.	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	04/28/84-04/28/84	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00946 SULFATE, DISSOLVED (MG/L AS SO4)	04/28/84-04/28/84	1	157.	157.	157.	157.	0.	0.	**	**	**	**
01516 ALPHA, SUSPEND GROSS, AS URANIUM NATURAL, PC/L	04/28/84-04/28/84	1	27.	27.	27.	27.	0.	0.	**	**	**	**
03516 BETA, SUSPENDED GROSS, AS CS-137, PC/L	04/28/84-04/28/84	1	89.	89.	89.	89.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: CANY0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/28/84-04/28/84	1	200.	200.	200.	200.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,	04/28/84-04/28/84	1	2.301	2.301	2.301	2.301	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			200.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/28/84-04/28/84	1	125.	125.	125.	125.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/28/84-04/28/84	1	2.097	2.097	2.097	2.097	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			125.								
50786	ORTHOPHOSPHATE AS P, WATER MG/L	04/28/84-04/28/84	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/28/84-04/28/84	1	388.	388.	388.	388.	0.	0.	**	**	**	**
70953	CHLOROPHYLL-A,PHYTOPLANKTON UG/L,CHROMO-FLUORO	04/28/84-04/28/84	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: CANY0037

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	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			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	0	0.00						1	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00						1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00						1	0	0.00			
		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			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	0	0.00						1	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1	0	0.00						1	0	0.00			

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

Station Inventory for Station: CANY0038

NPS Station ID: CANY0038
 Location: INDIAN CK AT SHAY CANYON
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 14030005
 Major Basin:
 Minor Basin:
 RF1 Index:
 RF3 Index: 14030005000500.00
 Description:

LAT/LON: 38.008833/-109.537667

Depth of Water: 0
 Elevation: 0

RF1 Mile Point: 0.000
 RF3 Mile Point: 0.44

Agency: 21UTAH
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): 495578
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.01

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: CANY0038

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/02/77-03/21/78	2	18.25	18.25	24.	12.5	66.125	8.132	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	03/21/78-03/21/78	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/02/77-03/21/78	2	19.25	19.25	37.	1.5	630.125	25.102	**	**	**	**
00094 SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/21/78-03/21/78	1	870.	870.	870.	870.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/02/77-03/21/78	3	500.	610.	870.	460.	51100.	226.053	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	08/02/77-08/02/77	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00310 BOD, 5 DAY, 20 DEG C MG/L	08/02/77-08/02/77	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00335 COD, .025N K2CR2O7 MG/L	08/02/77-08/02/77	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	08/02/77-03/21/78	3	8.6	8.5	8.6	8.3	0.03	0.173	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	08/02/77-03/21/78	3	8.6	8.476	8.6	8.3	0.031	0.176	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/02/77-03/21/78	3	0.003	0.003	0.005	0.003	0.	0.001	**	**	**	**
00405 CARBON DIOXIDE (MG/L AS CO2)	08/02/77-03/21/78	4	2.5	2.5	3.	2.	0.333	0.577	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	08/02/77-03/21/78	2	223.	223.	230.	216.	98.	9.899	**	**	**	**
00440 BICARBONATE ION (MG/L AS HCO3)	08/02/77-03/21/78	2	272.	272.	280.	264.	128.	11.314	**	**	**	**
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/02/77-03/21/78	2	22.5	22.5	40.	5.	612.5	24.749	**	**	**	**
00615 NITRITE NITROGEN, TOTAL (MG/L AS N)	08/02/77-03/21/78	2	0.035	0.035	0.05	0.02	0.	0.021	**	**	**	**
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	08/02/77-03/21/78	2	0.085	0.085	0.15	0.02	0.008	0.092	**	**	**	**
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/02/77-03/21/78	2	0.3	0.3	0.4	0.2	0.02	0.141	**	**	**	**
00680 CARBON, TOTAL ORGANIC (MG/L AS C)	03/21/78-03/21/78	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	08/02/77-03/21/78	2	252.	252.	264.	240.	288.	16.971	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	08/02/77-03/21/78	2	64.	64.	64.	64.	0.	0.	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	08/02/77-03/21/78	2	22.	22.	25.	19.	18.	4.243	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	08/02/77-03/21/78	2	14.	14.	15.	13.	2.	1.414	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	08/02/77-03/21/78	2	2.5	2.5	3.	2.	0.5	0.707	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	08/02/77-03/21/78	2	6.5	6.5	8.	5.	4.5	2.121	**	**	**	**
00946 SULFATE, DISSOLVED (MG/L AS SO4)	08/02/77-03/21/78	2	53.5	53.5	65.	42.	264.5	16.263	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	08/02/77-03/21/78	2	0.2	0.2	0.24	0.16	0.003	0.057	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SiO2)	08/02/77-03/21/78	2	15.5	15.5	18.	13.	12.5	3.536	**	**	**	**
01000 ARSENIC, DISSOLVED (UG/L AS AS)	03/21/78-03/21/78	1	18.	18.	18.	18.	0.	0.	**	**	**	**
01005 BARIUM, DISSOLVED (UG/L AS Ba)	03/21/78-03/21/78	1	100.	100.	100.	100.	0.	0.	**	**	**	**
01020 BORON, DISSOLVED (UG/L AS B)	08/02/77-03/21/78	2	97.5	97.5	100.	95.	12.5	3.536	**	**	**	**
01025 CADMIUM, DISSOLVED (UG/L AS Cd)	03/21/78-03/21/78	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01030 CHROMIUM, DISSOLVED (UG/L AS Cr)	03/21/78-03/21/78	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01032 CHROMIUM, HEXAVALENT (UG/L AS Cr)	08/02/77-03/21/78	2	4.	4.	5.	3.	2.	1.414	**	**	**	**
01040 COPPER, DISSOLVED (UG/L AS Cu)	03/21/78-03/21/78	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01046 IRON, DISSOLVED (UG/L AS Fe)	08/02/77-03/21/78	2	10.	10.	10.	10.	0.	0.	**	**	**	**
01049 LEAD, DISSOLVED (UG/L AS Pb)	03/21/78-03/21/78	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01056 MANGANESE, DISSOLVED (UG/L AS Mn)	03/21/78-03/21/78	1	10.	10.	10.	10.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: CANY0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01065	NICKEL, DISSOLVED (UG/L AS NI)	03/21/78-03/21/78	1	25.	25.	25.	25.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	03/21/78-03/21/78	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	03/21/78-03/21/78	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	03/21/78-03/21/78	1	2.	2.	2.	2.	0.	0.	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	08/02/77-08/02/77	1	430.	430.	430.	430.	0.	0.	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	08/02/77-08/02/77	1	2.633	2.633	2.633	2.633	0.	0.	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	08/02/77-08/02/77	1		430.								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/02/77-03/21/78	3	294.	300.	316.	290.	196.	14.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/02/77-03/21/78	2	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	08/02/77-08/02/77	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/02/77-08/02/77	1	5.	5.	5.	5.	0.	0.	**	**	**	**
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/02/77-08/02/77	1	5.	5.	5.	5.	0.	0.	**	**	**	**
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	08/02/77-03/21/78	2	0.475	0.475	0.8	0.15	0.211	0.46	**	**	**	**
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/02/77-08/02/77	1	100.	100.	100.	100.	0.	0.	**	**	**	**
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/21/78-03/21/78	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/02/77-08/02/77	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: CANY0038

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	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.	1	0	0.00	1	0	0.00								
00400	PH	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					
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00	1	0	0.00	1	0	0.00					
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00	1	0	0.00	1	0	0.00					
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	2	0	0.00	1	0	0.00	1	0	0.00					
		Drinking Water	250.	2	0	0.00	1	0	0.00	1	0	0.00					
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	2	0	0.00	1	0	0.00	1	0	0.00					
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	2	0	0.00	1	0	0.00	1	0	0.00					
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00				1	0	0.00					
		Drinking Water	50.	1	0	0.00				1	0	0.00					
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00				1	0	0.00					
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	1	1.00				1	1	1.00					
		Drinking Water	5.	1	0	0.00				1	0	0.00					
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00				1	0	0.00					
01032	CHROMIUM, HEXAVALENT	Fresh Acute	16.	2	0	0.00	1	0	0.00	1	0	0.00					
		Drinking Water	100.	2	0	0.00	1	0	0.00	1	0	0.00					
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	1	1.00				1	1	1.00					
		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					
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					
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	1	0	0.00	1	0	0.00								
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER	Drinking Water	2.	1	0	0.00	1	0	0.00								
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	3.9	1	1	1.00	1	1	1.00								
		Drinking Water	5.	1	1	1.00	1	1	1.00								
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	18.	1	0	0.00	1	0	0.00								
		Drinking Water	1300.	1	0	0.00	1	0	0.00								
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATE	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

EPA Water Quality Criteria Analysis for Station: CANY0038

Parameter	Std. Type	Std. Value	Total		Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
			Obs				Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
82719 ZINC, FIELD ACIDIFIED, DECANTED, WATER	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: CANY0039

NPS Station ID: CANY0039
 Location: (D-32-21)6AC
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 14030005
 Major Basin: COLORADO RIVER
 Minor Basin: UPPER COLORADO RIVER
 RF1 Index: 14030005
 RF3 Index: 14070004002901.17

LAT/LON: 38.026476/-109.654060

Depth of Water: 0
 Elevation: 0

RF1 Mile Point: 0.000
 RF3 Mile Point: 2.36

Agency: 11NPSWRD
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): CANY_ERI_LC11
 Within Park Boundary: No

Date Created: 08/21/99

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.80
 Distance from RF3: 0.11

On/Off RF1:
 On/Off RF3:

Description:

The station is located on the South Six-shooter Peak Utah 7.5 minute series (topographic) quadrangle. The site is a rise below the confluence of Dry Fork and Lavender Canyon outside Canyonlands National Park. Flow occurs for approximately 0.1 miles and ends in a recent sand deposit and rises again to flow for approximately 0.5 miles before disappearing. The canyon at this point is heavily used as a road. Flow was measured in a 90 degree triangular notch weir. Substrate: Sand. The data are from the report "Water Resources Descriptions and Data Base Canyonlands National Park Needles District and Adjacent BLM Lands" prepared by Ecosystems Research Institute (October 1984). For information on Canyonlands National Park; contact the Chief of Resources at Canyonlands National Park; 2282 S. West Resource Blvd.; Moab UT 84532 (Tel. 801-259-7164). Data were processed and uploaded to STORET by Lisa Dummer; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: CANY0039

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/23/84-04/23/84	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	04/23/84-04/23/84	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00094 SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	04/23/84-04/23/84	1	1035.	1035.	1035.	1035.	0.	0.	**	**	**	**
00406 PH, FIELD, STANDARD UNITS SU	04/23/84-04/23/84	1	6.35	6.35	6.35	6.35	0.	0.	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS	04/23/84-04/23/84	1	6.35	6.35	6.35	6.35	0.	0.	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/23/84-04/23/84	1	0.447	0.447	0.447	0.447	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0039

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
00406 PH, FIELD	Fresh Chronic	9.	1	0	0.00	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
	Other-Lo Lim.	6.5	1	1	1.00							1	0	0.00	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: CANY0040

NPS Station ID: CANY0040
 Location: N COTTONWOOD CK AT BEEF BASIN ROAD XING
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 14030005
 Major Basin:
 Minor Basin:
 RF1 Index:
 RF3 Index: 14030005000509.42
 Description:

LAT/LON: 38.028333/-109.589167

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 9.47

Agency: 21UTAH
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): 495581
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.01

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: CANY0040

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/21/78-11/30/99	16	13.65	13.725	27.7	0.3	50.703	7.121	2.54	7.75	19.025	23.71
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/06/93-11/30/99	9	18.	18.656	29.4	4.1	58.723	7.663	4.1	14.6	25.5	29.4
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/21/78-11/30/99	11	3.	4.45	12.	0.7	11.924	3.453	0.86	2.7	6.35	11.48
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/02/77-11/30/99	18	29.5	105.583	1000.	0.5	53768.806	231.881	2.21	13.1	97.75	271.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/21/78-11/30/99	16	578.	1084.625	5850.	180.	2178402.117	1475.941	310.9	537.75	803.5	4212.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/02/77-11/30/99	19	570.	562.684	870.	227.	21886.339	147.94	350.	524.	600.	840.
00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	06/12/86-11/30/99	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00300	OXYGEN, DISSOLVED MG/L	08/02/77-11/30/99	10	8.45	8.11	10.4	5.9	2.512	1.585	5.91	6.375	9.125	10.37
00310	BOD, 5 DAY, 20 DEG C MG/L	08/02/77-03/27/80	2 ##	1.25	1.25	2.	0.5	1.125	1.061	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	08/02/77-06/12/86	5	13.	16.4	40.	7.5	183.175	13.534	**	**	**	**
00400	PH (STANDARD UNITS)	08/02/77-11/30/99	15	8.4	8.383	8.8	7.73	0.058	0.242	7.952	8.3	8.5	8.68
00400	CONVERTED PH (STANDARD UNITS)	08/02/77-11/30/99	15	8.4	8.306	8.8	7.73	0.065	0.255	7.952	8.3	8.5	8.68
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/02/77-11/30/99	15	0.004	0.005	0.019	0.002	0.	0.004	0.002	0.003	0.005	0.012
00405	CARBON DIOXIDE (MG/L AS CO2)	08/02/77-11/30/99	20	2.	2.1	9.	1.	2.937	1.714	1.	1.	2.	2.9
00406	PH, FIELD, STANDARD UNITS SU	03/27/79-11/30/99	15	8.4	8.307	8.9	7.	0.285	0.534	7.3	7.9	8.7	8.84
00406	CONVERTED PH, FIELD, STANDARD UNITS	03/27/79-11/30/99	15	8.4	7.896	8.9	7.	0.466	0.682	7.3	7.9	8.7	8.84
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/27/79-11/30/99	15	0.004	0.013	0.1	0.001	0.001	0.025	0.001	0.002	0.013	0.059
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/02/77-11/30/99	18	218.	210.222	274.	103.	1779.359	42.182	145.3	186.5	238.5	260.5
00440	BICARBONATE ION (MG/L AS HCO3)	08/02/77-11/30/99	18	266.	253.444	334.	126.	2563.085	50.627	174.6	221.	287.	303.4
00445	CARBONATE ION (MG/L AS CO3)	08/02/77-11/30/99	15	0.	1.667	10.	0.	9.095	3.016	0.	0.	4.	7.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/02/77-11/30/99	18	97.6	157.222	605.	0.	29185.411	170.837	12.6	32.15	240.35	483.5
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/27/79-06/29/99	14 ##	0.038	0.047	0.1	0.025	0.001	0.028	0.025	0.025	0.058	0.1
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/02/77-06/12/86	7 ##	0.025	0.026	0.05	0.01	0.	0.012	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/02/77-06/12/86	7	0.1	0.113	0.2	0.04	0.003	0.058	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/02/77-03/26/97	11	0.25	0.245	0.5	0.05	0.024	0.154	0.06	0.1	0.3	0.5
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/27/79-11/30/99	6	0.1	0.092	0.1	0.05	0.	0.02	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/06/93-06/29/99	9 ##	0.031	0.037	0.08	0.01	0.001	0.025	0.01	0.01	0.055	0.08
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/27/79-11/30/99	15	0.03	0.071	0.46	0.005	0.014	0.118	0.005	0.01	0.068	0.292
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/06/93-06/29/99	9 ##	0.01	0.011	0.025	0.005	0.	0.007	0.005	0.005	0.017	0.025
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/27/79-03/28/81	4 ##	0.75	1.675	4.7	0.5	4.123	2.03	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	08/02/77-11/30/99	18	224.	217.106	268.	150.	1065.337	32.64	154.41	200.875	243.55	253.96
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	08/02/77-11/30/99	18	44.6	44.894	55.	30.2	40.964	6.4	35.42	40.75	50.55	52.03
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/02/77-11/30/99	18	26.7	25.517	38.	14.	35.429	5.952	14.9	22.75	28.925	31.61
00930	SODIUM, DISSOLVED (MG/L AS Na)	08/02/77-11/30/99	18	31.9	36.156	125.	16.	614.759	24.794	16.9	20.75	39.8	59.3
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/02/77-11/30/99	18	2.95	3.299	8.	1.5	2.543	1.595	1.752	2.438	3.378	6.2
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/02/77-11/30/99	18	17.5	17.706	46.	0.5	91.072	9.543	6.35	13.625	21.	28.45
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/02/77-11/30/99	18	48.83	55.818	147.	16.093	840.468	28.991	26.179	36.953	67.975	84.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/02/77-03/28/81	6	0.31	0.308	0.39	0.21	0.004	0.063	**	**	**	**

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

Parameter Inventory for Station: CANY0040

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/02/77-03/28/81	6	11.	11.167	15.	9.	4.167	2.041	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	03/28/81-11/30/99	12 ##	2.5	2.583	5.	1.	0.765	0.875	1.45	2.5	4.25
01005	BARIUM, DISSOLVED (UG/L AS BA)	03/28/81-11/30/99	12	160.	147.5	190.	90.	1184.091	34.411	90.	120.	167.5
01020	BORON, DISSOLVED (UG/L AS B)	08/02/77-03/28/81	6	152.5	162.5	270.	100.	3237.5	56.899	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	03/28/81-11/30/99	12 ##	0.5	0.708	3.	0.5	0.521	0.722	0.5	0.5	2.25
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	03/28/81-11/30/99	12 ##	2.5	3.125	10.	2.5	4.687	2.165	2.5	2.5	7.75
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	08/02/77-03/28/81	6 ##	2.5	3.	5.	2.5	1.	1.	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	03/28/81-11/30/99	12 ##	6.	6.75	12.	5.	4.205	2.05	5.3	6.	11.4
01046	IRON, DISSOLVED (UG/L AS FE)	08/02/77-11/30/99	14 ##	10.	14.807	50.	5.	126.942	11.267	7.5	10.	20.225
01049	LEAD, DISSOLVED (UG/L AS PB)	03/28/81-11/30/99	12 ##	1.5	1.792	4.	1.5	0.566	0.753	1.5	1.5	3.55
01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/28/81-11/30/99	12	6.8	12.917	60.	2.5	261.298	16.165	2.5	5.	13.25
01065	NICKEL, DISSOLVED (UG/L AS NI)	03/28/81-03/28/81	1 ##	5.	5.	5.	5.	0.	0.	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	03/28/81-11/30/99	12 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.
01090	ZINC, DISSOLVED (UG/L AS ZN)	03/28/81-11/30/99	12 ##	15.	15.208	30.	2.5	34.612	5.883	6.25	15.	25.5
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	05/12/95-11/30/99	10 ##	15.	18.2	32.	15.	45.733	6.763	15.	15.	18.75
01145	SELENIUM, DISSOLVED (UG/L AS SE)	03/28/81-11/30/99	12 ##	0.5	9.667	110.	0.5	998.379	31.597	0.5	0.5	77.3
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	03/21/78-06/12/86	5 ##	0.5	0.45	0.5	0.25	0.013	0.112	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	08/02/77-03/28/81	4	330.	420.	930.	90.	135066.667	367.514	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	08/02/77-03/28/81	4	2.498	2.479	2.968	1.954	0.184	0.429	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			301.634							
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	03/27/79-03/28/81	3 ##	11.5	11.5	11.5	11.5	0.	0.	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	03/27/79-03/28/81	3 ##	1.061	1.061	1.061	1.061	0.	0.	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			11.5							
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	03/27/79-03/27/79	1 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**
61027	ANIONS, SUM, TOTAL IN WATER MG/L	07/06/93-11/30/99	11	196.	184.273	268.	78.	2508.618	50.086	88.8	162.	211.
61944	CATIONS, SUM, TOTAL IN WATER, MG/L	07/06/93-11/30/99	11	106.	104.364	123.	71.	301.055	17.351	72.4	96.	117.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/02/77-11/30/99	19	332.	332.421	548.	134.	9163.813	95.728	206.	296.	354.
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/02/77-06/12/86	7	0.02	0.033	0.14	0.01	0.002	0.048	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	07/06/93-11/30/99	11 ##	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/21/78-06/12/86	5	3.	3.1	4.	2.	0.55	0.742	**	**	**
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	08/02/77-06/12/86	6	0.155	0.127	0.2	0.025	0.007	0.081	**	**	**
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/02/77-06/12/86	6 ##	1.25	2.917	10.	0.5	13.942	3.734	**	**	**
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/02/77-06/12/86	6 ##	3.75	4.583	10.	2.5	8.542	2.923	**	**	**
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/02/77-06/12/86	6 ##	5.	8.75	25.	2.5	69.375	8.329	**	**	**
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	08/02/77-06/12/86	7	0.44	0.977	2.9	0.04	1.203	1.097	**	**	**
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/21/78-06/12/86	5 ##	5.	7.5	20.	2.5	50.	7.071	**	**	**
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/02/77-06/12/86	6	172.5	264.667	680.	43.	69176.667	263.015	**	**	**
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/02/77-06/12/86	7 ##	0.05	0.071	0.1	0.05	0.001	0.027	**	**	**
82715	NICKEL, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/21/78-07/29/80	4 ##	8.75	11.875	25.	5.	89.063	9.437	**	**	**
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/02/77-06/12/86	6 ##	1.75	2.583	5.	1.	3.842	1.96	**	**	**
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/02/77-06/12/86	6	10.	15.417	35.	2.5	146.042	12.085	**	**	**

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EPA Water Quality Criteria Analysis for Station: CANY0040

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	18	6	0.33	4	3	0.75	9	2	0.22	2	0	0.00	3	1
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	10	0	0.00	2	0	0.00	7	0	0.00	7	0	0.00	1	0
00400	PH	Fresh Chronic	9.	15	0	0.00	4	0	0.00	7	0	0.00	2	0	0.00	2	0
		Other-Lo Lim.	6.5	15	0	0.00	4	0	0.00	7	0	0.00	2	0	0.00	2	0
00406	PH, FIELD	Fresh Chronic	9.	15	0	0.00	3	0	0.00	8	0	0.00	1	0	0.00	3	0
		Other-Lo Lim.	6.5	15	0	0.00	3	0	0.00	8	0	0.00	1	0	0.00	3	0
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	7	0	0.00	2	0	0.00	4	0	0.00	4	0	0.00	1	0
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	7	0	0.00	2	0	0.00	4	0	0.00	4	0	0.00	1	0
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	6	0	0.00	2	0	0.00	4	0	0.00	4	0	0.00		
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	9	0	0.00	1	0	0.00	4	0	0.00	2	0	0.00	2	0
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	18	0	0.00	4	0	0.00	9	0	0.00	2	0	0.00	3	0
		Drinking Water	250.	18	0	0.00	4	0	0.00	9	0	0.00	2	0	0.00	3	0

& - 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: CANY0040

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00946 SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	18	0	0.00	4	0	0.00	9	0	0.00	2	0	0.00	3	0	0.00
00950 FLUORIDE, DISSOLVED AS F	Drinking Water	4.	6	0	0.00	2	0	0.00	4	0	0.00						
01000 ARSENIC, DISSOLVED	Fresh Acute	360.	12	0	0.00	2	0	0.00	6	0	0.00	2	0	0.00	2	0	0.00
	Drinking Water	50.	12	0	0.00	2	0	0.00	6	0	0.00	2	0	0.00	2	0	0.00
01005 BARIUM, DISSOLVED	Drinking Water	2000.	12	0	0.00	2	0	0.00	6	0	0.00	2	0	0.00	2	0	0.00
01025 CADMIUM, DISSOLVED	Fresh Acute	3.9	12	0	0.00	2	0	0.00	6	0	0.00	2	0	0.00	2	0	0.00
	Drinking Water	5.	12	0	0.00	2	0	0.00	6	0	0.00	2	0	0.00	2	0	0.00
01030 CHROMIUM, DISSOLVED	Drinking Water	100.	12	0	0.00	2	0	0.00	6	0	0.00	2	0	0.00	2	0	0.00
01032 CHROMIUM, HEXAVALENT	Fresh Acute	16.	6	0	0.00	2	0	0.00	4	0	0.00						
	Drinking Water	100.	6	0	0.00	2	0	0.00	4	0	0.00						
01040 COPPER, DISSOLVED	Fresh Acute	18.	12	0	0.00	2	0	0.00	6	0	0.00	2	0	0.00	2	0	0.00
	Drinking Water	1300.	12	0	0.00	2	0	0.00	6	0	0.00	2	0	0.00	2	0	0.00
01049 LEAD, DISSOLVED	Fresh Acute	82.	12	0	0.00	2	0	0.00	6	0	0.00	2	0	0.00	2	0	0.00
	Drinking Water	15.	12	0	0.00	2	0	0.00	6	0	0.00	2	0	0.00	2	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	12	0	0.00	2	0	0.00	6	0	0.00	2	0	0.00	2	0	0.00
	Drinking Water	100.	12	0	0.00	2	0	0.00	6	0	0.00	2	0	0.00	2	0	0.00
01090 ZINC, DISSOLVED	Fresh Acute	120.	12	0	0.00	2	0	0.00	6	0	0.00	2	0	0.00	2	0	0.00
	Drinking Water	5000.	12	0	0.00	2	0	0.00	6	0	0.00	2	0	0.00	2	0	0.00
01145 SELENIUM, DISSOLVED	Fresh Acute	20.	12	1	0.08	2	1	0.50	6	0	0.00	2	0	0.00	2	0	0.00
	Drinking Water	50.	12	1	0.08	2	1	0.50	6	0	0.00	2	0	0.00	2	0	0.00
01167 SELENIUM, ACID SOLUBLE, WATER, WHOLE	Fresh Acute	20.	5	0	0.00	1	0	0.00	3	0	0.00				1	0	0.00
	Drinking Water	50.	5	0	0.00	1	0	0.00	3	0	0.00				1	0	0.00
31506 COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	4	0	0.00	1	0	0.00	3	0	0.00						
31614 FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	3	0	0.00				3	0	0.00						
71890 MERCURY, DISSOLVED	Fresh Acute	2.4	11	0	0.00	2	0	0.00	5	0	0.00	2	0	0.00	2	0	0.00
	Drinking Water	2.	11	0	0.00	2	0	0.00	5	0	0.00	2	0	0.00	2	0	0.00
82702 ARSENIC, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	360.	5	0	0.00	1	0	0.00	3	0	0.00				1	0	0.00
	Drinking Water	50.	5	0	0.00	1	0	0.00	3	0	0.00				1	0	0.00
82703 BARIUM, FIELD ACIDIFIED, DECANTED, WATER	Drinking Water	2.	6	0	0.00	2	0	0.00	3	0	0.00				1	0	0.00
82705 CADMIUM, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	3.9	6	2	0.33	2	1	0.50	3	1	0.33				1	0	0.00
	Drinking Water	5.	6	1	0.17	2	1	0.50	3	0	0.00				1	0	0.00
82706 CHROMIUM, FIELD ACIDIFIED, DECANTED, WAT	Drinking Water	100.	6	0	0.00	2	0	0.00	3	0	0.00				1	0	0.00
82708 COPPER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	18.	6	1	0.17	2	0	0.00	3	1	0.33				1	0	0.00
	Drinking Water	1300.	6	0	0.00	2	0	0.00	3	0	0.00				1	0	0.00
82711 LEAD, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	82.	5	0	0.00	1	0	0.00	3	0	0.00				1	0	0.00
	Drinking Water	15.	5	1	0.20	1	0	0.00	3	1	0.33				1	0	0.00
82713 MERCURY, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	2.4	7	0	0.00	2	0	0.00	4	0	0.00				1	0	0.00
	Drinking Water	2.	7	0	0.00	2	0	0.00	4	0	0.00				1	0	0.00
82715 NICKEL, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	1400.	4	0	0.00	1	0	0.00	3	0	0.00						
	Drinking Water	100.	4	0	0.00	1	0	0.00	3	0	0.00						
82716 SILVER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	4.1	6	2	0.33	2	1	0.50	3	1	0.33				1	0	0.00
	Drinking Water	100.	6	0	0.00	2	0	0.00	3	0	0.00				1	0	0.00
82719 ZINC, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	120.	6	0	0.00	2	0	0.00	3	0	0.00				1	0	0.00
	Drinking Water	5000.	6	0	0.00	2	0	0.00	3	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

Seasonal Analysis for Season #1: 7/15 to 10/14 - Station CANY0040

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/21/78-11/30/99	3	13.8	16.333	22.	13.2	24.173	4.917	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/02/77-11/30/99	4	124.5	110.825	180.	14.3	6733.589	82.058	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/21/78-11/30/99	3	547.	575.667	640.	540.	3116.333	55.824	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/02/77-11/30/99	5	570.	619.2	840.	530.	15873.2	125.989	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/02/77-11/30/99	5	2.	1.8	2.	1.	0.2	0.447	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/02/77-11/30/99	4	231.	228.75	259.	194.	860.917	29.341	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/02/77-11/30/99	4	280.	272.	300.	228.	1120.	33.466	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/02/77-11/30/99	4	158.	160.75	305.	22.	13400.917	115.762	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	08/02/77-11/30/99	4	231.05	231.525	268.	196.	1053.583	32.459	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	08/02/77-11/30/99	4	43.65	44.75	51.7	40.	25.643	5.064	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/02/77-11/30/99	4	27.65	29.075	38.	23.	41.249	6.423	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS Na)	08/02/77-11/30/99	4	36.25	54.375	125.	20.	2279.523	47.744	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/02/77-11/30/99	4	4.97	5.235	8.	3.	4.968	2.229	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/02/77-11/30/99	4	19.75	25.375	46.	16.	193.229	13.901	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/02/77-11/30/99	4	53.45	70.475	147.	28.	2835.569	53.25	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/02/77-11/30/99	5	338.	409.2	548.	308.	14193.2	119.135	**	**	**	**

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

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station CANY0040

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/21/78-11/30/99	9	11.5	9.833	19.7	0.3	36.772	6.064	0.3	5.	13.75	19.7
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/02/77-11/30/99	9	29.7	150.511	1000.	0.5	104668.099	323.524	0.5	14.25	114.55	1000.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/21/78-11/30/99	9	625.	1233.222	5850.	537.	3012705.194	1735.715	537.	561.5	860.	5850.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/02/77-11/30/99	9	590.	620.444	870.	524.	10672.028	103.306	524.	559.	648.	870.
00405	CARBON DIOXIDE (MG/L AS CO2)	08/02/77-11/30/99	10	2.	2.7	9.	1.	5.122	2.263	1.1	2.	2.25	8.4
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/02/77-11/30/99	9	220.	224.889	274.	164.	871.361	29.519	164.	216.5	241.	274.
00440	BICARBONATE ION (MG/L AS HCO3)	08/02/77-11/30/99	9	268.	273.333	334.	200.	1274.	35.693	200.	264.	292.	334.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/02/77-11/30/99	9	94.	142.044	605.	0.	34070.008	184.581	0.	32.5	162.2	605.
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	08/02/77-11/30/99	9	230.3	228.911	252.4	202.5	279.094	16.706	202.5	213.8	243.7	252.4
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	08/02/77-11/30/99	9	50.	46.344	55.	30.2	56.958	7.547	30.2	41.65	51.1	55.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/02/77-11/30/99	9	28.	27.467	30.9	24.8	3.607	1.899	24.8	25.7	28.55	30.9
00930	SODIUM, DISSOLVED (MG/L AS Na)	08/02/77-11/30/99	9	35.	35.833	52.	22.	114.805	10.715	22.	27.3	46.45	52.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/02/77-11/30/99	9	3.	3.056	5.	2.07	0.64	0.8	2.07	2.68	3.095	5.
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/02/77-11/30/99	9	17.5	19.133	26.5	15.	17.185	4.145	15.	15.85	23.	26.5
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/02/77-11/30/99	9	66.	62.54	77.	45.9	138.869	11.784	45.9	48.83	72.5	77.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/02/77-11/30/99	9	340.	343.556	410.	296.	991.778	31.493	296.	323.	357.	410.

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

Seasonal Analysis for Season #3: 4/01 to 5/31 - Station CANY0040

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/21/78-11/30/99	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/02/77-11/30/99	2	12.5	12.5	20.	5.	112.5	10.607	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/21/78-11/30/99	1	471.	471.	471.	471.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/02/77-11/30/99	2	529.	529.	574.	484.	4050.	63.64	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	08/02/77-11/30/99	2	1.5	1.5	2.	1.	0.5	0.707	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	08/02/77-11/30/99	2	214.	214.	221.	207.	98.	9.899	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/02/77-11/30/99	2	254.5	254.5	270.	239.	480.5	21.92	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/02/77-11/30/99	2	195.7	195.7	345.	46.4	44580.98	211.142	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	08/02/77-11/30/99	2	222.65	222.65	230.	215.3	108.045	10.394	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	08/02/77-11/30/99	2	47.1	47.1	50.	44.2	16.82	4.101	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/02/77-11/30/99	2	25.55	25.55	29.1	22.	25.205	5.02	**	**	**	**

** - 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 box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 5/31 - Station CANY0040

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00930 SODIUM, DISSOLVED (MG/L AS NA)	08/02/77-11/30/99	2	30.2	30.2	39.4	21.	169.28	13.011	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	08/02/77-11/30/99	2	2.83	2.83	2.9	2.76	0.01	0.099	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	08/02/77-11/30/99	2	14.75	14.75	20.	9.5	55.125	7.425	**	**	**	**
00946 SULFATE, DISSOLVED (MG/L AS SO4)	08/02/77-11/30/99	2	43.285	43.285	47.3	39.27	32.24	5.678	**	**	**	**
70300 RESIDUE, TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/02/77-11/30/99	2	307.	307.	332.	282.	1250.	35.355	**	**	**	**

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

Seasonal Analysis for Season #4: 6/01 to 7/14 - Station CANY0040

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/21/78-11/30/99	3	20.4	21.7	27.7	17.	29.89	5.467	**	**	**	**
00076 TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/02/77-11/30/99	3	16.2	25.867	59.	2.4	870.973	29.512	**	**	**	**
00094 SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	03/21/78-11/30/99	3	367.	1352.333	3510.	180.	3500386.333	1870.932	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/02/77-11/30/99	3	350.	317.667	376.	227.	6334.333	79.589	**	**	**	**
00405 CARBON DIOXIDE (MG/L AS CO2)	08/02/77-11/30/99	3	1.	1.	1.	1.	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	08/02/77-11/30/99	3	150.	139.	164.	103.	1021.	31.953	**	**	**	**
00440 BICARBONATE ION (MG/L AS HCO3)	08/02/77-11/30/99	3	180.	168.333	199.	126.	1434.333	37.873	**	**	**	**
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/02/77-11/30/99	3	33.2	172.4	470.	14.	66516.48	257.908	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	08/02/77-11/30/99	3	154.9	158.767	171.4	150.	125.703	11.212	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	08/02/77-11/30/99	3	39.	39.267	42.8	36.	11.613	3.408	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	08/02/77-11/30/99	3	15.	14.9	15.7	14.	0.73	0.854	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS NA)	08/02/77-11/30/99	3	17.	16.8	17.4	16.	0.52	0.721	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	08/02/77-11/30/99	3	1.78	1.76	2.	1.5	0.063	0.251	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	08/02/77-11/30/99	3	7.	5.167	8.	0.5	16.583	4.072	**	**	**	**
00946 SULFATE, DISSOLVED (MG/L AS SO4)	08/02/77-11/30/99	3	27.3	24.464	30.	16.093	54.382	7.374	**	**	**	**
70300 RESIDUE, TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/02/77-11/30/99	3	206.	188.	224.	134.	2268.	47.624	**	**	**	**

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Station Inventory for Station: CANY0041

NPS Station ID: CANY0041
 Location: CLEAR WATER SPRING T32S R16E S3 NW1/4 NE1/4
 Station Type: /TYPA/AMBNT/SPRING
 RMI-Indexes:
 RMI-Miles:
 HUC: 14070001
 Major Basin:
 Minor Basin:
 RF1 Index:
 RF3 Index: 14070004002901.17
 Description:

LAT/LON: 38.030500/-110.146333

Depth of Water: 0
 Elevation: 0

RF1 Mile Point: 0.000
 RF3 Mile Point: 2.36

Agency: 21UTAH
 FIPS State/County: 49017 UTAH/GARFIELD
 STORET Station ID(s): 599277
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.80
 Distance from RF3: 0.11

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: CANY0041

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/18/80-11/12/80	2	21.9	21.9	31.8	12.	196.02	14.001	**	**	**	**
00058 FLOW, RATE GALLONS/MIN	06/18/80-06/18/80	1	3.87	3.87	3.87	3.87	0.	0.	**	**	**	**
00094 SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	06/18/80-11/12/80	2	2315.	2315.	4500.	130.	9548450.	3090.057	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	06/18/80-11/12/80	2	6.9	6.9	7.2	6.6	0.18	0.424	**	**	**	**
00406 PH, FIELD, STANDARD UNITS SU	06/18/80-11/12/80	2	8.5	8.5	8.96	8.04	0.423	0.651	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS	06/18/80-11/12/80	2	8.292	8.292	8.96	8.04	0.51	0.714	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/18/80-11/12/80	2	0.005	0.005	0.009	0.001	0.	0.006	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	06/18/80-11/12/80	2	204.	204.	318.	90.	25992.	161.22	**	**	**	**
00440 BICARBONATE ION (MG/L AS HCO3)	06/18/80-11/12/80	2	239.12	239.12	368.44	109.8	33447.325	182.886	**	**	**	**
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	06/18/80-11/12/80	2 ##	0.018	0.018	0.03	0.005	0.	0.018	**	**	**	**
00665 PHOSPHORUS, TOTAL (MG/L AS P)	06/18/80-11/12/80	2	0.085	0.085	0.13	0.04	0.004	0.064	**	**	**	**
00916 CALCIUM, TOTAL (MG/L AS Ca)	06/18/80-11/12/80	2	121.6	121.6	199.2	44.	12043.52	109.743	**	**	**	**
00927 MAGNESIUM, TOTAL (MG/L AS MG)	06/18/80-06/18/80	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00929 SODIUM, TOTAL (MG/L AS Na)	06/18/80-11/12/80	2	43.65	43.65	85.6	1.7	3519.605	59.326	**	**	**	**
00937 POTASSIUM, TOTAL MG/L AS K)	06/18/80-11/12/80	2	28.815	28.815	55.4	2.23	1413.524	37.597	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	06/18/80-11/12/80	2	128.24	128.24	256.	0.48	32645.235	180.68	**	**	**	**
00946 SULFATE, DISSOLVED (MG/L AS SO4)	06/18/80-11/12/80	2 ##	3.75	3.75	6.	1.5	10.125	3.182	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SiO2)	06/18/80-11/12/80	2	8.575	8.575	16.	1.15	110.261	10.501	**	**	**	**
01002 ARSENIC, TOTAL (UG/L AS AS)	06/18/80-11/12/80	2	5.	5.	8.	2.	18.	4.243	**	**	**	**
01027 CADMIUM, TOTAL (UG/L AS CD)	06/18/80-11/12/80	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01034 CHROMIUM, TOTAL (UG/L AS CR)	06/18/80-11/12/80	2 ##	1.75	1.75	3.	0.5	3.125	1.768	**	**	**	**
01037 COBALT, TOTAL (UG/L AS CO)	06/18/80-11/12/80	2 ##	3.75	3.75	7.	0.5	21.125	4.596	**	**	**	**
01042 COPPER, TOTAL (UG/L AS CU)	06/18/80-11/12/80	2 ##	15.25	15.25	30.	0.5	435.125	20.86	**	**	**	**
01051 LEAD, TOTAL (UG/L AS PB)	06/18/80-11/12/80	2 ##	7.75	7.75	15.	0.5	105.125	10.253	**	**	**	**
01062 MOLYBDENUM, TOTAL (UG/L AS MO)	06/18/80-11/12/80	2 ##	7.25	7.25	14.	0.5	91.125	9.546	**	**	**	**
01067 NICKEL, TOTAL (UG/L AS NI)	06/18/80-11/12/80	2 ##	14.75	14.75	29.	0.5	406.125	20.153	**	**	**	**
01092 ZINC, TOTAL (UG/L AS ZN)	06/18/80-11/12/80	2	61.	61.	112.	10.	5202.	72.125	**	**	**	**
01147 SELENIUM, TOTAL (UG/L AS SE)	06/18/80-11/12/80	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31506 COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	06/18/80-11/12/80	2	150000.	150000.	150000.	150000.	0.	0.	**	**	**	**
31506 LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	06/18/80-11/12/80	2	5.176	5.176	5.176	5.176	0.	0.	**	**	**	**
31506 GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	06/18/80-11/12/80	2	5.176	5.176	5.176	5.176	0.	0.	**	**	**	**
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/18/80-11/12/80	2	1557.5	1557.5	3000.	115.	4161612.5	2040.003	**	**	**	**
71900 MERCURY, TOTAL (UG/L AS HG)	06/18/80-11/12/80	2 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82298 BROMIDE DISSOLVED AS BR IN WATER UG/L	06/18/80-11/12/80	2 ##	500.	500.	500.	500.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0041

Parameter	Std. Type	Std. Value	Total		Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
			Obs				Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2		0	0.00				1	0	0.00				1	0	0.00
00406 PH, FIELD	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
00620 NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2		0	0.00				1	0	0.00				1	0	0.00
00941 CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	2		0	0.00				1	0	0.00				1	0	0.00
	Drinking Water	250.	2		1	0.50				1	0	0.00				1	1	1.00
00946 SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	2		0	0.00				1	0	0.00				1	0	0.00
01002 ARSENIC, TOTAL	Fresh Acute	360.	2		0	0.00				1	0	0.00				1	0	0.00
	Drinking Water	50.	2		0	0.00				1	0	0.00				1	0	0.00
01027 CADMIUM, TOTAL	Fresh Acute	3.9	2		0	0.00				1	0	0.00				1	0	0.00
	Drinking Water	5.	2		0	0.00				1	0	0.00				1	0	0.00
01034 CHROMIUM, TOTAL	Drinking Water	100.	2		0	0.00				1	0	0.00				1	0	0.00
01042 COPPER, TOTAL	Fresh Acute	18.	2		1	0.50				1	0	0.00				1	1	1.00
	Drinking Water	1300.	2		0	0.00				1	0	0.00				1	0	0.00
01051 LEAD, TOTAL	Fresh Acute	82.	2		0	0.00				1	0	0.00				1	0	0.00
	Drinking Water	15.	2		1	0.50				1	0	0.00				1	1	1.00
01067 NICKEL, TOTAL	Fresh Acute	1400.	2		0	0.00				1	0	0.00				1	0	0.00
	Drinking Water	100.	2		0	0.00				1	0	0.00				1	0	0.00
01092 ZINC, TOTAL	Fresh Acute	120.	2		0	0.00				1	0	0.00				1	0	0.00
	Drinking Water	5000.	2		0	0.00				1	0	0.00				1	0	0.00
01147 SELENIUM, TOTAL	Fresh Acute	20.	2		0	0.00				1	0	0.00				1	0	0.00
	Drinking Water	50.	2		0	0.00				1	0	0.00				1	0	0.00
31506 COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	2		2	1.00				1	1	1.00				1	1	1.00
71900 MERCURY, TOTAL	Fresh Acute	2.4	2		0	0.00				1	0	0.00				1	0	0.00
	Drinking Water	2.	2		0	0.00				1	0	0.00				1	0	0.00

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

Station Inventory for Station: CANY0042

NPS Station ID: CANY0042
 Location: (D-31-20)32CC ALL AMERICAN MAN
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 14030005
 Major Basin: COLORADO RIVER
 Minor Basin: UPPER COLORADO RIVER
 RF1 Index: 14030005
 RF3 Index: 14070004002901.17

LAT/LON: 38.033142/-109.751142

Depth of Water: 0
 Elevation: 0

RF1 Mile Point: 0.000
 RF3 Mile Point: 2.36

Agency: 11NPSWRD
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): CANY_ERI_SC7A
 Within Park Boundary: Yes

Date Created: 08/21/99

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.80
 Distance from RF3: 0.11

On/Off RF1:
 On/Off RF3:

Description:
 The station is located on the Druid Arch Utah 7.5 minute series (topographic) quadrangle. The site is a rise in Salt Creek adjacent to the All American Man in Canyonlands National Park. Salt Creek was not observed to have surface flow for the entire 1.5 mile section upstream to near station SC5. This rise occurs in a large willow bottom with Typha spp. present. Formation: Alluvium. Substrate: Sand. The data are from the report "Water Resources Descriptions and Data Base Canyonlands National Park Needles District and Adjacent BLM Lands" prepared by Ecosystems Research Institute (October 1984). For information on Canyonlands National Park; contact the Chief of Resources at Canyonlands National Park; 2282 S. West Resource Blvd.; Moab UT 84532 (Tel. 801-259-7164). Data were processed and uploaded to STORET by Lisa Dummer; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: CANY0042

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/28/84-04/28/84	1	11.8	11.8	11.8	11.8	0.	0.	**	**	**	**
00094 SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	04/28/84-04/28/84	1	830.	830.	830.	830.	0.	0.	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	04/28/84-04/28/84	1	10.4	10.4	10.4	10.4	0.	0.	**	**	**	**
00406 PH, FIELD, STANDARD UNITS SU	04/28/84-04/28/84	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS	04/28/84-04/28/84	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/28/84-04/28/84	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: CANY0042

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00	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: CANY0043

NPS Station ID: CANY0043
 Location: UNNAMED SEEP #1
 Station Type: /TYP/AMBNT/SPRING
 RMI-Indexes:
 RMI-Miles:
 HUC: 14030005
 Major Basin: COLORADO RIVER
 Minor Basin: UPPER COLORADO RIVER
 RF1 Index: 14030005
 RF3 Index: 14070004002901.17

LAT/LON: 38.038587/-109.642949

Depth of Water: 0
 Elevation: 0

RF1 Mile Point: 0.000
 RF3 Mile Point: 2.36

Agency: 11NPSWRD
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): CANY_NPS_42
 Within Park Boundary: No

Date Created: 08/02/99

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.80
 Distance from RF3: 0.11

On/Off RF1:
 On/Off RF3:

Description:
 THE STATION IS LOCATED ON THE SOUTH SIX-SHOOTER PEAK UTAH 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT UNNAMED SEEP #1 OUTSIDE THE CANYONLANDS NATIONAL PARK. THE DATA ARE FROM THE REPORT "GROUND WATER RESOURCES IN THE PART OF CANYONLANDS NATIONAL PARK EAST OF THE COLORADO RIVER AND CONTIGUOUS BUREAU OF LAND MANAGEMENT LANDS, UTAH" BY H.R. RICHTER, JR. (APRIL 1980). THE PURPOSE OF THE REPORT IS "TO (1) DESCRIBE THE OCCURRENCE AND CIRCULATION OF GROUND WATER AND (2) IDENTIFY POTENTIALLY DEVELOPABLE GROUND WATER SUPPLIES." FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT CANYONLANDS NATIONAL PARK; 2282 S. WEST RESOURCE BLVD.; MOAB UT 84532 (TEL. 801-259-7164). DATA WERE PROCESSED AND UPLOADED TO STORET BY LISA DUMMER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: CANY0043

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/18/78-06/18/78	1	22.	22.	22.	22.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/18/78-06/18/78	1	5070.	5070.	5070.	5070.	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	06/18/78-06/18/78	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	06/18/78-06/18/78	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/18/78-06/18/78	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
00440 BICARBONATE ION (MG/L AS HCO3)	06/18/78-06/18/78	1	290.	290.	290.	290.	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	06/18/78-06/18/78	1	580.	580.	580.	580.	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	06/18/78-06/18/78	1	110.	110.	110.	110.	0.	0.	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	06/18/78-06/18/78	1	73.	73.	73.	73.	0.	0.	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	06/18/78-06/18/78	1	1100.	1100.	1100.	1100.	0.	0.	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	06/18/78-06/18/78	1	35.	35.	35.	35.	0.	0.	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	06/18/78-06/18/78	1	620.	620.	620.	620.	0.	0.	**	**	**	**
00946 SULFATE, DISSOLVED (MG/L AS SO4)	06/18/78-06/18/78	1	1500.	1500.	1500.	1500.	0.	0.	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	06/18/78-06/18/78	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SiO2)	06/18/78-06/18/78	1	22.	22.	22.	22.	0.	0.	**	**	**	**
01020 BORON, DISSOLVED (UG/L AS B)	06/18/78-06/18/78	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
70300 RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	06/18/78-06/18/78	1	3620.	3620.	3620.	3620.	0.	0.	**	**	**	**
71851 NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/18/78-06/18/78	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

EPA Water Quality Criteria Analysis for Station: CANY0043

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
							Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	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
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00										1	0	0.00
		Drinking Water	250.	1	1	1.00										1	1	1.00
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	1	1.00										1	1	1.00
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00										1	0	0.00
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: CANY0044

NPS Station ID: CANY0044
 Location: SALT CK 1/4 MI AB UPPER JUMP SC-8
 Station Type: /TYP/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 14030005
 Major Basin:
 Minor Basin:
 RF1 Index:
 RF3 Index: 14060008041900.00

LAT/LON: 38.039167/-109.760500

Depth of Water: 0
 Elevation: 0

RF1 Mile Point: 0.000
 RF3 Mile Point: 3.00

Agency: 21UTAH
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): 599500
 Within Park Boundary: Yes

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.02

On/Off RF1:
 On/Off RF3:

Description:
 WATER QUALITY STATION IS LOCATED IN CANYONLANDS NP. THIS PARK
 WATER SAMPLES WERE COLLECTED BY CANYONLANDS NATIONAL PARK NAT
 435-259-3911); ANALYZED BY THE UTAH DEPARTMENT OF HEALTH
 ENV QUALITY - DIVISION OF WATER QUALITY. DATA COLLECTED AT THE
 CANY_NPS_599500.

IS MANAGED BY THE NATIONAL PARK SERVICE'S SOUTHEAST UTAH GROUP.
 RESOURCE MANAGEMENT STAFF (125 W. 200 S.; MOAB UT 84532; TELEPHONE:
 LABORATORY AND UPLOADED INTO STORET BY THE UTAH DEPARTMENT OF
 SAME LOCATION PRIOR TO 10/2/1990 CAN BE FOUND AT STATION

Parameter Inventory for Station: CANY0044

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/16/91-05/15/92	2	16.05	16.05	21.2	10.9	53.045	7.283	**	**	**	**
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/24/91-05/15/92	3	21.	21.7	25.6	18.5	12.97	3.601	**	**	**	**
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/24/91-05/15/92	3	3.9	3.4	4.3	2.	1.51	1.229	**	**	**	**
00094 SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/16/91-05/15/92	2	714.5	714.5	748.	681.	2244.5	47.376	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/24/91-05/15/92	3	705.	711.667	750.	680.	1258.333	35.473	**	**	**	**
00191 HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	05/24/91-05/15/92	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	09/16/91-05/15/92	2	8.85	8.85	9.2	8.5	0.245	0.495	**	**	**	**
00400 PH (STANDARD UNITS)	05/24/91-05/15/92	3	8.1	8.067	8.1	8.	0.003	0.058	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	05/24/91-05/15/92	3	8.1	8.064	8.1	8.	0.003	0.058	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/24/91-05/15/92	3	0.008	0.009	0.01	0.008	0.	0.001	**	**	**	**
00405 CARBON DIOXIDE (MG/L AS CO2)	05/24/91-05/15/92	3	5.	5.	5.	5.	0.	0.	**	**	**	**
00406 PH, FIELD, STANDARD UNITS SU	09/16/91-05/15/92	2	8.2	8.2	8.3	8.1	0.02	0.141	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS	09/16/91-05/15/92	2	8.189	8.189	8.3	8.1	0.02	0.142	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/16/91-05/15/92	2	0.006	0.006	0.008	0.005	0.	0.002	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	05/24/91-05/15/92	3	352.	356.667	376.	342.	305.333	17.474	**	**	**	**
00440 BICARBONATE ION (MG/L AS HCO3)	05/24/91-05/15/92	3	430.	435.333	459.	417.	462.333	21.502	**	**	**	**
00445 CARBONATE ION (MG/L AS CO3)	05/24/91-05/15/92	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/24/91-05/15/92	3	15.	15.	21.	9.	36.	6.	**	**	**	**
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/02/90-05/15/92	4 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00613 NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/02/90-10/02/90	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00618 NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/02/90-10/02/90	1	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/02/90-05/15/92	4	0.2	0.318	0.77	0.1	0.1	0.316	**	**	**	**
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/16/91-09/16/91	1	0.233	0.233	0.233	0.233	0.	0.	**	**	**	**
00631 NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/24/91-05/15/92	3	0.119	0.136	0.212	0.076	0.005	0.07	**	**	**	**
00665 PHOSPHORUS, TOTAL (MG/L AS P)	10/02/90-05/15/92	4 ##	0.008	0.011	0.023	0.005	0.	0.008	**	**	**	**
00666 PHOSPHORUS, DISSOLVED (MG/L AS P)	10/02/90-05/15/92	4 ##	0.005	0.007	0.011	0.005	0.	0.003	**	**	**	**

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

Parameter Inventory for Station: CANY0044

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	05/24/91-05/15/92	3	361.8	356.267	375.9	331.1	524.723	22.907	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	05/24/91-05/15/92	3	51.	49.333	55.	42.	44.333	6.658	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/24/91-05/15/92	3	57.	56.667	58.	55.	2.333	1.528	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS Na)	05/24/91-05/15/92	3	23.	23.	24.	22.	1.	1.	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/24/91-05/15/92	3	3.9	3.9	4.1	3.7	0.04	0.2	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/24/91-05/15/92	3	20.	19.067	20.	17.2	2.613	1.617	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/24/91-05/15/92	3	32.	30.16	32.8	25.681	15.208	3.9	**	**	**
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	10/02/90-05/15/92	4 ##	2.5	2.	2.5	0.5	1.	1.	**	**	**
61027	ANIONS, SUM, TOTAL IN WATER MG/L	09/16/91-05/15/92	2	266.	266.	278.	254.	288.	16.971	**	**	**
61944	CATIONS, SUM, TOTAL IN WATER, MG/L	09/16/91-05/15/92	2	132.	132.	141.	123.	162.	12.728	**	**	**
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	05/24/91-05/15/92	3	430.	430.667	444.	418.	169.333	13.013	**	**	**
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/02/90-05/15/92	4 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
82703	BARIIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	10/02/90-05/15/92	4	0.22	0.225	0.25	0.21	0.	0.019	**	**	**
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/02/90-05/15/92	4 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/02/90-05/15/92	4 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/02/90-05/15/92	4 ##	10.	10.	10.	10.	0.	0.	**	**	**
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	10/02/90-05/15/92	4	0.28	0.285	0.47	0.11	0.022	0.149	**	**	**
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/02/90-05/15/92	4 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/02/90-05/15/92	4	49.5	57.875	130.	2.5	3203.063	56.596	**	**	**
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/02/90-05/15/92	4 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/02/90-05/15/92	4 ##	1.	1.	1.	1.	0.	0.	**	**	**
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/02/90-05/15/92	4 ##	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: CANY0044

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	50.	3	0	0.00	1	0	0.00				2	0	0.00			
00300	OXYGEN, DISSOLVED	4.	2	0	0.00	1	0	0.00				1	0	0.00			
00400	PH	9.	3	0	0.00	1	0	0.00				2	0	0.00			
	Other-Lo Lim.	6.5	3	0	0.00	1	0	0.00				2	0	0.00			
00406	PH, FIELD	9.	2	0	0.00	1	0	0.00				1	0	0.00			
	Other-Lo Lim.	6.5	2	0	0.00	1	0	0.00				1	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	1.	1	0	0.00	1	0	0.00									
00618	NITRATE NITROGEN, DISSOLVED AS N	10.	1	0	0.00	1	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	10.	1	0	0.00	1	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	10.	3	0	0.00	1	0	0.00				2	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	860.	3	0	0.00	1	0	0.00				2	0	0.00			
	Drinking Water	250.	3	0	0.00	1	0	0.00				2	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	250.	3	0	0.00	1	0	0.00				2	0	0.00			
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE	20.	4	0	0.00	2	0	0.00				2	0	0.00			
	Drinking Water	50.	4	0	0.00	2	0	0.00				2	0	0.00			
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATE	360.	4	0	0.00	2	0	0.00				2	0	0.00			
	Drinking Water	50.	4	0	0.00	2	0	0.00				2	0	0.00			
82703	BARIIUM, FIELD ACIDIFIED, DECANTED, WATER	2.	4	0	0.00	2	0	0.00				2	0	0.00			
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATE	3.9	4	0	0.00	2	0	0.00				2	0	0.00			
	Drinking Water	5.	4	0	0.00	2	0	0.00				2	0	0.00			
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WAT	100.	4	0	0.00	2	0	0.00				2	0	0.00			
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER	18.	4	0	0.00	2	0	0.00				2	0	0.00			
	Drinking Water	1300.	4	0	0.00	2	0	0.00				2	0	0.00			
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER	82.	4	0	0.00	2	0	0.00				2	0	0.00			
	Drinking Water	15.	4	0	0.00	2	0	0.00				2	0	0.00			
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATE	2.4	4	0	0.00	2	0	0.00				2	0	0.00			
	Drinking Water	2.	4	0	0.00	2	0	0.00				2	0	0.00			
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER	4.1	4	0	0.00	2	0	0.00				2	0	0.00			
	Drinking Water	100.	4	0	0.00	2	0	0.00				2	0	0.00			
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER	120.	4	0	0.00	2	0	0.00				2	0	0.00			
	Drinking Water	5000.	4	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: CANY0045

NPS Station ID: CANY0045
 Location: (D-31-20)31BC
 Station Type: /TYPA/AMBNT/SPRING
 RMI-Indexes:
 RMI-Miles:
 HUC: 14030005
 Major Basin: COLORADO RIVER
 Minor Basin: UPPER COLORADO RIVER
 RF1 Index: 14030005
 RF3 Index: 14070004002901.17
 Description:

LAT/LON: 38.039892/-109.769531

Depth of Water: 0
 Elevation: 0

RF1 Mile Point: 0.000
 RF3 Mile Point: 2.36

Agency: 11NPSWRD
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): CANY_ERI_SC8A
 Within Park Boundary: Yes

Date Created: 08/21/99

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.80
 Distance from RF3: 0.11

On/Off RF1:
 On/Off RF3:

The station is located on the Druid Arch Utah 7.5 minute series (topographic) quadrangle. The site is a spring emerging from a side canyon the east side of Salt Creek about 1/2 mile north the All American Man in Canyonlands National Park. Vegetation present includes Salix; Phragmites; Juncus spp. This is likely the source historically referred to as SC 8. Flow was estimated velocity X width X average depth. The data are from the report "Water Resources Descriptions and Data Base Canyonlands National Park Needles District and Adjacent BLM Lands" prepared by Ecosystems Research Institute (October 1984). For information on Canyonlands National Park; contact the Chief of Resources at Canyonlands National Park; 2282 S. West Resource Blvd.; Moab UT 84532 (Tel. 801-259-7164). Data were processed and uploaded to STORET by Lisa Dummer; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: CANY0045

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/28/84-04/28/84	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00094 SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	04/28/84-04/28/84	1	1341.	1341.	1341.	1341.	0.	0.	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	04/28/84-04/28/84	1	9.9	9.9	9.9	9.9	0.	0.	**	**	**	**
00406 PH, FIELD, STANDARD UNITS SU	04/28/84-04/28/84	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS	04/28/84-04/28/84	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/28/84-04/28/84	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: CANY0045

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00	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: CANY0046

NPS Station ID: CANY0046	LAT/LON: 38.040809/-109.762004	Agency: 11NPSWRD	Date Created: 08/07/99
Location: SALT CREEK AT UPPER JUMP		FIPS State/County: 49037 UTAH/SAN JUAN	
Station Type: /TYPA/AMBNT/STREAM		STORET Station ID(s): CANY_BLM_SCK1	
RMI-Indexes:		Within Park Boundary: Yes	
RMI-Miles:			
HUC: 14030005	Depth of Water: 0	Aquifer:	
Major Basin: COLORADO RIVER	Elevation: 6000	Water Body Id:	
Minor Basin: UPPER COLORADO RIVER		ECO Region:	
RF1 Index: 14030005	RF1 Mile Point: 0.000	Distance from RF1: 0.80	On/Off RF1:
RF3 Index: 14070004002901.17	RF3 Mile Point: 2.36	Distance from RF3: 0.11	On/Off RF3:
Description: THE STATION IS LOCATED ON THE DRUID ARCH UT 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT SALT CREEK AT UPPER JUMP AND IS INSIDE THE CANYONLANDS NATIONAL PARK. THE DATA ARE FROM THE REPORT "ARCHES AND CANYONLANDS NATIONAL PARK AQUATIC STUDY" BY J. CONNOR (NPS) AND W.G. KEPNER (BLM) (1983). THE PURPOSE OF THE STUDY WAS TO MONITOR THE IMPACTS BY VISITORS IN THE BACKCOUNTRY TO WATER SOURCES IN THE PARKS. THE STUDY WAS A JOINT EFFORT BETWEEN THE NATIONAL PARK SERVICE AND THE BUREAU OF LAND MANAGEMENT. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT CANYONLANDS NATIONAL PARK, 2282 WEST RESOURCE BLVD., MOAB UT 84532 (TEL. 801-259-7164). DATA WERE PROCESSED AND UPLOADED TO STORET BY LISA DUMMER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DR. SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).			

Parameter Inventory for Station: CANY0046

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/24/83-08/24/83	1	21.5	21.5	21.5	21.5	0.	0.	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	08/24/83-08/24/83	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00094 SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	08/24/83-08/24/83	1	839.	839.	839.	839.	0.	0.	**	**	**	**
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/24/83-08/24/83	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00406 PH, FIELD, STANDARD UNITS SU	08/24/83-08/24/83	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS	08/24/83-08/24/83	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/24/83-08/24/83	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	08/24/83-08/24/83	1	280.	280.	280.	280.	0.	0.	**	**	**	**
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	08/24/83-08/24/83	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	08/24/83-08/24/83	1	480.	480.	480.	480.	0.	0.	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	08/24/83-08/24/83	1	21.	21.	21.	21.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0046

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
						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: CANY0046

Parameter	Std. Type	Std. Value	Total	Exceed	Prop.	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
			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								
		Drinking Water	10.	1	0	0.00	1	0	0.00								
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00	1	0	0.00								
00945	SULFATE, TOTAL (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: CANY0047

NPS Station ID: CANY0047 Location: SALT CK 1/4 MI AB UPPER JUMP Station Type: /TYPA/AMBNT/STREAM RMI-Indexes: RMI-Miles: HUC: 14030005 Major Basin: COLORADO RIVER Minor Basin: UPPER COLORADO RIVER RF1 Index: 14030005 RF3 Index: 14070004002901.17 Description: THE STATION IS LOCATED ON THE DRUID ARCH UTAH 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. SALT CREEK UPPER JUMP IS A PERENNIAL STREAM AND IS LOCATED INSIDE THE CANYONLANDS NATIONAL PARK BOUNDARY. THE SAMPLES WERE COLLECTED AND ANALYZED BY NATIONAL PARK SERVICE PERSONNEL. THE MONITORING BEGAN IN RESPONSE TO A PROPOSED SITING OF A NUCLEAR WASTE REPOSITORY NEAR THE PARK AS STATED BY B. LONG AND R. SMITH IN THE REPORT "WATER QUALITY DATA ANALYSIS AND INTERPRETATION FOR SPRING MONITORING SITES SOUTHEAST UTAH GROUP" (AUGUST 1996). THE INITIAL MONITORING OBJECTIVES WERE TO ESTABLISH A BASELINE DATABASE; DETECT POTENTIAL CHANGES; AND IDENTIFY AREAS OF CONCERN. THE UTAH DEPARTMENT OF ENVIRONMENTAL QUALITY ANALYZED THE SAMPLES IN A COOPERATIVE EFFORT WITH THE PARK SERVICE BEGINNING 10/02/1990. THESE DATA CAN BE FOUND UNDER THE STATION 599500. DATA WERE PROCESSED AND UPLOADED TO STORET BY LISA DUMMER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).	LAT/LON: 38.040809/-109.762004 Depth of Water: 0 Elevation: 0 RF1 Mile Point: 0.000 RF3 Mile Point: 2.36	Agency: 11NPSWRD FIPS State/County: 49037 UTAH/SAN JUAN STORET Station ID(s): CANY_NPS_599500/SC8 /599500 Within Park Boundary: Yes Aquifer: Water Body Id: ECO Region: Distance from RF1: 0.80 Distance from RF3: 0.11

Date Created: 05/22/99

On/Off RF1:
On/Off RF3:

Parameter Inventory for Station: CANY0047

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/08/85-05/22/90	8	18.55	17.738	25.8	10.9	23.268	4.824	**	**	**	**
00059 FLOW, RATE, INSTANTANEOUS GALLONS/MIN	05/22/86-08/24/88	2	302.4	302.4	403.2	201.6	20321.28	142.553	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	05/22/86-08/24/88	2	0.65	0.65	0.9	0.4	0.125	0.354	**	**	**	**
00090 OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	05/22/90-05/22/90	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00094 SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	05/08/85-05/22/90	8	727.	732.5	803.	693.	1575.714	39.695	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	05/08/85-05/22/90	6	7.6	7.683	9.7	6.2	1.478	1.216	**	**	**	**
00400 PH (STANDARD UNITS)	05/08/85-05/22/90	8	7.325	7.49	8.85	6.7	0.565	0.752	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	05/08/85-05/22/90	8	7.307	7.126	8.85	6.7	0.717	0.847	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/08/85-05/22/90	8	0.049	0.075	0.2	0.001	0.006	0.08	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	05/08/85-05/22/90	9	360.	310.833	445.	8.5	28579.375	169.054	8.5	193.	419.	445.
00480 SALINITY - PARTS PER THOUSAND	05/22/90-05/22/90	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	05/08/85-05/22/90	7 ##	0.05	0.06	0.12	0.05	0.001	0.026	**	**	**	**
00655 PHOSPHATE, POLY (MG/L AS PO4)	05/08/85-05/22/90	8	0.95	1.15	2.3	0.25	0.594	0.77	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	05/08/85-05/22/90	8	390.	378.75	496.	164.	9857.929	99.287	**	**	**	**
00940 CHLORIDE, TOTAL IN WATER MG/L	06/15/87-05/22/90	6	83.5	150.	515.	5.	34226.4	185.004	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	05/08/85-05/22/90	8	26.	27.625	40.	23.	29.125	5.397	**	**	**	**
01042 COPPER, TOTAL (UG/L AS CU)	05/08/85-05/22/90	7 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01045 IRON, TOTAL (UG/L AS FE)	05/08/85-05/22/90	7	190.	167.143	350.	50.	10823.81	104.038	**	**	**	**
01055 MANGANESE, TOTAL (UG/L AS MN)	05/08/85-05/22/90	7 ##	50.	71.429	200.	50.	3214.286	56.695	**	**	**	**

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

Parameter Inventory for Station: CANY0047

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501 COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/22/86-05/22/90	7	5.	87.857	580.	0.	47148.81	217.138	**	**	**	**
31501 LOG COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,	05/22/86-05/22/90	7	0.699	0.823	2.763	0.	1.012	1.006	**	**	**	**
31501 GM COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			6.658								
31616 FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/15/87-05/22/90	6 ##	5.	8.333	20.	0.	96.667	9.832	**	**	**	**
31616 LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/15/87-05/22/90	6 ##	0.5	0.6	1.301	0.	0.445	0.667	**	**	**	**
31616 GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3.984								

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

EPA Water Quality Criteria Analysis for Station: CANY0047

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	6	0	0.00	1	0	0.00				4	0	0.00	1	0	0.00
00400 PH	Fresh Chronic	9.	8	0	0.00	2	0	0.00				5	0	0.00	1	0	0.00
	Other-Lo Lim.	6.5	8	0	0.00	2	0	0.00				5	0	0.00	1	0	0.00
00620 NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	7	0	0.00	3	0	0.00				4	0	0.00			
00940 CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	6	0	0.00	2	0	0.00				3	0	0.00	1	0	0.00
	Drinking Water	250.	6	1	0.17	2	0	0.00				3	1	0.33	1	0	0.00
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	250.	8	0	0.00	3	0	0.00				5	0	0.00			
01042 COPPER, TOTAL	Fresh Acute	18.	0 &	0	0.00												
	Drinking Water	1300.	7	0	0.00	3	0	0.00				4	0	0.00			
31501 COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	7	0	0.00	2	0	0.00				4	0	0.00	1	0	0.00
31616 FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	6	0	0.00	2	0	0.00				3	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: CANY0048

NPS Station ID: CANY0048
 Location: (D-31-20)31BC
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 14030005
 Major Basin: COLORADO RIVER
 Minor Basin: UPPER COLORADO RIVER
 RF1 Index: 14030005
 RF3 Index: 14070004002901.17

LAT/LON: 38.041198/-109.771142

Depth of Water: 0
 Elevation: 0

RF1 Mile Point: 0.000
 RF3 Mile Point: 2.36

Agency: 11NPSWRD
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): CANY_ERI_SC8B
 Within Park Boundary: Yes

Date Created: 08/21/99

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.80
 Distance from RF3: 0.11

On/Off RF1:
 On/Off RF3:

Description:
 The station is located on the Druid Arch Utah 7.5 minute series (topographic) quadrangle. The site is a rise that enters Salt Creek from the west about 1/4 mile downstream of the Upper Jump in Canyonlands National Park. Vegetation present includes Juncus and Salix spp. Decaying vegetation plentiful in the rise. Sampled at confluence with Salt Creek. The source; probably a spring; was not found. The data are from the report "Water Resources Descriptions and Data Base Canyonlands National Park Needles District and Adjacent BLM Lands" prepared by Ecosystems Research Institute (October 1984). For information on Canyonlands National Park; contact the Chief of Resources at Canyonlands National Park; 2282 S. West Resource Blvd.; Moab UT 84532 (Tel. 801-259-7164). Data were processed and uploaded to STORET by Lisa Dummer; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: CANY0048

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/28/84-04/28/84	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00094 SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	04/28/84-04/28/84	1	784.	784.	784.	784.	0.	0.	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	04/28/84-04/28/84	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00406 PH, FIELD, STANDARD UNITS SU	04/28/84-04/28/84	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS	04/28/84-04/28/84	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/28/84-04/28/84	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: CANY0048

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00	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: CANY0049

NPS Station ID: CANY0049 LAT/LON: 38.041670/-109.761116

Location: SALT CREEK; UPSTREAM FROM KIRK'S CABIN

Station Type: /TYPA/AMBNT/STREAM

RMI-Indexes:

RMI-Miles:

HUC: 14030005

Major Basin: COLORADO RIVER

Minor Basin: UPPER COLORADO RIVER

RF1 Index: 14030005

RF3 Index: 14070004002901.17

Depth of Water: 0

Elevation: 6000

RF1 Mile Point: 0.000

RF3 Mile Point: 2.36

Agency: 11NPSWRD

FIPS State/County: 49037 UTAH/SAN JUAN

STORET Station ID(s): CANY_BLM_SCK2

Within Park Boundary: Yes

Date Created: 08/07/99

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 0.80

Distance from RF3: 0.11

On/Off RF1:

On/Off RF3:

Description:

THE STATION IS LOCATED ON THE DRUID ARCH UT 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT SALT CREEK AT THE TOP OF UPPER JUMP; UPSTREAM FROM KIRK'S CABIN; AND IS INSIDE THE CANYONLANDS NATIONAL PARK. THE DATA ARE FROM THE REPORT "ARCHES AND CANYONLANDS NATIONAL PARK AQUATIC STUDY" BY J. CONNOR (NPS) AND W.G. KEPNER (BLM) (1983). THE PURPOSE OF THE STUDY WAS TO MONITOR THE IMPACTS BY VISITORS IN THE BACKCOUNTRY TO WATER SOURCES IN THE PARKS. THE STUDY WAS A JOINT EFFORT BETWEEN THE NATIONAL PARK SERVICE AND THE BUREAU OF LAND MANAGEMENT. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT CANYONLANDS NATIONAL PARK; 2282 WEST RESOURCE BLVD.; MOAB UT 84532 (TEL. 801-259-7164). DATA WERE PROCESSED AND UPLOADED TO STORET BY LISA DUMMER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DR. SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: CANY0049

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/24/83-08/24/83	1	14.9	14.9	14.9	14.9	0.	0.	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	08/24/83-08/24/83	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00094 SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	08/24/83-08/24/83	1	714.	714.	714.	714.	0.	0.	**	**	**	**
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/24/83-08/24/83	1	5.5	5.5	5.5	5.5	0.	0.	**	**	**	**
00406 PH, FIELD, STANDARD UNITS SU	08/24/83-08/24/83	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS	08/24/83-08/24/83	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/24/83-08/24/83	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	08/24/83-08/24/83	1	220.	220.	220.	220.	0.	0.	**	**	**	**
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	08/24/83-08/24/83	1	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	08/24/83-08/24/83	1	430.	430.	430.	430.	0.	0.	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	08/24/83-08/24/83	1	12.	12.	12.	12.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0049

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						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: CANY0049

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						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								
		Drinking Water	10.	1	0	0.00	1	0	0.00								
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00	1	0	0.00								
00945	SULFATE, TOTAL (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: CANY0050

NPS Station ID: CANY0050
 Location: (D-31-21)32BA
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 14030005
 Major Basin: COLORADO RIVER
 Minor Basin: UPPER COLORADO RIVER
 RF1 Index: 14030005
 RF3 Index: 14070004002901.17
 Description:

LAT/LON: 38.043199/-109.641087

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 2.36

Agency: 11NPSWRD
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): CANY_ERI_LC14
 Within Park Boundary: No

Date Created: 08/21/99

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.80
 Distance from RF3: 0.11

On/Off RF1:
 On/Off RF3:

The station is located on the South Six-shooter Peak Utah 7.5 minute series (topographic) quadrangle. The site is a rise outside Canyonlands National Park. The sample was taken at the downstream extent of the rise. Bacteriological samples were held longer than 30 hours. Flow was measured in a 90 degree triangular notch weir. Source Type: Rise. Formation: Alluvium. Position: Stream channel. Substrate: Sand/gravel. The data are from the report "Water Resources Descriptions and Data Base Canyonlands National Park Needles District and Adjacent BLM Lands" prepared by Ecosystems Research Institute (October 1984). For information on Canyonlands National Park; contact the Chief of Resources at Canyonlands National Park; 2282 S. West Resource Blvd.; Moab UT 84532 (Tel. 801-259-7164). Data were processed and uploaded to STORET by Lisa Dummer; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: CANY0050

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/23/84-04/23/84	1	25.	25.	25.	25.	0.	0.	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	04/23/84-04/23/84	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/23/84-04/23/84	1	3357.	3357.	3357.	3357.	0.	0.	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	04/23/84-04/23/84	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00406 PH, FIELD, STANDARD UNITS SU	04/23/84-04/23/84	1	8.42	8.42	8.42	8.42	0.	0.	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS	04/23/84-04/23/84	1	8.42	8.42	8.42	8.42	0.	0.	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/23/84-04/23/84	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	04/23/84-04/23/84	1	315.	315.	315.	315.	0.	0.	**	**	**	**
00515 RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	04/23/84-04/23/84	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00600 NITROGEN, TOTAL (MG/L AS N)	04/23/84-04/23/84	1	0.24	0.24	0.24	0.24	0.	0.	**	**	**	**
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/23/84-04/23/84	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00615 NITRITE NITROGEN, TOTAL (MG/L AS N)	04/23/84-04/23/84	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	04/23/84-04/23/84	1	0.012	0.012	0.012	0.012	0.	0.	**	**	**	**
00665 PHOSPHORUS, TOTAL (MG/L AS P)	04/23/84-04/23/84	1	0.017	0.017	0.017	0.017	0.	0.	**	**	**	**
00680 CARBON, TOTAL ORGANIC (MG/L AS C)	04/23/84-04/23/84	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	04/23/84-04/23/84	1	520.	520.	520.	520.	0.	0.	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	04/23/84-04/23/84	1	646.	646.	646.	646.	0.	0.	**	**	**	**
00946 SULFATE, DISSOLVED (MG/L AS SO4)	04/23/84-04/23/84	1	301.	301.	301.	301.	0.	0.	**	**	**	**
01516 ALPHA, SUSPEND GROSS, AS URANIUM NATURAL, PC/L	04/23/84-04/23/84	1	3.	3.	3.	3.	0.	0.	**	**	**	**
03516 BETA, SUSPENDED GROSS, AS CS-137, PC/L	04/23/84-04/23/84	1	10.	10.	10.	10.	0.	0.	**	**	**	**
31501 COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/23/84-04/23/84	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31501 LOG COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,	04/23/84-04/23/84	1	0.	0.	0.	0.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: CANY0050

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501 GM COLIFORM,TOT,MEMBRANE FILTER,IMMED,M-ENDO MED,3	GEOMETRIC MEAN =			1.								
31616 FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/23/84-04/23/84	1	2.	2.	2.	2.	0.	0.	**	**	**	**
31616 LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/23/84-04/23/84	1	0.301	0.301	0.301	0.301	0.	0.	**	**	**	**
31616 GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.								
50786 ORTHOPHOSPHATE AS P, WATER MG/L	04/23/84-04/23/84	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/23/84-04/23/84	1	1863.	1863.	1863.	1863.	0.	0.	**	**	**	**
70953 CHLOROPHYLL-A,PHYTOPLANKTON UG/L,CHROMO-FLUORO	04/23/84-04/23/84	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: CANY0050

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	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			
00615 NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	0	0.00							1	0	0.00			
00620 NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00							1	0	0.00			
00941 CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
	Drinking Water	250.	1	1	1.00							1	1	1.00			
00946 SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	1	1.00							1	1	1.00			
31501 COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	0	0.00							1	0	0.00			
31616 FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: CANY0051

NPS Station ID: CANY0051
 Location: (D-31-20)31BB
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 14030005
 Major Basin: COLORADO RIVER
 Minor Basin: UPPER COLORADO RIVER
 RF1 Index: 14030005
 RF3 Index: 14070004002901.17

LAT/LON: 38.043949/-109.767838

Depth of Water: 0
 Elevation: 0

RF1 Mile Point: 0.000
 RF3 Mile Point: 2.36

Agency: 11NPSWRD
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): CANY_ERI_SC8C
 Within Park Boundary: Yes

Date Created: 08/21/99

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.80
 Distance from RF3: 0.11

On/Off RF1:
 On/Off RF3:

Description:

The station is located on the Druid Arch Utah 7.5 minute series (topographic) quadrangle. The site is a rise in Salt Creek immediately upstream of confluence with CANY_ERI_SC8B. Sample point was just below a series of stagnant pools. Salt Creek was flowing as a stream due to recent rain and snow melt. Due to the ephemeral nature of Salt Creek, rise is the appropriate type. Flow was estimated velocity X width X average depth. The data are from the report "Water Resources Descriptions and Data Base Canyonlands National Park Needles District and Adjacent BLM Lands" prepared by Ecosystems Research Institute (October 1984). For information on Canyonlands National Park; contact the Chief of Resources at Canyonlands National Park; 2282 S. West Resource Blvd.; Moab UT 84532 (Tel. 801-259-7164). Data were processed and uploaded to STORET by Lisa Dummer; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: CANY0051

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/28/84-04/28/84	1	10.9	10.9	10.9	10.9	0.	0.	**	**	**	**
00094 SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	04/28/84-04/28/84	1	761.	761.	761.	761.	0.	0.	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	04/28/84-04/28/84	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00406 PH, FIELD, STANDARD UNITS SU	04/28/84-04/28/84	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS	04/28/84-04/28/84	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/28/84-04/28/84	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0051

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	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: CANY0052

NPS Station ID: CANY0052
 Location: (D-30-17) 9CB-S
 Station Type: /TYPA/AMBNT/SPRING
 RMI-Indexes:
 RMI-Miles:
 HUC: 14070001
 Major Basin:
 Minor Basin:
 RF1 Index: 14070001
 RF3 Index: 14070004002300.00
 Description:

LAT/LON: 38.047226/-110.066670

Depth of Water: 0
 Elevation: 0

RF1 Mile Point: 0.000
 RF3 Mile Point: 1.96

Agency: 112WRD
 FIPS State/County: 49055 UTAH/WAYNE
 STORET Station ID(s): 380250110040001
 Within Park Boundary: No

Date Created: 02/28/78

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 4.40
 Distance from RF3: 0.20

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: CANY0052

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00070 TURBIDITY, (JACKSON CANDLE UNITS)	07/01/68-07/01/68	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/01/68-07/01/68	1	1770.	1770.	1770.	1770.	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	07/01/68-07/01/68	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	07/01/68-07/01/68	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/01/68-07/01/68	1	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00405 CARBON DIOXIDE (MG/L AS CO2)	07/01/68-07/01/68	1	9.2	9.2	9.2	9.2	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	07/01/68-07/01/68	1	187.	187.	187.	187.	0.	0.	**	**	**	**
00440 BICARBONATE ION (MG/L AS HCO3)	07/01/68-07/01/68	1	227.	227.	227.	227.	0.	0.	**	**	**	**
00445 CARBONATE ION (MG/L AS CO3)	07/01/68-07/01/68	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00618 NITRATE NITROGEN, DISSOLVED (MG/L AS N)	07/01/68-07/01/68	1	0.29	0.29	0.29	0.29	0.	0.	**	**	**	**
00650 PHOSPHATE, TOTAL (MG/L AS PO4)	07/01/68-07/01/68	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	07/01/68-07/01/68	1	894.	894.	894.	894.	0.	0.	**	**	**	**
00902 HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	07/01/68-07/01/68	1	710.	710.	710.	710.	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	07/01/68-07/01/68	1	198.	198.	198.	198.	0.	0.	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	07/01/68-07/01/68	1	97.	97.	97.	97.	0.	0.	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	07/01/68-07/01/68	1	53.	53.	53.	53.	0.	0.	**	**	**	**
00931 SODIUM ADSORPTION RATIO	07/01/68-07/01/68	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00932 SODIUM, PERCENT	07/01/68-07/01/68	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	07/01/68-07/01/68	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00940 CHLORIDE, TOTAL IN WATER MG/L	07/01/68-07/01/68	1	33.	33.	33.	33.	0.	0.	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	07/01/68-07/01/68	1	787.	787.	787.	787.	0.	0.	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	07/01/68-07/01/68	1	0.34	0.34	0.34	0.34	0.	0.	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SiO2)	07/01/68-07/01/68	1	11.	11.	11.	11.	0.	0.	**	**	**	**
01000 ARSENIC, DISSOLVED (UG/L AS AS)	07/01/68-07/01/68	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01005 BARIUM, DISSOLVED (UG/L AS BA)	07/01/68-07/01/68	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01020 BORON, DISSOLVED (UG/L AS B)	07/01/68-07/01/68	1	220.	220.	220.	220.	0.	0.	**	**	**	**
01025 CADMIUM, DISSOLVED (UG/L AS CD)	07/01/68-07/01/68	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01030 CHROMIUM, DISSOLVED (UG/L AS CR)	07/01/68-07/01/68	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01040 COPPER, DISSOLVED (UG/L AS CU)	07/01/68-07/01/68	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01045 IRON, TOTAL (UG/L AS FE)	07/01/68-07/01/68	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01046 IRON, DISSOLVED (UG/L AS FE)	07/01/68-07/01/68	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01049 LEAD, DISSOLVED (UG/L AS PB)	07/01/68-07/01/68	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01056 MANGANESE, DISSOLVED (UG/L AS MN)	07/01/68-07/01/68	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01075 SILVER, DISSOLVED (UG/L AS AG)	07/01/68-07/01/68	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01090 ZINC, DISSOLVED (UG/L AS ZN)	07/01/68-07/01/68	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01145 SELENIUM, DISSOLVED (UG/L AS SE)	07/01/68-07/01/68	1	0.	0.	0.	0.	0.	0.	**	**	**	**
38260 METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	07/01/68-07/01/68	1	0.	0.	0.	0.	0.	0.	**	**	**	**
70301 SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/01/68-07/01/68	1	1406.	1406.	1406.	1406.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: CANY0052

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71830 HYDROXIDE ION (MG/L AS OH)	07/01/68-07/01/68	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
71851 NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/01/68-07/01/68	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0052

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070 TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	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
00618 NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00										1	0	0.00
00940 CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	1	0	0.00										1	0	0.00
	Drinking Water	250.	1	0	0.00										1	0	0.00
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	1	1.00										1	1	1.00
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
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
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
01145 SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00										1	0	0.00
	Drinking Water	50.	1	0	0.00										1	0	0.00
71851 NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: CANY0053

NPS Station ID: CANY0053
 Location: COLORADO RIVER AT LAKE POWELL
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 14070001
 Major Basin: COLORADO RIVER
 Minor Basin: UPPER COLORADO RIVER
 RF1 Index: 14070001034
 RF3 Index: 14070001002701.71
 Description:
 DATA FROM THE UTAH DIVISION OF WILDLIFE RESOURCES
 COLORADO RIVER AT LAKE POWELL

LAT/LON: 38.058656/-110.041350

Depth of Water: 0
 Elevation: 0

RF1 Mile Point: 11.160
 RF3 Mile Point: 6.32

Agency: 21UTWR
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): 007
 Within Park Boundary: No

Date Created: 02/02/79

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.02

On/Off RF1: ON
 On/Off RF3:

SAMPLES ANALYZED FOR TOXICS

SAMPLE TAKEN FROM

Parameter Inventory for Station: CANY0053

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00023	SAMPLE WEIGHT IN POUNDS	12/01/71-04/27/72	9	0.87	1.01	2.9	0.24	0.647	0.805	0.24	0.395	1.26	2.9
01004	ARSENIC TOTAL IN FISH OR ANIMAL WET WT MG/KG	12/01/71-04/27/72	9	0.08	0.092	0.16	0.06	0.001	0.032	0.06	0.07	0.11	0.16
01149	SELENIUM, TOTAL IN FISH OR ANIMALS WET WGT MG/KG	12/01/71-04/27/72	9	0.44	0.541	1.01	0.38	0.043	0.207	0.38	0.4	0.66	1.01
34474	SILVER WET WGT TISMG/KG	12/01/71-04/27/72	9	0.042	0.044	0.08	0.013	0.001	0.023	0.013	0.025	0.063	0.08
34680	ALDRIN IN FISH TISSUE WET WEIGHT MG/KG	12/01/71-04/27/72	9##	0.005	0.046	0.244	0.005	0.007	0.086	0.005	0.005	0.072	0.244
34685	ENDRIN WET WGT TISMG/KG	12/01/71-04/27/72	9##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
34686	HEPTACHLOR EPOXIDE WET WGT TISMG/KG	12/01/71-04/27/72	9##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
34687	HEPTACHLOR WET WGT TISMG/KG	12/01/71-04/27/72	9##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
39074	BHC-ALPHA ISOMER, TISSUE UG/G WET WGT	12/01/71-04/27/72	9##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
39290	DDT TOTAL IN TISSUE WET WGT BASIS (UG/G)	12/01/71-04/27/72	9##	0.005	0.135	1.	0.005	0.109	0.329	0.005	0.005	0.093	1.
39312	P P DDD IN TISSUE WET WGT (UG/G)	12/01/71-04/27/72	9##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
39322	P,P'-DDE IN TISSUE WET WGT MG/KG	12/01/71-04/27/72	9	0.28	0.266	0.66	0.005	0.041	0.203	0.005	0.083	0.375	0.66
39404	DIELDRIN IN TISSUE WET WGT (UG/G)	12/01/71-04/27/72	9##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
39482	METHOXYCHLOR IN FISH - UG/KG	12/01/71-04/27/72	9##	5.	6.444	18.	5.	18.778	4.333	5.	5.	5.	18.
39785	GAMMA-BHC(LINDANE), TISSUE, WET WEIGHT, MG/KG	12/01/71-04/27/72	9##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
71930	MERCURY, TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	12/01/71-04/27/72	9	0.08	0.106	0.2	0.04	0.004	0.059	0.04	0.06	0.17	0.2
71936	LEAD, TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	12/01/71-04/27/72	9	0.39	0.343	0.58	0.16	0.019	0.138	0.16	0.215	0.435	0.58
71939	CHROMIUM, TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	12/01/71-04/27/72	9	1.94	1.719	2.21	0.37	0.356	0.596	0.37	1.465	2.165	2.21
71940	CADMIUM, TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	12/01/71-04/27/72	9	0.19	0.232	0.58	0.11	0.021	0.145	0.11	0.13	0.28	0.58
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	12/01/71-04/27/72	9	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.

** - Less than 9 observations ## - 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: CANY0054

NPS Station ID: CANY0054
 Location: SALT CK ON OLD BATES WILSON RD SC-9
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 14030005
 Major Basin:
 Minor Basin:
 RF1 Index:
 RF3 Index: 14070004002901.17

LAT/LON: 38.064667/-109.771667

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 2.36

Agency: 21UTAH
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): 599514
 Within Park Boundary: Yes

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.80
 Distance from RF3: 0.11

On/Off RF1:
 On/Off RF3:

Description:
 WATER QUALITY STATION IS LOCATED IN CANYONLANDS NP. THIS PARK
 WATER SAMPLES WERE COLLECTED BY CANYONLANDS NATIONAL PARK
 435-259-3911); ANALYZED BY THE UTAH DEPARTMENT OF HEALTH
 ENVIRONMENTAL QUALITY - DIVISION OF WATER QUALITY.

IS MANAGED BY THE NATIONAL PARK SERVICE'S SOUTHEAST UTAH GROUP
 NATURAL RESOURCE MANAGEMENT STAFF (125 W. 200 S.; MOAB UT 84532;
 LABORATORY AND UPLOADED INTO STORET BY THE UTAH DEPARTMENT OF

Parameter Inventory for Station: CANY0054

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/14/95-09/09/99	8	15.1	14.935	22.1	1.5	39.328	6.271	**	**	**	**
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/14/95-09/09/99	8	18.	20.8	38.	13.	69.806	8.355	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	06/14/95-06/14/95	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/14/95-09/09/99	8	4.65	12.343	67.	0.935	496.221	22.276	**	**	**	**
00094 SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/14/95-09/09/99	8	915.	985.375	1344.	793.	36625.696	191.378	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/14/95-09/09/99	8	884.5	940.125	1230.	795.	22429.554	149.765	**	**	**	**
00191 HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	06/14/95-09/09/99	8	0.	0.	0.	0.	0.	0.	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	06/14/95-09/09/99	7	6.5	7.686	18.8	2.2	30.635	5.535	**	**	**	**
00400 PH (STANDARD UNITS)	06/14/95-09/09/99	8	8.365	8.356	8.57	8.13	0.015	0.124	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	06/14/95-09/09/99	8	8.365	8.34	8.57	8.13	0.016	0.126	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/14/95-09/09/99	8	0.004	0.005	0.007	0.003	0.	0.001	**	**	**	**
00405 CARBON DIOXIDE (MG/L AS CO2)	06/14/95-09/09/99	8	4.	4.	6.	2.	1.714	1.309	**	**	**	**
00406 PH, FIELD, STANDARD UNITS SU	06/14/95-09/09/99	8	7.95	7.878	8.4	7.1	0.163	0.404	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS	06/14/95-09/09/99	8	7.947	7.688	8.4	7.1	0.205	0.452	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/14/95-09/09/99	8	0.011	0.021	0.079	0.004	0.001	0.025	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	06/14/95-09/09/99	8	420.	442.125	571.	364.	4158.696	64.488	**	**	**	**
00440 BICARBONATE ION (MG/L AS HCO3)	06/14/95-09/09/99	8	512.	539.	696.	444.	6173.714	78.573	**	**	**	**
00445 CARBONATE ION (MG/L AS CO3)	06/14/95-09/09/99	8	0.	0.	0.	0.	0.	0.	**	**	**	**
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/14/95-09/09/99	8	10.6	28.625	128.	0.	1838.256	42.875	**	**	**	**
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/14/95-05/10/99	7 ##	0.025	0.054	0.115	0.025	0.002	0.041	**	**	**	**
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/14/95-04/28/97	3	0.34	0.447	0.75	0.25	0.071	0.267	**	**	**	**
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/09/99-09/09/99	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00631 NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/14/95-05/10/99	7 ##	0.01	0.07	0.383	0.01	0.019	0.139	**	**	**	**
00665 PHOSPHORUS, TOTAL (MG/L AS P)	06/14/95-09/09/99	6	0.02	0.025	0.05	0.01	0.	0.016	**	**	**	**
00666 PHOSPHORUS, DISSOLVED (MG/L AS P)	06/14/95-05/10/99	6 ##	0.01	0.021	0.083	0.005	0.001	0.03	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	06/14/95-09/09/99	8	434.95	449.588	530.9	381.3	2702.636	51.987	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	06/14/95-09/09/99	8	54.3	53.175	68.2	24.8	216.196	14.704	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	06/14/95-09/09/99	8	68.75	77.025	114.	60.1	359.148	18.951	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	06/14/95-09/09/99	8	36.45	47.375	83.3	32.	433.068	20.81	**	**	**	**

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

Parameter Inventory for Station: CANY0054

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/14/95-09/09/99	8	4.285	4.313	5.8	3.41	0.579	0.761	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/14/95-09/09/99	8	27.	34.75	60.	22.5	233.571	15.283	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/14/95-09/09/99	8	57.7	64.338	109.2	26.	1057.911	32.526	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	04/28/97-09/09/99	6 ##	2.5	4.25	13.	2.5	18.375	4.287	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	04/28/97-09/09/99	6	200.	196.667	270.	120.	2786.667	52.789	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	04/28/97-09/09/99	6 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	04/28/97-09/09/99	6	9.55	11.883	22.	2.5	57.774	7.601	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	04/28/97-09/09/99	6 ##	6.	9.	18.	6.	25.2	5.02	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	04/28/97-09/09/99	6	24.95	22.783	34.	10.	115.282	10.737	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	04/28/97-09/09/99	6 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/28/97-09/09/99	6	10.65	14.117	27.	5.8	76.842	8.766	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	04/28/97-09/09/99	6 ##	1.	1.	1.	1.	0.	0.	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	04/28/97-09/09/99	6 ##	15.	15.	15.	15.	0.	0.	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	04/28/97-09/09/99	6 ##	23.	36.833	98.	15.	1061.767	32.585	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	04/28/97-09/09/99	6 ##	0.85	0.917	1.5	0.5	0.218	0.467	**	**	**
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	06/14/95-06/14/95	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
61027	ANIONS, SUM, TOTAL IN WATER MG/L	06/14/95-09/09/99	8	338.5	364.25	499.	290.	5448.214	73.812	**	**	**
61944	CATIONS, SUM, TOTAL IN WATER, MG/L	06/14/95-09/09/99	8	171.5	182.	226.	150.	845.143	29.071	**	**	**
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	06/14/95-09/09/99	8	507.	558.5	762.	452.	12498.	111.794	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	04/28/97-09/09/99	6 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**
82701	ALUMINUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/14/95-06/14/95	1 ##	15.	15.	15.	15.	0.	0.	**	**	**
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/14/95-06/14/95	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	06/14/95-06/14/95	1	0.19	0.19	0.19	0.19	0.	0.	**	**	**
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/14/95-06/14/95	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/14/95-06/14/95	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/14/95-06/14/95	1 ##	6.	6.	6.	6.	0.	0.	**	**	**
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	06/14/95-06/14/95	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/14/95-06/14/95	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/14/95-06/14/95	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/14/95-06/14/95	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/14/95-06/14/95	1 ##	1.	1.	1.	1.	0.	0.	**	**	**
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/14/95-06/14/95	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: CANY0054

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim. 50.	8	1	0.13	3	1	0.33	1	0	0.00	3	0	0.00	1	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim. 4.	7	2	0.29	2	1	0.50	1	0	0.00	3	1	0.33	1	0	0.00
00400	PH	Fresh Chronic 9.	8	0	0.00	3	0	0.00	1	0	0.00	3	0	0.00	1	0	0.00
		Other-Lo Lim. 6.5	8	0	0.00	3	0	0.00	1	0	0.00	3	0	0.00	1	0	0.00
00406	PH, FIELD	Fresh Chronic 9.	8	0	0.00	3	0	0.00	1	0	0.00	3	0	0.00	1	0	0.00
		Other-Lo Lim. 6.5	8	0	0.00	3	0	0.00	1	0	0.00	3	0	0.00	1	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water 10.	1	0	0.00	1	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water 10.	7	0	0.00	2	0	0.00	1	0	0.00	3	0	0.00	1	0	0.00
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute 860.	8	0	0.00	3	0	0.00	1	0	0.00	3	0	0.00	1	0	0.00
		Drinking Water 250.	8	0	0.00	3	0	0.00	1	0	0.00	3	0	0.00	1	0	0.00
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water 250.	8	0	0.00	3	0	0.00	1	0	0.00	3	0	0.00	1	0	0.00
01000	ARSENIC, DISSOLVED	Fresh Acute 360.	6	0	0.00	2	0	0.00	1	0	0.00	3	0	0.00			
		Drinking Water 50.	6	0	0.00	2	0	0.00	1	0	0.00	3	0	0.00			
01005	BARIUM, DISSOLVED	Drinking Water 2000.	6	0	0.00	2	0	0.00	1	0	0.00	3	0	0.00			
01025	CADMIUM, DISSOLVED	Fresh Acute 3.9	6	0	0.00	2	0	0.00	1	0	0.00	3	0	0.00			
		Drinking Water 5.	6	0	0.00	2	0	0.00	1	0	0.00	3	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water 100.	6	0	0.00	2	0	0.00	1	0	0.00	3	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute 18.	6	1	0.17	2	0	0.00	1	0	0.00	3	1	0.33			
		Drinking Water 1300.	6	0	0.00	2	0	0.00	1	0	0.00	3	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute 82.	6	0	0.00	2	0	0.00	1	0	0.00	3	0	0.00			
		Drinking Water 15.	6	0	0.00	2	0	0.00	1	0	0.00	3	0	0.00			

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

EPA Water Quality Criteria Analysis for Station: CANY0054

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
01075 SILVER, DISSOLVED	Fresh Acute	4.1	6	0	0.00	2	0	0.00	1	0	0.00	3	0	0.00			
	Drinking Water	100.	6	0	0.00	2	0	0.00	1	0	0.00	3	0	0.00			
01090 ZINC, DISSOLVED	Fresh Acute	120.	6	0	0.00	2	0	0.00	1	0	0.00	3	0	0.00			
	Drinking Water	5000.	6	0	0.00	2	0	0.00	1	0	0.00	3	0	0.00			
01145 SELENIUM, DISSOLVED	Fresh Acute	20.	6	0	0.00	2	0	0.00	1	0	0.00	3	0	0.00			
	Drinking Water	50.	6	0	0.00	2	0	0.00	1	0	0.00	3	0	0.00			
01167 SELENIUM, ACID SOLUBLE, WATER, WHOLE	Fresh Acute	20.	1	0	0.00										1	0	0.00
	Drinking Water	50.	1	0	0.00										1	0	0.00
71890 MERCURY, DISSOLVED	Fresh Acute	2.4	6	0	0.00	2	0	0.00	1	0	0.00	3	0	0.00			
	Drinking Water	2.	6	0	0.00	2	0	0.00	1	0	0.00	3	0	0.00			
82702 ARSENIC, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	360.	1	0	0.00										1	0	0.00
	Drinking Water	50.	1	0	0.00										1	0	0.00
82703 BARIUM, FIELD ACIDIFIED, DECANTED, WATER	Drinking Water	2.	1	0	0.00										1	0	0.00
82705 CADMIUM, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	3.9	1	0	0.00										1	0	0.00
	Drinking Water	5.	1	0	0.00										1	0	0.00
82706 CHROMIUM, FIELD ACIDIFIED, DECANTED, WAT	Drinking Water	100.	1	0	0.00										1	0	0.00
82708 COPPER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	18.	1	0	0.00										1	0	0.00
	Drinking Water	1300.	1	0	0.00										1	0	0.00
82711 LEAD, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	82.	1	0	0.00										1	0	0.00
	Drinking Water	15.	1	0	0.00										1	0	0.00
82713 MERCURY, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	2.4	1	0	0.00										1	0	0.00
	Drinking Water	2.	1	0	0.00										1	0	0.00
82716 SILVER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	4.1	1	0	0.00										1	0	0.00
	Drinking Water	100.	1	0	0.00										1	0	0.00
82719 ZINC, FIELD ACIDIFIED, DECANTED, WATER	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: CANY0055

NPS Station ID: CANY0055

Location: INDIAN CK AT DUGOUT RANCH

Station Type: /TYP/AMBNT/STREAM

RMI-Indexes:

RMI-Miles:

HUC: 14030005

Major Basin:

Minor Basin:

RF1 Index:

RF3 Index: 14030005000211.03

Description:

LAT/LON: 38.069167/-109.564167

Depth of Water: 0

Elevation: 0

RF1 Mile Point: 0.000

RF3 Mile Point: 11.87

Agency: 21UTAH

FIPS State/County: 49037 UTAH/SAN JUAN

STORET Station ID(s): 495577

Within Park Boundary: No

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 0.00

Distance from RF3: 0.03

Date Created: / /

On/Off RF1:

On/Off RF3:

Parameter Inventory for Station: CANY0055

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: CANY0056

NPS Station ID: CANY0056
 Location: (D-31-20)24B
 Station Type: /TYPA/AMBNT/SPRING
 RMI-Indexes:
 RMI-Miles:
 HUC: 14030005
 Major Basin: COLORADO RIVER
 Minor Basin: UPPER COLORADO RIVER
 RF1 Index: 14030005
 RF3 Index: 14070004002901.17

LAT/LON: 38.070727/-109.677642

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 2.36

Agency: 11NPSWRD
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): CANY_ERI_DC4
 Within Park Boundary: No

Date Created: 08/21/99

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.80
 Distance from RF3: 0.11

On/Off RF1:
 On/Off RF3:

Description:

The station is located on the South Six-shooter Peak Utah 7.5 minute series (topographic) quadrangle. The site is a spring outside of Canyonlands National Park. Riparian vegetation and heavy cattle use are present at the site. Bacteriological samples were held longer than 30 hours. Flow was estimated as velocity X width X average depth. Formation: Cedar Mesa/Alluvium. Position: Stream channel. Substrate: Sand/gravel. The data are from the report "Water Resources Descriptions and Data Base Canyonlands National Park Needles District and Adjacent BLM Lands" prepared by Ecosystems Research Institute (October 1984). For information on Canyonlands National Park; contact the Chief of Resources at Canyonlands National Park; 2282 S. West Resource Blvd.; Moab UT 84532 (Tel. 801-259-7164). Data were processed and uploaded to STORET by Lisa Dummer; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: CANY0056

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/23/84-04/23/84	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00094 SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	04/23/84-04/23/84	1	875.	875.	875.	875.	0.	0.	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	04/23/84-04/23/84	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00406 PH, FIELD, STANDARD UNITS SU	04/23/84-04/23/84	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS	04/23/84-04/23/84	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/23/84-04/23/84	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	04/23/84-04/23/84	1	445.	445.	445.	445.	0.	0.	**	**	**	**
00515 RESIDUE, TOTAL FILTRABLE (DRIED AT 105C), MG/L	04/23/84-04/23/84	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00600 NITROGEN, TOTAL (MG/L AS N)	04/23/84-04/23/84	1	0.28	0.28	0.28	0.28	0.	0.	**	**	**	**
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/23/84-04/23/84	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00615 NITRITE NITROGEN, TOTAL (MG/L AS N)	04/23/84-04/23/84	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	04/23/84-04/23/84	1	0.056	0.056	0.056	0.056	0.	0.	**	**	**	**
00665 PHOSPHORUS, TOTAL (MG/L AS P)	04/23/84-04/23/84	1	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00680 CARBON, TOTAL ORGANIC (MG/L AS C)	04/23/84-04/23/84	1	5.8	5.8	5.8	5.8	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	04/23/84-04/23/84	1	434.	434.	434.	434.	0.	0.	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	04/23/84-04/23/84	1	22.	22.	22.	22.	0.	0.	**	**	**	**
00946 SULFATE, DISSOLVED (MG/L AS SO4)	04/23/84-04/23/84	1	28.	28.	28.	28.	0.	0.	**	**	**	**
01516 ALPHA, SUSPEND GROSS, AS URANIUM NATURAL, PC/L	04/23/84-04/23/84	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
03516 BETA, SUSPENDED GROSS, AS CS-137, PC/L	04/23/84-04/23/84	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

Parameter Inventory for Station: CANY0056

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501 COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/23/84-04/23/84	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31501 LOG COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,	04/23/84-04/23/84	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31501 GM COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.								
31616 FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/23/84-04/23/84	1	4.	4.	4.	4.	0.	0.	**	**	**	**
31616 LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/23/84-04/23/84	1	0.602	0.602	0.602	0.602	0.	0.	**	**	**	**
31616 GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			4.								
50786 ORTHOPHOSPHATE AS P, WATER MG/L	04/23/84-04/23/84	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/23/84-04/23/84	1	441.	441.	441.	441.	0.	0.	**	**	**	**
70953 CHLOROPHYLL-A,PHYTOPLANKTON UG/L,CHROMO-FLUORO	04/23/84-04/23/84	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: CANY0056

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	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			
00615 NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	0	0.00							1	0	0.00			
00620 NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00							1	0	0.00			
00941 CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
	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			
31501 COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	0	0.00							1	0	0.00			
31616 FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: CANY0057

NPS Station ID: CANY0057
 Location: COLORADO R. BL BIG DROP #3 RAPIDS
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 14070001
 Major Basin:
 Minor Basin:
 RF1 Index:
 RF3 Index: 14070001039603.34
 Description:

LAT/LON: 38.079036/-110.039825

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 6.24

Agency: 21UTAH
 FIPS State/County: 49017 UTAH/GARFIELD
 STORET Station ID(s): 495238
 Within Park Boundary: Yes

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.24

On/Off RF1:
 On/Off RF3:

WATER QUALITY STATION IS LOCATED IN CANYONLANDS NP. THIS PARK IS MANAGED BY THE NATIONAL PARK SERVICE'S SOUTHEAST UTAH GROUP.
 WATER SAMPLES COLLECTED BY CANYONLANDS NATIONAL PARK NATURAL RESOURCE MANAGEMENT STAFF (125 W. 200 S.; MOAB UT 84532; TELEPHONE:
 435-259-3911); ANALYZED BY THE UTAH DEPARTMENT OF HEALTH LABORATORY AND UPLOADED INTO STORET BY THE UTAH DEPARTMENT OF
 ENVIRONMENTAL QUALITY - DIVISION OF WATER QUALITY.

Parameter Inventory for Station: CANY0057

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/12/90-08/05/99	8	23.45	20.85	26.5	4.5	48.857	6.99	**	**	**	**
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	07/02/93-08/05/99	6	26.	25.5	32.7	14.4	40.072	6.33	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	07/12/90-09/10/97	3	7100.	7533.333	9800.	5700.	4343333.333	2084.067	**	**	**	**
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/12/90-08/05/99	12	319.5	380.275	1242.	16.	137454.653	370.749	30.79	92.75	446.25	1160.1
00094 SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/12/90-08/05/99	8	860.5	821.	990.	373.	38083.143	195.149	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/12/90-08/05/99	12	954.	905.333	1219.	388.	52124.242	228.307	474.7	771.5	1081.	1198.
00191 HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	07/12/90-08/05/99	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00300 OXYGEN, DISSOLVED MG/L	07/12/90-08/31/98	5	7.8	8.14	10.8	5.8	3.318	1.822	**	**	**	**
00335 COD, .025N K2CR2O7 MG/L	07/12/90-07/12/90	1 ##	7.	7.	7.	7.	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	07/12/90-08/05/99	12	8.27	8.061	8.44	7.3	0.156	0.396	7.39	7.725	8.4	8.428
00400 CONVERTED PH (STANDARD UNITS)	07/12/90-08/05/99	12	8.268	7.881	8.44	7.3	0.192	0.438	7.39	7.725	8.4	8.428
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/12/90-08/05/99	12	0.005	0.013	0.05	0.004	0.	0.014	0.004	0.004	0.019	0.043
00405 CARBON DIOXIDE (MG/L AS CO2)	07/12/90-08/05/99	12	1.5	3.	8.	1.	6.909	2.629	1.	1.	5.5	7.7
00406 PH, FIELD, STANDARD UNITS SU	07/12/90-08/05/99	8	8.15	8.113	8.5	7.8	0.056	0.236	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS	07/12/90-08/05/99	8	8.147	8.059	8.5	7.8	0.059	0.242	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/12/90-08/05/99	8	0.007	0.009	0.016	0.003	0.	0.004	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	07/12/90-08/05/99	12	147.	144.167	175.	85.	662.152	25.732	96.1	129.25	164.75	173.8
00440 BICARBONATE ION (MG/L AS HCO3)	07/12/90-08/05/99	12	178.5	175.667	214.	104.	977.152	31.259	117.2	157.75	200.5	212.2
00445 CARBONATE ION (MG/L AS CO3)	07/12/90-08/05/99	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/12/90-08/05/99	13	616.	708.292	2180.	40.	374280.359	611.785	51.52	195.65	1082.	1856.
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/12/90-09/28/98	11 ##	0.025	0.038	0.082	0.025	0.	0.022	0.025	0.025	0.06	0.08
00615 NITRITE NITROGEN, TOTAL (MG/L AS N)	07/12/90-07/12/90	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	07/12/90-07/12/90	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/12/90-10/02/95	8	0.545	0.59	1.17	0.12	0.145	0.381	**	**	**	**
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/05/99-08/05/99	1	0.539	0.539	0.539	0.539	0.	0.	**	**	**	**
00631 NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/02/93-09/28/98	10	0.409	0.415	0.68	0.2	0.031	0.177	0.201	0.225	0.587	0.676
00665 PHOSPHORUS, TOTAL (MG/L AS P)	07/12/90-08/05/99	12	0.302	0.339	0.794	0.026	0.066	0.257	0.029	0.083	0.578	0.748
00666 PHOSPHORUS, DISSOLVED (MG/L AS P)	07/02/93-09/28/98	10 ##	0.008	0.02	0.104	0.005	0.001	0.031	0.005	0.005	0.026	0.097
00680 CARBON, TOTAL ORGANIC (MG/L AS C)	07/12/90-07/12/90	1	3.5	3.5	3.5	3.5	0.	0.	**	**	**	**

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

Parameter Inventory for Station: CANY0057

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	07/12/90-08/05/99	13	317.3	305.108	377.8	140.1	4796.716	69.258	171.86	267.3	360.45	376.8
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	07/12/90-08/05/99	13	82.7	78.308	97.	38.	289.719	17.021	44.8	68.9	89.85	96.6
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/12/90-08/05/99	13	28.	26.669	34.	11.	47.064	6.86	14.6	21.3	32.9	33.6
00930	SODIUM, DISSOLVED (MG/L AS Na)	07/12/90-08/05/99	12	83.85	76.083	110.	23.	572.158	23.92	31.7	60.025	94.75	106.1
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/12/90-08/05/99	12	3.94	3.567	4.3	1.5	0.667	0.817	1.83	3.15	4.078	4.246
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/12/90-08/05/99	12	53.75	51.792	82.	16.	358.248	18.927	21.1	37.375	63.625	81.1
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/12/90-08/05/99	12	250.98	242.39	372.4	76.12	5927.993	76.993	98.782	200.75	291.795	353.068
01000	ARSENIC, DISSOLVED (UG/L AS AS)	07/02/93-08/05/99	12 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
01005	BARIUM, DISSOLVED (UG/L AS Ba)	07/02/93-08/05/99	12	83.	84.5	110.	50.	274.818	16.578	55.7	71.75	97.5	107.
01025	CADMIUM, DISSOLVED (UG/L AS Cd)	07/02/93-08/05/99	12 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
01030	CHROMIUM, DISSOLVED (UG/L AS Cr)	07/02/93-08/05/99	12 ##	2.5	2.792	6.	2.5	1.021	1.01	2.5	2.5	2.5	4.95
01040	COPPER, DISSOLVED (UG/L AS Cu)	07/02/93-08/05/99	12 ##	6.	7.333	10.	6.	3.879	1.969	6.	6.	10.	10.
01046	IRON, DISSOLVED (UG/L AS Fe)	07/02/93-08/05/99	12 ##	10.	11.5	23.	10.	15.182	3.896	10.	10.	10.	20.6
01049	LEAD, DISSOLVED (UG/L AS Pb)	07/02/93-08/05/99	12 ##	1.5	1.5	1.5	1.5	0.	0.	1.5	1.5	1.5	1.5
01056	MANGANESE, DISSOLVED (UG/L AS Mn)	07/02/93-08/05/99	12 ##	2.5	3.708	12.	2.5	7.748	2.784	2.5	2.5	4.375	9.9
01075	SILVER, DISSOLVED (UG/L AS Ag)	07/02/93-08/05/99	12 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
01090	ZINC, DISSOLVED (UG/L AS Zn)	07/02/93-08/05/99	12 ##	15.	15.	15.	15.	0.	0.	15.	15.	15.	15.
01106	ALUMINUM, DISSOLVED (UG/L AS Al)	10/22/94-08/05/99	9 ##	15.	28.444	92.	15.	779.778	27.925	15.	15.	37.	92.
01145	SELENIUM, DISSOLVED (UG/L AS Se)	07/02/93-08/05/99	12	3.25	3.033	5.	1.	1.31	1.144	1.3	2.025	3.95	4.7
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	07/12/90-07/12/90	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
38442	DICAMBA (BANVEL) WATER,DISSUG/L	07/12/90-07/12/90	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
61027	ANIONS, SUM, TOTAL IN WATER MG/L	07/02/93-08/05/99	11	422.	380.909	504.	143.	11255.291	106.091	168.2	311.	459.	498.8
61944	CATIONS, SUM, TOTAL IN WATER, MG/L	07/02/93-08/05/99	11	203.	185.364	243.	74.	2578.255	50.777	85.2	152.	225.	240.6
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/12/90-08/05/99	13	638.	599.231	780.	246.	22788.359	150.958	322.	505.	715.	778.4
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/12/90-07/12/90	1	0.46	0.46	0.46	0.46	0.	0.	**	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS Hg)	07/02/93-08/05/99	12 ##	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	07/12/90-07/12/90	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	07/12/90-07/12/90	1	0.21	0.21	0.21	0.21	0.	0.	**	**	**	**
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	07/12/90-07/12/90	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	07/12/90-07/12/90	1	10.	10.	10.	10.	0.	0.	**	**	**	**
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	07/12/90-07/12/90	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	07/12/90-07/12/90	1	6.	6.	6.	6.	0.	0.	**	**	**	**
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	07/12/90-07/12/90	1	15.	15.	15.	15.	0.	0.	**	**	**	**
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	07/12/90-07/12/90	1	420.	420.	420.	420.	0.	0.	**	**	**	**
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	07/12/90-07/12/90	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	07/12/90-07/12/90	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	07/12/90-07/12/90	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: CANY0057

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	12	11	0.92	7	7	1.00	1	1.00	1	1	1.00	3	2	0.67
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	5	0	0.00	2	0	0.00	1	0	0.00			2	0	0.00
00400	PH	Fresh Chronic	9.	12	0	0.00	7	0	0.00	1	0	0.00	1	0	3	0	0.00
		Other-Lo Lim.	6.5	12	0	0.00	7	0	0.00	1	0	0.00	1	0	3	0	0.00
00406	PH, FIELD	Fresh Chronic	9.	8	0	0.00	5	0	0.00	1	0	0.00			2	0	0.00
		Other-Lo Lim.	6.5	8	0	0.00	5	0	0.00	1	0	0.00			2	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	0	0.00									1	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00									1	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00								
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	10	0	0.00	6	0	0.00	1	0	0.00	1	0	2	0	0.00
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	12	0	0.00	7	0	0.00	1	0	0.00	1	0	3	0	0.00
		Drinking Water	250.	12	0	0.00	7	0	0.00	1	0	0.00	1	0	3	0	0.00
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	12	6	0.50	7	4	0.57	1	1	1.00	1	0	3	1	0.33
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	12	0	0.00	7	0	0.00	2	0	0.00	1	0	2	0	0.00
		Drinking Water	50.	12	0	0.00	7	0	0.00	2	0	0.00	1	0	2	0	0.00
01005	BARIUM, DISSOLVED	Drinking Water	2000.	12	0	0.00	7	0	0.00	2	0	0.00	1	0	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: CANY0057

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	12	0	0.00	7	0	0.00	2	0	0.00	1	0	0.00	2	0	0.00
		Drinking Water	5.	12	0	0.00	7	0	0.00	2	0	0.00	1	0	0.00	2	0	0.00
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	12	0	0.00	7	0	0.00	2	0	0.00	1	0	0.00	2	0	0.00
01040	COPPER, DISSOLVED	Fresh Acute	18.	12	0	0.00	7	0	0.00	2	0	0.00	1	0	0.00	2	0	0.00
		Drinking Water	1300.	12	0	0.00	7	0	0.00	2	0	0.00	1	0	0.00	2	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	12	0	0.00	7	0	0.00	2	0	0.00	1	0	0.00	2	0	0.00
		Drinking Water	15.	12	0	0.00	7	0	0.00	2	0	0.00	1	0	0.00	2	0	0.00
01075	SILVER, DISSOLVED	Fresh Acute	4.1	12	0	0.00	7	0	0.00	2	0	0.00	1	0	0.00	2	0	0.00
		Drinking Water	100.	12	0	0.00	7	0	0.00	2	0	0.00	1	0	0.00	2	0	0.00
01090	ZINC, DISSOLVED	Fresh Acute	120.	12	0	0.00	7	0	0.00	2	0	0.00	1	0	0.00	2	0	0.00
		Drinking Water	5000.	12	0	0.00	7	0	0.00	2	0	0.00	1	0	0.00	2	0	0.00
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	12	0	0.00	7	0	0.00	2	0	0.00	1	0	0.00	2	0	0.00
		Drinking Water	50.	12	0	0.00	7	0	0.00	2	0	0.00	1	0	0.00	2	0	0.00
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE	Fresh Acute	20.	1	0	0.00									1	0	0.00	
		Drinking Water	50.	1	0	0.00									1	0	0.00	
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	12	0	0.00	7	0	0.00	2	0	0.00	1	0	0.00	2	0	0.00
		Drinking Water	2.	12	0	0.00	7	0	0.00	2	0	0.00	1	0	0.00	2	0	0.00
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	360.	1	0	0.00									1	0	0.00	
		Drinking Water	50.	1	0	0.00									1	0	0.00	
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER	Drinking Water	2.	1	0	0.00									1	0	0.00	
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	3.9	1	0	0.00									1	0	0.00	
		Drinking Water	5.	1	0	0.00									1	0	0.00	
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WAT	Drinking Water	100.	1	0	0.00									1	0	0.00	
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	18.	1	0	0.00									1	0	0.00	
		Drinking Water	1300.	1	0	0.00									1	0	0.00	
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	82.	1	0	0.00									1	0	0.00	
		Drinking Water	15.	1	1	1.00									1	1	1.00	
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	2.4	1	0	0.00									1	0	0.00	
		Drinking Water	2.	1	0	0.00									1	0	0.00	
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	4.1	1	0	0.00									1	0	0.00	
		Drinking Water	100.	1	0	0.00									1	0	0.00	
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER	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: CANY0058

NPS Station ID: CANY0058
 Location: (D-31-20)16
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 14030005
 Major Basin: COLORADO RIVER
 Minor Basin: UPPER COLORADO RIVER
 RF1 Index: 14030005
 RF3 Index: 14070004002901.17

LAT/LON: 38.077809/-109.726282

Depth of Water: 0
 Elevation: 0

RF1 Mile Point: 0.000
 RF3 Mile Point: 2.36

Agency: 11NPSWRD
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): CANY_ERI_HC1A
 Within Park Boundary: Yes

Date Created: 08/28/99

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.80
 Distance from RF3: 0.11

On/Off RF1:
 On/Off RF3:

Description:
 The station is located on the South Six-shooter Peak Utah 7.5 minute series (topographic) quadrangle. The site is a rise occurring about 1/4 mile downstream of Horse and Three Faces junction in Canyonlands National Park. Flow was collected in a container for timed interval. Vegetation present included Carex and Populus spp. Source Type: Rise. Formation: Alluvium. Position: Stream channel. Substrate: Sand/gravel. The data are from the report "Water Resources Descriptions and Data Base Canyonlands National Park Needles District and Adjacent BLM Lands" prepared by Ecosystems Research Institute (October 1984). For information on Canyonlands National Park; contact the Chief of Resources at Canyonlands National Park; 2282 S. West Resource Blvd.; Moab UT 84532 (Tel. 801-259-7164). Data were processed and uploaded to STORET by Lisa Dummer; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: CANY0058

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/26/84-04/26/84	1	4.9	4.9	4.9	4.9	0.	0.	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	04/26/84-04/26/84	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00094 SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	04/26/84-04/26/84	1	761.	761.	761.	761.	0.	0.	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	04/26/84-04/26/84	1	10.3	10.3	10.3	10.3	0.	0.	**	**	**	**
00406 PH, FIELD, STANDARD UNITS SU	04/26/84-04/26/84	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS	04/26/84-04/26/84	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/26/84-04/26/84	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0058

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	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: CANY0059

NPS Station ID: CANY0059
Location: C17781
Station Type: /TYPA/AMBNT/SPRING
RMI-Indexes:
RMI-Miles:
HUC: 14030005
Major Basin: COLORADO RIVER
Minor Basin: UPPER COLORADO RIVER
RF1 Index: 14030005
RF3 Index: 14070004002901.17
Description:
THE STATION IS LOCATED ON THE SOUTH SIX-SHOOTER PEAK UTAH 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT A SPRING AND IS INSIDE OF THE CANYONLANDS NATIONAL PARK. EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO ONE WITH REAGENT-GRADE NITRIC ACID. 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 STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "LASLID" ENTRY (LOS ALAMOS SCIENTIFIC LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY LISA DUMMER; NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

LAT/LON: 38.078309/-109.723893

Depth of Water: 0
Elevation: 0

RF1 Mile Point: 0.000
RF3 Mile Point: 2.36

Agency: 11NPSWRD
FIPS State/County: 49037 UTAH/SAN JUAN
STORET Station ID(s): CANY_NURE_09 /1041274
Within Park Boundary: Yes

Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.80
Distance from RF3: 0.11

Date Created: 01/30/99

On/Off RF1:
On/Off RF3:

Parameter Inventory for Station: CANY0059

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/18/78-08/18/78	1	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/18/78-08/18/78	1	820.	820.	820.	820.	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	08/18/78-08/18/78	1	8.6	8.6	8.6	8.6	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	08/18/78-08/18/78	1	8.6	8.6	8.6	8.6	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/18/78-08/18/78	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS CA)	08/18/78-08/18/78	1	54.6	54.6	54.6	54.6	0.	0.	**	**	**	**
01030 CHROMIUM, DISSOLVED (UG/L AS CR)	08/18/78-08/18/78	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01035 COBALT, DISSOLVED (UG/L AS CO)	08/18/78-08/18/78	1	106.	106.	106.	106.	0.	0.	**	**	**	**
01040 COPPER, DISSOLVED (UG/L AS CU)	08/18/78-08/18/78	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01046 IRON, DISSOLVED (UG/L AS FE)	08/18/78-08/18/78	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

EPA Water Quality Criteria Analysis for Station: CANY0059

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
							Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	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									
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									

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

Station Inventory for Station: CANY0060

NPS Station ID: CANY0060 LAT/LON: 38.084476/-109.816476

Location: LOST CANYON CREEK 1 MI E/SE OF DRUID ARCH

Station Type: /TYPA/AMBNT/STREAM

RMI-Indexes:

RMI-Miles:

HUC: 14070001

Major Basin: COLORADO RIVER

Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER

RF1 Index: 14070001

RF3 Index: 14070004002901.17

Description:

THE STATION IS LOCATED ON THE DRUID ARCH UTAH 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. LOST CANYON IS A PERENNIAL STREAM AND IS LOCATED INSIDE THE CANYONLANDS NATIONAL PARK BOUNDARY. THE SAMPLES WERE COLLECTED AND ANALYZED BY NATIONAL PARK SERVICE PERSONNEL. THE MONITORING BEGAN IN RESPONSE TO A PROPOSED SITING OF A NUCLEAR WASTE REPOSITORY NEAR THE PARK AS STATED BY B. LONG AND R. SMITH IN THE REPORT "WATER QUALITY DATA ANALYSIS AND INTERPRETATION FOR SPRING MONITORING SITES SOUTHEAST UTAH GROUP" (AUGUST 1996). THE INITIAL MONITORING OBJECTIVES WERE TO ESTABLISH A BASELINE DATABASE; DETECT POTENTIAL CHANGES; AND IDENTIFY AREAS OF CONCERN. THE UTAH DEPARTMENT OF ENVIRONMENTAL QUALITY ANALYZED THE SAMPLES IN A COOPERATIVE EFFORT WITH THE PARK SERVICE BEGINNING 9/23/1990. THESE DATA CAN BE FOUND UNDER THE STATION 599501. DATA WERE PROCESSED AND UPLOADED TO STORET BY LISA DUMMER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Agency: 11NPSWRD

FIPS State/County: 49037 UTAH/SAN JUAN

STORET Station ID(s): CANY_NPS_599501/LO2 /599501

Within Park Boundary: Yes

Date Created: 05/22/99

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 0.80

Distance from RF3: 0.11

On/Off RF1:

On/Off RF3:

Parameter Inventory for Station: CANY0060

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/13/85-05/17/90	11	15.8	14.836	20.4	2.1	24.625	4.962	4.04	13.4	18.8	20.12
00090 OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	05/17/90-05/17/90	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00094 SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	02/13/85-05/17/90	11	618.	625.636	703.	570.	1793.255	42.347	573.6	588.	636.	702.
00300 OXYGEN, DISSOLVED MG/L	02/13/85-05/17/90	9	6.3	7.011	13.6	3.3	8.319	2.884	3.3	5.5	7.95	13.6
00400 PH (STANDARD UNITS)	02/13/85-05/17/90	11	6.2	6.055	7.65	2.75	1.932	1.39	3.18	5.5	6.95	7.624
00400 CONVERTED PH (STANDARD UNITS)	02/13/85-05/17/90	11	6.2	3.786	7.65	2.75	7.591	2.755	3.18	5.5	6.95	7.624
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/13/85-05/17/90	11	0.631	163.539	1778.279	0.022	286826.128	535.562	0.024	0.112	3.162	1425.141
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	02/13/85-05/17/90	11	360.	325.364	410.	17.	11979.255	109.45	69.6	308.	376.	410.
00480 SALINITY - PARTS PER THOUSAND	05/17/90-05/17/90	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	02/13/85-05/17/90	9 ##	0.05	0.067	0.2	0.05	0.003	0.05	0.05	0.05	0.05	0.2
00655 PHOSPHATE, POLY (MG/L AS PO4)	02/13/85-05/17/90	10	1.35	2.635	7.4	0.05	7.276	2.697	0.095	0.875	5.375	7.34
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	02/13/85-05/17/90	10	333.5	339.4	393.	308.	649.822	25.492	309.2	320.	359.25	389.7
00940 CHLORIDE, TOTAL IN WATER MG/L	06/09/87-05/17/90	7	68.	87.571	144.	45.	1585.952	39.824	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	02/13/85-05/17/90	10	12.	17.55	51.	2.5	204.581	14.303	3.25	10.	24.	49.2
01042 COPPER, TOTAL (UG/L AS CU)	02/13/85-05/17/90	10 ##	50.	82.	180.	50.	3017.778	54.934	50.	50.	127.5	180.
01045 IRON, TOTAL (UG/L AS FE)	02/13/85-05/17/90	9 ##	50.	198.889	1000.	50.	94686.111	307.711	50.	50.	195.	1000.
01055 MANGANESE, TOTAL (UG/L AS MN)	02/13/85-05/17/90	9 ##	50.	83.333	200.	50.	4375.	66.144	50.	50.	125.	200.
31501 COLIFORM, TOT, MEMBRANE FILTER, IMMED. M-ENDO MED. 35C	02/13/85-05/17/90	10 ##	0.	48.5	400.	0.	15455.833	124.321	0.	0.	28.75	364.
31501 LOG COLIFORM, TOT, MEMBRANE FILTER, IMMED. M-ENDO MED,	02/13/85-05/17/90	10 ##	0.	0.69	2.602	0.	0.913	0.956	0.	0.	1.449	2.502

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

Parameter Inventory for Station: CANY0060

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501 GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4.901								
31616 FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/09/87-05/17/90	7 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
31616 LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/09/87-05/17/90	7 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
31616 GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.								

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

EPA Water Quality Criteria Analysis for Station: CANY0060

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	9	1	0.11	3	1	0.33	1	0	0.00	4	0	0.00	1	0	0.00
00400 PH	Fresh Chronic	9.	11	0	0.00	4	0	0.00	1	0	0.00	5	0	0.00	1	0	0.00
	Other-Lo Lim.	6.5	11	6	0.55	4	1	0.25	1	1	1.00	5	4	0.80	1	0	0.00
00620 NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	9	0	0.00	4	0	0.00	1	0	0.00	4	0	0.00			
00940 CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	7	0	0.00	3	0	0.00				3	0	0.00	1	0	0.00
	Drinking Water	250.	7	0	0.00	3	0	0.00				3	0	0.00	1	0	0.00
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	250.	10	0	0.00	4	0	0.00	1	0	0.00	5	0	0.00			
01042 COPPER, TOTAL	Fresh Acute	18.	3 &	3	1.00	1	1	1.00				2	2	1.00			
	Drinking Water	1300.	10	0	0.00	4	0	0.00	1	0	0.00	5	0	0.00			
31501 COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	10	0	0.00	4	0	0.00	1	0	0.00	4	0	0.00	1	0	0.00
31616 FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	7	0	0.00	3	0	0.00				3	0	0.00	1	0	0.00

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

Station Inventory for Station: CANY0061

NPS Station ID: CANY0061 LAT/LON: 38.084333/-109.816667

Location: LOST CANYON CREEK, 1MI E/SE OF DRUID ARCH LO-2

Station Type: /TYPA/AMBNT/STREAM

RMI-Indexes:

RMI-Miles:

HUC: 14030005

Major Basin:

Minor Basin:

RF1 Index:

RF3 Index: 14030005058424.89

Description:

WATER QUALITY STATION IS LOCATED IN CANYONLANDS NP. THIS PARK

WATER SAMPLES COLLECTED BY CANYONLANDS NATIONAL PARK NATURAL

435-259-3911); ANALYZED BY THE UTAH DEPARTMENT OF HEALTH

ENV QUALITY - DIVISION OF WATER QUALITY. DATA COLLECTED AT THE

CANY_NPS_599501.

Depth of Water: 0

Elevation: 0

RF1 Mile Point: 0.000

RF3 Mile Point: 26.52

Agency: 21UTAH

FIPS State/County: 49037 UTAH/SAN JUAN

STORET Station ID(s): 599501

Within Park Boundary: Yes

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 0.00

Distance from RF3: 0.01

Date Created: / /

On/Off RF1:

On/Off RF3:

IS MANAGED BY THE NATIONAL PARK SERVICE'S SOUTHEAST UTAH GROUP.

MANAGEMENT STAFF (125 W. 200 S.; MOAB UT 84532; TELEPHONE:

LABORATORY AND UPLOADED INTO STORET BY THE UTAH DEPARTMENT OF

SAME LOCATION PRIOR TO 9/23/1990 CAN BE FOUND AT STATION

Parameter Inventory for Station: CANY0061

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/23/90-05/17/92	4	16.55	17.175	20.6	15.	6.789	2.606	**	**	**	**
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/23/91-05/17/92	3	27.	25.133	27.4	21.	12.853	3.585	**	**	**	**
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/23/90-05/17/92	4	3.45	4.55	9.	2.3	9.23	3.038	**	**	**	**
00094 SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/23/90-05/17/92	4	583.5	460.5	619.	56.	73088.333	270.349	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/23/90-05/17/92	4	581.	575.25	594.	545.	450.25	21.219	**	**	**	**
00191 HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	09/23/90-05/17/92	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	09/23/90-05/17/92	4	6.2	5.675	7.	3.3	2.656	1.63	**	**	**	**
00400 PH (STANDARD UNITS)	09/23/90-05/17/92	4	7.8	7.85	8.	7.8	0.01	0.1	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	09/23/90-05/17/92	4	7.8	7.842	8.	7.8	0.01	0.1	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/23/90-05/17/92	4	0.016	0.014	0.016	0.01	0.	0.003	**	**	**	**
00405 CARBON DIOXIDE (MG/L AS CO2)	09/23/90-05/17/92	4	8.	7.5	9.	5.	3.	1.732	**	**	**	**
00406 PH, FIELD, STANDARD UNITS SU	09/23/90-05/17/92	4	7.3	7.225	7.5	6.8	0.096	0.31	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS	09/23/90-05/17/92	4	7.289	7.135	7.5	6.8	0.107	0.326	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/23/90-05/17/92	4	0.051	0.073	0.158	0.032	0.003	0.058	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	09/23/90-05/17/92	4	291.5	295.	321.	276.	374.	19.339	**	**	**	**
00440 BICARBONATE ION (MG/L AS HCO3)	09/23/90-05/17/92	4	355.5	360.	392.	337.	559.333	23.65	**	**	**	**
00445 CARBONATE ION (MG/L AS CO3)	09/23/90-05/17/92	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/23/91-05/17/92	3	11.	22.	49.	6.	553.	23.516	**	**	**	**
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/23/90-05/17/92	4 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00613 NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/23/90-09/23/90	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00618 NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/23/90-09/23/90	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/23/90-05/17/92	4	0.175	0.17	0.2	0.13	0.001	0.036	**	**	**	**
00631 NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/23/91-05/17/92	3	0.014	0.013	0.021	0.005	0.	0.008	**	**	**	**
00665 PHOSPHORUS, TOTAL (MG/L AS P)	09/23/90-05/17/92	4 ##	0.005	0.006	0.01	0.005	0.	0.003	**	**	**	**
00666 PHOSPHORUS, DISSOLVED (MG/L AS P)	09/23/90-05/17/92	4 ##	0.008	0.012	0.025	0.005	0.	0.009	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	09/23/90-05/17/92	4	267.85	257.825	283.1	212.5	964.863	31.062	**	**	**	**

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

Parameter Inventory for Station: CANY0061

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/23/90-05/17/92	4	62.	56.75	64.	39.	141.583	11.899	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/23/90-05/17/92	4	28.	28.25	30.	27.	1.583	1.258	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/23/90-05/17/92	4	16.	16.	16.	16.	0.	0.	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/23/90-05/17/92	4	2.65	2.6	3.	2.1	0.22	0.469	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/23/91-05/17/92	3	9.2	9.667	10.8	9.	0.973	0.987	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	09/23/90-05/17/92	4	15.236	14.868	18.	11.	9.776	3.127	**	**	**
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	09/23/90-05/17/92	4 ##	2.5	2.	2.5	0.5	1.	1.	**	**	**
61027	ANIONS, SUM, TOTAL IN WATER MG/L	08/27/91-05/17/92	2	203.5	203.5	215.	192.	264.5	16.263	**	**	**
61944	CATIONS, SUM, TOTAL IN WATER, MG/L	08/27/91-05/17/92	2	96.5	96.5	108.	85.	264.5	16.263	**	**	**
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	09/23/90-05/17/92	4	351.	353.5	380.	332.	409.	20.224	**	**	**
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/23/90-05/17/92	4 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	09/23/90-05/17/92	4	0.235	0.235	0.24	0.23	0.	0.006	**	**	**
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/23/90-05/17/92	4 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/23/90-05/17/92	4 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/23/90-05/17/92	4 ##	10.	10.	10.	10.	0.	0.	**	**	**
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	09/23/90-05/17/92	4	0.335	0.4	0.71	0.22	0.046	0.216	**	**	**
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/23/90-05/17/92	4 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/23/90-05/17/92	4	39.5	47.5	93.	18.	1036.333	32.192	**	**	**
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/23/90-05/17/92	4 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/23/91-05/17/92	3 ##	1.	1.	1.	1.	0.	0.	**	**	**
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/23/90-05/17/92	4 ##	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: CANY0061

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	4	0	0.00	2	0	0.00			2	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	1	0.25	2	1	0.50			2	0	0.00			
00400	PH	Fresh Chronic	9.	4	0	0.00	2	0	0.00			2	0	0.00			
		Other-Lo Lim.	6.5	4	0	0.00	2	0	0.00			2	0	0.00			
00406	PH, FIELD	Fresh Chronic	9.	4	0	0.00	2	0	0.00			2	0	0.00			
		Other-Lo Lim.	6.5	4	0	0.00	2	0	0.00			2	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1	0	0.00	1	0	0.00								
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00	1	0	0.00								
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	3	0	0.00	1	0	0.00			2	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	3	0	0.00	1	0	0.00			2	0	0.00			
		Drinking Water	250.	3	0	0.00	1	0	0.00			2	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	4	0	0.00	2	0	0.00			2	0	0.00			
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE	Fresh Acute	20.	4	0	0.00	2	0	0.00			2	0	0.00			
		Drinking Water	50.	4	0	0.00	2	0	0.00			2	0	0.00			
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	360.	4	0	0.00	2	0	0.00			2	0	0.00			
		Drinking Water	50.	4	0	0.00	2	0	0.00			2	0	0.00			
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER	Drinking Water	2.	4	0	0.00	2	0	0.00			2	0	0.00			
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	3.9	4	0	0.00	2	0	0.00			2	0	0.00			
		Drinking Water	5.	4	0	0.00	2	0	0.00			2	0	0.00			
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WAT	Drinking Water	100.	4	0	0.00	2	0	0.00			2	0	0.00			
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	18.	4	0	0.00	2	0	0.00			2	0	0.00			
		Drinking Water	1300.	4	0	0.00	2	0	0.00			2	0	0.00			
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	82.	4	0	0.00	2	0	0.00			2	0	0.00			
		Drinking Water	15.	4	0	0.00	2	0	0.00			2	0	0.00			
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	2.4	4	0	0.00	2	0	0.00			2	0	0.00			
		Drinking Water	2.	4	0	0.00	2	0	0.00			2	0	0.00			
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	4.1	3	0	0.00	1	0	0.00			2	0	0.00			
		Drinking Water	100.	3	0	0.00	1	0	0.00			2	0	0.00			
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	120.	4	0	0.00	2	0	0.00			2	0	0.00			
		Drinking Water	5000.	4	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: CANY0062

NPS Station ID: CANY0062 Location: LOST CANYON SPRING Station Type: /TYPA/AMBNT/SPRING RMI-Indexes: RMI-Miles: HUC: 14070001 Major Basin: COLORADO RIVER Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER RF1 Index: 14070001 RF3 Index: 14070004002901.17 Description: THE STATION IS LOCATED ON THE DRUID ARCH UT 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT LOST CANYON SPRING INSIDE THE CANYONLANDS NATIONAL PARK. THE DATA ARE FROM THE REPORT "ARCHES AND CANYONLANDS NATIONAL PARK AQUATIC STUDY" BY J. CONNOR (NPS) AND W.G. KEPNER (BLM) (1983). THE PURPOSE OF THE STUDY WAS TO MONITOR THE IMPACTS BY VISITORS IN THE BACKCOUNTRY TO WATER SOURCES IN THE PARKS. THE STUDY WAS A JOINT EFFORT BETWEEN THE NATIONAL PARK SERVICE AND THE BUREAU OF LAND MANAGEMENT. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT ARCHES NATIONAL PARK; P.O. BOX 907; MOAB UT 84532 (TEL. 801-259-8161). DATA WERE PROCESSED AND UPLOADED TO STORET BY LISA DUMMER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION;	LAT/LON: 38.084476/-109.816476 Depth of Water: 0 Elevation: 5120 RF1 Mile Point: 0.000 RF3 Mile Point: 2.36	Agency: 11NPSWRD FIPS State/County: 49037 UTAH/SAN JUAN STORET Station ID(s): CANY_BLM_LCSP Within Park Boundary: Yes Aquifer: Water Body Id: ECO Region: Distance from RF1: 0.80 Distance from RF3: 0.11

Date Created: 08/07/99

On/Off RF1:
On/Off RF3:

Parameter Inventory for Station: CANY0062

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/24/83-08/24/83	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00059 FLOW, RATE, INSTANTANEOUS GALLONS/MIN	08/24/83-08/24/83	1	1.75	1.75	1.75	1.75	0.	0.	**	**	**	**
00094 SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	08/24/83-08/24/83	1	722.	722.	722.	722.	0.	0.	**	**	**	**
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/24/83-08/24/83	1	9.4	9.4	9.4	9.4	0.	0.	**	**	**	**
00406 PH, FIELD, STANDARD UNITS SU	08/24/83-08/24/83	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS	08/24/83-08/24/83	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/24/83-08/24/83	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	08/24/83-08/24/83	1	220.	220.	220.	220.	0.	0.	**	**	**	**
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	08/24/83-08/24/83	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	08/24/83-08/24/83	1	390.	390.	390.	390.	0.	0.	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	08/24/83-08/24/83	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

EPA Water Quality Criteria Analysis for Station: CANY0062

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00	1	0	0.00	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

EPA Water Quality Criteria Analysis for Station: CANY0062

Parameter	Std. Type	Std. Value	Total		Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
			Obs				Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00620	NITRATE NITROGEN, TOTAL AS N	10.	1		0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	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: CANY0063

NPS Station ID: CANY0063
 Location: SALT CREEK NR PEEKABOO SPRING SC-12
 Station Type: /TYP/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 14030005
 Major Basin:
 Minor Basin:
 RF1 Index:
 RF3 Index: 14070004002901.17

LAT/LON: 38.085167/-109.766333

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 2.36

Agency: 21UTAH
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): 599516
 Within Park Boundary: Yes

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.80
 Distance from RF3: 0.11

On/Off RF1:
 On/Off RF3:

Description:
 WATER QUALITY STATION IS LOCATED IN CANYONLANDS NP. THIS PARK
 WATER SAMPLES WERE COLLECTED BY CANYONLANDS NATIONAL PARK
 435-259-3911); ANALYZED BY THE UTAH DEPARTMENT OF HEALTH
 ENVIRONMENTAL QUALITY - DIVISION OF WATER QUALITY.

IS MANAGED BY THE NATIONAL PARK SERVICE'S SOUTHEAST UTAH GROUP.
 NATURAL RESOURCE MANAGEMENT STAFF (125 W. 200 S.; MOAB UT 84532;
 LABORATORY AND UPLOADED INTO STORET BY THE UTAH DEPARTMENT OF

Parameter Inventory for Station: CANY0063

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/14/95-09/09/99	9	21.9	16.992	30.9	0.2	121.503	11.023	0.2	6.965	26.1	30.9
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/14/95-09/09/99	10	22.5	20.	34.	0.	163.111	12.771	0.5	8.	32.	33.8
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/14/95-09/09/99	10	6.625	87.111	379.	0.839	15891.681	126.062	0.869	2.415	171.25	358.6
00094 SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/14/95-09/09/99	9	793.	797.889	916.	728.	3270.861	57.191	728.	756.	829.	916.
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/14/95-09/09/99	10	770.5	769.4	838.	724.	1021.822	31.966	725.3	744.5	784.75	832.9
00191 HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	06/14/95-09/09/99	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00300 OXYGEN, DISSOLVED MG/L	06/14/95-09/09/99	8	8.45	8.253	14.2	2.22	11.685	3.418	**	**	**	**
00400 PH (STANDARD UNITS)	06/14/95-09/09/99	10	8.37	8.381	8.6	8.27	0.009	0.094	8.273	8.308	8.42	8.585
00400 CONVERTED PH (STANDARD UNITS)	06/14/95-09/09/99	10	8.37	8.373	8.6	8.27	0.009	0.095	8.273	8.308	8.42	8.585
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/14/95-09/09/99	10	0.004	0.004	0.005	0.003	0.	0.001	0.003	0.004	0.005	0.005
00405 CARBON DIOXIDE (MG/L AS CO2)	06/14/95-09/09/99	10	3.	2.8	4.	2.	0.4	0.632	2.	2.	3.	3.9
00406 PH, FIELD, STANDARD UNITS SU	06/14/95-09/09/99	9	8.	7.914	8.4	7.1	0.145	0.381	7.1	7.715	8.15	8.4
00406 CONVERTED PH, FIELD, STANDARD UNITS	06/14/95-09/09/99	9	8.	7.729	8.4	7.1	0.184	0.429	7.1	7.715	8.15	8.4
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/14/95-09/09/99	9	0.01	0.019	0.079	0.004	0.001	0.024	0.004	0.007	0.02	0.079
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	06/14/95-09/09/99	10	342.	348.8	408.	315.	946.4	30.764	315.8	323.	368.25	405.9
00440 BICARBONATE ION (MG/L AS HCO3)	06/14/95-09/09/99	10	417.	425.4	498.	384.	1420.489	37.689	385.	394.	449.5	495.4
00445 CARBONATE ION (MG/L AS CO3)	06/14/95-09/09/99	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/14/95-09/09/99	10	63.2	215.35	926.	4.8	92008.496	303.329	4.8	6.9	422.25	880.5
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/14/95-05/10/99	9 ##	0.025	0.05	0.15	0.025	0.002	0.043	0.025	0.025	0.073	0.15
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/14/95-04/28/97	3	0.4	0.527	0.93	0.25	0.128	0.357	**	**	**	**
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/09/99-09/09/99	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00631 NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/14/95-05/10/99	9 ##	0.02	0.071	0.42	0.01	0.017	0.132	0.01	0.01	0.05	0.42
00665 PHOSPHORUS, TOTAL (MG/L AS P)	06/14/95-09/09/99	8 ##	0.01	0.05	0.22	0.01	0.006	0.075	**	**	**	**
00666 PHOSPHORUS, DISSOLVED (MG/L AS P)	06/14/95-05/10/99	8 ##	0.01	0.02	0.102	0.005	0.001	0.033	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	06/14/95-09/09/99	10	354.05	347.94	398.8	279.9	1721.963	41.497	280.	316.75	381.6	398.28
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	06/14/95-09/09/99	10	49.05	46.12	63.1	19.9	221.335	14.877	19.91	39.5	56.325	62.88
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	06/14/95-09/09/99	10	56.1	56.6	61.2	52.	6.749	2.598	52.25	55.475	58.05	61.08
00930 SODIUM, DISSOLVED (MG/L AS NA)	06/14/95-09/09/99	10	38.25	39.17	43.3	36.	6.42	2.534	36.12	37.425	42.15	43.23
00935 POTASSIUM, DISSOLVED (MG/L AS K)	06/14/95-09/09/99	10	4.46	4.519	5.55	3.49	0.596	0.772	3.511	3.783	5.338	5.54

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

Parameter Inventory for Station: CANY0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/14/95-09/09/99	10	27.25	27.12	31.	23.	5.566	2.359	23.2	25.375	29.125	30.85
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/14/95-09/09/99	10	51.	57.821	130.6	34.9	729.798	27.015	35.51	45.425	57.703	124.271
01000	ARSENIC, DISSOLVED (UG/L AS AS)	04/28/97-09/09/99	8 ##	2.5	2.875	5.5	2.5	1.125	1.061	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	04/28/97-09/09/99	8	135.	152.5	290.	110.	3307.143	57.508	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	04/28/97-09/09/99	8 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	04/28/97-09/09/99	8 ##	4.85	7.15	19.	2.5	35.694	5.974	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	04/28/97-09/09/99	8 ##	6.	6.	6.	6.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	04/28/97-09/09/99	8	23.45	23.6	49.7	10.	197.286	14.046	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	04/28/97-09/09/99	8 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/28/97-09/09/99	8	20.	17.713	36.	2.5	159.561	12.632	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	04/28/97-09/09/99	8 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	04/28/97-09/09/99	8 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	04/28/97-09/09/99	8 ##	25.	33.875	71.	15.	500.411	22.37	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	04/28/97-09/09/99	8 ##	0.5	0.638	1.1	0.5	0.066	0.256	**	**	**	**
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	06/14/95-06/14/95	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
61027	ANIONS, SUM, TOTAL IN WATER MG/L	06/14/95-09/09/99	10	285.	294.3	374.	267.	998.456	31.598	267.5	272.75	306.	368.1
61944	CATIONS, SUM, TOTAL IN WATER, MG/L	06/14/95-09/09/99	10	148.	146.5	169.	124.	214.278	14.638	124.	135.25	155.5	168.4
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/14/95-09/09/99	10	434.	439.4	482.	416.	475.6	21.808	416.2	419.5	459.	480.
71890	MERCURY, DISSOLVED (UG/L AS HG)	04/28/97-09/09/99	8 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82701	ALUMINUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/14/95-06/14/95	1	32.	32.	32.	32.	0.	0.	**	**	**	**
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/14/95-06/14/95	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	06/14/95-06/14/95	1	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/14/95-06/14/95	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/14/95-06/14/95	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/14/95-06/14/95	1 ##	6.	6.	6.	6.	0.	0.	**	**	**	**
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	06/14/95-06/14/95	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/14/95-06/14/95	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/14/95-06/14/95	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/14/95-06/14/95	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/14/95-06/14/95	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/14/95-06/14/95	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: CANY0063

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	10	4	0.40	4	3	0.75	2	0	0.00	3	0	0.00	1	1	1.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	8	1	0.13	2	0	0.00	2	0	0.00	3	1	0.33	1	0	0.00
00400	PH	Fresh Chronic	9.	10	0	0.00	4	0	0.00	2	0	0.00	3	0	0.00	1	0	0.00
		Other-Lo Lim.	6.5	10	0	0.00	4	0	0.00	2	0	0.00	3	0	0.00	1	0	0.00
		Fresh Chronic	9.	9	0	0.00	3	0	0.00	2	0	0.00	3	0	0.00	1	0	0.00
		Other-Lo Lim.	6.5	9	0	0.00	3	0	0.00	2	0	0.00	3	0	0.00	1	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	9	0	0.00	3	0	0.00	2	0	0.00	3	0	0.00	1	0	0.00
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	10	0	0.00	4	0	0.00	2	0	0.00	3	0	0.00	1	0	0.00
		Drinking Water	250.	10	0	0.00	4	0	0.00	2	0	0.00	3	0	0.00	1	0	0.00
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	10	0	0.00	4	0	0.00	2	0	0.00	3	0	0.00	1	0	0.00
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	8	0	0.00	3	0	0.00	2	0	0.00	3	0	0.00			
		Drinking Water	50.	8	0	0.00	3	0	0.00	2	0	0.00	3	0	0.00			
01005	BARIUM, DISSOLVED	Drinking Water	2000.	8	0	0.00	3	0	0.00	2	0	0.00	3	0	0.00			
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	8	0	0.00	3	0	0.00	2	0	0.00	3	0	0.00			
		Drinking Water	5.	8	0	0.00	3	0	0.00	2	0	0.00	3	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	8	0	0.00	3	0	0.00	2	0	0.00	3	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	8	0	0.00	3	0	0.00	2	0	0.00	3	0	0.00			
		Drinking Water	1300.	8	0	0.00	3	0	0.00	2	0	0.00	3	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	8	0	0.00	3	0	0.00	2	0	0.00	3	0	0.00			
		Drinking Water	15.	8	0	0.00	3	0	0.00	2	0	0.00	3	0	0.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	8	0	0.00	3	0	0.00	2	0	0.00	3	0	0.00			
		Drinking Water	100.	8	0	0.00	3	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

EPA Water Quality Criteria Analysis for Station: CANY0063

Parameter	Std. Type	Std. Value	Total			7/15-10/14			10/15-3/31			4/01-5/31			6/01-7/14		
			Obs	Exceed Standard	Prop. Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
01090 ZINC, DISSOLVED	Fresh Acute	120.	8	0	0.00	3	0	0.00	2	0	0.00	3	0	0.00			
	Drinking Water	5000.	8	0	0.00	3	0	0.00	2	0	0.00	3	0	0.00			
01145 SELENIUM, DISSOLVED	Fresh Acute	20.	8	0	0.00	3	0	0.00	2	0	0.00	3	0	0.00			
	Drinking Water	50.	8	0	0.00	3	0	0.00	2	0	0.00	3	0	0.00			
01167 SELENIUM, ACID SOLUBLE, WATER, WHOLE	Fresh Acute	20.	1	0	0.00										1	0	0.00
	Drinking Water	50.	1	0	0.00										1	0	0.00
71890 MERCURY, DISSOLVED	Fresh Acute	2.4	8	0	0.00	3	0	0.00	2	0	0.00	3	0	0.00			
	Drinking Water	2.	8	0	0.00	3	0	0.00	2	0	0.00	3	0	0.00			
82702 ARSENIC, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	360.	1	0	0.00										1	0	0.00
	Drinking Water	50.	1	0	0.00										1	0	0.00
82703 BARIUM, FIELD ACIDIFIED, DECANTED, WATER	Drinking Water	2.	1	0	0.00										1	0	0.00
82705 CADMIUM, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	3.9	1	0	0.00										1	0	0.00
	Drinking Water	5.	1	0	0.00										1	0	0.00
82706 CHROMIUM, FIELD ACIDIFIED, DECANTED, WAT	Drinking Water	100.	1	0	0.00										1	0	0.00
82708 COPPER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	18.	1	0	0.00										1	0	0.00
	Drinking Water	1300.	1	0	0.00										1	0	0.00
82711 LEAD, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	82.	1	0	0.00										1	0	0.00
	Drinking Water	15.	1	0	0.00										1	0	0.00
82713 MERCURY, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	2.4	1	0	0.00										1	0	0.00
	Drinking Water	2.	1	0	0.00										1	0	0.00
82716 SILVER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	4.1	1	0	0.00										1	0	0.00
	Drinking Water	100.	1	0	0.00										1	0	0.00
82719 ZINC, FIELD ACIDIFIED, DECANTED, WATER	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: CANY0064

NPS Station ID: CANY0064
 Location: SALT CK NR CRESCENT ARCH SC-10
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 14030005
 Major Basin:
 Minor Basin:
 RF1 Index:
 RF3 Index: 14070004002901.17

LAT/LON: 38.085167/-109.766333

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 2.36

Agency: 21UTAH
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): 599515
 Within Park Boundary: Yes

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.80
 Distance from RF3: 0.11

On/Off RF1:
 On/Off RF3:

Description:
 WATER QUALITY STATION IS LOCATED IN CANYONLANDS NP. THIS PARK
 WATER SAMPLES WERE COLLECTED BY CANYONLANDS NATIONAL PARK
 435-259-3911); ANALYZED BY THE UTAH DEPARTMENT OF HEALTH
 ENVIRONMENTAL QUALITY - DIVISION OF WATER QUALITY.

IS MANAGED BY THE NATIONAL PARK SERVICE'S SOUTHEAST UTAH GROUP.
 NATURAL RESOURCE MANAGEMENT STAFF (125 W. 200 S.; MOAB UT 84532;
 LABORATORY AND UPLOADED INTO STORET BY THE UTAH DEPARTMENT OF

Parameter Inventory for Station: CANY0064

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/14/95-09/09/99	9	19.3	16.297	29.8	2.6	71.342	8.446	2.6	8.275	20.86	29.8
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/14/95-09/09/99	9	24.2	21.689	38.5	2.	151.434	12.306	2.	10.	31.75	38.5
00058 FLOW, RATE GALLONS/MIN	05/16/98-09/09/99	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/14/95-09/09/99	9	4.96	10.639	31.	0.798	100.443	10.022	0.798	3.135	17.55	31.
00094 SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/14/95-09/09/99	9	865.	866.333	1006.	771.	7528.5	86.767	771.	781.	945.	1006.
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/14/95-09/09/99	9	820.	847.444	993.	789.	5277.778	72.648	789.	800.5	892.5	993.
00191 HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	06/14/95-09/09/99	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00300 OXYGEN, DISSOLVED MG/L	06/14/95-09/09/99	9	5.7	6.569	14.9	2.34	12.912	3.593	2.34	4.34	7.65	14.9
00400 PH (STANDARD UNITS)	06/14/95-09/09/99	9	8.22	8.262	8.55	7.98	0.039	0.196	7.98	8.115	8.45	8.55
00400 CONVERTED PH (STANDARD UNITS)	06/14/95-09/09/99	9	8.22	8.224	8.55	7.98	0.04	0.201	7.98	8.115	8.45	8.55
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/14/95-09/09/99	9	0.006	0.006	0.01	0.003	0.	0.003	0.003	0.004	0.008	0.01
00405 CARBON DIOXIDE (MG/L AS CO2)	06/14/95-09/09/99	9	4.	4.778	8.	2.	6.194	2.489	2.	2.5	7.5	8.
00406 PH, FIELD, STANDARD UNITS SU	06/14/95-09/09/99	9	7.6	7.652	8.2	7.2	0.167	0.408	7.2	7.25	8.09	8.2
00406 CONVERTED PH, FIELD, STANDARD UNITS	06/14/95-09/09/99	9	7.6	7.505	8.2	7.2	0.191	0.437	7.2	7.25	8.09	8.2
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/14/95-09/09/99	9	0.025	0.031	0.063	0.006	0.001	0.024	0.006	0.008	0.057	0.063
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	06/14/95-09/09/99	9	385.	400.444	502.	356.	2555.778	50.555	356.	360.	436.	502.
00440 BICARBONATE ION (MG/L AS HCO3)	06/14/95-09/09/99	9	470.	488.444	612.	434.	3796.778	61.618	434.	439.	532.	612.
00445 CARBONATE ION (MG/L AS CO3)	06/14/95-09/09/99	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/14/95-09/09/99	9	30.8	29.289	92.	4.	750.471	27.395	4.	5.4	37.4	92.
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/14/95-05/10/99	8 ##	0.025	0.042	0.134	0.025	0.001	0.038	**	**	**	**
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/14/95-04/28/97	2 ##	0.365	0.365	0.48	0.25	0.026	0.163	**	**	**	**
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/09/99-09/09/99	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00631 NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/14/95-05/10/99	8	0.05	0.102	0.353	0.02	0.016	0.125	**	**	**	**
00665 PHOSPHORUS, TOTAL (MG/L AS P)	06/14/95-09/09/99	7 ##	0.01	0.02	0.049	0.01	0.	0.015	**	**	**	**
00666 PHOSPHORUS, DISSOLVED (MG/L AS P)	06/14/95-05/10/99	7 ##	0.01	0.021	0.081	0.005	0.001	0.027	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	06/14/95-09/09/99	9	386.2	385.111	415.2	350.6	435.744	20.874	350.6	368.35	402.95	415.2
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	06/14/95-09/09/99	9	49.4	49.378	61.7	29.7	96.447	9.821	29.7	43.35	57.7	61.7
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	06/14/95-09/09/99	9	61.6	63.656	73.2	57.6	34.565	5.879	57.6	58.75	69.6	73.2
00930 SODIUM, DISSOLVED (MG/L AS Na)	06/14/95-09/09/99	9	39.3	41.544	50.3	35.9	25.448	5.045	35.9	37.5	46.1	50.3

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

Parameter Inventory for Station: CANY0064

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/14/95-09/09/99	9	4.18	4.326	5.36	3.5	0.491	0.701	3.5	3.665	5.055	5.36
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/14/95-09/09/99	9	29.5	30.856	38.5	27.5	12.138	3.484	27.5	28.35	33.	38.5
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/14/95-09/09/99	9	41.9	48.028	104.2	13.1	783.268	27.987	13.1	24.9	66.725	104.2
01000	ARSENIC, DISSOLVED (UG/L AS AS)	04/28/97-09/09/99	8 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	04/28/97-09/09/99	8	165.	172.5	220.	140.	850.	29.155	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	04/28/97-09/09/99	8 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	04/28/97-09/09/99	8	8.05	9.9	24.	2.5	77.611	8.81	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	04/28/97-09/09/99	8 ##	6.	7.625	19.	6.	21.125	4.596	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	04/28/97-09/09/99	8	36.	137.438	889.	10.	92476.148	304.099	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	04/28/97-09/09/99	8 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/28/97-09/09/99	8	35.5	52.6	130.	6.8	2052.594	45.306	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	04/28/97-09/09/99	8 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	04/28/97-09/09/99	8 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	04/28/97-09/09/99	8 ##	15.	24.25	66.	15.	349.357	18.691	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	04/28/97-09/09/99	8 ##	0.8	0.838	1.3	0.5	0.134	0.366	**	**	**	**
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	06/14/95-06/14/95	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
61027	ANIONS, SUM, TOTAL IN WATER MG/L	06/14/95-09/09/99	9	311.	319.111	360.	284.	621.611	24.932	284.	303.5	343.5	360.
61944	CATIONS, SUM, TOTAL IN WATER, MG/L	06/14/95-09/09/99	9	159.	159.111	175.	150.	61.361	7.833	150.	152.5	163.5	175.
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	06/14/95-09/09/99	9	472.	481.111	554.	440.	1715.111	41.414	440.	449.	512.	554.
71890	MERCURY, DISSOLVED (UG/L AS HG)	04/28/97-09/09/99	8 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82701	ALUMINUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/14/95-06/14/95	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/14/95-06/14/95	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	06/14/95-06/14/95	1	0.16	0.16	0.16	0.16	0.	0.	**	**	**	**
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/14/95-06/14/95	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/14/95-06/14/95	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/14/95-06/14/95	1 ##	6.	6.	6.	6.	0.	0.	**	**	**	**
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	06/14/95-06/14/95	1	0.022	0.022	0.022	0.022	0.	0.	**	**	**	**
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/14/95-06/14/95	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/14/95-06/14/95	1	5.6	5.6	5.6	5.6	0.	0.	**	**	**	**
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/14/95-06/14/95	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/14/95-06/14/95	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/14/95-06/14/95	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: CANY0064

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
							Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	9	0	0.00	3	0	0.00	2	0	0.00	3	0	0.00	1	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	9	1	0.11	3	0	0.00	2	0	0.00	3	1	0.33	1	0	0.00
00400	PH	Fresh Chronic	9.	9	0	0.00	3	0	0.00	2	0	0.00	3	0	0.00	1	0	0.00
00406	PH, FIELD	Other-Lo Lim.	6.5	9	0	0.00	3	0	0.00	2	0	0.00	3	0	0.00	1	0	0.00
		Fresh Chronic	9.	9	0	0.00	3	0	0.00	2	0	0.00	3	0	0.00	1	0	0.00
		Other-Lo Lim.	6.5	9	0	0.00	3	0	0.00	2	0	0.00	3	0	0.00	1	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	8	0	0.00	2	0	0.00	2	0	0.00	3	0	0.00	1	0	0.00
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	9	0	0.00	3	0	0.00	2	0	0.00	3	0	0.00	1	0	0.00
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	9	0	0.00	3	0	0.00	2	0	0.00	3	0	0.00	1	0	0.00
		Drinking Water	250.	9	0	0.00	3	0	0.00	2	0	0.00	3	0	0.00	1	0	0.00
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	8	0	0.00	3	0	0.00	2	0	0.00	3	0	0.00			
		Drinking Water	50.	8	0	0.00	3	0	0.00	2	0	0.00	3	0	0.00			
01005	BARIUM, DISSOLVED	Drinking Water	2000.	8	0	0.00	3	0	0.00	2	0	0.00	3	0	0.00			
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	8	0	0.00	3	0	0.00	2	0	0.00	3	0	0.00			
		Drinking Water	5.	8	0	0.00	3	0	0.00	2	0	0.00	3	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	8	0	0.00	3	0	0.00	2	0	0.00	3	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	8	1	0.13	3	1	0.33	2	0	0.00	3	0	0.00			
		Drinking Water	1300.	8	0	0.00	3	0	0.00	2	0	0.00	3	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	8	0	0.00	3	0	0.00	2	0	0.00	3	0	0.00			
		Drinking Water	15.	8	0	0.00	3	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

EPA Water Quality Criteria Analysis for Station: CANY0064

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
01075 SILVER, DISSOLVED	Fresh Acute	4.1	8	0	0.00	3	0	0.00	2	0	0.00	3	0	0.00			
	Drinking Water	100.	8	0	0.00	3	0	0.00	2	0	0.00	3	0	0.00			
01090 ZINC, DISSOLVED	Fresh Acute	120.	8	0	0.00	3	0	0.00	2	0	0.00	3	0	0.00			
	Drinking Water	5000.	8	0	0.00	3	0	0.00	2	0	0.00	3	0	0.00			
01145 SELENIUM, DISSOLVED	Fresh Acute	20.	8	0	0.00	3	0	0.00	2	0	0.00	3	0	0.00			
	Drinking Water	50.	8	0	0.00	3	0	0.00	2	0	0.00	3	0	0.00			
01167 SELENIUM, ACID SOLUBLE, WATER, WHOLE	Fresh Acute	20.	1	0	0.00										1	0	0.00
	Drinking Water	50.	1	0	0.00										1	0	0.00
71890 MERCURY, DISSOLVED	Fresh Acute	2.4	8	0	0.00	3	0	0.00	2	0	0.00	3	0	0.00			
	Drinking Water	2.	8	0	0.00	3	0	0.00	2	0	0.00	3	0	0.00			
82702 ARSENIC, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	360.	1	0	0.00										1	0	0.00
	Drinking Water	50.	1	0	0.00										1	0	0.00
82703 BARIUM, FIELD ACIDIFIED, DECANTED, WATER	Drinking Water	2.	1	0	0.00										1	0	0.00
82705 CADMIUM, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	3.9	1	0	0.00										1	0	0.00
	Drinking Water	5.	1	0	0.00										1	0	0.00
82706 CHROMIUM, FIELD ACIDIFIED, DECANTED, WAT	Drinking Water	100.	1	0	0.00										1	0	0.00
82708 COPPER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	18.	1	0	0.00										1	0	0.00
	Drinking Water	1300.	1	0	0.00										1	0	0.00
82711 LEAD, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	82.	1	0	0.00										1	0	0.00
	Drinking Water	15.	1	0	0.00										1	0	0.00
82713 MERCURY, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	2.4	1	0	0.00										1	0	0.00
	Drinking Water	2.	1	0	0.00										1	0	0.00
82716 SILVER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	4.1	1	0	0.00										1	0	0.00
	Drinking Water	100.	1	0	0.00										1	0	0.00
82719 ZINC, FIELD ACIDIFIED, DECANTED, WATER	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: CANY0065

NPS Station ID: CANY0065
Location: POTHOLE POINT
Station Type: /TYP/AMBNT/SPRING
RMI-Indexes:

LAT/LON: 38.085281/-109.708338

Agency: 11NPSWRD
FIPS State/County: 49037 UTAH/SAN JUAN
STORET Station ID(s): CANY_BLM_PHPT
Within Park Boundary: Yes

Date Created: 08/07/99

RMI-Miles:
HUC: 14030005
Major Basin: COLORADO RIVER
Minor Basin: UPPER COLORADO RIVER
RF1 Index: 14030005
RF3 Index: 14070004002901.17

Depth of Water: 0
Elevation: 5040

RF1 Mile Point: 0.000
RF3 Mile Point: 2.36

Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.80
Distance from RF3: 0.11

On/Off RF1:
On/Off RF3:

Description:
THE STATION IS LOCATED ON THE SOUTH SIX-SHOOTER PEAK UT 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT POTHOLE POINT INSIDE THE CANYONLANDS NATIONAL PARK. THE DATA ARE FROM THE REPORT "ARCHES AND CANYONLANDS NATIONAL PARK AQUATIC STUDY" BY J. CONNOR (NPS) AND W.G. KEPNER (BLM) (1983). THE PURPOSE OF THE STUDY WAS TO MONITOR THE IMPACTS BY VISITORS IN THE BACKCOUNTRY TO WATER SOURCES IN THE PARKS. THE STUDY WAS A JOINT EFFORT BETWEEN THE NATIONAL PARK SERVICE AND THE BUREAU OF LAND MANAGEMENT. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT CANYONLANDS NATIONAL PARK; 2282 WEST RESOURCE BLVD.; MOAB UT 84532 (TEL. 801-259-7164). DATA WERE PROCESSED AND UPLOADED TO STORET BY LISA DUMMER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DR. SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: CANY0065

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/24/83-08/24/83	1	24.8	24.8	24.8	24.8	0.	0.	**	**	**	**
00094 SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	08/24/83-08/24/83	1	198.	198.	198.	198.	0.	0.	**	**	**	**
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/24/83-08/24/83	1	8.9	8.9	8.9	8.9	0.	0.	**	**	**	**
00406 PH, FIELD, STANDARD UNITS SU	08/24/83-08/24/83	1	8.8	8.8	8.8	8.8	0.	0.	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS	08/24/83-08/24/83	1	8.8	8.8	8.8	8.8	0.	0.	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/24/83-08/24/83	1	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	08/24/83-08/24/83	1	60.	60.	60.	60.	0.	0.	**	**	**	**
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	08/24/83-08/24/83	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00660 PHOSPHATE, ORTHO (MG/L AS PO4)	08/24/83-08/24/83	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	08/24/83-08/24/83	1	100.	100.	100.	100.	0.	0.	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	08/24/83-08/24/83	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: CANY0065

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00	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	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

EPA Water Quality Criteria Analysis for Station: CANY0065

Parameter	Std. Type	Std. Value	Total	Exceed	Prop.	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
			Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00620	NITRATE NITROGEN, TOTAL AS N	10.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	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: CANY0066

NPS Station ID: CANY0066 Location: (D-30-19)23AC POT HOLE POINT Station Type: /TYP A/AMBNT/SPRING RMI-Indexes: RMI-Miles: HUC: 14030005 Major Basin: COLORADO RIVER Minor Basin: UPPER COLORADO RIVER RF1 Index: 14030005 RF3 Index: 14070004002901.17 Description: The station is located on the South Six-shooter Peak Utah 7.5 minute series (topographic) quadrangle. The site is a spring named Pothole Point in Canyonlands National Park. The data are from the report "Water Resources Descriptions and Data Base Canyonlands National Park Needles District and Adjacent BLM Lands" prepared by Ecosystems Research Institute (October 1984). For information on Canyonlands National Park; contact the Chief of Resources at Canyonlands National Park; 2282 S. West Resource Blvd.; Moab UT 84532 (Tel. 801-259-7164). Data were processed and uploaded to STORET by Lisa Dummer; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).	LAT/LON: 38.085281/-109.708338 Depth of Water: 0 Elevation: 0 RF1 Mile Point: 0.000 RF3 Mile Point: 2.36	Agency: 11NPSWRD FIPS State/County: 49037 UTAH/SAN JUAN STORET Station ID(s): CANY_ERI_MS5 Within Park Boundary: Yes Aquifer: Water Body Id: ECO Region: Distance from RF1: 0.80 Distance from RF3: 0.11

Date Created: 08/21/99

On/Off RF1:
On/Off RF3:

Parameter Inventory for Station: CANY0066

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/22/83-08/22/83	1	24.8	24.8	24.8	24.8	0.	0.	**	**	**	**
00094 SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	08/22/83-08/22/83	1	198.	198.	198.	198.	0.	0.	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	08/22/83-08/22/83	1	8.9	8.9	8.9	8.9	0.	0.	**	**	**	**
00406 PH, FIELD, STANDARD UNITS SU	08/22/83-08/22/83	1	8.8	8.8	8.8	8.8	0.	0.	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS	08/22/83-08/22/83	1	8.8	8.8	8.8	8.8	0.	0.	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/22/83-08/22/83	1	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	08/22/83-08/22/83	1	60.	60.	60.	60.	0.	0.	**	**	**	**
00665 PHOSPHORUS, TOTAL (MG/L AS P)	08/22/83-08/22/83	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	08/22/83-08/22/83	1	100.	100.	100.	100.	0.	0.	**	**	**	**
00946 SULFATE, DISSOLVED (MG/L AS SO4)	08/22/83-08/22/83	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: CANY0066

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00	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									
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: CANY0067

NPS Station ID: CANY0067
 Location: DAVIS CANYON RISE
 Station Type: /TYPA/AMBNT/SPRING
 RMI-Indexes:
 RMI-Miles:
 HUC: 14030005
 Major Basin: COLORADO RIVER
 Minor Basin: UPPER COLORADO RIVER
 RF1 Index: 14030005
 RF3 Index: 14070004002901.17

LAT/LON: 38.087337/-109.657337

Depth of Water: 0
 Elevation: 0

RF1 Mile Point: 0.000
 RF3 Mile Point: 2.36

Agency: 11NPSWRD
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): CANY_NPS_40
 Within Park Boundary: No

Date Created: 08/02/99

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.80
 Distance from RF3: 0.11

On/Off RF1:
 On/Off RF3:

Description:
 THE STATION IS LOCATED ON THE SOUTH SIX-SHOOTER PEAK UTAH 7.5 MINUTEM SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT DAVIS CANYON RISE OUTSIDE THE CANYONLANDS NATIONAL PARK. THE DATA ARE FROM THE REPORT "GROUND WATER RESOURCES IN THE PART OF CANYONLANDS NATIONAL PARK EAST OF THE COLORADO RIVER AND CONTIGUOUS BUREAU OF LAND MANAGEMENT LANDS, UTAH" BY H.R. RICHTER, JR. (APRIL 1980). THE PURPOSE OF THE REPORT IS "TO (1) DESCRIBE THE OCCURRENCE AND CIRCULATION OF GROUND WATER AND (2) IDENTIFY POTENTIALLY DEVELOPABLE GROUND WATER SUPPLIES." FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT CANYONLANDS NATIONAL PARK; 2282 S. WEST RESOURCE BLVD.; MOAB UT 84532 (TEL. 801-259-7164). DATA WERE PROCESSED AND UPLOADED TO STORET BY LISA DUMMER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: CANY0067

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/20/78-07/20/78	1	25.6	25.6	25.6	25.6	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/20/78-07/20/78	1	711.	711.	711.	711.	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	07/20/78-07/20/78	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	07/20/78-07/20/78	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/20/78-07/20/78	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
00440 BICARBONATE ION (MG/L AS HCO3)	07/20/78-07/20/78	1	420.	420.	420.	420.	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	07/20/78-07/20/78	1	330.	330.	330.	330.	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	07/20/78-07/20/78	1	60.	60.	60.	60.	0.	0.	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	07/20/78-07/20/78	1	44.	44.	44.	44.	0.	0.	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	07/20/78-07/20/78	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	07/20/78-07/20/78	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	07/20/78-07/20/78	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00946 SULFATE, DISSOLVED (MG/L AS SO4)	07/20/78-07/20/78	1	22.	22.	22.	22.	0.	0.	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	07/20/78-07/20/78	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SiO2)	07/20/78-07/20/78	1	12.	12.	12.	12.	0.	0.	**	**	**	**
01020 BORON, DISSOLVED (UG/L AS B)	07/20/78-07/20/78	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
70300 RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	07/20/78-07/20/78	1	396.	396.	396.	396.	0.	0.	**	**	**	**
71851 NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/20/78-07/20/78	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0067

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
							Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	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									
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									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: CANY0068

NPS Station ID: CANY0068

Location: DAVIS CANYON CK 2 MI S/SW OF S. 6-SHOOTER PK

Station Type: /TYPA/AMBNT/SPRING

RMI-Indexes:

RMI-Miles:

HUC: 14030005

Major Basin: COLORADO RIVER

Minor Basin: UPPER COLORADO RIVER

RF1 Index: 14030005

RF3 Index: 14070004002901.17

Description:

LAT/LON: 38.087781/-109.656949

Depth of Water: 0

Elevation: 0

RF1 Mile Point: 0.000

RF3 Mile Point: 2.36

Agency: 11NPSWRD

FIPS State/County: 49037 UTAH/SAN JUAN

STORET Station ID(s): CANY_NPS_599511/DC8 /599511

Within Park Boundary: No

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 0.80

Distance from RF3: 0.11

Date Created: 05/22/99

On/Off RF1:

On/Off RF3:

THE STATION IS LOCATED ON THE SOUTH SIX-SHOOTER PEAK UTAH 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. DAVIS CANYON IS A WASH SPRING AND IS LOCATED OUTSIDE THE CANYONLANDS NATIONAL PARK BOUNDARY. THE SAMPLES WERE COLLECTED AND ANALYZED BY NATIONAL PARK SERVICE PERSONNEL. THE MONITORING BEGAN IN RESPONSE TO A PROPOSED SITING OF A NUCLEAR WASTE REPOSITORY NEAR THE PARK AS STATED BY B. LONG AND R. SMITH IN THE REPORT "WATER QUALITY DATA ANALYSIS AND INTERPRETATION FOR SPRING MONITORING SITES SOUTHEAST UTAH GROUP" (AUGUST 1996). THE INITIAL MONITORING OBJECTIVES WERE TO ESTABLISH A BASELINE DATABASE; DETECT POTENTIAL CHANGES; AND IDENTIFY AREAS OF CONCERN. THE UTAH DEPARTMENT OF ENVIRONMENTAL QUALITY ANALYZED THE SAMPLES IN A COOPERATIVE EFFORT WITH THE PARK SERVICE BEGINNING 9/21/1990. THESE DATA CAN BE FOUND UNDER THE STATION 599511. DATA WERE PROCESSED AND UPLOADED TO STORET BY LISA DUMMER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: CANY0068

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/12/85-05/16/90	9	18.1	15.711	22.6	4.5	31.231	5.588	4.5	11.8	19.4	22.6
00059 FLOW, RATE, INSTANTANEOUS GALLONS/MIN	02/12/85-05/20/86	3	20.16	14.103	20.25	1.9	111.693	10.568	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	02/12/85-05/20/86	3	0.04	0.031	0.05	0.004	0.001	0.024	**	**	**	**
00090 OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	05/16/90-05/16/90	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00094 SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	02/12/85-05/16/90	9	794.	783.222	887.	674.	5349.444	73.14	674.	716.5	846.5	887.
00300 OXYGEN, DISSOLVED MG/L	02/12/85-05/16/90	7	4.	4.286	8.7	0.7	7.565	2.75	**	**	**	**
00400 PH (STANDARD UNITS)	02/12/85-05/16/90	8	6.45	6.296	7.89	4.2	1.23	1.109	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	02/12/85-05/16/90	8	6.447	5.066	7.89	4.2	2.959	1.72	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/12/85-05/16/90	8	0.357	8.586	63.096	0.013	486.827	22.064	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	02/12/85-09/30/89	8	425.	408.	496.	300.	5475.143	73.994	**	**	**	**
00480 SALINITY - PARTS PER THOUSAND	05/16/90-05/16/90	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	02/12/85-05/16/90	7 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00655 PHOSPHATE, POLY (MG/L AS PO4)	02/12/85-05/16/90	8	2.	2.494	8.	0.05	6.349	2.52	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	02/12/85-05/16/90	8	415.	426.75	513.	340.	4159.357	64.493	**	**	**	**
00940 CHLORIDE, TOTAL IN WATER MG/L	06/16/87-05/16/90	5	114.	97.	152.	30.	2305.	48.01	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	02/12/85-05/16/90	8	28.	28.5	41.	9.	120.857	10.994	**	**	**	**
01042 COPPER, TOTAL (UG/L AS CU)	02/12/85-05/16/90	8 ##	50.	135.	320.	50.	14742.857	121.42	**	**	**	**
01045 IRON, TOTAL (UG/L AS FE)	02/12/85-05/16/90	7	320.	417.143	900.	50.	86557.143	294.206	**	**	**	**
01055 MANGANESE, TOTAL (UG/L AS MN)	02/12/85-05/16/90	6 ##	275.	375.	1000.	50.	154750.	393.383	**	**	**	**

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

Parameter Inventory for Station: CANY0068

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501 COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	02/12/85-05/16/90	6	29.	243.	1300.	0.	269526.	519.159	**	**	**	**
31501 LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	02/12/85-05/16/90	6	1.429	1.329	3.114	0.	1.45	1.204	**	**	**	**
31501 GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			21.308								
31616 FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/87-05/16/90	4	15.	19.	40.	6.	230.667	15.188	**	**	**	**
31616 LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/16/87-05/16/90	4	1.151	1.17	1.602	0.778	0.129	0.359	**	**	**	**
31616 GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			14.802								

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

EPA Water Quality Criteria Analysis for Station: CANY0068

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	7	4	0.57	2	1	0.50	1	0	0.00	3	2	0.67	1	1	1.00
00400 PH	Fresh Chronic	9.	8	0	0.00	2	0	0.00	1	0	0.00	4	0	0.00	1	0	0.00
	Other-Lo Lim.	6.5	8	6	0.75	2	2	1.00	1	1	1.00	4	2	0.50	1	1	1.00
00620 NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	7	0	0.00	3	0	0.00	1	0	0.00	3	0	0.00			
00940 CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	5	0	0.00	2	0	0.00				2	0	0.00	1	0	0.00
	Drinking Water	250.	5	0	0.00	2	0	0.00				2	0	0.00	1	0	0.00
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	250.	8	0	0.00	3	0	0.00	1	0	0.00	4	0	0.00			
01042 COPPER, TOTAL	Fresh Acute	18.	3 &	3	1.00		1	1	1.00	2	2	1.00					
	Drinking Water	1300.	8	0	0.00	3	0	0.00	1	0	0.00	4	0	0.00			
31501 COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	6	1	0.17	1	0	0.00	1	1	1.00	3	0	0.00	1	0	0.00
31616 FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	4	0	0.00	1	0	0.00				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: CANY0069

NPS Station ID: CANY0069 LAT/LON: 38.087667/-109.656833

Location: DAVIS CANYON CK 2 MI S/SW OF S. 6-SHOOTER PK DC

Station Type: /TYPA/AMBNT/STREAM

RMI-Indexes:

RMI-Miles:

HUC: 14030005

Major Basin:

Minor Basin:

RF1 Index:

RF3 Index: 14030005058404.17

Description:

WATER SAMPLES WERE COLLECTED BY CANYONLANDS NATIONAL PARK

435-259-3911); ANALYZED BY THE UTAH DEPARTMENT OF HEALTH

ENV QUALITY - DIVISION OF WATER QUALITY. DATA COLLECTED AT THE

CANY_NPS_599511.

Depth of Water: 0

Elevation: 0

RF1 Mile Point: 0.000

RF3 Mile Point: 7.84

Agency: 21UTAH

FIPS State/County: 49037 UTAH/SAN JUAN

STORET Station ID(s): 599511

Within Park Boundary: No

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 27.50

Distance from RF3: 0.01

Date Created: / /

On/Off RF1:

On/Off RF3:

NATURAL RESOURCE MANAGEMENT STAFF (125 W. 200 S.; MOAB UT 84532;
LABORATORY AND UPLOADED INTO STORET BY THE UTAH DEPARTMENT OF
SAME LOCATION PRIOR TO 9/21/1990 CAN BE FOUND AT STATION

Parameter Inventory for Station: CANY0069

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/21/90-05/18/92	4	18.75	18.625	23.	14.	17.856	4.226	**	**	**	**
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/26/91-05/18/92	3	30.	29.167	30.	27.5	2.083	1.443	**	**	**	**
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/26/91-05/18/92	3	3.3	6.1	13.	2.	36.13	6.011	**	**	**	**
00094 SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/21/90-05/18/92	4	715.5	763.25	927.	695.	12264.25	110.744	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/21/90-05/18/92	4	793.5	772.75	907.	597.	17852.25	133.612	**	**	**	**
00191 HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	09/21/90-05/18/92	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	09/21/90-05/18/92	4	3.25	2.975	4.1	1.3	1.609	1.269	**	**	**	**
00400 PH (STANDARD UNITS)	09/21/90-05/18/92	4	7.9	7.925	8.2	7.7	0.042	0.206	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	09/21/90-05/18/92	4	7.9	7.891	8.2	7.7	0.044	0.21	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/21/90-05/18/92	4	0.013	0.013	0.02	0.006	0.	0.006	**	**	**	**
00405 CARBON DIOXIDE (MG/L AS CO2)	09/21/90-05/18/92	4	9.5	9.25	14.	4.	16.917	4.113	**	**	**	**
00406 PH, FIELD, STANDARD UNITS SU	09/21/90-05/18/92	4	7.35	7.325	7.5	7.1	0.043	0.206	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS	09/21/90-05/18/92	4	7.325	7.289	7.5	7.1	0.044	0.21	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/21/90-05/18/92	4	0.047	0.051	0.079	0.032	0.001	0.024	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	09/21/90-05/18/92	4	385.5	352.	491.	146.	21438.	146.417	**	**	**	**
00440 BICARBONATE ION (MG/L AS HCO3)	09/21/90-05/18/92	4	497.	512.	599.	455.	3836.667	61.941	**	**	**	**
00445 CARBONATE ION (MG/L AS CO3)	09/21/90-05/18/92	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/26/91-05/18/92	3	4.	7.667	16.	3.	52.333	7.234	**	**	**	**
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/21/90-05/18/92	4 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00613 NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/21/90-09/21/90	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00618 NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/21/90-09/21/90	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/21/90-05/18/92	4	0.245	0.288	0.5	0.16	0.023	0.152	**	**	**	**
00631 NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/26/91-05/18/92	3	0.062	0.045	0.067	0.005	0.001	0.034	**	**	**	**
00665 PHOSPHORUS, TOTAL (MG/L AS P)	09/21/90-05/18/92	4 ##	0.014	0.016	0.03	0.005	0.	0.013	**	**	**	**
00666 PHOSPHORUS, DISSOLVED (MG/L AS P)	09/21/90-05/18/92	4	0.013	0.012	0.019	0.005	0.	0.006	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	09/21/90-05/18/92	4	401.65	398.825	465.9	326.1	3625.262	60.21	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	09/21/90-05/18/92	4	64.5	59.25	68.	40.	175.583	13.251	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	09/21/90-05/18/92	4	55.	53.5	72.	32.	269.667	16.422	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	09/21/90-05/18/92	4	25.	24.5	27.	21.	6.333	2.517	**	**	**	**

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

Parameter Inventory for Station: CANY0069

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/21/90-05/18/92	4	4.75	5.1	6.9	4.	1.607	1.268	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/26/91-05/18/92	3	21.	20.833	25.	16.5	18.083	4.252	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	09/21/90-05/18/92	4	20.296	21.873	38.	8.9	144.997	12.041	**	**	**
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	09/21/90-05/18/92	4 ##	2.5	2.	2.5	0.5	1.	1.	**	**	**
61027	ANIONS, SUM, TOTAL IN WATER MG/L	08/21/91-05/18/92	2	270.5	270.5	279.	262.	144.5	12.021	**	**	**
61944	CATIONS, SUM, TOTAL IN WATER, MG/L	08/21/91-05/18/92	2	133.	133.	141.	125.	128.	11.314	**	**	**
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	09/21/90-05/18/92	4	477.	475.	532.	414.	2326.667	48.236	**	**	**
80110	SPECIFIC GRAVITY WATER-UNITY AT 4C	09/21/90-09/21/90	1	0.103	0.103	0.103	0.103	0.	0.	**	**	**
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/21/90-05/18/92	4 ##	2.5	4.375	10.	2.5	14.063	3.75	**	**	**
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	09/21/90-05/18/92	4	0.48	0.48	0.63	0.33	0.026	0.162	**	**	**
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/21/90-05/18/92	4 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/21/90-05/18/92	4 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/21/90-05/18/92	4 ##	10.	10.	10.	10.	0.	0.	**	**	**
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	09/21/90-05/18/92	4	0.61	0.608	0.85	0.36	0.067	0.258	**	**	**
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/21/90-05/18/92	4 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/21/90-05/18/92	4	240.	223.5	400.	14.	38262.333	195.608	**	**	**
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/21/90-05/18/92	4 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/21/90-05/18/92	4 ##	1.	1.	1.	1.	0.	0.	**	**	**
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/21/90-05/18/92	4 ##	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: CANY0069

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	3	0	0.00	1	0	0.00			2	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	3	0.75	2	2	1.00			2	1	0.50			
00400	PH	Fresh Chronic	9.	4	0	0.00	2	0	0.00			2	0	0.00			
		Other-Lo Lim.	6.5	4	0	0.00	2	0	0.00			2	0	0.00			
00406	PH, FIELD	Fresh Chronic	9.	4	0	0.00	2	0	0.00			2	0	0.00			
		Other-Lo Lim.	6.5	4	0	0.00	2	0	0.00			2	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1	0	0.00	1	0	0.00								
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00	1	0	0.00								
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	3	0	0.00	1	0	0.00			2	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	3	0	0.00	1	0	0.00			2	0	0.00			
		Drinking Water	250.	3	0	0.00	1	0	0.00			2	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	4	0	0.00	2	0	0.00			2	0	0.00			
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE	Fresh Acute	20.	4	0	0.00	2	0	0.00			2	0	0.00			
		Drinking Water	50.	4	0	0.00	2	0	0.00			2	0	0.00			
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	360.	4	0	0.00	2	0	0.00			2	0	0.00			
		Drinking Water	50.	4	0	0.00	2	0	0.00			2	0	0.00			
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER	Drinking Water	2.	4	0	0.00	2	0	0.00			2	0	0.00			
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	3.9	4	0	0.00	2	0	0.00			2	0	0.00			
		Drinking Water	5.	4	0	0.00	2	0	0.00			2	0	0.00			
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WAT	Drinking Water	100.	4	0	0.00	2	0	0.00			2	0	0.00			
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	18.	4	0	0.00	2	0	0.00			2	0	0.00			
		Drinking Water	1300.	4	0	0.00	2	0	0.00			2	0	0.00			
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	82.	4	0	0.00	2	0	0.00			2	0	0.00			
		Drinking Water	15.	4	0	0.00	2	0	0.00			2	0	0.00			
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	2.4	4	0	0.00	2	0	0.00			2	0	0.00			
		Drinking Water	2.	4	0	0.00	2	0	0.00			2	0	0.00			
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	4.1	4	0	0.00	2	0	0.00			2	0	0.00			
		Drinking Water	100.	4	0	0.00	2	0	0.00			2	0	0.00			
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	120.	4	0	0.00	2	0	0.00			2	0	0.00			
		Drinking Water	5000.	4	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: CANY0070

NPS Station ID: CANY0070	LAT/LON: 38.087781/-109.656949	Agency: 11NPSWRD	Date Created: 08/07/99
Location: DAVIS CANYON POOL 1/2 MILE BELOW PARK BOUNDARY		FIPS State/County: 49037 UTAH/SAN JUAN	
Station Type: /TYPA/AMBNT/STREAM		STORET Station ID(s): CANY_BLM_DVCN	
RMI-Indexes:		Within Park Boundary: No	
RMI-Miles:			
HUC: 14030005	Depth of Water: 0	Aquifer:	
Major Basin: COLORADO RIVER	Elevation: 5300	Water Body Id:	
Minor Basin: UPPER COLORADO RIVER		ECO Region:	
RF1 Index: 14030005	RF1 Mile Point: 0.000	Distance from RF1: 0.80	On/Off RF1:
RF3 Index: 14070004002901.17	RF3 Mile Point: 2.36	Distance from RF3: 0.11	On/Off RF3:
Description: THE STATION IS LOCATED ON THE SOUTH SIX-SHOOTER PEAK UT 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT A POOL IN DAVIS CANYON 1/2 MILE DOWNSTREAM FROM THE PARK BOUNDARY AND IS OUTSIDE OF CANYONLANDS NATIONAL PARK. THE DATA ARE FROM THE REPORT "ARCHES AND CANYONLANDS NATIONAL PARK AQUATIC STUDY" BY J. CONNOR (NPS) AND W.G. KEPNER (BLM) (1983). THE PURPOSE OF THE STUDY WAS TO MONITOR THE IMPACTS BY VISITORS IN THE BACKCOUNTRY TO WATER SOURCES IN THE PARKS. THE STUDY WAS A JOINT EFFORT BETWEEN THE NATIONAL PARK SERVICE AND THE BUREAU OF LAND MANAGEMENT. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT CANYONLANDS NATIONAL PARK; 2282 WEST RESOURCE BLVD.; MOAB UT 84532 (TEL. 801-259-7164). DATA WERE PROCESSED AND UPLOADED TO STORET BY LISA DUMMER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DR. SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).			

Parameter Inventory for Station: CANY0070

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/24/83-08/24/83	1	26.	26.	26.	26.	0.	0.	**	**	**	**
00059 FLOW RATE, INSTANTANEOUS GALLONS/MIN	08/24/83-08/24/83	1	1.25	1.25	1.25	1.25	0.	0.	**	**	**	**
00094 SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	08/24/83-08/24/83	1	920.	920.	920.	920.	0.	0.	**	**	**	**
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/24/83-08/24/83	1	5.6	5.6	5.6	5.6	0.	0.	**	**	**	**
00406 PH, FIELD, STANDARD UNITS SU	08/24/83-08/24/83	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS	08/24/83-08/24/83	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/24/83-08/24/83	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	08/24/83-08/24/83	1	280.	280.	280.	280.	0.	0.	**	**	**	**
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	08/24/83-08/24/83	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	08/24/83-08/24/83	1	820.	820.	820.	820.	0.	0.	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	08/24/83-08/24/83	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: CANY0070

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
						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: CANY0070

Parameter	Std. Type	Std. Value	Total	Exceed	Prop.	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
			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								
		Drinking Water	10.	1	0	0.00	1	0	0.00								
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00	1	0	0.00								
00945	SULFATE, TOTAL (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: CANY0071

NPS Station ID: CANY0071
Location: (D-31-19)9DD DRUID ARCH
Station Type: /TYPA/AMBNT/SPRING
RMI-Indexes:

LAT/LON: 38.091198/-109.831642

Agency: 11NPSWRD
FIPS State/County: 49037 UTAH/SAN JUAN
STORET Station ID(s): CANY_ERI_EC1
Within Park Boundary: Yes

Date Created: 08/21/99

RMI-Miles:
HUC: 14070001
Major Basin: COLORADO RIVER
Minor Basin: MIDDLE COLORADO-SAN JUAN RIVER
RF1 Index: 14070001
RF3 Index: 14070004002901.17

Depth of Water: 0
Elevation: 0
RF1 Mile Point: 0.000
RF3 Mile Point: 2.36

Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.80
Distance from RF3: 0.11

On/Off RF1:
On/Off RF3:

Description:
The station is located on the Druid Arch Utah 7.5 minute series (topographic) quadrangle. The site is a spring in Canyonlands National Park. The spring is in Elephant Canyon upstream from a side trail to Druid Arch approximately 1/8 mile. The source is in an alcove with major portion of water below large boulders in the drainage. A large pool occurs upstream above a talus slope. This is probably the source. Salix and Juncus spp. present in drainage about 1/4 mile downstream. The data are from the report "Water Resources Descriptions and Data Base Canyonlands National Park Needles District and Adjacent BLM Lands" prepared by Ecosystems Research Institute (October 1984). For information on Canyonlands National Park; contact the Chief of Resources at Canyonlands National Park; 2282 S. West Resource Blvd.; Moab UT 84532 (Tel. 801-259-7164). Data were processed and uploaded to STORET by Lisa Dummer; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: CANY0071

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/03/84-05/03/84	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00094 SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	05/03/84-05/03/84	1	320.	320.	320.	320.	0.	0.	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	05/03/84-05/03/84	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00406 PH, FIELD, STANDARD UNITS SU	05/03/84-05/03/84	1	8.26	8.26	8.26	8.26	0.	0.	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS	05/03/84-05/03/84	1	8.26	8.26	8.26	8.26	0.	0.	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/03/84-05/03/84	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: CANY0071

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00	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: CANY0072

NPS Station ID: CANY0072
 Location: (D-30-20)7CA
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 14030005
 Major Basin: COLORADO RIVER
 Minor Basin: UPPER COLORADO RIVER
 RF1 Index: 14030005
 RF3 Index: 14070004002901.17

LAT/LON: 38.094477/-109.766809

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 2.36

Agency: 11NPSWRD
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): CANY_ERI_SC10A
 Within Park Boundary: Yes

Date Created: 08/21/99

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.80
 Distance from RF3: 0.11

On/Off RF1:
 On/Off RF3:

Description:

The station is located on the Druid Arch Utah 7.5 minute series (topographic) quadrangle. The site is a rise in the Cowboy Spring drainage in Canyonlands National Park. Cowboy Spring begins about 2 miles from the confluence of its drainage with Salt Creek. Exact spot could not be determined due to runoff. For this reason samples were taken at the confluence with Salt Creek. Bacteriological samples were held longer than 30 hours. Flow was measured in 90 degree triangular notch weir. The data are from the report "Water Resources Descriptions and Data Base Canyonlands National Park Needles District and Adjacent BLM Lands" prepared by Ecosystems Research Institute (October 1984). For information on Canyonlands National Park; contact the Chief of Resources at Canyonlands National Park; 2282 S. West Resource Blvd.; Moab UT 84532 (Tel. 801-259-7164). Data were processed and uploaded to STORET by Lisa Dummer; NPS Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: CANY0072

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/27/84-04/27/84	1	12.7	12.7	12.7	12.7	0.	0.	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	04/27/84-04/27/84	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00094 SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	04/27/84-04/27/84	1	530.	530.	530.	530.	0.	0.	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	04/27/84-04/27/84	1	9.1	9.1	9.1	9.1	0.	0.	**	**	**	**
00406 PH, FIELD, STANDARD UNITS SU	04/27/84-04/27/84	1	8.5	8.5	8.5	8.5	0.	0.	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS	04/27/84-04/27/84	1	8.5	8.5	8.5	8.5	0.	0.	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/27/84-04/27/84	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	04/27/84-04/27/84	1	249.	249.	249.	249.	0.	0.	**	**	**	**
00515 RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	04/27/84-04/27/84	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00600 NITROGEN, TOTAL (MG/L AS N)	04/27/84-04/27/84	1	0.16	0.16	0.16	0.16	0.	0.	**	**	**	**
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/27/84-04/27/84	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00615 NITRITE NITROGEN, TOTAL (MG/L AS N)	04/27/84-04/27/84	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	04/27/84-04/27/84	1	0.018	0.018	0.018	0.018	0.	0.	**	**	**	**
00665 PHOSPHORUS, TOTAL (MG/L AS P)	04/27/84-04/27/84	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00680 CARBON, TOTAL ORGANIC (MG/L AS C)	04/27/84-04/27/84	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	04/27/84-04/27/84	1	250.	250.	250.	250.	0.	0.	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	04/27/84-04/27/84	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	04/27/84-04/27/84	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00946 SULFATE, DISSOLVED (MG/L AS SO4)	04/27/84-04/27/84	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: CANY0072

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01516 ALPHA, SUSPEND GROSS, AS URANIUM NATURAL, PC/L	04/27/84-04/27/84	1	5.	5.	5.	5.	0.	0.	**	**	**	**
03516 BETA, SUSPENDED GROSS, AS CS-137, PC/L	04/27/84-04/27/84	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
31501 COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/27/84-04/27/84	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31501 LOG COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,3	04/27/84-04/27/84	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31501 GM COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,3	04/27/84-04/27/84	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31616 FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	04/27/84-04/27/84	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31616 LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	04/27/84-04/27/84	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31616 GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	04/27/84-04/27/84	1	0.	0.	0.	0.	0.	0.	**	**	**	**
50786 ORTHOPHOSPHATE AS P, WATER MG/L	04/27/84-04/27/84	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
70300 RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	04/27/84-04/27/84	1	274.	274.	274.	274.	0.	0.	**	**	**	**
70953 CHLOROPHYLL-A, PHYTOPLANKTON UG/L, CHROMO-FLUORO	04/27/84-04/27/84	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: CANY0072

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	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			
00615 NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	0	0.00							1	0	0.00			
00620 NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00							1	0	0.00			
00941 CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
	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			
31501 COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	0	0.00							1	0	0.00			
31616 FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: CANY0073

NPS Station ID: CANY0073
Location: C16964
Station Type: /TYPE/AMBNT/STREAM
RMI-Indexes:
RMI-Miles:
HUC: 14030005
Major Basin: COLORADO RIVER
Minor Basin: UPPER COLORADO RIVER
RF1 Index: 14030005
RF3 Index: 14070004002901.17

LAT/LON: 38.104698/-109.609698

Agency: 11NPSWRD
FIPS State/County: 49037 UTAH/SAN JUAN
STORET Station ID(s): CANY_NURE_16/1041139
Within Park Boundary: No

Date Created: 01/30/99

HUC: 14030005
Major Basin: COLORADO RIVER
Minor Basin: UPPER COLORADO RIVER
RF1 Index: 14030005
RF3 Index: 14070004002901.17

Depth of Water: 0
Elevation: 0

RF1 Mile Point: 0.000
RF3 Mile Point: 2.36

Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.80
Distance from RF3: 0.11

On/Off RF1:
On/Off RF3:

Description: THE STATION IS LOCATED ON THE HART'S POINT SOUTH; UTAH 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT A STREAM AND IS OUTSIDE OF THE CANYONLANDS NATIONAL PARK. EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO ONE WITH REAGENT-GRADE NITRIC ACID. 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 STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "LASLID" ENTRY (LOS ALAMOS SCIENTIFIC LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY LISA DUMMER; NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: CANY0073

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/28/78-06/28/78	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/28/78-06/28/78	1	510.	510.	510.	510.	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	06/28/78-06/28/78	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	06/28/78-06/28/78	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/28/78-06/28/78	1	0.316	0.316	0.316	0.316	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS CA)	06/28/78-06/28/78	1	52.7	52.7	52.7	52.7	0.	0.	**	**	**	**
01030 CHROMIUM, DISSOLVED (UG/L AS CR)	06/28/78-06/28/78	1##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01035 COBALT, DISSOLVED (UG/L AS CO)	06/28/78-06/28/78	1	218.	218.	218.	218.	0.	0.	**	**	**	**
01040 COPPER, DISSOLVED (UG/L AS CU)	06/28/78-06/28/78	1	12.	12.	12.	12.	0.	0.	**	**	**	**
01046 IRON, DISSOLVED (UG/L AS FE)	06/28/78-06/28/78	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

EPA Water Quality Criteria Analysis for Station: CANY0073

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
							Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00										1	0	0.00
		Other-Lo Lim.	6.5	1	1	1.00										1	1	1.00
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

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

Station Inventory for Station: CANY0074

NPS Station ID: CANY0074
 Location: (D-31-21)4D
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 14030005
 Major Basin: COLORADO RIVER
 Minor Basin: UPPER COLORADO RIVER
 RF1 Index: 14030005
 RF3 Index: 14070004002901.17
 Description:

LAT/LON: 38.106366/-109.614059

Depth of Water: 0
 Elevation: 0

RF1 Mile Point: 0.000
 RF3 Mile Point: 2.36

Agency: 11NPSWRD
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): CANY_ERI_LC15
 Within Park Boundary: No

Date Created: 08/21/99

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.80
 Distance from RF3: 0.11

On/Off RF1:
 On/Off RF3:

The station is located on the Harts Point South Utah 7.5 minute series (topographic) quadrangle. The site is a rise located in Lavender Canyon immediately upstream from the confluence of Lavender and Indian Creeks outside Canyonlands National Park. Bacteriological samples were held longer than 30 hours. Flow was measured in a 90 degree triangular notch weir or estimated from velocity X width X average depth. Source Type: Rise. Formation: Alluvium. Position: Stream channel. Substrate: Sand. The data are from the report "Water Resources Descriptions and Data Base Canyonlands National Park Needles District and Adjacent BLM Lands" prepared by Ecosystems Research Institute (October 1984). For information on Canyonlands National Park; contact the Chief of Resources at Canyonlands National Park; 2282 S. West Resource Blvd.; Moab UT 8453 (Tel. 801-259-7164). Data were processed and uploaded to STORET by Lisa Dummer; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: CANY0074

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/23/84-04/23/84	2	25.5	25.5	26.	25.	0.5	0.707	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	04/23/84-04/23/84	2	0.125	0.125	0.2	0.05	0.011	0.106	**	**	**	**
00094 SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	04/23/84-04/23/84	2	3860.	3860.	3880.	3840.	800.	28.284	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	04/23/84-04/23/84	2	6.65	6.65	7.	6.3	0.245	0.495	**	**	**	**
00406 PH, FIELD, STANDARD UNITS SU	04/23/84-04/23/84	2	8.63	8.63	8.64	8.62	0.	0.014	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS	04/23/84-04/23/84	2	8.63	8.63	8.64	8.62	0.	0.014	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/23/84-04/23/84	2	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	04/23/84-04/23/84	1	350.	350.	350.	350.	0.	0.	**	**	**	**
00515 RESIDUE, TOTAL FILTRABLE (DRIED AT 105C), MG/L	04/23/84-04/23/84	1	27.	27.	27.	27.	0.	0.	**	**	**	**
00600 NITROGEN, TOTAL (MG/L AS N)	04/23/84-04/23/84	1	0.22	0.22	0.22	0.22	0.	0.	**	**	**	**
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/23/84-04/23/84	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00615 NITRITE NITROGEN, TOTAL (MG/L AS N)	04/23/84-04/23/84	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	04/23/84-04/23/84	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00665 PHOSPHORUS, TOTAL (MG/L AS P)	04/23/84-04/23/84	1	0.024	0.024	0.024	0.024	0.	0.	**	**	**	**
00680 CARBON, TOTAL ORGANIC (MG/L AS C)	04/23/84-04/23/84	1	2.2	2.2	2.2	2.2	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	04/23/84-04/23/84	1	490.	490.	490.	490.	0.	0.	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	04/23/84-04/23/84	1	699.	699.	699.	699.	0.	0.	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	04/23/84-04/23/84	1	801.	801.	801.	801.	0.	0.	**	**	**	**
00946 SULFATE, DISSOLVED (MG/L AS SO4)	04/23/84-04/23/84	1	361.	361.	361.	361.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: CANY0074

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01516 ALPHA, SUSPEND GROSS, AS URANIUM NATURAL, PC/L	04/23/84-04/23/84	1	14.	14.	14.	14.	0.	0.	**	**	**	**
03516 BETA, SUSPENDED GROSS, AS CS-137, PC/L	04/23/84-04/23/84	1	27.	27.	27.	27.	0.	0.	**	**	**	**
31501 COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/23/84-04/23/84	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31501 LOG COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,3	04/23/84-04/23/84	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31501 GM COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,3	04/23/84-04/23/84	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31616 FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	04/23/84-04/23/84	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31616 LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	04/23/84-04/23/84	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31616 GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	04/23/84-04/23/84	1	0.	0.	0.	0.	0.	0.	**	**	**	**
50786 ORTHOPHOSPHATE AS P, WATER MG/L	04/23/84-04/23/84	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
70300 RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	04/23/84-04/23/84	1	2245.	2245.	2245.	2245.	0.	0.	**	**	**	**
70953 CHLOROPHYLL-A, PHYTOPLANKTON UG/L, CHROMO-FLUORO	04/23/84-04/23/84	1	1.6	1.6	1.6	1.6	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: CANY0074

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00							2	0	0.00			
00406 PH, FIELD	Fresh Chronic	9.	2	0	0.00							2	0	0.00			
	Other-Lo Lim.	6.5	2	0	0.00							2	0	0.00			
00615 NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	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	1	1.00							1	1	1.00			
00946 SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	1	1.00							1	1	1.00			
31501 COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	0	0.00							1	0	0.00			
31616 FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: CANY0075

NPS Station ID: CANY0075
 Location: (D-31-19) 4ADC-S1
 Station Type: /TYPA/AMBNT/SPRING
 RMI-Indexes:
 RMI-Miles:
 HUC: 14030005
 Major Basin:
 Minor Basin:
 RF1 Index: 14030005
 RF3 Index: 14030005000100.13
 Description:

LAT/LON: 38.112781/-109.829726

Depth of Water: 0
 Elevation: 0

RF1 Mile Point: 0.000
 RF3 Mile Point: 1.32

Agency: 112WRD
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): 380646109494701
 Within Park Boundary: Yes

Date Created: 02/28/78

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.03

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: CANY0075

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/20/68-05/20/68	1	13.5	13.5	13.5	13.5	0.	0.	**	**	**	**
00059 FLOW, RATE, INSTANTANEOUS GALLONS/MIN	05/20/68-05/20/68	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
01000 ARSENIC, DISSOLVED (UG/L AS AS)	05/20/68-05/20/68	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01040 COPPER, DISSOLVED (UG/L AS CU)	05/20/68-05/20/68	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01046 IRON, DISSOLVED (UG/L AS FE)	05/20/68-05/20/68	1	70.	70.	70.	70.	0.	0.	**	**	**	**
01145 SELENIUM, DISSOLVED (UG/L AS SE)	05/20/68-05/20/68	1	0.	0.	0.	0.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0075

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	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			
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			
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: CANY0076

NPS Station ID: CANY0076 Location: (D-31-19)4ADC-S1 DORIUS SPRING Station Type: /TYPA/AMBNT/SPRING RMI-Indexes: RMI-Miles: HUC: 14070001 Major Basin: COLORADO RIVER Minor Basin: MIDDLE COLORADO-SAN JUAN RIVER RF1 Index: 14070001 RF3 Index: 14070004002901.17 Description: The station is located on the Druid Arch Utah 7.5 minute series (topographic) quadrangle. The site is a spring in Canyonlands National Park. Dorius Spring is in an eastern tributary canyon of the Elephant Canyon drainage about 1/4 from junction with main canyon on the trail between Elephant Canyon and Big Spring Canyon. Riparian vegetation (Juncus) is common around pools. This section of the canyon is typified by riffles and plunge pools formed by flowing water over large boulders. The data are from the report "Water Resources Descriptions and Data Base Canyonlands National Park Needles District and Adjacent BLM Lands" prepared by Ecosystems Research Institute (October 1984). For information on Canyonlands National Park; contact the Chief of Resources at Canyonlands National Park; 2282 S. West Resource Blvd.; Moab UT 84532 (Tel. 801-259-7164). Data were processed and uploaded to STORET by Lisa Dummer; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).	LAT/LON: 38.113476/-109.831671 Depth of Water: 0 Elevation: 0 RF1 Mile Point: 0.000 RF3 Mile Point: 2.36	Agency: 11NPSWRD FIPS State/County: 49037 UTAH/SAN JUAN STORET Station ID(s): CANY_ERI_EC3 Within Park Boundary: Yes Aquifer: Water Body Id: ECO Region: Distance from RF1: 0.80 Distance from RF3: 0.11

Date Created: 08/21/99

On/Off RF1:
On/Off RF3:

Parameter Inventory for Station: CANY0076

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/02/84-05/02/84	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00094 SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	05/02/84-05/02/84	1	130.	130.	130.	130.	0.	0.	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	05/02/84-05/02/84	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00406 PH, FIELD, STANDARD UNITS SU	05/02/84-05/02/84	1	8.57	8.57	8.57	8.57	0.	0.	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS	05/02/84-05/02/84	1	8.57	8.57	8.57	8.57	0.	0.	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/02/84-05/02/84	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0076

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	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: CANY0077

NPS Station ID: CANY0077
 Location: (D-31-18)5 Y-CANYON
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:

LAT/LON: 38.113448/-109.964615

Agency: 11NPSWRD
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): CANY_ERI_C4
 Within Park Boundary: Yes

Date Created: 08/21/99

RMI-Miles:
 HUC: 14070001
 Major Basin: COLORADO RIVER
 Minor Basin: MIDDLE COLORADO-SAN JUAN RIVER
 RF1 Index: 14070001
 RF3 Index: 14070004002901.17

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 2.36

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.80
 Distance from RF3: 0.11

On/Off RF1:
 On/Off RF3:

Description:
 The station is located on the Cross Canyon Utah 7.5 minute series (topographic) quadrangle. The site is on the Colorado River shoreline immediately downstream of Y-Canyon. Bacteriological samples were held longer than 30 hours. Flow data are available from USGS record at Cisco. Source Type: River. Formation: Alluvium. Position: River channel near shore. Substrate: Sand. The data are from the report "Water Resources Descriptions and Data Base Canyonlands National Park Needles District and Adjacent BLM Lands" prepared by Ecosystems Research Institute (October 1984). For information on Canyonlands National Park; contact the Chief of Resources at Canyonlands National Park; 2282 S. West Resource Blvd.; Moab UT 84532 (Tel. 801-259-7164). Data were processed and uploaded to STORET by Lisa Dummer; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: CANY0077

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/28/84-04/28/84	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00094 SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	04/28/84-04/28/84	1	420.	420.	420.	420.	0.	0.	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	04/28/84-04/28/84	1	9.4	9.4	9.4	9.4	0.	0.	**	**	**	**
00406 PH, FIELD, STANDARD UNITS SU	04/28/84-04/28/84	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS	04/28/84-04/28/84	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/28/84-04/28/84	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00515 RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	04/28/84-04/28/84	1	3244.	3244.	3244.	3244.	0.	0.	**	**	**	**
00600 NITROGEN, TOTAL (MG/L AS N)	04/28/84-04/28/84	1	2.57	2.57	2.57	2.57	0.	0.	**	**	**	**
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/28/84-04/28/84	1	0.061	0.061	0.061	0.061	0.	0.	**	**	**	**
00615 NITRITE NITROGEN, TOTAL (MG/L AS N)	04/28/84-04/28/84	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	04/28/84-04/28/84	1	0.68	0.68	0.68	0.68	0.	0.	**	**	**	**
00665 PHOSPHORUS, TOTAL (MG/L AS P)	04/28/84-04/28/84	1	1.772	1.772	1.772	1.772	0.	0.	**	**	**	**
00680 CARBON, TOTAL ORGANIC (MG/L AS C)	04/28/84-04/28/84	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	04/28/84-04/28/84	1	1326.	1326.	1326.	1326.	0.	0.	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	04/28/84-04/28/84	1	29.	29.	29.	29.	0.	0.	**	**	**	**
00946 SULFATE, DISSOLVED (MG/L AS SO4)	04/28/84-04/28/84	1	137.	137.	137.	137.	0.	0.	**	**	**	**
01516 ALPHA, SUSPEND GROSS, AS URANIUM NATURAL, PC/L	04/28/84-04/28/84	1	46.	46.	46.	46.	0.	0.	**	**	**	**
03516 BETA, SUSPENDED GROSS, AS CS-137, PC/L	04/28/84-04/28/84	1	89.	89.	89.	89.	0.	0.	**	**	**	**
31501 COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/28/84-04/28/84	1	200.	200.	200.	200.	0.	0.	**	**	**	**
31501 LOG COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,3	04/28/84-04/28/84	1	2.301	2.301	2.301	2.301	0.	0.	**	**	**	**
31501 GM COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			200.								
31616 FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	04/28/84-04/28/84	1	200.	200.	200.	200.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: CANY0077

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616 LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	04/28/84-04/28/84	1	2.301	2.301	2.301	2.301	0.	0.	**	**	**	**
31616 GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			200.								
50786 ORTHOPHOSPHATE AS P, WATER MG/L	04/28/84-04/28/84	1	0.89	0.89	0.89	0.89	0.	0.	**	**	**	**
70300 RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	04/28/84-04/28/84	1	831.	831.	831.	831.	0.	0.	**	**	**	**
70953 CHLOROPHYLL-A, PHYTOPLANKTON UG/L, CHROMO-FLUORO	04/28/84-04/28/84	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: CANY0077

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	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			
00615 NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	0	0.00							1	0	0.00			
00620 NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00							1	0	0.00			
00941 CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
	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			
31501 COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	0	0.00							1	0	0.00			
31616 FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1	1	1.00							1	1	1.00			

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

Station Inventory for Station: CANY0078

NPS Station ID: CANY0078
 Location: DORIUS SPRING
 Station Type: /TYP/AMBNT/SPRING
 RMI-Indexes:
 RMI-Miles:
 HUC: 14030005
 Major Basin: COLORADO RIVER
 Minor Basin: UPPER COLORADO RIVER
 RF1 Index: 14030005
 RF3 Index: 14070004002901.17

LAT/LON: 38.113559/-109.830421

Depth of Water: 0
 Elevation: 0

RF1 Mile Point: 0.000
 RF3 Mile Point: 2.36

Agency: 11NPSWRD
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): CANY_USGS_DORI
 Within Park Boundary: Yes

Date Created: 08/02/99

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.80
 Distance from RF3: 0.11

On/Off RF1:
 On/Off RF3:

Description:
 THE STATION IS LOCATED ON THE DRUID ARCH UTAH 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT DORIUS SPRING LOCATED INSIDE THE CANYONLANDS NATIONAL PARK. THE DATA ARE FROM THE USGS OPEN-FILE REPORT "WATER RESOURCES OF PART OF CANYONLANDS NATIONAL PARK; SOUTHEASTERN UTAH" BY C.T. SUMSION AND E.L. BOLKE (1972). THE OBJECTIVE WAS "TO LOCATE AND APPRAISE THE WATER SOURCES OF THE PARK." PART OF THE DATA FROM THIS REPORT HAD PREVIOUSLY BEEN UPLOADED TO STORET BY THE USGS. FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT CANYONLANDS NATIONAL PARK; 2282 S. WEST RESOURCES BLVD.; MOAB UT 84532 (TEL. 801-259-7164). DATA WERE PROCESSED AND UPLOADED TO STORET BY LISA DUMMER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: CANY0078

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/20/69-05/20/69	1	405.	405.	405.	405.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/20/69-05/20/69	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/20/69-05/20/69	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/20/69-05/20/69	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	05/20/69-05/20/69	1	279.	279.	279.	279.	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	05/20/69-05/20/69	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	05/20/69-05/20/69	1	221.	221.	221.	221.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	05/20/69-05/20/69	1##	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	05/20/69-05/20/69	1	69.	69.	69.	69.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/20/69-05/20/69	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS Na)	05/20/69-05/20/69	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/20/69-05/20/69	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/20/69-05/20/69	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	05/20/69-05/20/69	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/20/69-05/20/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SiO2)	05/20/69-05/20/69	1	6.	6.	6.	6.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/20/69-05/20/69	1	228.	228.	228.	228.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0078

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
							Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	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			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00							1	0	0.00			
00940	CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
		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			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	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

Station Inventory for Station: CANY0079

NPS Station ID: CANY0079
 Location: PEEKABOO SPRING
 Station Type: /TYPA/AMBNT/SPRING
 RMI-Indexes:
 RMI-Miles:
 HUC: 14030005
 Major Basin: COLORADO RIVER
 Minor Basin: UPPER COLORADO RIVER
 RF1 Index: 14030005
 RF3 Index: 14070004002901.17

LAT/LON: 38.114253/-109.754421

Depth of Water: 0
 Elevation: 0

RF1 Mile Point: 0.000
 RF3 Mile Point: 2.36

Agency: 11NPSWRD
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): CANY_NPS_37
 Within Park Boundary: Yes

Date Created: 08/02/99

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.80
 Distance from RF3: 0.11

On/Off RF1:
 On/Off RF3:

Description:
 THE STATION IS LOCATED ON THE DRUID ARCH UTAH 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT PEEKABOO SPRING INSIDE THE CANYONLANDS NATIONAL PARK. THE DATA ARE FROM THE REPORT "GROUND WATER RESOURCES IN THE PART OF CANYONLANDS NATIONAL PARK EAST OF THE COLORADO RIVER AND CONTIGUOUS BUREAU OF LAND MANAGEMENT LANDS; UTAH" BY H.R. RICHTER, JR. (APRIL 1980). THE PURPOSE OF THE REPORT IS "TO (1) DESCRIBE THE OCCURRENCE AND CIRCULATION OF GROUND WATER AND (2) IDENTIFY POTENTIALLY DEVELOPABLE GROUND WATER SUPPLIES." FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT CANYONLANDS NATIONAL PARK; 2282 S. WEST RESOURCE BLVD.; MOAB UT 84532 (TEL. 801-259-7164). DATA WERE PROCESSED AND UPLOADED TO STORET BY LISA DUMMER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: CANY0079

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/14/78-06/14/78	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00058 FLOW, RATE GALLONS/MIN	06/14/78-06/14/78	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/14/78-06/14/78	1	118.	118.	118.	118.	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	06/14/78-06/14/78	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	06/14/78-06/14/78	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/14/78-06/14/78	1	0.126	0.126	0.126	0.126	0.	0.	**	**	**	**
00440 BICARBONATE ION (MG/L AS HCO3)	06/14/78-06/14/78	1	48.	48.	48.	48.	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	06/14/78-06/14/78	1	48.	48.	48.	48.	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	06/14/78-06/14/78	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS Mg)	06/14/78-06/14/78	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	06/14/78-06/14/78	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	06/14/78-06/14/78	1	2.2	2.2	2.2	2.2	0.	0.	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	06/14/78-06/14/78	1##	0.	0.	0.	0.	0.	0.	**	**	**	**
00946 SULFATE, DISSOLVED (MG/L AS SO4)	06/14/78-06/14/78	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	06/14/78-06/14/78	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SiO2)	06/14/78-06/14/78	1	2.4	2.4	2.4	2.4	0.	0.	**	**	**	**
70300 RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	06/14/78-06/14/78	1	72.	72.	72.	72.	0.	0.	**	**	**	**
71851 NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/14/78-06/14/78	1	9.8	9.8	9.8	9.8	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: CANY0079

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
							Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	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
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
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: CANY0080

NPS Station ID: CANY0080
 Location: (D-31-20) 6ADA-S1
 Station Type: /TYPA/AMBNT/SPRING
 RMI-Indexes:
 RMI-Miles:
 HUC: 14030005
 Major Basin:
 Minor Basin:
 RF1 Index: 14030005
 RF3 Index: 14030005062400.00
 Description:

LAT/LON: 38.115281/-109.754170

Depth of Water: 0
 Elevation: 0

RF1 Mile Point: 0.000
 RF3 Mile Point: 14.14

Agency: 112WRD
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): 380655109451501
 Within Park Boundary: Yes

Date Created: 02/28/78

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.30

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: CANY0080

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/02/68-05/02/68	1	14.5	14.5	14.5	14.5	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/02/68-05/02/68	1	640.	640.	640.	640.	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	05/02/68-05/02/68	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	05/02/68-05/02/68	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/02/68-05/02/68	1	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00440 BICARBONATE ION (MG/L AS HCO3)	05/02/68-05/02/68	1	336.	336.	336.	336.	0.	0.	**	**	**	**
00445 CARBONATE ION (MG/L AS CO3)	05/02/68-05/02/68	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00618 NITRATE NITROGEN, DISSOLVED (MG/L AS N)	05/02/68-05/02/68	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	05/02/68-05/02/68	1	296.	296.	296.	296.	0.	0.	**	**	**	**
00902 HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	05/02/68-05/02/68	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	05/02/68-05/02/68	1	48.	48.	48.	48.	0.	0.	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS Mg)	05/02/68-05/02/68	1	43.	43.	43.	43.	0.	0.	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	05/02/68-05/02/68	1	29.	29.	29.	29.	0.	0.	**	**	**	**
00931 SODIUM ADSORPTION RATIO	05/02/68-05/02/68	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	05/02/68-05/02/68	1	3.9	3.9	3.9	3.9	0.	0.	**	**	**	**
00940 CHLORIDE, TOTAL IN WATER MG/L	05/02/68-05/02/68	1	21.	21.	21.	21.	0.	0.	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	05/02/68-05/02/68	1	52.	52.	52.	52.	0.	0.	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	05/02/68-05/02/68	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SiO2)	05/02/68-05/02/68	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
01000 ARSENIC, DISSOLVED (UG/L AS AS)	05/02/68-05/02/68	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01020 BORON, DISSOLVED (UG/L AS B)	05/02/68-05/02/68	1	60.	60.	60.	60.	0.	0.	**	**	**	**
01040 COPPER, DISSOLVED (UG/L AS Cu)	05/02/68-05/02/68	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01145 SELENIUM, DISSOLVED (UG/L AS Se)	05/02/68-05/02/68	1	0.	0.	0.	0.	0.	0.	**	**	**	**
70300 RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	05/02/68-05/02/68	1	380.	380.	380.	380.	0.	0.	**	**	**	**
70301 SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	05/02/68-05/02/68	1	369.	369.	369.	369.	0.	0.	**	**	**	**
71851 NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/02/68-05/02/68	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0080

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
00400 PH	Fresh Chronic	9.	1	0	0.00	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
	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

EPA Water Quality Criteria Analysis for Station: CANY0080

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00618	NITRATE NITROGEN, DISSOLVED AS N	10.	1	0	0.00							1	0	0.00			
00940	CHLORIDE, TOTAL IN WATER	860.	1	0	0.00							1	0	0.00			
	Fresh Acute	250.	1	0	0.00							1	0	0.00			
	Drinking Water	250.	1	0	0.00							1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	250.	1	0	0.00							1	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	4.	1	0	0.00							1	0	0.00			
01000	ARSENIC, DISSOLVED	360.	1	0	0.00							1	0	0.00			
	Fresh Acute	50.	1	0	0.00							1	0	0.00			
	Drinking Water	18.	1	0	0.00							1	0	0.00			
01040	COPPER, DISSOLVED	1300.	1	0	0.00							1	0	0.00			
	Fresh Acute	20.	1	0	0.00							1	0	0.00			
	Drinking Water	50.	1	0	0.00							1	0	0.00			
01145	SELENIUM, DISSOLVED	44.	1	0	0.00							1	0	0.00			
	Fresh Acute																
	Drinking Water																
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)																
	Fresh Acute																
	Drinking Water																

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

Station Inventory for Station: CANY0081

NPS Station ID: CANY0081	LAT/LON: 38.115309/-109.754698	Agency: 11NPSWRD	Date Created: 01/30/99
Location: C17788		FIPS State/County: 49037 UTAH/SAN JUAN	
Station Type: /TYPA/AMBNT/SPRING		STORET Station ID(s): CANY_NURE_12 /1041275	
RMI-Indexes:		Within Park Boundary: Yes	
RMI-Miles:			
HUC: 14030005	Depth of Water: 0	Aquifer:	
Major Basin: COLORADO RIVER	Elevation: 0	Water Body Id:	
Minor Basin: UPPER COLORADO RIVER		ECO Region:	
RF1 Index: 14030005	RF1 Mile Point: 0.000	Distance from RF1: 0.80	On/Off RF1:
RF3 Index: 14070004002901.17	RF3 Mile Point: 2.36	Distance from RF3: 0.11	On/Off RF3:

Description:
THE STATION IS LOCATED ON THE DRUID ARCH UTAH 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT A SPRING AND IS INSIDE OF THE CANYONLANDS NATIONAL PARK. EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO ONE WITH REAGENT-GRADE NITRIC ACID. 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 STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "LASLID" ENTRY (LOS ALAMOS SCIENTIFIC LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY LISA DUMMER; NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: CANY0081

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/18/78-08/18/78	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/18/78-08/18/78	1	770.	770.	770.	770.	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	08/18/78-08/18/78	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	08/18/78-08/18/78	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/18/78-08/18/78	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS CA)	08/18/78-08/18/78	1	59.5	59.5	59.5	59.5	0.	0.	**	**	**	**
01030 CHROMIUM, DISSOLVED (UG/L AS CR)	08/18/78-08/18/78	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01035 COBALT, DISSOLVED (UG/L AS CO)	08/18/78-08/18/78	1	187.	187.	187.	187.	0.	0.	**	**	**	**
01040 COPPER, DISSOLVED (UG/L AS CU)	08/18/78-08/18/78	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01046 IRON, DISSOLVED (UG/L AS FE)	08/18/78-08/18/78	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: CANY0081

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
							Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	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									
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									

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

Station Inventory for Station: CANY0082

NPS Station ID: CANY0082 Location: (D-31-19)38DA-S1 ECHO SPRING Station Type: /TYPA/AMBNT/SPRING RMI-Indexes: RMI-Miles: HUC: 14030005 Major Basin: COLORADO RIVER Minor Basin: UPPER COLORADO RIVER RF1 Index: 14030005 RF3 Index: 14070004002901.17 Description: The station is located on the Druid Arch Utah 7.5 minute series (topographic) quadrangle. The site is a seep at the side of a stream channel in Canyonlands National Park. The seep emerges at the base of a rock outcrop with 3 pools below. Local precipitation appears to feed this ephemeral seep. The lack of riparian vegetation appears to confirm this observation. Formation: Cedar Mesa. Substrate: Sand over bedrock. The data are from the report "Water Resources Descriptions and Data Base Canyonlands National Park Needles District and Adjacent BLM Lands" prepared by Ecosystems Research Institute (October 1984). For information on Canyonlands National Park; contact the Chief of Resources at Canyonlands National Park; 2282 S. West Resource Blvd.; Moab UT 84532 (Tel. 801-259-7164). Data were processed and uploaded to STORET by Lisa Dummer; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).	LAT/LON: 38.115670/-109.819199 Depth of Water: 0 Elevation: 0 RF1 Mile Point: 0.000 RF3 Mile Point: 2.36	Agency: 11NPSWRD FIPS State/County: 49037 UTAH/SAN JUAN STORET Station ID(s): CANY_ERI_BS1 /(D-31-19)3BD Within Park Boundary: Yes Aquifer: Water Body Id: ECO Region: Distance from RF1: 0.80 Distance from RF3: 0.11
		Date Created: 08/21/99 On/Off RF1: On/Off RF3:

Parameter Inventory for Station: CANY0082

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/01/84-05/01/84	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	05/01/84-05/01/84	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00094 SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	05/01/84-05/01/84	1	500.	500.	500.	500.	0.	0.	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	05/01/84-05/01/84	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00406 PH, FIELD, STANDARD UNITS SU	05/01/84-05/01/84	1	8.21	8.21	8.21	8.21	0.	0.	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS	05/01/84-05/01/84	1	8.21	8.21	8.21	8.21	0.	0.	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/01/84-05/01/84	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: CANY0082

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	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: CANY0083

NPS Station ID: CANY0083
 Location: ECHO SPRING
 Station Type: /TYP/AMBNT/SPRING
 RMI-Indexes:
 RMI-Miles:
 HUC: 14030005
 Major Basin: COLORADO RIVER
 Minor Basin: UPPER COLORADO RIVER
 RF1 Index: 14030005
 RF3 Index: 14070004002901.17

LAT/LON: 38.115753/-109.818837

Depth of Water: 0
 Elevation: 0

RF1 Mile Point: 0.000
 RF3 Mile Point: 2.36

Agency: 11NPSWRD
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): CANY_NPS_36
 Within Park Boundary: Yes

Date Created: 08/02/99

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.80
 Distance from RF3: 0.11

On/Off RF1:
 On/Off RF3:

Description:
 THE STATION IS LOCATED ON THE DRUID ARCH UTAH 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT ECHO SPRING INSIDE THE CANYONLANDS NATIONAL PARK. THE DATA ARE FROM THE REPORT "GROUND WATER RESOURCES IN THE PART OF CANYONLANDS NATIONAL PARK EAST OF THE COLORADO RIVER AND CONTIGUOUS BUREAU OF LAND MANAGEMENT LANDS; UTAH" BY H.R. RICHTER, JR. (APRIL 1980). THE PURPOSE OF THE REPORT IS "TO (1) DESCRIBE THE OCCURRENCE AND CIRCULATION OF GROUND WATER AND (2) IDENTIFY POTENTIALLY DEVELOPABLE GROUND WATER SUPPLIES." FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT CANYONLANDS NATIONAL PARK; 2282 S. WEST RESOURCE BLVD.; MOAB UT 84532 (TEL. 801-259-7164). DATA WERE PROCESSED AND UPLOADED TO STORET BY LISA DUMMER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: CANY0083

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/05/78-08/05/78	1	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/05/78-08/05/78	1	440.	440.	440.	440.	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	08/05/78-08/05/78	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	08/05/78-08/05/78	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/05/78-08/05/78	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
00440 BICARBONATE ION (MG/L AS HCO3)	08/05/78-08/05/78	1	290.	290.	290.	290.	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	08/05/78-08/05/78	1	145.	145.	145.	145.	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	08/05/78-08/05/78	1	75.	75.	75.	75.	0.	0.	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	08/05/78-08/05/78	1	8.8	8.8	8.8	8.8	0.	0.	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	08/05/78-08/05/78	1	5.1	5.1	5.1	5.1	0.	0.	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	08/05/78-08/05/78	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	08/05/78-08/05/78	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00946 SULFATE, DISSOLVED (MG/L AS SO4)	08/05/78-08/05/78	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	08/05/78-08/05/78	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SiO2)	08/05/78-08/05/78	1	6.3	6.3	6.3	6.3	0.	0.	**	**	**	**
70300 RESIDUE, TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/05/78-08/05/78	1	248.	248.	248.	248.	0.	0.	**	**	**	**
71851 NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/05/78-08/05/78	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: CANY0083

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
							Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	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									
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									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: CANY0084

NPS Station ID: CANY0084
 Location: (D-31-19) 3BDA-S1
 Station Type: /TYPA/AMBNT/SPRING
 RMI-Indexes:
 RMI-Miles:
 HUC: 14030005
 Major Basin:
 Minor Basin:
 RF1 Index: 14030005
 RF3 Index: 14070001002609.98
 Description:

LAT/LON: 38.116115/-109.818615

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 12.53

Agency: 112WRD
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): 380658109490701
 Within Park Boundary: Yes

Date Created: 12/19/81

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 2.80
 Distance from RF3: 0.22

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: CANY0084

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/02/70-12/02/70	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/02/70-12/02/70	1	450.	450.	450.	450.	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	12/02/70-12/02/70	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	12/02/70-12/02/70	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/02/70-12/02/70	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
00405 CARBON DIOXIDE (MG/L AS CO2)	12/02/70-12/02/70	1	3.6	3.6	3.6	3.6	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	12/02/70-12/02/70	1	231.	231.	231.	231.	0.	0.	**	**	**	**
00440 BICARBONATE ION (MG/L AS HCO3)	12/02/70-12/02/70	1	282.	282.	282.	282.	0.	0.	**	**	**	**
00618 NITRATE NITROGEN, DISSOLVED (MG/L AS N)	12/02/70-12/02/70	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	12/02/70-12/02/70	1	139.	139.	139.	139.	0.	0.	**	**	**	**
00902 HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	12/02/70-12/02/70	1	220.	220.	220.	220.	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	12/02/70-12/02/70	1	73.	73.	73.	73.	0.	0.	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS Mg)	12/02/70-12/02/70	1	9.4	9.4	9.4	9.4	0.	0.	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	12/02/70-12/02/70	1	4.9	4.9	4.9	4.9	0.	0.	**	**	**	**
00931 SODIUM ADSORPTION RATIO	12/02/70-12/02/70	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00932 SODIUM, PERCENT	12/02/70-12/02/70	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	12/02/70-12/02/70	1	1.9	1.9	1.9	1.9	0.	0.	**	**	**	**
00940 CHLORIDE, TOTAL IN WATER MG/L	12/02/70-12/02/70	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	12/02/70-12/02/70	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	12/02/70-12/02/70	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SiO2)	12/02/70-12/02/70	1	6.	6.	6.	6.	0.	0.	**	**	**	**
70300 RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	12/02/70-12/02/70	1	250.	250.	250.	250.	0.	0.	**	**	**	**
70301 SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	12/02/70-12/02/70	1	250.	250.	250.	250.	0.	0.	**	**	**	**
71851 NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	12/02/70-12/02/70	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0084

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
00400 PH	Fresh Chronic	9.	1	0	0.00	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
	Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
	Drinking Water	10.	1	0	0.00				1	0	0.00						
00618 NITRATE NITROGEN, DISSOLVED AS N	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

EPA Water Quality Criteria Analysis for Station: CANY0084

Parameter	Std. Type	Std. Value	Total		Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
			Obs	Exceed Standard		Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00945 SULFATE, TOTAL (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						
71851 NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00				1	0	0.00						

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

Station Inventory for Station: CANY0085

NPS Station ID: CANY0085
 Location: (D-31-20)6BA
 Station Type: /TYP/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 14030005
 Major Basin: COLORADO RIVER
 Minor Basin: UPPER COLORADO RIVER
 RF1 Index: 14030005
 RF3 Index: 14070004002901.17

LAT/LON: 38.117643/-109.763837

Depth of Water: 0
 Elevation: 0

RF1 Mile Point: 0.000
 RF3 Mile Point: 2.36

Agency: 11NPSWRD
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): CANY_ERI_SC15
 Within Park Boundary: Yes

Date Created: 08/21/99

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.80
 Distance from RF3: 0.11

On/Off RF1:
 On/Off RF3:

Description:
 The station is located on the Druid Arch Utah 7.5 minute series (topographic) quadrangle. The site is a rise in Canyonlands National Park. The flow was too small to measure. The water appeared to be seasonal and mostly from runoff. Presence of vegetation indicates ground water source. This source was previously classified as a spring. Source Type: Rise. Formation: Alluvium. Position: Stream channel. Substrate: Sand/silt. The data are from the report "Water Resources Descriptions and Data Base Canyonlands National Park Needles District and Adjacent BLM Lands" prepared by Ecosystems Research Institute (October 1984). For information on Canyonlands National Park; contact the Chief of Resources at Canyonlands National Park; 2282 S. West Resource Blvd.; Moab UT 84532 (Tel. 801-259-7164). Data were processed and uploaded to STORET by Lisa Dummer; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: CANY0085

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/26/84-04/26/84	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00094 SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	04/26/84-04/26/84	1	546.	546.	546.	546.	0.	0.	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	04/26/84-04/26/84	1	8.6	8.6	8.6	8.6	0.	0.	**	**	**	**
00406 PH, FIELD, STANDARD UNITS SU	04/26/84-04/26/84	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS	04/26/84-04/26/84	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/26/84-04/26/84	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: CANY0085

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	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: CANY0086

NPS Station ID: CANY0086
 Location: PAUL BUNYUN SPRING
 Station Type: /TYPA/AMBNT/SPRING
 RMI-Indexes:
 RMI-Miles:
 HUC: 14030005
 Major Basin: COLORADO RIVER
 Minor Basin: UPPER COLORADO RIVER
 RF1 Index: 14030005
 RF3 Index: 14070004002901.17

LAT/LON: 38.118198/-109.725504

Depth of Water: 0
 Elevation: 0

RF1 Mile Point: 0.000
 RF3 Mile Point: 2.36

Agency: 11NPSWRD
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): CANY_NPS_38
 Within Park Boundary: Yes

Date Created: 08/02/99

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.80
 Distance from RF3: 0.11

On/Off RF1:
 On/Off RF3:

Description:
 THE STATION IS LOCATED ON THE SOUTH SIX-SHOOTER PEAK UTAH 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT PAUL BUNYUN SPRING INSIDE THE CANYONLANDS NATIONAL PARK. THE DATA ARE FROM THE REPORT "GROUND WATER RESOURCES IN THE PART OF CANYONLANDS NATIONAL PARK EAST OF THE COLORADO RIVER AND CONTIGUOUS BUREAU OF LAND MANAGEMENT LANDS, UTAH" BY H.R. RICHTER, JR. (APRIL 1980). THE PURPOSE OF THE REPORT IS "TO (1) DESCRIBE THE OCCURRENCE AND CIRCULATION OF GROUND WATER AND (2) IDENTIFY POTENTIALLY DEVELOPABLE GROUND WATER SUPPLIES." FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT CANYONLANDS NATIONAL PARK; 2282 S. WEST RESOURCE BLVD.; MOAB UT 84532 (TEL. 801-259-7164). DATA WERE PROCESSED AND UPLOADED TO STORET BY LISA DUMMER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: CANY0086

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/15/78-06/15/78	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00058 FLOW, RATE GALLONS/MIN	06/15/78-06/15/78	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/15/78-06/15/78	1	297.	297.	297.	297.	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	06/15/78-06/15/78	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	06/15/78-06/15/78	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/15/78-06/15/78	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00440 BICARBONATE ION (MG/L AS HCO3)	06/15/78-06/15/78	1	130.	130.	130.	130.	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	06/15/78-06/15/78	1	110.	110.	110.	110.	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	06/15/78-06/15/78	1	27.	27.	27.	27.	0.	0.	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	06/15/78-06/15/78	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	06/15/78-06/15/78	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	06/15/78-06/15/78	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	06/15/78-06/15/78	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00946 SULFATE, DISSOLVED (MG/L AS SO4)	06/15/78-06/15/78	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	06/15/78-06/15/78	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SiO2)	06/15/78-06/15/78	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
70300 RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	06/15/78-06/15/78	1	164.	164.	164.	164.	0.	0.	**	**	**	**
71851 NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/15/78-06/15/78	1	1.9	1.9	1.9	1.9	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0086

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
							Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	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
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
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: CANY0087

NPS Station ID: CANY0087 Location: COLO R AT Y AND CROSS CANYON Station Type: /TYPA/AMBNT/STREAM RMI-Indexes: RMI-Miles: HUC: 14070001 Major Basin: COLORADO RIVER Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER RF1 Index: 14070001 RF3 Index: 14070004002901.17 Description: THE STATION IS LOCATED ON THE CROSS CANYON UTAH 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. COLORADO RIVER AT Y AND CROSS CANYON IS LOCATED INSIDE THE CANYONLANDS NATIONAL PARK BOUNDARY. THE SAMPLES WERE COLLECTED AND ANALYZED BY NATIONAL PARK SERVICE PERSONNEL. MONITORING OF SPRINGS BEGAN IN RESPONSE TO A PROPOSED SITING OF A NUCLEAR WASTE REPOSITORY NEAR THE PARK AS STATED BY B. LONG AND R. SMITH IN THE REPORT "WATER QUALITY DATA ANALYSIS AND INTERPRETATION FOR SPRING MONITORING SITES SOUTHEAST UTAH GROUP" (AUGUST 1996). THE INITIAL MONITORING OBJECTIVES WERE TO ESTABLISH A BASELINE DATABASE; DETECT POTENTIAL CHANGES; AND IDENTIFY AREAS OF CONCERN. THE LATITUDE AND LONGITUDE WAS DETERMINED BY CANY PERSONNEL. DATA WERE PROCESSED AND UPLOADED TO STORET BY LISA DUMMER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).	LAT/LON: 38.120837/-109.958338 Depth of Water: 0 Elevation: 0 RF1 Mile Point: 0.000 RF3 Mile Point: 2.36	Agency: 11NPSWRD FIPS State/County: 49037 UTAH/SAN JUAN STORET Station ID(s): CANY_NPS_CRCC Within Park Boundary: Yes Aquifer: Water Body Id: ECO Region: Distance from RF1: 0.80 Distance from RF3: 0.11
		Date Created: 05/22/99 On/Off RF1: On/Off RF3:

Parameter Inventory for Station: CANY0087

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/11/85-04/07/88	5	13.7	18.04	26.	12.7	46.653	6.83	**	**	**	**
00059 FLOW, RATE, INSTANTANEOUS GALLONS/MIN	04/09/86-04/09/86	1	12015000.	12015000.	12015000.	12015000.	0.	0.	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	04/09/86-04/09/86	1	26700.	26700.	26700.	26700.	0.	0.	**	**	**	**
00094 SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	04/24/85-04/07/88	6	837.	824.	1033.	588.	37241.6	192.981	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	04/24/85-04/07/88	6	8.6	7.983	9.9	5.	3.262	1.806	**	**	**	**
00400 PH (STANDARD UNITS)	04/24/85-04/07/88	6	7.6	7.55	8.4	6.8	0.495	0.704	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	04/24/85-04/07/88	6	7.437	7.174	8.4	6.8	0.665	0.815	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/24/85-04/07/88	6	0.037	0.067	0.158	0.004	0.005	0.074	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	04/24/85-04/07/88	4	147.	155.5	188.	140.	513.	22.65	**	**	**	**
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	04/24/85-07/14/87	3	0.77	0.54	0.8	0.05	0.18	0.425	**	**	**	**
00655 PHOSPHATE, POLY (MG/L AS PO4)	04/24/85-04/07/88	4	2.5	2.888	6.5	0.05	7.374	2.716	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	04/24/85-04/07/88	4	321.	308.75	393.	200.	6702.25	81.867	**	**	**	**
00940 CHLORIDE, TOTAL IN WATER MG/L	07/14/87-04/07/88	2	136.5	136.5	182.	91.	4140.5	64.347	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	04/24/85-04/07/88	4	82.5	74.75	90.	44.	436.917	20.903	**	**	**	**
01042 COPPER, TOTAL (UG/L AS CU)	04/24/85-04/07/88	4	210.	247.5	520.	50.	41091.667	202.711	**	**	**	**
01045 IRON, TOTAL (UG/L AS FE)	04/24/85-04/07/88	4	340.	397.5	700.	210.	46825.	216.391	**	**	**	**
01055 MANGANESE, TOTAL (UG/L AS MN)	04/24/85-04/07/88	3	430.	520.	1080.	50.	271300.	520.865	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0087

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	6	0	0.00							4	0	0.00	2	0	0.00
00400 PH	Fresh Chronic	9.	6	0	0.00							4	0	0.00	2	0	0.00
	Other-Lo Lim.	6.5	6	0	0.00							4	0	0.00	2	0	0.00
00620 NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	3	0	0.00							1	0	0.00	2	0	0.00
00940 CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	2	0	0.00							1	0	0.00	1	0	0.00
	Drinking Water	250.	2	0	0.00							1	0	0.00	1	0	0.00
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	250.	4	0	0.00							2	0	0.00	2	0	0.00
01042 COPPER, TOTAL	Fresh Acute	18.	3 &	3	1.00							1	1	1.00	2	2	1.00
	Drinking Water	1300.	4	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: CANY0088

NPS Station ID: CANY0088
 Location: (D-30-1/2-20)32
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 14030005
 Major Basin: COLORADO RIVER
 Minor Basin: UPPER COLORADO RIVER
 RF1 Index: 14030005
 RF3 Index: 14070004002901.17
 Description:

LAT/LON: 38.123865/-109.747782

Depth of Water: 0
 Elevation: 0

RF1 Mile Point: 0.000
 RF3 Mile Point: 2.36

Agency: 11NPSWRD
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): CANY_ERI_HC2
 Within Park Boundary: Yes

Date Created: 08/21/99

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.80
 Distance from RF3: 0.11

On/Off RF1:
 On/Off RF3:

The station is located on the South Six-shooter Peak Utah 7.5 minute series (topographic) quadrangle. The site is a rise approximately 130 meters long at the confluence of Horse Canyon with Salt Creek in Canyonlands National Park. Riparian vegetation consisted of Salix spp. Bacteriological samples were held longer than 30 hours. Flow measured in 90 degree triangular weir. Source Type: Rise. Formation: Alluvium. Position: Stream channel. Substrate: Sand/gravel. The data are from the report "Water Resources Descriptions and Data Base Canyonlands National Park Needles District and Adjacent BLM Lands" prepared by Ecosystems Research Institute (October 1984). For information on Canyonlands National Park; contact the Chief of Resources at Canyonlands National Park; 2282 S. West Resource Blvd.; Moab UT 84532 (Tel. 801-259-7164). Data were processed and uploaded to STORET by Lisa Dummer; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: CANY0088

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/26/84-04/26/84	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	04/26/84-04/26/84	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
00094 SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	04/26/84-04/26/84	1	1172.	1172.	1172.	1172.	0.	0.	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	04/26/84-04/26/84	1	9.7	9.7	9.7	9.7	0.	0.	**	**	**	**
00406 PH, FIELD, STANDARD UNITS SU	04/26/84-04/26/84	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS	04/26/84-04/26/84	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/26/84-04/26/84	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	04/26/84-04/26/84	1	437.	437.	437.	437.	0.	0.	**	**	**	**
00515 RESIDUE, TOTAL FILTRABLE (DRIED AT 105C), MG/L	04/26/84-04/26/84	1	27.	27.	27.	27.	0.	0.	**	**	**	**
00600 NITROGEN, TOTAL (MG/L AS N)	04/26/84-04/26/84	1	0.34	0.34	0.34	0.34	0.	0.	**	**	**	**
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/26/84-04/26/84	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00615 NITRITE NITROGEN, TOTAL (MG/L AS N)	04/26/84-04/26/84	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	04/26/84-04/26/84	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00665 PHOSPHORUS, TOTAL (MG/L AS P)	04/26/84-04/26/84	1	0.067	0.067	0.067	0.067	0.	0.	**	**	**	**
00680 CARBON, TOTAL ORGANIC (MG/L AS C)	04/26/84-04/26/84	1	4.9	4.9	4.9	4.9	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	04/26/84-04/26/84	1	479.	479.	479.	479.	0.	0.	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	04/26/84-04/26/84	1	84.	84.	84.	84.	0.	0.	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	04/26/84-04/26/84	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00946 SULFATE, DISSOLVED (MG/L AS SO4)	04/26/84-04/26/84	1	126.	126.	126.	126.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: CANY0088

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01516	ALPHA, SUSPEND GROSS, AS URANIUM NATURAL, PC/L	04/26/84-04/26/84	1	2.	2.	2.	2.	0.	0.	**	**	**	**
03516	BETA, SUSPENDED GROSS, AS CS-137, PC/L	04/26/84-04/26/84	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
31501	COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/26/84-04/26/84	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,	04/26/84-04/26/84	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/26/84-04/26/84	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/26/84-04/26/84	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.								
50786	ORTHOPHOSPHATE AS P, WATER MG/L	04/26/84-04/26/84	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/26/84-04/26/84	1	639.	639.	639.	639.	0.	0.	**	**	**	**
70953	CHLOROPHYLL-A,PHYTOPLANKTON UG/L,CHROMO-FLUORO	04/26/84-04/26/84	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: CANY0088

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	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			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	0	0.00						1	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00						1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00						1	0	0.00			
		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			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	0	0.00						1	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1	0	0.00						1	0	0.00			

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

Station Inventory for Station: CANY0089

NPS Station ID: CANY0089 Location: (D-30-1/2-19)34CAC-S1 HANGOVER SPRING Station Type: /TYPA/AMBNT/SPRING RMI-Indexes: RMI-Miles: HUC: 14030005 Major Basin: COLORADO RIVER Minor Basin: UPPER COLORADO RIVER RF1 Index: 14030005 RF3 Index: 14070004002901.17 Description: The station is located on the Druid Arch Utah 7.5 minute series (topographic) quadrangle. The site is at Hangover (or Hannover) spring in Canyonlands National Park. Water flows from a distinct stratum about 1.5 feet thick. The site is located about 300 meters south of northern trail to Chesler Park. Pool about 25 feet in diameter and 10 feet deep. Formation: Cedar Mesa. Substrate: Sand. The data are from the report "Water Resources Descriptions and Data Base Canyonlands National Park Needles District and Adjacent BLM Lands" prepared by Ecosystems Research Institute (October 1984). For information on Canyonlands National Park; contact the Chief of Resources at Canyonlands National Park; 2282 S. West Resource Blvd.; Moab UT 84532 (Tel. 801-259-7164). Data were processed and uploaded to STORET by Lisa Dummer; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).	LAT/LON: 38.124365/-109.821449 Depth of Water: 0 Elevation: 0 RF1 Mile Point: 0.000 RF3 Mile Point: 2.36	Agency: 11NPSWRD FIPS State/County: 49037 UTAH/SAN JUAN STORET Station ID(s): CANY_ERI_BS2 Within Park Boundary: Yes Aquifer: Water Body Id: ECO Region: Distance from RF1: 0.80 Distance from RF3: 0.11

Date Created: 08/21/99

 On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: CANY0089

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/01/84-05/01/84	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00094 SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	05/01/84-05/01/84	1	340.	340.	340.	340.	0.	0.	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	05/01/84-05/01/84	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00406 PH, FIELD, STANDARD UNITS SU	05/01/84-05/01/84	1	8.19	8.19	8.19	8.19	0.	0.	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS	05/01/84-05/01/84	1	8.19	8.19	8.19	8.19	0.	0.	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/01/84-05/01/84	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: CANY0089

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00	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: CANY0090

NPS Station ID: CANY0090
 Location: T(D-30-19)34CAC-S1
 Station Type: /TYPA/AMBNT/SPRING
 RMI-Indexes:
 RMI-Miles:
 HUC: 14030005
 Major Basin:
 Minor Basin:
 RF1 Index: 14030005
 RF3 Index: 14030005059400.00
 Description:

LAT/LON: 38.124448/-109.824449

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 0.00

Agency: 112WRD
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): 380728109492801
 Within Park Boundary: Yes

Date Created: 02/28/78

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.00

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: CANY0090

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/09/68-10/09/68	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/09/68-10/09/68	1	101.	101.	101.	101.	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	10/09/68-10/09/68	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	10/09/68-10/09/68	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/09/68-10/09/68	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	10/09/68-10/09/68	1	49.	49.	49.	49.	0.	0.	**	**	**	**
00440 BICARBONATE ION (MG/L AS HCO3)	10/09/68-10/09/68	1	60.	60.	60.	60.	0.	0.	**	**	**	**
00445 CARBONATE ION (MG/L AS CO3)	10/09/68-10/09/68	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	10/09/68-10/09/68	1	56.	56.	56.	56.	0.	0.	**	**	**	**
00902 HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	10/09/68-10/09/68	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	10/09/68-10/09/68	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS Mg)	10/09/68-10/09/68	1	2.9	2.9	2.9	2.9	0.	0.	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	10/09/68-10/09/68	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00931 SODIUM ADSORPTION RATIO	10/09/68-10/09/68	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	10/09/68-10/09/68	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00940 CHLORIDE, TOTAL IN WATER MG/L	10/09/68-10/09/68	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	10/09/68-10/09/68	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	10/09/68-10/09/68	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SiO2)	10/09/68-10/09/68	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
01000 ARSENIC, DISSOLVED (UG/L AS AS)	10/09/68-10/09/68	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01020 BORON, DISSOLVED (UG/L AS B)	10/09/68-10/09/68	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01040 COPPER, DISSOLVED (UG/L AS Cu)	10/09/68-10/09/68	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01046 IRON, DISSOLVED (UG/L AS Fe)	10/09/68-10/09/68	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01145 SELENIUM, DISSOLVED (UG/L AS Se)	10/09/68-10/09/68	1	0.	0.	0.	0.	0.	0.	**	**	**	**
70300 RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	10/09/68-10/09/68	1	54.	54.	54.	54.	0.	0.	**	**	**	**
70301 SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/09/68-10/09/68	1	61.	61.	61.	61.	0.	0.	**	**	**	**
71851 NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/09/68-10/09/68	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
71885 IRON (UG/L AS Fe)	10/09/68-10/09/68	1	40.	40.	40.	40.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0090

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	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									
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									
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									
01145	SELENIUM, DISSOLVED																
	Fresh Acute	20.	1	0	0.00	1	0	0.00									
	Drinking Water	50.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)																
	Drinking Water	44.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: CANY0091

NPS Station ID: CANY0091
 Location: 2.4 MILE LOOP SPRING BS-2
 Station Type: /TYPA/AMBNT/SPRING
 RMI-Indexes:
 RMI-Miles:
 HUC: 14030005
 Major Basin:
 Minor Basin:
 RF1 Index:
 RF3 Index: 14030005059001.86

LAT/LON: 38.124667/-109.821667

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 14.66

Agency: 21UTAH
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): 599502
 Within Park Boundary: Yes

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 24.70
 Distance from RF3: 0.03

On/Off RF1:
 On/Off RF3:

Description:
 WATER QUALITY STATION IS LOCATED IN CANYONLANDS NP. THIS PARK IS MANAGED BY THE NATIONAL PARK SERVICE'S SOUTHEAST UTAH GROUP.
 WATER SAMPLES WERE COLLECTED BY CANYONLANDS NATIONAL PARK NATURAL RES. MANAGEMENT STAFF (125 W. 200 S.; MOAB UT 84532; TELEPHONE:
 435-259-3911); ANALYZED BY THE UTAH DEPARTMENT OF HEALTH LABORATORY AND UPLOADED INTO STORET BY THE UTAH DEPARTMENT OF
 ENV QUALITY - DIVISION OF WATER QUALITY. DATA COLLECTED AT THE SAME LOCATION PRIOR TO 9/23/1990 CAN BE FOUND AT STATION
 CANY_NPS_599502.

Parameter Inventory for Station: CANY0091

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/23/90-12/09/99	19	12.94	13.91	29.27	5.1	34.957	5.912	5.5	10.88	16.9	21.3
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/23/91-12/09/99	17	17.5	18.853	35.	0.	59.211	7.695	6.	15.75	23.75	26.6
00058 FLOW, RATE GALLONS/MIN	05/03/98-08/17/99	4 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	04/24/93-08/14/98	5 ##	0.5	0.32	0.5	0.05	0.061	0.246	**	**	**	**
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/23/90-12/09/99	20	0.747	2.757	20.	0.168	25.147	5.015	0.185	0.31	3.625	12.103
00094 SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/23/90-12/09/99	19	507.	478.789	669.	173.	15786.953	125.646	263.	421.	558.	618.
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/23/90-12/09/99	20	490.	456.5	635.	111.	18277.	135.192	195.2	397.25	545.25	604.4
00191 HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	09/23/90-12/09/99	20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00300 OXYGEN, DISSOLVED MG/L	09/23/90-12/09/99	17	4.1	4.741	13.2	2.3	7.747	2.783	2.3	2.91	5.8	9.76
00400 PH (STANDARD UNITS)	09/23/90-12/09/99	20	7.865	7.888	8.4	7.3	0.08	0.282	7.506	7.7	8.143	8.236
00400 CONVERTED PH (STANDARD UNITS)	09/23/90-12/09/99	20	7.865	7.8	8.4	7.3	0.088	0.296	7.506	7.7	8.142	8.236
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/23/90-12/09/99	20	0.014	0.016	0.05	0.004	0.	0.011	0.006	0.007	0.02	0.031
00405 CARBON DIOXIDE (MG/L AS CO2)	09/23/90-12/09/99	20	5.	5.8	18.	1.	15.642	3.955	2.	3.	7.75	10.9
00406 PH, FIELD, STANDARD UNITS SU	09/23/90-12/09/99	19	7.4	7.354	7.97	6.2	0.145	0.381	6.99	7.1	7.6	7.8
00406 CONVERTED PH, FIELD, STANDARD UNITS	09/23/90-12/09/99	19	7.4	7.118	7.97	6.2	0.204	0.451	6.99	7.1	7.6	7.8
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/23/90-12/09/99	19	0.04	0.076	0.631	0.011	0.019	0.137	0.016	0.025	0.079	0.102
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	09/23/90-12/09/99	20	231.	211.35	275.	42.	3769.924	61.4	93.4	187.25	253.25	266.9
00440 BICARBONATE ION (MG/L AS HCO3)	09/23/90-12/09/99	20	282.	257.8	336.	51.	5632.8	75.052	113.6	228.5	309.	325.8
00445 CARBONATE ION (MG/L AS CO3)	09/23/90-12/09/99	20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/23/91-12/09/99	19	0.	8.337	43.	0.	159.498	12.629	0.	0.	19.	31.
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/23/90-05/07/99	18 ##	0.025	0.059	0.265	0.025	0.006	0.075	0.025	0.025	0.032	0.216
00613 NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/23/90-09/23/90	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00618 NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/23/90-09/23/90	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/23/90-04/27/97	11	0.25	0.515	1.43	0.05	0.221	0.47	0.06	0.16	0.8	1.39
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/24/93-12/09/99	4	0.11	0.208	0.6	0.01	0.071	0.266	**	**	**	**
00631 NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/23/91-05/07/99	15	0.05	0.165	1.27	0.01	0.12	0.347	0.01	0.013	0.087	0.911

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

Parameter Inventory for Station: CANY0091

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/23/90-12/09/99	19 ##	0.01	0.017	0.048	0.005	0.	0.013	0.005	0.008	0.03	0.04
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	09/23/90-05/07/99	14 ##	0.01	0.013	0.06	0.005	0.	0.015	0.005	0.005	0.013	0.042
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	09/23/90-12/09/99	20	222.4	208.05	271.8	44.	3403.763	58.342	97.03	187.8	246.675	270.78
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	09/23/90-12/09/99	20	64.4	60.565	80.8	14.	293.92	17.144	33.3	53.5	73.725	75.57
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/23/90-12/09/99	20	14.75	13.84	21.3	2.	32.231	5.677	2.53	11.2	18.5	20.9
00930	SODIUM, DISSOLVED (MG/L AS Na)	09/23/90-12/09/99	20	17.7	17.815	36.	2.	86.448	9.298	3.01	12.25	25.3	30.63
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/23/90-12/09/99	20	2.54	2.672	4.	1.5	0.547	0.74	1.64	2.15	3.13	3.987
00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/23/91-12/09/99	19	10.5	11.332	24.4	2.	30.498	5.522	3.4	7.5	15.	17.8
00946	SULFATE, DISSOLVED (MG/L AS SO4)	09/23/90-12/09/99	20	22.25	24.631	51.8	5.	172.451	13.132	5.26	15.393	35.716	44.769
01000	ARSENIC, DISSOLVED (UG/L AS AS)	05/07/96-12/09/99	11 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
01005	BARIUM, DISSOLVED (UG/L AS BA)	05/07/96-12/09/99	11	160.	151.727	189.	120.	388.818	19.718	122.	140.	160.	185.2
01025	CADMIUM, DISSOLVED (UG/L AS CD)	05/07/96-12/09/99	11 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/07/96-12/09/99	11 ##	2.5	5.291	13.	2.5	14.637	3.826	2.5	2.5	8.	12.6
01040	COPPER, DISSOLVED (UG/L AS CU)	05/07/96-12/09/99	11 ##	6.	6.	6.	6.	0.	0.	6.	6.	6.	6.
01046	IRON, DISSOLVED (UG/L AS FE)	05/07/96-12/09/99	11 ##	10.	18.227	58.4	10.	222.16	14.905	10.	10.	23.3	52.4
01049	LEAD, DISSOLVED (UG/L AS PB)	05/07/96-12/09/99	11 ##	1.5	1.5	1.5	1.5	0.	0.	1.5	1.5	1.5	1.5
01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/07/96-12/09/99	11	19.	22.845	56.	2.5	344.301	18.555	3.02	8.2	37.	55.
01075	SILVER, DISSOLVED (UG/L AS AG)	05/07/96-12/09/99	11 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
01090	ZINC, DISSOLVED (UG/L AS ZN)	05/07/96-12/09/99	11 ##	15.	15.	15.	15.	0.	0.	15.	15.	15.	15.
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	05/07/96-12/09/99	11 ##	15.	24.909	82.	15.	430.891	20.758	15.	15.	33.	73.4
01145	SELENIUM, DISSOLVED (UG/L AS SE)	05/07/96-12/09/99	11 ##	0.5	1.218	3.7	0.5	1.142	1.068	0.5	0.5	2.2	3.42
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	09/23/90-04/24/93	5 ##	2.5	1.8	2.5	0.5	0.95	0.975	**	**	**	**
61027	ANIONS, SUM, TOTAL IN WATER MG/L	08/26/91-12/09/99	18	177.	172.056	223.	37.	1909.35	43.696	124.3	144.5	206.	221.2
61944	CATIONS, SUM, TOTAL IN WATER, MG/L	08/26/91-12/09/99	18	107.	99.833	126.	21.	544.147	23.327	76.8	92.5	110.25	124.2
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	09/23/90-12/09/99	20	297.	273.9	402.	72.	6945.042	83.337	114.6	233.	331.	366.2
71890	MERCURY, DISSOLVED (UG/L AS HG)	05/07/96-12/09/99	11 ##	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/23/90-04/24/93	5 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	09/23/90-04/24/93	5	0.15	0.131	0.18	0.077	0.002	0.046	**	**	**	**
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/23/90-04/24/93	5 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/23/90-04/24/93	5 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/23/90-04/24/93	5 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	09/23/90-04/24/93	5	0.054	0.105	0.26	0.01	0.01	0.101	**	**	**	**
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/23/90-04/24/93	5 ##	2.5	2.3	2.5	1.5	0.2	0.447	**	**	**	**
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/23/90-04/24/93	5	41.	109.	350.	15.	19940.5	141.211	**	**	**	**
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/23/90-04/24/93	5 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/23/91-04/24/93	4 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/23/90-04/24/93	5 ##	10.	14.4	27.	10.	54.3	7.369	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0091

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	20	0	0.00	7	0	0.00	4	0	0.00	9	0	0.00		
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	17	8	0.47	6	3	0.50	4	1	0.25	7	4	0.57		
00400	PH	Fresh Chronic	9.	20	0	0.00	7	0	0.00	4	0	0.00	9	0	0.00		
		Other-Lo Lim.	6.5	20	0	0.00	7	0	0.00	4	0	0.00	9	0	0.00		
00406	PH, FIELD	Fresh Chronic	9.	19	0	0.00	7	0	0.00	4	0	0.00	8	0	0.00		
		Other-Lo Lim.	6.5	19	1	0.05	7	0	0.00	4	0	0.00	8	1	0.13		
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1	0	0.00	1	0	0.00								
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00	1	0	0.00								
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00		
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	15	0	0.00	4	0	0.00	3	0	0.00	8	0	0.00		
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	19	0	0.00	6	0	0.00	4	0	0.00	9	0	0.00		
		Drinking Water	250.	19	0	0.00	6	0	0.00	4	0	0.00	9	0	0.00		
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	20	0	0.00	7	0	0.00	4	0	0.00	9	0	0.00		
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	11	0	0.00	3	0	0.00	4	0	0.00	4	0	0.00		
		Drinking Water	50.	11	0	0.00	3	0	0.00	4	0	0.00	4	0	0.00		
01005	BARIUM, DISSOLVED	Drinking Water	2000.	11	0	0.00	3	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

EPA Water Quality Criteria Analysis for Station: CANY0091

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
01025	CADMIUM, DISSOLVED																
	Fresh Acute	3.9	11	0	0.00	3	0	0.00	4	0	0.00	4	0	0.00			
	Drinking Water	5.	11	0	0.00	3	0	0.00	4	0	0.00	4	0	0.00			
01030	CHROMIUM, DISSOLVED	100.	11	0	0.00	3	0	0.00	4	0	0.00	4	0	0.00			
01040	COPPER, DISSOLVED	18.	11	0	0.00	3	0	0.00	4	0	0.00	4	0	0.00			
	Fresh Acute																
	Drinking Water	1300.	11	0	0.00	3	0	0.00	4	0	0.00	4	0	0.00			
01049	LEAD, DISSOLVED	82.	11	0	0.00	3	0	0.00	4	0	0.00	4	0	0.00			
	Fresh Acute																
	Drinking Water	15.	11	0	0.00	3	0	0.00	4	0	0.00	4	0	0.00			
01075	SILVER, DISSOLVED	4.1	11	0	0.00	3	0	0.00	4	0	0.00	4	0	0.00			
	Fresh Acute																
	Drinking Water	100.	11	0	0.00	3	0	0.00	4	0	0.00	4	0	0.00			
01090	ZINC, DISSOLVED	120.	11	0	0.00	3	0	0.00	4	0	0.00	4	0	0.00			
	Fresh Acute																
	Drinking Water	5000.	11	0	0.00	3	0	0.00	4	0	0.00	4	0	0.00			
01145	SELENIUM, DISSOLVED	20.	11	0	0.00	3	0	0.00	4	0	0.00	4	0	0.00			
	Fresh Acute																
	Drinking Water	50.	11	0	0.00	3	0	0.00	4	0	0.00	4	0	0.00			
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE	20.	5	0	0.00	2	0	0.00				3	0	0.00			
	Fresh Acute											3	0	0.00			
	Drinking Water	50.	5	0	0.00	2	0	0.00				3	0	0.00			
71890	MERCURY, DISSOLVED	2.4	11	0	0.00	3	0	0.00	4	0	0.00	4	0	0.00			
	Fresh Acute																
	Drinking Water	2.	11	0	0.00	3	0	0.00	4	0	0.00	4	0	0.00			
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATE	360.	5	0	0.00	2	0	0.00				3	0	0.00			
	Fresh Acute																
	Drinking Water	50.	5	0	0.00	2	0	0.00				3	0	0.00			
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER	2.	5	0	0.00	2	0	0.00				3	0	0.00			
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATE	3.9	5	0	0.00	2	0	0.00				3	0	0.00			
	Fresh Acute																
	Drinking Water	5.	5	0	0.00	2	0	0.00				3	0	0.00			
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WAT	100.	5	0	0.00	2	0	0.00				3	0	0.00			
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER	18.	5	0	0.00	2	0	0.00				3	0	0.00			
	Fresh Acute																
	Drinking Water	1300.	5	0	0.00	2	0	0.00				3	0	0.00			
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER	82.	5	0	0.00	2	0	0.00				3	0	0.00			
	Fresh Acute																
	Drinking Water	15.	5	0	0.00	2	0	0.00				3	0	0.00			
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATE	2.4	5	0	0.00	2	0	0.00				3	0	0.00			
	Fresh Acute																
	Drinking Water	2.	5	0	0.00	2	0	0.00				3	0	0.00			
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER	4.1	4	0	0.00	1	0	0.00				3	0	0.00			
	Fresh Acute																
	Drinking Water	100.	4	0	0.00	1	0	0.00				3	0	0.00			
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER	120.	5	0	0.00	2	0	0.00				3	0	0.00			
	Fresh Acute																
	Drinking Water	5000.	5	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

Seasonal Analysis for Season #1: 7/15 to 10/14 - Station CANY0091

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/23/90-05/07/99	6 ##	0.038	0.1	0.265	0.025	0.012	0.108	**	**	**	**

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

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station CANY0091

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/23/90-05/07/99	3 ##	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 box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 5/31 - Station CANY0091

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/23/90-05/07/99	9 ##	0.025	0.042	0.18	0.025	0.003	0.052	0.025	0.025	0.025	0.18

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

Station Inventory for Station: CANY0092

NPS Station ID: CANY0092 Location: 2.4 MILE LOOP SPRING Station Type: /TYPA/AMBNT/SPRING RMI-Indexes: RMI-Miles: HUC: 14030005 Major Basin: COLORADO RIVER Minor Basin: UPPER COLORADO RIVER RF1 Index: 14030005 RF3 Index: 14070004002901.17 Description: THE STATION IS LOCATED ON THE DRUID ARCH UTAH 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. 2.4 MILE LOOP POOL IS A PLUNGE SEEP AND IS LOCATED INSIDE THE CANYONLANDS NATIONAL PARK BOUNDARY. THE SAMPLES WERE COLLECTED AND ANALYZED BY NATIONAL PARK SERVICE PERSONNEL. THE MONITORING BEGAN IN RESPONSE TO A PROPOSED SITING OF A NUCLEAR WASTE REPOSITORY NEAR THE PARK AS STATED BY B. LONG AND R. SMITH IN THE REPORT "WATER QUALITY DATA ANALYSIS AND INTERPRETATION FOR SPRING MONITORING SITES SOUTHEAST UTAH GROUP" (AUGUST 1996). THE INITIAL MONITORING OBJECTIVES WERE TO ESTABLISH A BASELINE DATABASE; DETECT POTENTIAL CHANGES; AND IDENTIFY AREAS OF CONCERN. THE UTAH DEPARTMENT OF ENVIRONMENTAL QUALITY ANALYZED THE SAMPLES IN A COOPERATIVE EFFORT WITH THE PARK SERVICE BEGINNING 9/23/1990. THESE DATA CAN BE FOUND UNDER THE STATION 599502. DATA WERE PROCESSED AND UPLOADED TO STORET BY LISA DUMMER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).	LAT/LON: 38.124920/-109.821642 Depth of Water: 0 Elevation: 0 RF1 Mile Point: 0.000 RF3 Mile Point: 2.36	Agency: 11NPSWRD FIPS State/County: 49037 UTAH/SAN JUAN STORET Station ID(s): CANY_NPS_599502/BS2 /599502 Within Park Boundary: Yes Aquifer: Water Body Id: ECO Region: Distance from RF1: 0.80 Distance from RF3: 0.11
		Date Created: 05/22/99 On/Off RF1: On/Off RF3:

Parameter Inventory for Station: CANY0092

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/22/86-05/20/90	8	14.8	15.45	19.8	12.6	7.969	2.823	**	**	**	**
00090 OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	05/20/90-05/20/90	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00094 SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	05/22/86-05/20/90	8	151.5	289.	671.	116.	49937.714	223.467	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	06/08/87-05/20/90	6	6.05	5.	8.1	0.9	7.816	2.796	**	**	**	**
00400 PH (STANDARD UNITS)	05/22/86-05/20/90	8	7.	6.98	7.74	5.8	0.428	0.654	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	05/22/86-05/20/90	8	7.	6.52	7.74	5.8	0.67	0.818	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/22/86-05/20/90	8	0.1	0.302	1.585	0.018	0.284	0.533	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	05/22/86-05/20/90	8	94.5	130.938	308.	8.5	9352.888	96.71	**	**	**	**
00480 SALINITY - PARTS PER THOUSAND	05/20/90-05/20/90	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	08/10/87-05/20/90	6 ##	0.05	0.117	0.3	0.05	0.012	0.108	**	**	**	**
00655 PHOSPHATE, POLY (MG/L AS PO4)	05/22/86-05/20/90	7	0.5	0.993	2.7	0.25	0.949	0.974	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	06/08/87-05/20/90	7	89.	139.857	325.	68.	9322.476	96.553	**	**	**	**
00940 CHLORIDE, TOTAL IN WATER MG/L	06/08/87-05/20/90	7	91.	83.286	182.	30.	3169.238	56.296	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	05/22/86-05/20/90	8	8.	12.563	38.	2.5	187.031	13.676	**	**	**	**
01042 COPPER, TOTAL (UG/L AS CU)	08/10/87-05/20/90	6 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01045 IRON, TOTAL (UG/L AS FE)	08/10/87-05/20/90	6 ##	50.	101.667	210.	50.	6416.667	80.104	**	**	**	**
01055 MANGANESE, TOTAL (UG/L AS MN)	08/10/87-05/20/90	6	200.	288.333	900.	50.	93216.667	305.314	**	**	**	**
31501 COLIFORM, TOT, MEMBRANE FILTER, IMMED. M-ENDO MED, 35C	05/22/86-05/20/90	7	25.	29.286	80.	0.	1003.571	31.679	**	**	**	**
31501 LOG COLIFORM, TOT, MEMBRANE FILTER, IMMED. M-ENDO MED,	05/22/86-05/20/90	7	1.398	0.957	1.903	0.	0.823	0.907	**	**	**	**

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

Parameter Inventory for Station: CANY0092

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501 GM COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			9.057								
31616 FECAL COLIFORM, MEMBR FILTER,M-FC BROTH,44.5 C	06/08/87-05/20/90	7 ##	0.	8.571	50.	0.	347.619	18.645	**	**	**	**
31616 LOG FECAL COLIFORM, MEMBR FILTER,M-FC BROTH,44.5 C	06/08/87-05/20/90	7 ##	0.	0.386	1.699	0.	0.474	0.689	**	**	**	**
31616 GM FECAL COLIFORM, MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.43								

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

EPA Water Quality Criteria Analysis for Station: CANY0092

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	6	2	0.33	2	1	0.50				3	1	0.33	1	0	0.00
00400 PH	Fresh Chronic	9.	8	0	0.00	3	0	0.00				4	0	0.00	1	0	0.00
	Other-Lo Lim.	6.5	8	2	0.25	3	0	0.00				4	2	0.50	1	0	0.00
00620 NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	6	0	0.00	3	0	0.00				3	0	0.00			
00940 CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	7	0	0.00	3	0	0.00				3	0	0.00	1	0	0.00
	Drinking Water	250.	7	0	0.00	3	0	0.00				3	0	0.00	1	0	0.00
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	250.	8	0	0.00	3	0	0.00				4	0	0.00	1	0	0.00
01042 COPPER, TOTAL	Fresh Acute	18.	0 &	0	0.00												
	Drinking Water	1300.	6	0	0.00	3	0	0.00				3	0	0.00			
31501 COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	7	0	0.00	2	0	0.00				4	0	0.00	1	0	0.00
31616 FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	7	0	0.00	3	0	0.00				3	0	0.00	1	0	0.00

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

Station Inventory for Station: CANY0093

NPS Station ID: CANY0093	LAT/LON: 38.125000/-109.631000	Agency: 21UTAH	Date Created: / /
Location: DAVIS CANYON AT MOUTH		FIPS State/County: 49037 UTAH/SAN JUAN	
Station Type: /TYPA/AMBNT/STREAM		STORET Station ID(s): 495592	
RMI-Indexes:		Within Park Boundary: No	
RMI-Miles:			
HUC: 14030005	Depth of Water: 0	Aquifer:	
Major Basin:	Elevation: 0	Water Body Id:	
Minor Basin:		ECO Region:	
RF1 Index:	RF1 Mile Point: 0.000	Distance from RF1: 0.80	On/Off RF1:
RF3 Index: 14070004002901.17	RF3 Mile Point: 2.36	Distance from RF3: 0.11	On/Off RF3:
Description:			

Parameter Inventory for Station: CANY0093

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061 FLOW, STREAM, INSTANTANEOUS CFS	12/01/99-12/01/99	1	0.	0.	0.	0.	0.	0.	**	**	**	**

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

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

Station Inventory for Station: CANY0094

NPS Station ID: CANY0094 Location: (D-30-20)31CDD-S1 LOST CANYON SPRING Station Type: /TYPA/AMBNT/SPRING RMI-Indexes: RMI-Miles: HUC: 14030005 Major Basin: COLORADO RIVER Minor Basin: UPPER COLORADO RIVER RF1 Index: 14030005 RF3 Index: 14070004002901.17 Description: The station is located on The Loop Utah 7.5 minute series (topographic) quadrangle. The site is at Lost Canyon Spring in Canyonlands National Park. The site consists of pools and marshy channels. The spring arises from constricted area of alluvial bottom. Riparian vegetation present including Salix & Juncus spp. Source Type: Spring. Formation: Cedar Mesa/alluvium. Position: Stream channel. Substrate: Sand. The data are from the report "Water Resources Descriptions and Data Base Canyonlands National Park Needles District and Adjacent BLM Lands" prepared by Ecosystems Research Institute (October 1984). For information on Canyonlands National Park; contact the Chief of Resources at Canyonlands National Park; 2282 S. West Resource Blvd.; Moab UT 84532 (Tel. 801-259-7164). Data were processed and uploaded to STORET by Lisa Dummer; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).	LAT/LON: 38.128226/-109.771920 Depth of Water: 0 Elevation: 0 RF1 Mile Point: 0.000 RF3 Mile Point: 2.36	Agency: 11NPSWRD FIPS State/County: 49037 UTAH/SAN JUAN STORET Station ID(s): CANY_ERI_LO2 Within Park Boundary: Yes Aquifer: Water Body Id: ECO Region: Distance from RF1: 0.80 Distance from RF3: 0.11

Date Created: 08/21/99

On/Off RF1:
On/Off RF3:

Parameter Inventory for Station: CANY0094

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/05/84-05/05/84	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	05/05/84-05/05/84	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00094 SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	05/05/84-05/05/84	1	500.	500.	500.	500.	0.	0.	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	05/05/84-05/05/84	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00406 PH, FIELD, STANDARD UNITS SU	05/05/84-05/05/84	1	8.39	8.39	8.39	8.39	0.	0.	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS	05/05/84-05/05/84	1	8.39	8.39	8.39	8.39	0.	0.	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/05/84-05/05/84	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0094

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	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: CANY0095

NPS Station ID: CANY0095
 Location: (D-30-19)31CDD-S1
 Station Type: /TYPA/AMBNT/SPRING
 RMI-Indexes:
 RMI-Miles:
 HUC: 14030005
 Major Basin:
 Minor Basin:
 RF1 Index: 14030005
 RF3 Index: 14030005058500.73
 Description:

LAT/LON: 38.128337/-109.767226

Depth of Water: 0
 Elevation: 0

RF1 Mile Point: 0.000
 RF3 Mile Point: 7.03

Agency: 112WRD
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): 380742109460201
 Within Park Boundary: Yes

Date Created: 02/28/78

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.50

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: CANY0095

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/04/69-09/04/69	1	13.5	13.5	13.5	13.5	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/04/69-09/04/69	1	611.	611.	611.	611.	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	09/04/69-09/04/69	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	09/04/69-09/04/69	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/04/69-09/04/69	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	09/04/69-09/04/69	1	339.	339.	339.	339.	0.	0.	**	**	**	**
00440 BICARBONATE ION (MG/L AS HCO3)	09/04/69-09/04/69	1	414.	414.	414.	414.	0.	0.	**	**	**	**
00445 CARBONATE ION (MG/L AS CO3)	09/04/69-09/04/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	09/04/69-09/04/69	1	316.	316.	316.	316.	0.	0.	**	**	**	**
00902 HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	09/04/69-09/04/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	09/04/69-09/04/69	1	71.	71.	71.	71.	0.	0.	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS Mg)	09/04/69-09/04/69	1	34.	34.	34.	34.	0.	0.	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	09/04/69-09/04/69	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00931 SODIUM ADSORPTION RATIO	09/04/69-09/04/69	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	09/04/69-09/04/69	1	3.6	3.6	3.6	3.6	0.	0.	**	**	**	**
00940 CHLORIDE, TOTAL IN WATER MG/L	09/04/69-09/04/69	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	09/04/69-09/04/69	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	09/04/69-09/04/69	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SiO2)	09/04/69-09/04/69	1	14.	14.	14.	14.	0.	0.	**	**	**	**
01000 ARSENIC, DISSOLVED (UG/L AS AS)	09/04/69-09/04/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01020 BORON, DISSOLVED (UG/L AS B)	09/04/69-09/04/69	1	60.	60.	60.	60.	0.	0.	**	**	**	**
01040 COPPER, DISSOLVED (UG/L AS Cu)	09/04/69-09/04/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01046 IRON, DISSOLVED (UG/L AS Fe)	09/04/69-09/04/69	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01145 SELENIUM, DISSOLVED (UG/L AS Se)	09/04/69-09/04/69	1	10.	10.	10.	10.	0.	0.	**	**	**	**
22703 URANIUM, NATURAL, DISSOLVED	09/04/69-09/04/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
70300 RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	09/04/69-09/04/69	1	365.	365.	365.	365.	0.	0.	**	**	**	**
70301 SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/04/69-09/04/69	1	361.	361.	361.	361.	0.	0.	**	**	**	**
71851 NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/04/69-09/04/69	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
71885 IRON (UG/L AS Fe)	09/04/69-09/04/69	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: CANY0095

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
							Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	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									
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									
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									
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: CANY0096

NPS Station ID: CANY0096 LAT/LON: 38.133642/-110.060531

Location: ERNIES COUNTRY SPR W; 0.5 MI S OF GOLDEN STAIRS

Station Type: /TYPA/AMBNT/SPRING

RMI-Indexes:

RMI-Miles:

HUC: 14070001

Major Basin: COLORADO RIVER

Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER

RF1 Index: 14070001

RF3 Index: 14070004002901.17

Description:

THE STATION IS LOCATED ON THE ELATERITE BASIN UTAH 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. ERNIE'S COUNTRY WEST IS AN ALCOVE SEEP AND IS LOCATED INSIDE THE CANYONLANDS NATIONAL PARK BOUNDARY. THE SAMPLES WERE COLLECTED AND ANALYZED BY NATIONAL PARK SERVICE PERSONNEL. THE MONITORING BEGAN IN RESPONSE TO A PROPOSED SITING OF A NUCLEAR WASTE REPOSITORY NEAR THE PARK AS STATED BY B. LONG AND R. SMITH IN THE REPORT "WATER QUALITY DATA ANALYSIS AND INTERPRETATION FOR SPRING MONITORING SITES SOUTHEAST UTAH GROUP" (AUGUST 1996). THE INITIAL MONITORING OBJECTIVES WERE TO ESTABLISH A BASELINE DATABASE; DETECT POTENTIAL CHANGES; AND IDENTIFY AREAS OF CONCERN. THE UTAH DEPARTMENT OF ENVIRONMENTAL QUALITY ANALYZED THE SAMPLES IN A COOPERATIVE EFFORT WITH THE PARK SERVICE BEGINNING 10/23/1990. THESE DATA CAN BE FOUND UNDER THE STATION 599546. DATA WERE PROCESSED AND UPLOADED TO STORET BY LISA DUMMER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Agency: 11NPSWRD

FIPS State/County: 49017 UTAH/GARFIELD

STORET Station ID(s): CANY_NPS_599546/WA1 /599546

Within Park Boundary: Yes

Date Created: 05/22/99

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 0.80

Distance from RF3: 0.11

On/Off RF1:

On/Off RF3:

Parameter Inventory for Station: CANY0096

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/16/84-05/07/90	12	14.4	15.033	21.	11.8	10.377	3.221	11.89	12.2	16.975	20.97
00059 FLOW, RATE, INSTANTANEOUS GALLONS/MIN	10/01/85-04/25/87	2	0.035	0.035	0.04	0.03	0.	0.007	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	10/01/85-04/25/87	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00090 OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	05/07/90-05/07/90	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
00094 SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	10/16/84-05/07/90	11	306.	310.636	398.	223.	1942.455	44.073	236.2	292.	345.	388.4
00300 OXYGEN, DISSOLVED MG/L	10/16/84-05/07/90	11	9.6	10.627	22.	4.8	20.396	4.516	5.08	8.4	12.4	20.32
00400 PH (STANDARD UNITS)	10/16/84-05/07/90	12	8.45	8.294	8.9	7.3	0.313	0.559	7.315	7.9	8.775	8.9
00400 CONVERTED PH (STANDARD UNITS)	10/16/84-05/07/90	12	8.45	7.932	8.9	7.3	0.456	0.675	7.315	7.9	8.775	8.9
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/16/84-05/07/90	12	0.004	0.012	0.05	0.001	0.	0.017	0.001	0.002	0.013	0.048
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	10/16/84-10/04/89	10	155.5	161.4	274.	80.	2718.711	52.141	84.	132.75	187.25	265.4
00480 SALINITY - PARTS PER THOUSAND	05/07/90-05/07/90	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	10/16/84-05/07/90	10 ##	0.05	0.07	0.15	0.05	0.002	0.042	0.05	0.05	0.075	0.15
00655 PHOSPHATE, POLY (MG/L AS PO4)	10/16/84-05/07/90	11	1.1	4.118	20.	0.25	45.833	6.77	0.25	0.4	3.2	19.
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	10/16/84-05/07/90	10	188.	185.2	205.	160.	185.289	13.612	161.1	177.75	192.	204.9
00940 CHLORIDE, TOTAL IN WATER MG/L	10/21/87-05/07/90	6	45.5	43.	61.	23.	223.6	14.953	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	10/16/84-05/07/90	10	15.5	14.95	23.	2.5	39.358	6.274	3.05	11.	19.75	22.9
01042 COPPER, TOTAL (UG/L AS CU)	10/16/84-05/07/90	11 ##	50.	82.727	300.	50.	6281.818	79.258	50.	50.	50.	272.
01045 IRON, TOTAL (UG/L AS FE)	10/16/84-05/07/90	11 ##	50.	73.636	240.	50.	3485.455	59.038	50.	50.	50.	216.
01055 MANGANESE, TOTAL (UG/L AS MN)	10/16/84-05/07/90	11 ##	50.	384.545	2800.	50.	661327.273	813.22	50.	50.	250.	2340.

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

Parameter Inventory for Station: CANY0096

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501 COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/25/87-10/03/88	2	250.	250.	450.	50.	80000.	282.843	**	**	**	**
31501 LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	04/25/87-10/03/88	2	2.176	2.176	2.653	1.699	0.455	0.675	**	**	**	**
31501 GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			150.								
31616 FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/25/87-10/03/88	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
31616 LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/25/87-10/03/88	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
31616 GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.								

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

EPA Water Quality Criteria Analysis for Station: CANY0096

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	11	0	0.00	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400 PH	Fresh Chronic	9.	12	0	0.00	4	0	0.00	2	0	0.00	6	0	0.00			
	Other-Lo Lim.	6.5	12	0	0.00	4	0	0.00	2	0	0.00	6	0	0.00			
00620 NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	10	0	0.00	3	0	0.00	2	0	0.00	5	0	0.00			
00940 CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	6	0	0.00	2	0	0.00	1	0	0.00	3	0	0.00			
	Drinking Water	250.	6	0	0.00	2	0	0.00	1	0	0.00	3	0	0.00			
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	250.	10	0	0.00	3	0	0.00	2	0	0.00	5	0	0.00			
01042 COPPER, TOTAL	Fresh Acute	18.	2 &	2	1.00	1	1	1.00				1	1	1.00			
	Drinking Water	1300.	11	0	0.00	4	0	0.00	2	0	0.00	5	0	0.00			
31501 COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	0	0.00	1	0	0.00				1	0	0.00			
31616 FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	2	0	0.00	1	0	0.00				1	0	0.00			

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

Station Inventory for Station: CANY0097

NPS Station ID: CANY0097 LAT/LON: 38.134667/-110.037500

Location: ERNIES COUNTRY SPG E., 5 MI SE OF WHITMORE ARCH

Station Type: /TYPA/AMBNT/SPRING

RMI-Indexes:

RMI-Miles:

HUC: 14070001

Major Basin:

Minor Basin:

RF1 Index:

RF3 Index: 14070001046400.00

Description:

WATER QUALITY STATION IS LOCATED IN CANYONLANDS NP. THIS PARK IS

SAMPLES WERE COLLECTED BY CANYONLANDS NATIONAL PARK NATURAL RESOURCE

435-259-3911); ANALYZED BY THE UTAH DEPARTMENT OF HEALTH LABORATORY;

QUALITY - DIVISION OF WATER QUALITY. DATA COLLECTED AT THE SAME

Depth of Water: 0

Elevation: 0

RF1 Mile Point: 0.000

RF3 Mile Point: 1.23

Agency: 21UTAH

FIPS State/County: 49017 UTAH/GARFIELD

STORET Station ID(s): 599545

Within Park Boundary: Yes

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 0.00

Distance from RF3: 0.48

Date Created: / /

On/Off RF1:

On/Off RF3:

Parameter Inventory for Station: CANY0097

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/24/90-04/30/92	4	13.7	13.625	15.8	11.3	5.543	2.354	**	**	**	**
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/13/91-04/30/92	2	22.15	22.15	22.3	22.	0.045	0.212	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	10/22/90-10/22/90	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/24/90-04/30/92	4	0.535	0.7	1.4	0.33	0.228	0.477	**	**	**	**
00094 SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/24/90-04/30/92	4	249.	248.75	258.	239.	60.25	7.762	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/24/90-04/30/92	4	257.5	260.25	272.	254.	64.25	8.016	**	**	**	**
00191 HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	10/24/90-04/30/92	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	10/24/90-04/30/92	4	7.85	7.775	8.5	6.9	0.476	0.69	**	**	**	**
00400 PH (STANDARD UNITS)	10/24/90-04/30/92	4	7.95	7.975	8.1	7.9	0.009	0.096	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	10/24/90-04/30/92	4	7.947	7.967	8.1	7.9	0.009	0.096	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/24/90-04/30/92	4	0.011	0.011	0.013	0.008	0.	0.002	**	**	**	**
00405 CARBON DIOXIDE (MG/L AS CO2)	10/24/90-04/30/92	4	2.	2.	3.	1.	0.667	0.816	**	**	**	**
00406 PH, FIELD, STANDARD UNITS SU	10/24/90-04/30/92	4	7.9	7.275	8.3	5.	2.336	1.528	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS	10/24/90-04/30/92	4	7.9	5.601	8.3	5.	6.073	2.464	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/24/90-04/30/92	4	0.013	2.508	10.	0.005	24.95	4.995	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	10/24/90-04/30/92	4	124.5	125.5	130.	123.	11.	3.317	**	**	**	**
00440 BICARBONATE ION (MG/L AS HCO3)	10/24/90-04/30/92	4	152.5	153.5	159.	150.	16.333	4.041	**	**	**	**
00445 CARBONATE ION (MG/L AS CO3)	10/24/90-04/30/92	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/24/90-04/30/92	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/24/90-04/30/92	4 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00613 NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/24/90-10/24/90	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00618 NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/24/90-10/24/90	1	0.12	0.12	0.12	0.12	0.	0.	**	**	**	**
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/24/90-04/30/92	4	0.105	0.115	0.2	0.05	0.004	0.062	**	**	**	**
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/26/91-09/26/91	1	0.074	0.074	0.074	0.074	0.	0.	**	**	**	**
00631 NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/13/91-04/30/92	3	0.083	0.18	0.391	0.066	0.033	0.183	**	**	**	**
00665 PHOSPHORUS, TOTAL (MG/L AS P)	10/24/90-04/30/92	4 ##	0.008	0.008	0.011	0.005	0.	0.003	**	**	**	**
00666 PHOSPHORUS, DISSOLVED (MG/L AS P)	10/24/90-04/30/92	4 ##	0.006	0.008	0.014	0.005	0.	0.004	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	10/24/90-04/30/92	4	139.55	138.525	143.3	131.7	24.869	4.987	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	10/24/90-04/30/92	4	34.5	34.5	36.	33.	1.667	1.291	**	**	**	**

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

Parameter Inventory for Station: CANY0097

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/24/90-04/30/92	4	13.	12.75	13.	12.	0.25	0.5	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/24/90-04/30/92	4	2.1	2.125	2.3	2.	0.022	0.15	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/24/90-04/30/92	4	1.2	1.375	2.	1.1	0.176	0.419	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/24/90-04/30/92	4	1.75	1.85	2.4	1.5	0.19	0.436	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	10/24/90-04/30/92	4	12.308	12.404	13.	12.	0.242	0.492	**	**	**
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	10/24/90-04/30/92	4 ##	2.5	2.	2.5	0.5	1.	1.	**	**	**
61027	ANIONS, SUM, TOTAL IN WATER MG/L	09/26/91-04/30/92	2	89.	89.	90.	88.	2.	1.414	**	**	**
61944	CATIONS, SUM, TOTAL IN WATER, MG/L	09/26/91-04/30/92	2	49.5	49.5	51.	48.	4.5	2.121	**	**	**
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	10/24/90-04/30/92	4	149.	148.	150.	144.	8.	2.828	**	**	**
80110	SPECIFIC GRAVITY WATER-UNITY AT 4C	10/24/90-10/24/90	1	0.229	0.229	0.229	0.229	0.	0.	**	**	**
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/24/90-04/30/92	4 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	10/24/90-04/30/92	4	0.046	0.067	0.14	0.036	0.002	0.049	**	**	**
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/24/90-04/30/92	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/24/90-04/30/92	4 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/24/90-04/30/92	4 ##	10.	10.	10.	10.	0.	0.	**	**	**
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	10/24/90-04/30/92	4 ##	0.01	0.018	0.04	0.01	0.	0.015	**	**	**
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/24/90-04/30/92	4 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/24/90-04/30/92	4 ##	2.5	3.6	6.9	2.5	4.84	2.2	**	**	**
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/24/90-04/30/92	4 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/24/90-04/30/92	4 ##	1.	1.	1.	1.	0.	0.	**	**	**
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/24/90-04/30/92	4 ##	17.	19.	32.	10.	118.667	10.893	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0097

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
00400	PH	Fresh Chronic	9.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
		Other-Lo Lim.	6.5	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
00406	PH, FIELD	Fresh Chronic	9.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
		Other-Lo Lim.	6.5	4	1	0.25	1	0	0.00	1	0	0.00	2	1	0.50		
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1	0	0.00				1	0	0.00					
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00				1	0	0.00					
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00								
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	3	0	0.00	1	0	0.00				2	0	0.00		
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
		Drinking Water	250.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE	Fresh Acute	20.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
		Drinking Water	50.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	360.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
		Drinking Water	50.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER	Drinking Water	2.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	3.9	3	0	0.00				1	0	0.00	2	0	0.00		
		Drinking Water	5.	3	0	0.00				1	0	0.00	2	0	0.00		
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WAT	Drinking Water	100.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	18.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
		Drinking Water	1300.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	82.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
		Drinking Water	15.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	2.4	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
		Drinking Water	2.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	4.1	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
		Drinking Water	100.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	120.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
		Drinking Water	5000.	4	0	0.00	1	0	0.00	1	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: CANY0098

NPS Station ID: CANY0098 LAT/LON: 38.134809/-110.037531

Location: ERNIES COUNTRY SPG E 0.5 MI SE OF WHITMORE ARCH

Station Type: /TYPA/AMBNT/SPRING

RMI-Indexes:

RMI-Miles:

HUC: 14070001

Major Basin: COLORADO RIVER

Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER

RF1 Index: 14070001

RF3 Index: 14070004002901.17

Description:

THE STATION IS LOCATED ON THE ELATERITE BASIN UTAH 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. ERNIE'S COUNTRY EAST IS AN ALCOVE SEEP AND IS LOCATED INSIDE THE CANYONLANDS NATIONAL PARK BOUNDARY. THE SAMPLES WERE COLLECTED AND ANALYZED BY NATIONAL PARK SERVICE PERSONNEL. THE MONITORING BEGAN IN RESPONSE TO A PROPOSED SITING OF A NUCLEAR WASTE REPOSITORY NEAR THE PARK AS STATED BY B. LONG AND R. SMITH IN THE REPORT "WATER QUALITY DATA ANALYSIS AND INTERPRETATION FOR SPRING MONITORING SITES SOUTHEAST UTAH GROUP" (AUGUST 1996). THE INITIAL MONITORING OBJECTIVES WERE TO ESTABLISH A BASELINE DATABASE; DETECT POTENTIAL CHANGES; AND IDENTIFY AREAS OF CONCERN. THE UTAH DEPARTMENT OF ENVIRONMENTAL QUALITY ANALYZED THE SAMPLES IN A COOPERATIVE EFFORT WITH THE PARK SERVICE BEGINNING 10/22/1990. THESE DATA CAN BE FOUND UNDER THE STATION 599545. DATA WERE PROCESSED AND UPLOADED TO STORET BY LISA DUMMER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Agency: 11NPSWRD

FIPS State/County: 49017 UTAH/GARFIELD

STORET Station ID(s): CANY_NPS_599545/WA2 /599545

Within Park Boundary: Yes

Date Created: 05/22/99

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 0.80

Distance from RF3: 0.11

On/Off RF1:

On/Off RF3:

Parameter Inventory for Station: CANY0098

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/16/84-05/07/90	12	17.05	15.983	23.8	4.	33.389	5.778	5.74	12.4	20.575	23.47
00059 FLOW, RATE, INSTANTANEOUS GALLONS/MIN	10/01/85-04/25/87	4	0.02	0.018	0.03	0.002	0.	0.012	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	10/01/85-04/25/87	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00090 OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	05/07/90-05/07/90	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
00094 SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	10/16/84-05/07/90	11	264.	262.909	282.	246.	95.691	9.782	247.	258.	267.	280.2
00300 OXYGEN, DISSOLVED MG/L	10/16/84-05/07/90	11	8.4	9.136	12.1	6.6	4.639	2.154	6.64	7.1	11.7	12.08
00400 PH (STANDARD UNITS)	10/16/84-05/07/90	12	8.05	8.023	9.38	6.85	0.488	0.699	6.895	7.575	8.4	9.176
00400 CONVERTED PH (STANDARD UNITS)	10/16/84-05/07/90	12	8.047	7.555	9.38	6.85	0.728	0.853	6.895	7.575	8.4	9.176
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/16/84-05/07/90	12	0.009	0.028	0.141	0.	0.002	0.045	0.001	0.004	0.028	0.129
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	10/16/84-10/04/89	10	140.	162.4	291.	120.	2492.489	49.925	121.	135.25	175.	280.6
00480 SALINITY - PARTS PER THOUSAND	05/07/90-05/07/90	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	10/16/84-05/07/90	10 ##	0.05	0.2	1.3	0.05	0.156	0.394	0.05	0.05	0.113	1.2
00655 PHOSPHATE, POLY (MG/L AS PO4)	10/16/84-05/07/90	11	0.45	1.082	5.	0.05	2.304	1.518	0.05	0.4	1.	4.58
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	10/16/84-05/07/90	10	165.5	163.9	187.	140.	170.322	13.051	141.4	154.	171.	185.4
00940 CHLORIDE, TOTAL IN WATER MG/L	04/25/87-05/07/90	7	23.	32.714	61.	15.	381.905	19.542	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	10/16/84-05/07/90	10	11.5	13.3	28.	2.5	83.289	9.126	2.5	6.625	21.75	27.9
01042 COPPER, TOTAL (UG/L AS CU)	10/16/84-05/07/90	11 ##	50.	72.727	200.	50.	2681.818	51.786	50.	50.	50.	190.
01045 IRON, TOTAL (UG/L AS FE)	10/16/84-05/07/90	11 ##	50.	98.182	350.	50.	9136.364	95.584	50.	50.	150.	316.
01055 MANGANESE, TOTAL (UG/L AS MN)	10/16/84-05/07/90	11 ##	50.	200.909	850.	50.	58189.091	241.224	50.	50.	280.	744.

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

Parameter Inventory for Station: CANY0098

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501 COLIFORM,TOT, MEMBRANE FILTER, IMMED.M-ENDO MED,35C	04/20/86-04/25/87	2 ##	225.	225.	450.	0.	101250.	318.198	**	**	**	**
31501 LOG COLIFORM,TOT, MEMBRANE FILTER, IMMED.M-ENDO MED,	04/20/86-04/25/87	2 ##	1.327	1.327	2.653	0.	3.52	1.876	**	**	**	**
31501 GM COLIFORM,TOT, MEMBRANE FILTER, IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			21.213								
31616 FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	04/25/87-04/25/87	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
31616 LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	04/25/87-04/25/87	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
31616 GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			1.								

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

EPA Water Quality Criteria Analysis for Station: CANY0098

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	11	0	0.00	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400 PH	Fresh Chronic	9.	12	1	0.08	4	0	0.00	2	0	0.00	6	1	0.17			
	Other-Lo Lim.	6.5	12	0	0.00	4	0	0.00	2	0	0.00	6	0	0.00			
00620 NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	10	0	0.00	3	0	0.00	2	0	0.00	5	0	0.00			
00940 CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	7	0	0.00	2	0	0.00	1	0	0.00	4	0	0.00			
	Drinking Water	250.	7	0	0.00	2	0	0.00	1	0	0.00	4	0	0.00			
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	250.	10	0	0.00	3	0	0.00	2	0	0.00	5	0	0.00			
01042 COPPER, TOTAL	Fresh Acute	18.	2 &	2	1.00	2	2	1.00									
	Drinking Water	1300.	11	0	0.00	4	0	0.00	2	0	0.00	5	0	0.00			
31501 COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	0	0.00							2	0	0.00			
31616 FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	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: CANY0099

NPS Station ID: CANY0099 LAT/LON: 38.134667/-110.073833

Location: ERNIES COUNTRY SPG W, .5 MI S OF GOLDEN STAIRS W

Station Type: /TYPA/AMBNT/SPRING

RMI-Indexes:

RMI-Miles:

HUC: 14070001

Major Basin:

Minor Basin:

RF1 Index:

RF3 Index: 14070001039700.00

Description:

WATER QUALITY STATION IS LOCATED IN GLEN CANYON NRA. WATER SAMPLES WERE COLLECTED BY CANYONLANDS NATIONAL PARK NATURAL RESOURCE

MANAGEMENT STAFF (125 W. 200 S.; MOAB UT 84532; TELEPHONE: 435-259-3911); ANALYZED BY THE UTAH DEPARTMENT OF HEALTH LABORATORY;

AND UPLOADED INTO STORET BY THE UTAH DEPARTMENT OF ENVIRONMENTAL QUALITY - DIVISION OF WATER QUALITY. DATA COLLECTED AT THE SAME

LOCATION PRIOR TO 10/23/1990 CAN BE FOUND AT STATION GLCA_NPS_599546.

Agency: 21UTAH

FIPS State/County: 49017 UTAH/GARFIELD

STORET Station ID(s): 599546

Within Park Boundary: No

Date Created: / /

Depth of Water: 0

Elevation: 0

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 23.70

Distance from RF3: 0.48

On/Off RF1:

On/Off RF3:

Parameter Inventory for Station: CANY0099

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/23/90-04/30/92	4	13.1	14.725	25.6	7.1	62.489	7.905	**	**	**	**
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/13/91-04/30/92	3	24.2	25.067	29.	22.	12.813	3.58	**	**	**	**
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/23/90-04/30/92	4	1.	1.033	1.5	0.63	0.128	0.357	**	**	**	**
00094 SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/23/90-04/30/92	4	311.5	309.	331.	282.	412.667	20.314	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/23/90-04/30/92	4	326.5	321.75	334.	300.	224.25	14.975	**	**	**	**
00191 HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	10/23/90-04/30/92	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	10/23/90-04/30/92	4	10.	10.3	12.7	8.5	4.56	2.135	**	**	**	**
00400 PH (STANDARD UNITS)	10/23/90-04/30/92	4	8.05	8.025	8.1	7.9	0.009	0.096	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	10/23/90-04/30/92	4	8.047	8.017	8.1	7.9	0.009	0.096	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/23/90-04/30/92	4	0.009	0.01	0.013	0.008	0.	0.002	**	**	**	**
00405 CARBON DIOXIDE (MG/L AS CO2)	10/23/90-04/30/92	4	1.5	1.5	2.	1.	0.333	0.577	**	**	**	**
00406 PH, FIELD, STANDARD UNITS SU	10/23/90-04/30/92	4	8.1	8.075	8.9	7.2	0.483	0.695	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS	10/23/90-04/30/92	4	8.1	7.698	8.9	7.2	0.672	0.82	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/23/90-04/30/92	4	0.008	0.02	0.063	0.001	0.001	0.029	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	10/23/90-04/30/92	4	145.	143.	151.	131.	72.667	8.524	**	**	**	**
00440 BICARBONATE ION (MG/L AS HCO3)	10/23/90-04/30/92	4	176.5	174.25	185.	159.	120.917	10.996	**	**	**	**
00445 CARBONATE ION (MG/L AS CO3)	10/23/90-04/30/92	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/23/90-04/30/92	4	3.5	2.75	4.	0.	3.583	1.893	**	**	**	**
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/23/90-04/30/92	4 ##	0.043	0.09	0.25	0.025	0.012	0.108	**	**	**	**
00613 NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/23/90-10/23/90	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00618 NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/23/90-10/23/90	1	0.14	0.14	0.14	0.14	0.	0.	**	**	**	**
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/23/90-04/30/92	4	0.26	0.393	1.	0.05	0.175	0.418	**	**	**	**
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/26/91-09/26/91	1	0.517	0.517	0.517	0.	0.	0.	**	**	**	**
00631 NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/13/91-04/30/92	3	0.17	0.16	0.242	0.067	0.008	0.088	**	**	**	**
00665 PHOSPHORUS, TOTAL (MG/L AS P)	10/23/90-04/30/92	4	0.013	0.013	0.02	0.005	0.	0.006	**	**	**	**
00666 PHOSPHORUS, DISSOLVED (MG/L AS P)	10/23/90-04/30/92	4 ##	0.005	0.004	0.005	0.003	0.	0.001	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	10/23/90-04/30/92	4	161.75	160.275	167.1	150.5	49.869	7.062	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	10/23/90-04/30/92	4	33.5	32.5	34.	29.	5.667	2.38	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	10/23/90-04/30/92	4	19.	19.25	20.	19.	0.25	0.5	**	**	**	**

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

Parameter Inventory for Station: CANY0099

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/23/90-04/30/92	4	6.7	6.575	6.9	6.	0.163	0.403	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/23/90-04/30/92	4	2.1	2.2	2.6	2.	0.08	0.283	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/23/90-04/30/92	4	7.45	7.55	8.5	6.8	0.697	0.835	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	10/23/90-04/30/92	4	20.	21.243	25.973	19.	10.165	3.188	**	**	**	**
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	10/23/90-04/30/92	4 ##	2.5	2.	2.5	0.5	1.	1.	**	**	**	**
61027	ANIONS, SUM, TOTAL IN WATER MG/L	09/26/91-04/30/92	2	114.5	114.5	124.	105.	180.5	13.435	**	**	**	**
61944	CATIONS, SUM, TOTAL IN WATER, MG/L	09/26/91-04/30/92	2	59.5	59.5	62.	57.	12.5	3.536	**	**	**	**
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	10/23/90-04/30/92	4	177.	176.	180.	170.	18.667	4.32	**	**	**	**
80110	SPECIFIC GRAVITY WATER-UNITY AT 4C	10/23/90-10/23/90	1	0.378	0.378	0.378	0.378	0.	0.	**	**	**	**
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/23/90-04/30/92	4 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	10/23/90-04/30/92	4	0.135	0.118	0.16	0.041	0.003	0.053	**	**	**	**
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/23/90-04/30/92	4 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/23/90-04/30/92	4 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/23/90-04/30/92	4 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	10/23/90-04/30/92	4 ##	0.023	0.026	0.046	0.01	0.	0.018	**	**	**	**
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/23/90-04/30/92	4 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/23/90-04/30/92	4 ##	2.5	4.625	11.	2.5	18.063	4.25	**	**	**	**
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/23/90-04/30/92	4 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/23/90-04/30/92	4 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/23/90-04/30/92	4 ##	10.	13.25	23.	10.	42.25	6.5	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0099

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
00400	PH	Fresh Chronic	9.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
		Other-Lo Lim.	6.5	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
00406	PH, FIELD	Fresh Chronic	9.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
		Other-Lo Lim.	6.5	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1	0	0.00				1	0	0.00					
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00				1	0	0.00					
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00				2	0	0.00		
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	3	0	0.00	1	0	0.00								
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
		Drinking Water	250.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE	Fresh Acute	20.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
		Drinking Water	50.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	360.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
		Drinking Water	50.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER	Drinking Water	2.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	3.9	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
		Drinking Water	5.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WAT	Drinking Water	100.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	18.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
		Drinking Water	1300.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	82.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
		Drinking Water	15.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	2.4	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
		Drinking Water	2.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	4.1	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
		Drinking Water	100.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	120.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
		Drinking Water	5000.	4	0	0.00	1	0	0.00	1	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: CANY0100

NPS Station ID: CANY0100
 Location: SODA SPRING
 Station Type: /TYPA/AMBNT/SPRING
 RMI-Indexes:
 RMI-Miles:
 HUC: 14030005
 Major Basin: COLORADO RIVER
 Minor Basin: UPPER COLORADO RIVER
 RF1 Index: 14030005
 RF3 Index: 14070004002901.17

LAT/LON: 38.141198/-109.826616

Depth of Water: 0
 Elevation: 0

RF1 Mile Point: 0.000
 RF3 Mile Point: 2.36

Agency: 11NPSWRD
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): CANY_NPS_28
 Within Park Boundary: Yes

Date Created: 08/02/99

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.80
 Distance from RF3: 0.11

On/Off RF1:
 On/Off RF3:

Description:
 THE STATION IS LOCATED ON THE LOOP UTAH 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT SODA SPRING INSIDE THE CANYONLANDS NATIONAL PARK. THE DATA ARE FROM THE REPORT "GROUND WATER RESOURCES IN THE PART OF CANYONLANDS NATIONAL PARK EAST OF THE COLORADO RIVER AND CONTIGUOUS BUREAU OF LAND MANAGEMENT LANDS; UTAH" BY H.R. RICHTER, JR. (APRIL 1980). THE PURPOSE OF THE REPORT IS "TO (1) DESCRIBE THE OCCURRENCE AND CIRCULATION OF GROUND WATER AND (2) IDENTIFY POTENTIALLY DEVELOPABLE GROUND WATER SUPPLIES." FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT CANYONLANDS NATIONAL PARK; 2282 S. WEST RESOURCE BLVD.; MOAB UT 84532 (TEL. 801-259-7164). DATA WERE PROCESSED AND UPLOADED TO STORET BY LISA DUMMER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: CANY0100

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/14/78-07/14/78	1	21.5	21.5	21.5	21.5	0.	0.	**	**	**	**
00058 FLOW, RATE GALLONS/MIN	07/14/78-07/14/78	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/14/78-07/14/78	1	621.	621.	621.	621.	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	07/14/78-07/14/78	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	07/14/78-07/14/78	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/14/78-07/14/78	1	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00440 BICARBONATE ION (MG/L AS HCO3)	07/14/78-07/14/78	1	350.	350.	350.	350.	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	07/14/78-07/14/78	1	270.	270.	270.	270.	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	07/14/78-07/14/78	1	80.	80.	80.	80.	0.	0.	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	07/14/78-07/14/78	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	07/14/78-07/14/78	1	9.7	9.7	9.7	9.7	0.	0.	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	07/14/78-07/14/78	1	3.8	3.8	3.8	3.8	0.	0.	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	07/14/78-07/14/78	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00946 SULFATE, DISSOLVED (MG/L AS SO4)	07/14/78-07/14/78	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	07/14/78-07/14/78	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SiO2)	07/14/78-07/14/78	1	9.8	9.8	9.8	9.8	0.	0.	**	**	**	**
01020 BORON, DISSOLVED (UG/L AS B)	07/14/78-07/14/78	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
70300 RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	07/14/78-07/14/78	1	356.	356.	356.	356.	0.	0.	**	**	**	**
71851 NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/14/78-07/14/78	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: CANY0100

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	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
	Fresh Acute	860.	1	0	0.00										1	0	0.00
00941 CHLORIDE, DISSOLVED IN WATER	Drinking Water	250.	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	4.	1	0	0.00										1	0	0.00
00950 FLUORIDE, DISSOLVED AS F	Drinking Water	44.	1	0	0.00										1	0	0.00
71851 NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water																

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

Station Inventory for Station: CANY0101

NPS Station ID: CANY0101
 Location: (D-30-19)27CDD-S1
 Station Type: /TYPA/AMBNT/SPRING
 RMI-Indexes:
 RMI-Miles:
 HUC: 14030005
 Major Basin:
 Minor Basin:
 RF1 Index: 14030005
 RF3 Index: 14030005059001.86
 Description:

LAT/LON: 38.141670/-109.823616

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 4.34

Agency: 112WRD
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): 380830109492501
 Within Park Boundary: Yes

Date Created: 02/28/78

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.13

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: CANY0101

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/17/68-07/17/68	1	21.5	21.5	21.5	21.5	0.	0.	**	**	**	**
00059 FLOW, RATE, INSTANTANEOUS GALLONS/MIN	07/17/68-07/17/68	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/17/68-07/17/68	1	571.	571.	571.	571.	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	07/17/68-07/17/68	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	07/17/68-07/17/68	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/17/68-07/17/68	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	07/17/68-07/17/68	1	297.	297.	297.	297.	0.	0.	**	**	**	**
00440 BICARBONATE ION (MG/L AS HCO3)	07/17/68-07/17/68	1	362.	362.	362.	362.	0.	0.	**	**	**	**
00445 CARBONATE ION (MG/L AS CO3)	07/17/68-07/17/68	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	07/17/68-07/17/68	1	308.	308.	308.	308.	0.	0.	**	**	**	**
00902 HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	07/17/68-07/17/68	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	07/17/68-07/17/68	1	90.	90.	90.	90.	0.	0.	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	07/17/68-07/17/68	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	07/17/68-07/17/68	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00931 SODIUM ADSORPTION RATIO	07/17/68-07/17/68	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	07/17/68-07/17/68	1	3.5	3.5	3.5	3.5	0.	0.	**	**	**	**
00940 CHLORIDE, TOTAL IN WATER MG/L	07/17/68-07/17/68	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	07/17/68-07/17/68	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	07/17/68-07/17/68	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SiO2)	07/17/68-07/17/68	1	9.5	9.5	9.5	9.5	0.	0.	**	**	**	**
01020 BORON, DISSOLVED (UG/L AS B)	07/17/68-07/17/68	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01046 IRON, DISSOLVED (UG/L AS Fe)	07/17/68-07/17/68	1	10.	10.	10.	10.	0.	0.	**	**	**	**
70300 RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	07/17/68-07/17/68	1	334.	334.	334.	334.	0.	0.	**	**	**	**
70301 SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/17/68-07/17/68	1	332.	332.	332.	332.	0.	0.	**	**	**	**
71851 NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/17/68-07/17/68	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0101

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
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									

& - 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: CANY0101

Parameter	Std. Type	Std. Value	Total	Exceed	Prop.	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
			Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00945	SULFATE, TOTAL (AS SO4)	250.	1	0	0.00	1	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	4.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	44.	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: CANY0102

NPS Station ID: CANY0102
 Location: (D-30-19)2SCDC-S1 SQUAW SPRING
 Station Type: /TYPA/AMBNT/SPRING
 RMI-Indexes:
 RMI-Miles:
 HUC: 14030005
 Major Basin: COLORADO RIVER
 Minor Basin: UPPER COLORADO RIVER
 RF1 Index: 14030005
 RF3 Index: 14070004002901.17

LAT/LON: 38.141948/-109.792449

Depth of Water: 0
 Elevation: 0

RF1 Mile Point: 0.000
 RF3 Mile Point: 2.36

Agency: 11NPSWRD
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): CANY_ERI_SQ2
 Within Park Boundary: Yes

Date Created: 08/21/99

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.80
 Distance from RF3: 0.11

On/Off RF1:
 On/Off RF3:

Description:
 The station is located on The Loop Utah 7.5 minute series (topographic) quadrangle. The site is at Squaw Spring in Canyonlands National Park. If was difficult to ascertain the Squaw Spring source due to runoff flowing across the location. No flow measurement due to this confounding factor. Vegetation present included Typha; Salix; Populus; and Carex. Substrate: Boulder/sand. Formation: Alluvium. The data are from the report "Water Resources Descriptions and Data Base Canyonlands National Park Needles District and Adjacent BLM Lands" prepared by Ecosystems Research Institute (October 1984). For information on Canyonlands National Park; contact the Chief of Resources at Canyonlands National Park; 2282 S. West Resource Blvd.; Moab UT 84532 (Tel. 801-259-7164). Data were processed and uploaded to STORET by Lisa Dummer; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: CANY0102

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/28/84-04/28/84	1	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	04/28/84-04/28/84	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00406 PH, FIELD, STANDARD UNITS SU	04/28/84-04/28/84	1	7.96	7.96	7.96	7.96	0.	0.	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS	04/28/84-04/28/84	1	7.96	7.96	7.96	7.96	0.	0.	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/28/84-04/28/84	1	0.011	0.011	0.011	0.011	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0102

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	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: CANY0103

NPS Station ID: CANY0103	LAT/LON: 38.142167/-109.827167	Agency: 21UTAH	Date Created: / /
Location: SODA SPRING (BS-3)		FIPS State/County: 49037 UTAH/SAN JUAN	
Station Type: /TYPA/AMBNT/SPRING		STORET Station ID(s): 599507	
RMI-Indexes:		Within Park Boundary: Yes	
RMI-Miles:			
HUC: 14030005	Depth of Water: 0	Aquifer:	
Major Basin:	Elevation: 0	Water Body Id:	
Minor Basin:		ECO Region:	
RF1 Index:	RF1 Mile Point: 0.000	Distance from RF1: 0.00	On/Off RF1:
RF3 Index: 14030005058700.00	RF3 Mile Point: 0.00	Distance from RF3: 0.02	On/Off RF3:
Description:			
WATER QUALITY STATION IS LOCATED IN CANYONLANDS NP. THIS PARK	IS MANAGED BY THE NATIONAL PARK SERVICE'S SOUTHEAST UTAH GROUP.		
WATER SAMPLES WERE COLLECTED BY CANYONLANDS NATIONAL PARK	NATURAL RESOURCE MANAGEMENT STAFF (125 W. 200 S.; MOAB UT 84532;		
435-259-3911); ANALYZED BY THE UTAH DEPARTMENT OF HEALTH	LABORATORY AND UPLOADED INTO STORET BY THE UTAH DEPARTMENT OF		
ENV QUALITY - DIVISION OF WATER QUALITY. DATA COLLECTED AT THE	SAME LOCATION PRIOR TO 5/21/1988 CAN BE FOUND AT STATION		
CANY_NPS_599507.			

Parameter Inventory for Station: CANY0103

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: CANY0104

NPS Station ID: CANY0104
Location: SODA SPRING
Station Type: /TYPA/AMBNT/SPRING
RMI-Indexes:
RMI-Miles:
HUC: 14030005
Major Basin: COLORADO RIVER
Minor Basin: UPPER COLORADO RIVER
RF1 Index: 14030005
RF3 Index: 14070004002901.17
Description:
THE STATION IS LOCATED ON THE LOOP UTAH 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. SODA SPRING IS LOCATED INSIDE THE CANYONLANDS NATIONAL PARK BOUNDARY. THE SAMPLES WERE COLLECTED AND ANALYZED BY NATIONAL PARK SERVICE PERSONNEL. THE MONITORING BEGAN IN RESPONSE TO PROPOSED SITING OF A NUCLEAR WASTE REPOSITORY NEAR THE PARK AS STATED BY B. LONG AND R. SMITH IN THE REPORT "WATER QUALITY DATA ANALYSIS AND INTERPRETATION FOR SPRING MONITORING SITES SOUTHEAST UTAH GROUP" (AUGUST 1996). THE INITIAL MONITORING OBJECTIVES WERE TO ESTABLISH A BASELINE DATABASE; DETECT POTENTIAL CHANGES; AND IDENTIFY AREAS OF CONCERN. THE UTAH DEPARTMENT OF ENVIRONMENTAL QUALITY ANALYZED THE SAMPLES IN A COOPERATIVE EFFORT WITH THE PARK SERVICE BEGINNING 5/21/1988. THESE DATA CAN BE FOUND UNDER THE STATION 599507. DATA WERE PROCESSED AND UPLOADED TO STORET BY LISA DUMMER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

LAT/LON: 38.142282/-109.827227

Agency: 11NPSWRD
FIPS State/County: 49037 UTAH/SAN JUAN
STORET Station ID(s): CANY_NPS_599507/BS3 /599507
Within Park Boundary: Yes

Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.80
Distance from RF3: 0.11

Date Created: 05/22/99

On/Off RF1:
On/Off RF3:

Parameter Inventory for Station: CANY0104

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/19/86-05/19/86	1	16.3	16.3	16.3	16.3	0.	0.	**	**	**	**
00094 SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	05/19/86-05/19/86	1	697.	697.	697.	697.	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	05/19/86-05/19/86	1	7.85	7.85	7.85	7.85	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	05/19/86-05/19/86	1	7.85	7.85	7.85	7.85	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/19/86-05/19/86	1	0.014	0.014	0.014	0.014	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	02/14/85-05/20/88	4	220.	192.125	320.	8.5	18274.729	135.184	**	**	**	**
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	02/14/85-05/09/85	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00655 PHOSPHATE, POLY (MG/L AS PO4)	02/14/85-05/20/88	4	3.5	3.475	5.5	1.4	2.969	1.723	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	02/14/85-05/20/88	3	240.	209.667	300.	89.	11820.333	108.721	**	**	**	**
00940 CHLORIDE, TOTAL IN WATER MG/L	05/20/88-05/20/88	1	303.	303.	303.	303.	0.	0.	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	02/14/85-05/20/88	4	27.5	26.625	49.	2.5	361.563	19.015	**	**	**	**
01042 COPPER, TOTAL (UG/L AS CU)	02/14/85-05/20/88	3	350.	250.	350.	50.	30000.	173.205	**	**	**	**
01045 IRON, TOTAL (UG/L AS FE)	02/14/85-05/20/88	3 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01055 MANGANESE, TOTAL (UG/L AS MN)	02/14/85-05/09/85	2	1150.	1150.	1300.	1000.	45000.	212.132	**	**	**	**
31501 COLIFORM,TOT, MEMBRANE FILTER, IMMED.M-ENDO MED,35C	02/14/85-05/19/86	2 ##	4475.	4475.	8950.	0.	40051250.	6328.606	**	**	**	**
31501 LOG COLIFORM,TOT, MEMBRANE FILTER, IMMED.M-ENDO MED,	02/14/85-05/19/86	2 ##	1.976	1.976	3.952	0.	7.808	2.794	**	**	**	**
31501 GM COLIFORM,TOT, MEMBRANE FILTER, IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			94.604								

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

EPA Water Quality Criteria Analysis for Station: CANY0104

Parameter	Std. Type	Std. Value				-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
			Total Obs	Exceed Standard	Prop. Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	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			
	Drinking Water	10.	2	0	0.00				1	0	0.00	1	0	0.00			
00620 NITRATE NITROGEN, TOTAL AS N	Fresh Acute	860.	1	0	0.00							1	0	0.00			
	Drinking Water	250.	1	1	1.00							1	1	1.00			
	Drinking Water	250.	4	0	0.00				1	0	0.00	3	0	0.00			
00940 CHLORIDE, TOTAL IN WATER	Fresh Acute	18.	2 &	2	1.00				1	1	1.00	1	1	1.00			
	Drinking Water	1300.	3	0	0.00				1	0	0.00	2	0	0.00			
	Other-Hi Lim.	1000.	2	1	0.50				1	1	1.00	1	0	0.00			
00945 SULFATE, TOTAL (AS SO4)																	
01042 COPPER, TOTAL																	
31501 COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.																	

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

Station Inventory for Station: CANY0105

NPS Station ID: CANY0105 Location: SQUAW CYN CK AT SQUAW SPG (UPSTR) Station Type: /TYPA/AMBNT/STREAM RMI-Indexes: RMI-Miles: HUC: 14030005 Major Basin: COLORADO RIVER Minor Basin: UPPER COLORADO RIVER RF1 Index: 14030005 RF3 Index: 14070004002901.17 Description: THE STATION IS LOCATED ON THE LOOP UTAH 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. SQUAW CANYON UPPER IS AN INTERMITTENT STREAM AND IS LOCATED INSIDE THE CANYONLANDS NATIONAL PARK BOUNDARY. THE SAMPLES WERE COLLECTED AND ANALYZED BY NATIONAL PARK SERVICE PERSONNEL. THE MONITORING BEGAN IN RESPONSE TO A PROPOSED SITING OF A NUCLEAR WASTE REPOSITORY NEAR THE PARK AS STATED BY B. LONG AND R. SMITH IN THE REPORT "WATER QUALITY DATA ANALYSIS AND INTERPRETATION FOR SPRING MONITORING SITES SOUTHEAST UTAH GROUP" (AUGUST 1996). THE INITIAL MONITORING OBJECTIVES WERE TO ESTABLISH A BASELINE DATABASE; DETECT POTENTIAL CHANGES; AND IDENTIFY AREAS OF CONCERN. THE UTAH DEPARTMENT OF ENVIRONMENTAL QUALITY ANALYZED THE SAMPLES IN A COOPERATIVE EFFORT WITH THE PARK SERVICE BEGINNING 9/23/1990. THESE DATA CAN BE FOUND UNDER THE STATION 599504. DATA WERE PROCESSED AND UPLOADED TO STORET BY LISA DUMMER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).	LAT/LON: 38.142587/-109.793282 Depth of Water: 0 Elevation: 0 RF1 Mile Point: 0.000 RF3 Mile Point: 2.36	Agency: 11NPSWRD FIPS State/County: 49037 UTAH/SAN JUAN STORET Station ID(s): CANY_NPS_599504/SQ1A /599504 Within Park Boundary: Yes Aquifer: Water Body Id: ECO Region: Distance from RF1: 0.80 Distance from RF3: 0.11	Date Created: 05/22/99 On/Off RF1: On/Off RF3:

Parameter Inventory for Station: CANY0105

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/28/85-05/17/90	9	28.1	26.056	31.9	17.3	27.488	5.243	17.3	21.55	29.3	31.9
00059 FLOW, RATE, INSTANTANEOUS GALLONS/MIN	05/21/86-05/21/86	1	0.86	0.86	0.86	0.86	0.	0.	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	05/21/86-05/21/86	1	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
00090 OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	05/17/90-05/17/90	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00094 SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	08/28/85-05/17/90	9	598.	636.	1047.	358.	34255.5	185.082	358.	560.	704.	1047.
00300 OXYGEN, DISSOLVED MG/L	08/28/85-05/17/90	7	8.4	8.571	12.1	5.1	4.132	2.033	**	**	**	**
00400 PH (STANDARD UNITS)	08/28/85-05/17/90	9	7.6	7.748	8.76	6.95	0.34	0.583	6.95	7.3	8.26	8.76
00400 CONVERTED PH (STANDARD UNITS)	08/28/85-05/17/90	9	7.6	7.468	8.76	6.95	0.428	0.654	6.95	7.3	8.26	8.76
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/28/85-05/17/90	9	0.025	0.034	0.112	0.002	0.001	0.037	0.002	0.006	0.056	0.112
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	08/28/85-05/17/90	9	240.	220.278	291.	8.5	7891.944	88.837	8.5	196.5	277.	291.
00480 SALINITY - PARTS PER THOUSAND	05/17/90-05/17/90	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	08/28/85-05/17/90	7 ##	0.05	0.059	0.11	0.05	0.001	0.023	**	**	**	**
00655 PHOSPHATE, POLY (MG/L AS PO4)	08/28/85-05/17/90	8	1.7	1.719	3.5	0.05	1.217	1.103	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	08/28/85-05/17/90	8	282.5	267.25	410.	116.	8071.643	89.842	**	**	**	**
00940 CHLORIDE, TOTAL IN WATER MG/L	06/09/87-05/17/90	7	152.	134.714	212.	68.	3381.238	58.148	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	08/28/85-05/17/90	8	44.5	50.	112.	20.	844.286	29.057	**	**	**	**
01042 COPPER, TOTAL (UG/L AS CU)	08/28/85-05/17/90	7 ##	50.	75.714	160.	50.	2061.905	45.408	**	**	**	**
01045 IRON, TOTAL (UG/L AS FE)	08/28/85-05/17/90	7 ##	50.	81.429	180.	50.	3014.286	54.903	**	**	**	**
01055 MANGANESE, TOTAL (UG/L AS MN)	08/28/85-05/17/90	7	180.	164.286	420.	50.	17895.238	133.773	**	**	**	**

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

Parameter Inventory for Station: CANY0105

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501 COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/28/85-05/17/90	9 ##	0.	38.889	350.	0.	13611.111	116.667	0.	0.	0.	350.
31501 LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/28/85-05/17/90	9 ##	0.	0.283	2.544	0.	0.719	0.848	0.	0.	0.	2.544
31501 GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.917								
31616 FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/09/87-05/17/90	7 ##	0.	10.286	40.	0.	313.905	17.717	**	**	**	**
31616 LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/09/87-05/17/90	7 ##	0.	0.444	1.602	0.	0.575	0.759	**	**	**	**
31616 GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.779								

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

EPA Water Quality Criteria Analysis for Station: CANY0105

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	7	0	0.00	3	0	0.00				3	0	0.00	1	0	0.00
00400 PH	Fresh Chronic	9.	9	0	0.00	4	0	0.00				4	0	0.00	1	0	0.00
	Other-Lo Lim.	6.5	9	0	0.00	4	0	0.00				4	0	0.00	1	0	0.00
00620 NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	7	0	0.00	4	0	0.00				3	0	0.00			
00940 CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	7	0	0.00	3	0	0.00				3	0	0.00	1	0	0.00
	Drinking Water	250.	7	0	0.00	3	0	0.00				3	0	0.00	1	0	0.00
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	250.	8	0	0.00	4	0	0.00				4	0	0.00			
01042 COPPER, TOTAL	Fresh Acute	18.	2 &	2	1.00	1	1	1.00				1	1	1.00			
	Drinking Water	1300.	7	0	0.00	4	0	0.00				3	0	0.00			
31501 COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	9	0	0.00	4	0	0.00				4	0	0.00	1	0	0.00
31616 FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	7	0	0.00	3	0	0.00				3	0	0.00	1	0	0.00

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

Station Inventory for Station: CANY0106

NPS Station ID: CANY0106	LAT/LON: 38.142503/-109.791115	Agency: 11NPSWRD	Date Created: 01/30/99
Location: C16926		FIPS State/County: 49037 UTAH/SAN JUAN	
Station Type: /TYPA/AMBNT/SPRING		STORET Station ID(s): CANY_NURE_13 /1041135	
RMI-Indexes:		Within Park Boundary: Yes	
RMI-Miles:			
HUC: 14030005	Depth of Water: 0	Aquifer:	
Major Basin: COLORADO RIVER	Elevation: 0	Water Body Id:	
Minor Basin: UPPER COLORADO RIVER		ECO Region:	
RF1 Index: 14030005	RF1 Mile Point: 0.000	Distance from RF1: 0.80	On/Off RF1:
RF3 Index: 14070004002901.17	RF3 Mile Point: 2.36	Distance from RF3: 0.11	On/Off RF3:
Description: THE STATION IS LOCATED ON THE LOOP UTAH 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT A SPRING AND IS INSIDE OF THE CANYONLANDS NATIONAL PARK. EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO ONE WITH REAGENT-GRADE NITRIC ACID. 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 STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "LASLID" ENTRY (LOS ALAMOS SCIENTIFIC LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY LISA DUMMER; NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).			

Parameter Inventory for Station: CANY0106

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/29/78-06/29/78	1	21.	21.	21.	21.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/29/78-06/29/78	1	540.	540.	540.	540.	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	06/29/78-06/29/78	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	06/29/78-06/29/78	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/29/78-06/29/78	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS CA)	06/29/78-06/29/78	1	72.5	72.5	72.5	72.5	0.	0.	**	**	**	**
01030 CHROMIUM, DISSOLVED (UG/L AS CR)	06/29/78-06/29/78	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01035 COBALT, DISSOLVED (UG/L AS CO)	06/29/78-06/29/78	1	294.	294.	294.	294.	0.	0.	**	**	**	**
01040 COPPER, DISSOLVED (UG/L AS CU)	06/29/78-06/29/78	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01046 IRON, DISSOLVED (UG/L AS FE)	06/29/78-06/29/78	1	158.	158.	158.	158.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0106

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
							Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	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
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

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

Station Inventory for Station: CANY0107

NPS Station ID: CANY0107 LAT/LON: 38.142500/-109.793333

Location: SQUAW CYN CK AT SQUAW SPG(UPSTR) SQ-1A

Station Type: /TYPA/AMBNT/STREAM

RMI-Indexes:

RMI-Miles:

HUC: 14030005

Major Basin:

Minor Basin:

RF1 Index:

RF3 Index: 14030005059100.00

Description:

WATER QUALITY STATION IS LOCATED IN CANYONLANDS NP. THIS PARK WATER SAMPLES WERE COLLECTED BY CANYONLANDS NATIONAL PARK 435-259-3911); ANALYZED BY THE UTAH DEPARTMENT OF HEALTH ENV QUALITY - DIVISION OF WATER QUALITY. DATA COLLECTED AT THE CANY_NPS_599504.

Depth of Water: 0

Elevation: 0

RF1 Mile Point: 0.000

RF3 Mile Point: 1.95

Agency: 21UTAH

FIPS State/County: 49037 UTAH/SAN JUAN

STORET Station ID(s): 599504

Within Park Boundary: Yes

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 0.00

Distance from RF3: 0.01

Date Created: / /

On/Off RF1:

On/Off RF3:

IS MANAGED BY THE NATIONAL PARK SERVICE'S SOUTHEAST UTAH GROUP. NATURAL RESOURCE MANAGEMENT STAFF (125 W. 200 S.; MOAB UT 84532 LABORATORY AND UPLOADED INTO STORET BY THE UTAH DEPARTMENT OF SAME LOCATION PRIOR TO 9/23/1990 CAN BE FOUND AT STATION

Parameter Inventory for Station: CANY0107

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/23/90-09/23/90	1	15.5	15.5	15.5	15.5	0.	0.	**	**	**	**
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/23/90-09/23/90	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
00094 SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/23/90-09/23/90	1	869.	869.	869.	869.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/23/90-09/23/90	1	1130.	1130.	1130.	1130.	0.	0.	**	**	**	**
00191 HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	09/23/90-09/23/90	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	09/23/90-09/23/90	1	3.5	3.5	3.5	3.5	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	09/23/90-09/23/90	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	09/23/90-09/23/90	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/23/90-09/23/90	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00405 CARBON DIOXIDE (MG/L AS CO2)	09/23/90-09/23/90	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00406 PH, FIELD, STANDARD UNITS SU	09/23/90-09/23/90	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS	09/23/90-09/23/90	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/23/90-09/23/90	1	0.126	0.126	0.126	0.126	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	09/23/90-09/23/90	1	500.	500.	500.	500.	0.	0.	**	**	**	**
00440 BICARBONATE ION (MG/L AS HCO3)	09/23/90-09/23/90	1	610.	610.	610.	610.	0.	0.	**	**	**	**
00445 CARBONATE ION (MG/L AS CO3)	09/23/90-09/23/90	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/23/90-09/23/90	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00613 NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/23/90-09/23/90	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00618 NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/23/90-09/23/90	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/23/90-09/23/90	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00665 PHOSPHORUS, TOTAL (MG/L AS P)	09/23/90-09/23/90	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00666 PHOSPHORUS, DISSOLVED (MG/L AS P)	09/23/90-09/23/90	1	0.012	0.012	0.012	0.012	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	09/23/90-09/23/90	1	572.	572.	572.	572.	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	09/23/90-09/23/90	1	160.	160.	160.	160.	0.	0.	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	09/23/90-09/23/90	1	42.	42.	42.	42.	0.	0.	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS NA)	09/23/90-09/23/90	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: CANY0107

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00935 POTASSIUM, DISSOLVED (MG/L AS K)	09/23/90-09/23/90	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00946 SULFATE, DISSOLVED (MG/L AS SO4)	09/23/90-09/23/90	1	180.	180.	180.	180.	0.	0.	**	**	**	**
01167 SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	09/23/90-09/23/90	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/23/90-09/23/90	1	798.	798.	798.	798.	0.	0.	**	**	**	**
82702 ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/23/90-09/23/90	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82703 BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	09/23/90-09/23/90	1	0.27	0.27	0.27	0.27	0.	0.	**	**	**	**
82705 CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/23/90-09/23/90	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
82706 CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/23/90-09/23/90	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82708 COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/23/90-09/23/90	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
82710 IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	09/23/90-09/23/90	1	0.44	0.44	0.44	0.44	0.	0.	**	**	**	**
82711 LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/23/90-09/23/90	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82712 MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/23/90-09/23/90	1	520.	520.	520.	520.	0.	0.	**	**	**	**
82713 MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/23/90-09/23/90	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82716 SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/23/90-09/23/90	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
82719 ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/23/90-09/23/90	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: CANY0107

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076 TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	1	1.00	1	1	1.00									
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									
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									
00613 NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
00618 NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00946 SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
01167 SELENIUM, ACID SOLUBLE, WATER, WHOLE	Fresh Acute	20.	1	0	0.00	1	0	0.00									
	Drinking Water	50.	1	0	0.00	1	0	0.00									
82702 ARSENIC, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	360.	1	0	0.00	1	0	0.00									
	Drinking Water	50.	1	0	0.00	1	0	0.00									
82703 BARIUM, FIELD ACIDIFIED, DECANTED, WATER	Drinking Water	2.	1	0	0.00	1	0	0.00									
82705 CADMIUM, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	3.9	1	0	0.00	1	0	0.00									
	Drinking Water	5.	1	0	0.00	1	0	0.00									
82706 CHROMIUM, FIELD ACIDIFIED, DECANTED, WAT	Drinking Water	100.	1	0	0.00	1	0	0.00									
82708 COPPER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	18.	1	0	0.00	1	0	0.00									
	Drinking Water	1300.	1	0	0.00	1	0	0.00									
82711 LEAD, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	82.	1	0	0.00	1	0	0.00									
	Drinking Water	15.	1	0	0.00	1	0	0.00									
82713 MERCURY, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	2.4	1	0	0.00	1	0	0.00									
	Drinking Water	2.	1	0	0.00	1	0	0.00									
82716 SILVER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	4.1	1	0	0.00	1	0	0.00									
	Drinking Water	100.	1	0	0.00	1	0	0.00									
82719 ZINC, FIELD ACIDIFIED, DECANTED, WATER	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: CANY0108

NPS Station ID: CANY0108 LAT/LON: 38.143142/-109.816866

Location: BIG SPG CYN CK. 6 MI E OF SODA SPG (UPSTR)

Station Type: /TYPA/AMBNT/SPRING

RMI-Indexes:

RMI-Miles:

HUC: 14030005

Major Basin: COLORADO RIVER

Minor Basin: UPPER COLORADO RIVER

RF1 Index: 14030005

RF3 Index: 14070004002901.17

Description:

THE STATION IS LOCATED ON THE LOOP UTAH 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. BIG SPRING UPPER IS A WASH SPRING AND IS LOCATED INSIDE THE CANYONLANDS NATIONAL PARK BOUNDARY. THE SAMPLES WERE COLLECTED AND ANALYZED BY NATIONAL PARK SERVICE PERSONNEL. THE MONITORING BEGAN IN RESPONSE TO A PROPOSED SITING OF A NUCLEAR WASTE REPOSITORY NEAR THE PARK AS STATED BY B. LONG AND R. SMITH IN THE REPORT "WATER QUALITY DATA ANALYSIS AND INTERPRETATION FOR SPRING MONITORING SITES SOUTHEAST UTAH GROUP" (AUGUST 1996). THE INITIAL MONITORING OBJECTIVES WERE TO ESTABLISH A BASELINE DATABASE; DETECT POTENTIAL CHANGES; AND IDENTIFY AREAS OF CONCERN. THE UTAH DEPARTMENT OF ENVIRONMENTAL QUALITY ANALYZED THE SAMPLES IN A COOPERATIVE EFFORT WITH THE PARK SERVICE BEGINNING 9/21/1990. THESE DATA CAN BE FOUND UNDER THE STATION 599509. DATA WERE PROCESSED AND UPLOADED TO STORET BY LISA DUMMER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Agency: 11NPSWRD

FIPS State/County: 49037 UTAH/SAN JUAN

STORET Station ID(s): CANY_NPS_599509/BS4 /599509

Within Park Boundary: Yes

Date Created: 05/22/99

Depth of Water: 0

Elevation: 0

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 0.80

Distance from RF3: 0.11

On/Off RF1:

On/Off RF3:

Parameter Inventory for Station: CANY0108

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/13/85-05/20/90	11	14.3	14.145	18.7	2.2	19.507	4.417	4.32	13.2	17.3	18.46
00059 FLOW, RATE, INSTANTANEOUS GALLONS/MIN	02/13/85-02/13/85	1	0.93	0.93	0.93	0.93	0.	0.	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	02/13/85-02/13/85	1	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
00090 OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	05/20/90-05/20/90	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00094 SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	02/13/85-05/20/90	11	640.	620.364	873.	198.	28606.255	169.134	263.2	537.	711.	842.8
00300 OXYGEN, DISSOLVED MG/L	05/10/85-05/20/90	8	6.5	5.863	11.7	1.8	11.074	3.328	**	**	**	**
00400 PH (STANDARD UNITS)	05/10/85-05/20/90	10	6.725	6.662	7.76	5.4	0.6	0.775	5.41	6.1	7.29	7.74
00400 CONVERTED PH (STANDARD UNITS)	05/10/85-05/20/90	10	6.724	6.07	7.76	5.4	0.99	0.995	5.41	6.1	7.29	7.74
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/10/85-05/20/90	10	0.189	0.851	3.981	0.017	2.112	1.453	0.018	0.054	1.166	3.899
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	02/13/85-05/20/90	11	260.	258.409	342.	8.5	7880.841	88.774	54.8	257.	308.	338.6
00480 SALINITY - PARTS PER THOUSAND	05/20/90-05/20/90	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	02/13/85-05/20/90	9 ##	0.05	0.189	1.	0.05	0.097	0.311	0.05	0.05	0.2	1.
00655 PHOSPHATE, POLY (MG/L AS PO4)	02/13/85-05/20/90	10	0.9	1.24	3.6	0.5	0.845	0.919	0.5	0.65	1.5	3.39
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	02/13/85-05/20/90	10	291.	274.	376.	41.	8779.333	93.698	58.9	247.75	333.5	374.3
00940 CHLORIDE, TOTAL IN WATER MG/L	06/08/87-05/20/90	7	91.	106.143	273.	8.	6979.476	83.543	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	02/13/85-05/20/90	11	46.	40.909	55.	6.	199.891	14.138	10.8	30.	50.	54.2
01042 COPPER, TOTAL (UG/L AS CU)	02/13/85-05/20/90	9 ##	50.	80.	220.	50.	3850.	62.048	50.	50.	100.	220.
01045 IRON, TOTAL (UG/L AS FE)	02/13/85-05/20/90	9 ##	50.	66.667	200.	50.	2500.	50.	50.	50.	50.	200.
01055 MANGANESE, TOTAL (UG/L AS MN)	02/13/85-05/20/90	9 ##	50.	105.556	250.	50.	7152.778	84.574	50.	50.	200.	250.

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

Parameter Inventory for Station: CANY0108

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501 COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	02/13/85-05/20/90	9 ##	0.	80.111	500.	0.	27955.111	167.198	0.	0.	110.	500.
31501 LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	02/13/85-05/20/90	9 ##	0.	0.736	2.699	0.	1.283	1.133	0.	0.	1.965	2.699
31501 GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			5.451								
31616 FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/08/87-05/20/90	7 ##	0.	8.571	40.	0.	247.619	15.736	**	**	**	**
31616 LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/08/87-05/20/90	7 ##	0.	0.415	1.602	0.	0.509	0.714	**	**	**	**
31616 GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.599								

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

EPA Water Quality Criteria Analysis for Station: CANY0108

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	8	3	0.38	3	2	0.67				4	0	0.00	1	1	1.00
00400 PH	Fresh Chronic	9.	10	0	0.00	4	0	0.00				5	0	0.00	1	0	0.00
	Other-Lo Lim.	6.5	10	3	0.30	4	1	0.25				5	2	0.40	1	0	0.00
00620 NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	9	0	0.00	4	0	0.00	1	0	0.00	4	0	0.00			
00940 CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	7	0	0.00	3	0	0.00				3	0	0.00	1	0	0.00
	Drinking Water	250.	7	1	0.14	3	0	0.00				3	1	0.33	1	0	0.00
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	250.	11	0	0.00	4	0	0.00	1	0	0.00	5	0	0.00	1	0	0.00
01042 COPPER, TOTAL	Fresh Acute	18.	2 &	2	1.00				1	1	1.00	1	1	1.00			
	Drinking Water	1300.	9	0	0.00	4	0	0.00	1	0	0.00	4	0	0.00			
31501 COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	9	0	0.00	3	0	0.00	1	0	0.00	4	0	0.00	1	0	0.00
31616 FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	7	0	0.00	3	0	0.00				3	0	0.00	1	0	0.00

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

Station Inventory for Station: CANY0109

NPS Station ID: CANY0109 LAT/LON: 38.143000/-109.816833
 Location: BIG SPG CYN CK. 6 MI E OF SODA SPG (UPSTR) BS-4
 Station Type: /TYPA/AMBNT/STREAM

RMI-Indexes:
 RMI-Miles:
 HUC: 14030005 Depth of Water: 0
 Major Basin: Elevation: 0
 Minor Basin:
 RF1 Index: RF1 Mile Point: 0.000
 RF3 Index: 14030005058500.73 RF3 Mile Point: 2.48

Agency: 21UTAH
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): 599509
 Within Park Boundary: Yes

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 28.00
 Distance from RF3: 0.01

On/Off RF1:
 On/Off RF3:

Description:
 WATER QUALITY STATION IS LOCATED IN CANYONLANDS NP. THIS PARK
 WATER SAMPLES WERE COLLECTED BY CANYONLANDS NATIONAL PARK
 435-259-3911); ANALYZED BY THE UTAH DEPARTMENT OF HEALTH
 ENV QUALITY - DIVISION OF WATER QUALITY. DATA COLLECTED AT THE
 CANY_NPS_599509.

IS MANAGED BY THE NATIONAL PARK SERVICE'S SOUTHEAST UTAH GROUP.
 NATURAL RESOURCE MANAGEMENT STAFF (125 W. 200 S.; MOAB UT 84532;
 LABORATORY AND UPLOADED INTO STORET BY THE UTAH DEPARTMENT OF
 SAME LOCATION PRIOR TO 9/21/1990 CAN BE FOUND AT STATION

Parameter Inventory for Station: CANY0109

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/21/90-05/16/92	4	15.95	16.3	20.3	13.	9.527	3.087	**	**	**	**
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/23/91-05/16/92	3	23.1	23.367	27.	20.	12.303	3.508	**	**	**	**
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/21/90-05/16/92	4	5.2	5.175	7.5	2.8	5.609	2.368	**	**	**	**
00094 SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/21/90-05/16/92	4	388.	383.5	653.	105.	54344.333	233.119	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/21/90-05/16/92	4	363.	390.5	733.	103.	68121.	261.	**	**	**	**
00191 HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	09/21/90-05/16/92	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	09/21/90-05/16/92	4	5.85	5.8	7.3	4.2	1.687	1.299	**	**	**	**
00400 PH (STANDARD UNITS)	09/21/90-05/16/92	4	7.75	7.8	8.	7.7	0.02	0.141	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	09/21/90-05/16/92	4	7.747	7.784	8.	7.7	0.02	0.143	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/21/90-05/16/92	4	0.018	0.016	0.02	0.01	0.	0.005	**	**	**	**
00405 CARBON DIOXIDE (MG/L AS CO2)	09/21/90-05/16/92	4	4.5	4.	6.	1.	4.667	2.16	**	**	**	**
00406 PH, FIELD, STANDARD UNITS SU	09/21/90-05/16/92	4	7.4	7.175	8.3	5.6	1.343	1.159	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS	09/21/90-05/16/92	4	7.304	6.184	8.3	5.6	2.651	1.628	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/21/90-05/16/92	4	0.05	0.654	2.512	0.005	1.535	1.239	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	09/21/90-05/16/92	4	164.	157.5	252.	50.	6859.667	82.823	**	**	**	**
00440 BICARBONATE ION (MG/L AS HCO3)	09/21/90-05/16/92	4	200.5	192.25	307.	61.	10180.917	100.901	**	**	**	**
00445 CARBONATE ION (MG/L AS CO3)	09/21/90-05/16/92	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/23/91-05/16/92	3	5.	8.333	16.	4.	44.333	6.658	**	**	**	**
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/21/90-05/16/92	4 ##	0.025	0.034	0.062	0.025	0.	0.019	**	**	**	**
00613 NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/21/90-09/21/90	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00618 NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/21/90-09/21/90	1	0.44	0.44	0.44	0.44	0.	0.	**	**	**	**
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/21/90-05/16/92	4	0.235	0.213	0.33	0.05	0.017	0.129	**	**	**	**
00631 NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/23/91-05/16/92	3	0.123	0.121	0.176	0.065	0.003	0.056	**	**	**	**
00665 PHOSPHORUS, TOTAL (MG/L AS P)	09/21/90-05/16/92	4 ##	0.005	0.007	0.013	0.005	0.	0.004	**	**	**	**
00666 PHOSPHORUS, DISSOLVED (MG/L AS P)	09/21/90-05/16/92	4 ##	0.005	0.006	0.008	0.005	0.	0.002	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	09/21/90-05/16/92	4	168.35	160.425	254.3	50.7	7028.583	83.837	**	**	**	**

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

Parameter Inventory for Station: CANY0109

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/21/90-05/16/92	4	50.5	45.75	64.	18.	384.25	19.602	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/21/90-05/16/92	4	10.3	11.25	23.	1.4	83.823	9.156	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/21/90-05/16/92	4	11.9	15.075	36.	0.5	267.223	16.347	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/21/90-05/16/92	4	2.3	2.275	3.5	1.	1.369	1.17	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/23/91-05/16/92	3	2.5	8.667	23.	0.5	155.083	12.453	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	09/21/90-05/16/92	4	21.659	26.004	51.	9.7	345.394	18.585	**	**	**
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	09/21/90-05/16/92	4 ##	2.5	2.	2.5	0.5	1.	1.	**	**	**
61027	ANIONS, SUM, TOTAL IN WATER MG/L	08/26/91-05/16/92	2	77.5	77.5	114.	41.	2664.5	51.619	**	**	**
61944	CATIONS, SUM, TOTAL IN WATER, MG/L	08/26/91-05/16/92	2	43.	43.	65.	21.	968.	31.113	**	**	**
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	09/21/90-05/16/92	4	220.	223.5	386.	68.	16966.333	130.255	**	**	**
80110	SPECIFIC GRAVITY WATER-UNITY AT 4C	09/21/90-09/21/90	1	0.151	0.151	0.151	0.151	0.	0.	**	**	**
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/21/90-05/16/92	4 ##	2.5	2.5	2.5	0.	0.	0.	**	**	**
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	09/21/90-05/16/92	4	0.105	0.092	0.12	0.037	0.001	0.037	**	**	**
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/21/90-05/16/92	4 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/21/90-05/16/92	4 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/21/90-05/16/92	4 ##	10.	10.	10.	10.	0.	0.	**	**	**
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	09/21/90-05/16/92	4	0.039	0.038	0.064	0.01	0.	0.022	**	**	**
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/21/90-05/16/92	4 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/21/90-05/16/92	4	12.5	23.875	68.	2.5	889.063	29.817	**	**	**
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/21/90-05/16/92	4 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/21/90-05/16/92	4 ##	1.	1.	1.	1.	0.	0.	**	**	**
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	09/21/90-05/16/92	4 ##	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: CANY0109

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	50.	4	0	0.00	2	0	0.00				2	0	0.00			
00300	OXYGEN, DISSOLVED	4.	4	0	0.00	2	0	0.00				2	0	0.00			
00400	PH	9.	4	0	0.00	2	0	0.00				2	0	0.00			
00406	PH, FIELD	Other-Lo Lim.	4	0	0.00	2	0	0.00				2	0	0.00			
		Fresh Chronic	4	0	0.00	2	0	0.00				2	0	0.00			
		Other-Lo Lim.	4	1	0.25	2	0	0.00				2	1	0.50			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1	0	0.00	1	0	0.00								
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00	1	0	0.00								
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	3	0	0.00	1	0	0.00			2	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	3	0	0.00	1	0	0.00			2	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	3	0	0.00	1	0	0.00			2	0	0.00			
		Fresh Acute	20.	4	0	0.00	2	0	0.00			2	0	0.00			
		Drinking Water	50.	4	0	0.00	2	0	0.00			2	0	0.00			
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	360.	4	0	0.00	2	0	0.00			2	0	0.00			
		Drinking Water	50.	4	0	0.00	2	0	0.00			2	0	0.00			
		Fresh Acute	2.	4	0	0.00	2	0	0.00			2	0	0.00			
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER	Drinking Water	3.9	4	0	0.00	2	0	0.00			2	0	0.00			
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	5.	4	0	0.00	2	0	0.00			2	0	0.00			
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WAT	Drinking Water	100.	4	0	0.00	2	0	0.00			2	0	0.00			
		Fresh Acute	18.	4	0	0.00	2	0	0.00			2	0	0.00			
		Drinking Water	1300.	4	0	0.00	2	0	0.00			2	0	0.00			
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	82.	4	0	0.00	2	0	0.00			2	0	0.00			
		Drinking Water	15.	4	0	0.00	2	0	0.00			2	0	0.00			
		Fresh Acute	2.4	4	0	0.00	2	0	0.00			2	0	0.00			
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER	Drinking Water	2.	4	0	0.00	2	0	0.00			2	0	0.00			
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	4.1	4	0	0.00	2	0	0.00			2	0	0.00			
		Drinking Water	100.	4	0	0.00	2	0	0.00			2	0	0.00			
		Fresh Acute	120.	4	0	0.00	2	0	0.00			2	0	0.00			
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER	Drinking Water	5000.	4	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: CANY0110

NPS Station ID: CANY0110
 Location: (D-30-19)2SCDC-S1
 Station Type: /TYPA/AMBNT/SPRING
 RMI-Indexes:
 RMI-Miles:
 HUC: 14030005
 Major Basin:
 Minor Basin:
 RF1 Index: 14030005
 RF3 Index: 14030005015100.00
 Description:

LAT/LON: 38.143059/-109.791671

Depth of Water: 0
 Elevation: 0

RF1 Mile Point: 0.000
 RF3 Mile Point: 0.00

Agency: 112WRD
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): 380835109473001
 Within Park Boundary: Yes

Date Created: 02/28/78

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.18

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: CANY0110

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/02/68-05/02/68	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/02/68-05/02/68	1	475.	475.	475.	475.	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	05/02/68-05/02/68	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	05/02/68-05/02/68	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/02/68-05/02/68	1	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00440 BICARBONATE ION (MG/L AS HCO3)	05/02/68-05/02/68	1	294.	294.	294.	294.	0.	0.	**	**	**	**
00445 CARBONATE ION (MG/L AS CO3)	05/02/68-05/02/68	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	05/02/68-05/02/68	1	244.	244.	244.	244.	0.	0.	**	**	**	**
00902 HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	05/02/68-05/02/68	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	05/02/68-05/02/68	1	68.	68.	68.	68.	0.	0.	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	05/02/68-05/02/68	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	05/02/68-05/02/68	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00931 SODIUM ADSORPTION RATIO	05/02/68-05/02/68	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	05/02/68-05/02/68	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00940 CHLORIDE, TOTAL IN WATER MG/L	05/02/68-05/02/68	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	05/02/68-05/02/68	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	05/02/68-05/02/68	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SiO2)	05/02/68-05/02/68	1	8.	8.	8.	8.	0.	0.	**	**	**	**
01000 ARSENIC, DISSOLVED (UG/L AS AS)	05/02/68-05/02/68	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01020 BORON, DISSOLVED (UG/L AS B)	05/02/68-05/02/68	1	60.	60.	60.	60.	0.	0.	**	**	**	**
01040 COPPER, DISSOLVED (UG/L AS CU)	05/02/68-05/02/68	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01145 SELENIUM, DISSOLVED (UG/L AS SE)	05/02/68-05/02/68	1	0.	0.	0.	0.	0.	0.	**	**	**	**
22703 URANIUM, NATURAL, DISSOLVED	05/02/68-05/02/68	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
70300 RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	05/02/68-05/02/68	1	279.	279.	279.	279.	0.	0.	**	**	**	**
70301 SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	05/02/68-05/02/68	1	277.	277.	277.	277.	0.	0.	**	**	**	**
71851 NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/02/68-05/02/68	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0110

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
00400 PH	Fresh Chronic	9.	1	0	0.00	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
	Other-Lo Lim.	6.5	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

EPA Water Quality Criteria Analysis for Station: CANY0110

Parameter	Std. Type	Std. Value	Total			7/15-10/14-----			10/15-3/31-----			4/01-5/31-----			6/01-7/14-----		
			Obs	Exceed	Prop.	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			
00945	SULFATE, TOTAL (AS SO4)	250.	1	0	0.00							1	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	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			
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			
01145	SELENIUM, DISSOLVED	20.	1	0	0.00							1	0	0.00			
	Fresh Acute	20.	1	0	0.00							1	0	0.00			
	Drinking Water	50.	1	0	0.00							1	0	0.00			
22703	URANIUM, NATURAL DISSOLVED	20.	1	0	0.00							1	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	44.	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: CANY0111

NPS Station ID: CANY0111 LAT/LON: 38.143642/-109.790282

Location: SQUAW CYN CK .25 MI BL SQUAW SPG DWNSTR

Station Type: /TYPA/AMBNT/STREAM

RMI-Indexes:

RMI-Miles:

HUC: 14030005

Major Basin: COLORADO RIVER

Minor Basin: UPPER COLORADO RIVER

RF1 Index: 14030005

RF3 Index: 14070004002901.17

Depth of Water: 0

Elevation: 0

RF1 Mile Point: 0.000

RF3 Mile Point: 2.36

Agency: 11NPSWRD

FIPS State/County: 49037 UTAH/SAN JUAN

STORET Station ID(s): CANY_NPS_599503/SQ2 /599503

Within Park Boundary: Yes

Date Created: 05/22/99

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 0.80

Distance from RF3: 0.11

On/Off RF1:

On/Off RF3:

Description:

THE STATION IS LOCATED ON THE LOOP UTAH 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. SQUAW CANYON LOWER IS AN INTERMITTENT STREAM AND IS LOCATED INSIDE THE CANYONLANDS NATIONAL PARK BOUNDARY. THE SAMPLES WERE COLLECTED AND ANALYZED BY NATIONAL PARK SERVICE PERSONNEL. THE MONITORING BEGAN IN RESPONSE TO A PROPOSED SITING OF A NUCLEAR WASTE REPOSITORY NEAR THE PARK AS STATED BY B. LONG AND R. SMITH IN THE REPORT "WATER QUALITY DATA ANALYSIS AND INTERPRETATION FOR SPRING MONITORING SITES SOUTHEAST UTAH GROUP" (AUGUST 1996). THE INITIAL MONITORING OBJECTIVES WERE TO ESTABLISH A BASELINE DATABASE; DETECT POTENTIAL CHANGES; AND IDENTIFY AREAS OF CONCERN. THE UTAH DEPARTMENT OF ENVIRONMENTAL QUALITY ANALYZED THE SAMPLES IN A COOPERATIVE EFFORT WITH THE PARK SERVICE BEGINNING 5/23/1991. THESE DATA CAN BE FOUND UNDER THE STATION 599503. DATA WERE PROCESSED AND UPLOADED TO STORET BY LISA DUMMER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: CANY0111

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/12/85-05/17/90	11	21.3	19.009	30.2	1.1	63.407	7.963	3.6	14.5	24.1	29.54
00090 OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	05/17/90-05/17/90	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00094 SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	02/12/85-05/17/90	11	585.	508.091	834.	258.	41639.691	204.058	260.2	285.	674.	809.4
00300 OXYGEN, DISSOLVED MG/L	02/12/85-05/17/90	9	8.2	8.033	12.4	4.2	6.31	2.512	4.2	6.1	9.65	12.4
00400 PH (STANDARD UNITS)	02/12/85-05/17/90	11	7.25	7.085	8.47	5.	1.389	1.178	5.04	6.45	8.	8.43
00400 CONVERTED PH (STANDARD UNITS)	02/12/85-05/17/90	11	7.25	5.807	8.47	5.	3.186	1.785	5.04	6.45	8.	8.43
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/12/85-05/17/90	11	0.056	1.559	10.	0.003	11.33	3.366	0.004	0.01	0.355	9.262
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	02/12/85-05/17/90	11	154.	171.818	308.	8.5	10287.314	101.426	8.5	120.	260.	302.4
00480 SALINITY - PARTS PER THOUSAND	05/17/90-05/17/90	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	02/12/85-05/17/90	9 ##	0.05	0.267	1.9	0.05	0.376	0.613	0.05	0.05	0.1	1.9
00655 PHOSPHATE, POLY (MG/L AS PO4)	02/12/85-05/17/90	10	1.285	1.587	4.	0.3	1.273	1.128	0.33	0.675	2.5	3.85
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	02/12/85-05/17/90	10	179.5	209.3	359.	130.	6095.344	78.073	130.7	149.75	270.	353.1
00940 CHLORIDE, TOTAL IN WATER MG/L	06/09/87-05/17/90	7	91.	98.143	197.	21.	4143.81	64.372	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	02/12/85-05/17/90	10	31.5	36.6	75.	18.	347.6	18.644	18.4	22.75	43.25	74.
01042 COPPER, TOTAL (UG/L AS CU)	02/12/85-05/17/90	10 ##	50.	67.	220.	50.	2890.	53.759	50.	50.	50.	203.
01045 IRON, TOTAL (UG/L AS FE)	02/12/85-05/17/90	9 ##	50.	132.222	600.	50.	32769.444	181.023	50.	50.	145.	600.
01055 MANGANESE, TOTAL (UG/L AS MN)	02/12/85-05/17/90	9 ##	50.	150.	500.	50.	22500.	150.	50.	50.	200.	500.
31501 COLIFORM, TOT, MEMBRANE FILTER, IMMED. M-ENDO MED, 35C	12/13/84-05/17/90	11 ##	0.	359.545	3100.	0.	869052.273	932.23	0.	0.	100.	2620.
31501 LOG COLIFORM, TOT, MEMBRANE FILTER, IMMED. M-ENDO MED,	12/13/84-05/17/90	11 ##	0.	0.976	3.491	0.	1.718	1.311	0.	0.	2.	3.362

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

Parameter Inventory for Station: CANY0111

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501 GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			9.459								
31616 FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/09/87-05/17/90	7 ##	0.	114.286	600.	0.	48628.571	220.519	**	**	**	**
31616 LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/09/87-05/17/90	7 ##	0.	0.957	2.778	0.	1.511	1.229	**	**	**	**
31616 GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			9.068								

** - 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: CANY0111

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	9	0	0.00	3	0	0.00	1	0	0.00	4	0	0.00	1	0	0.00
00400 PH	Fresh Chronic	9.	11	0	0.00	4	0	0.00	1	0	0.00	5	0	0.00	1	0	0.00
	Other-Lo Lim.	6.5	11	4	0.36	4	0	0.00	1	1	1.00	5	3	0.60	1	0	0.00
00620 NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	9	0	0.00	4	0	0.00	1	0	0.00	4	0	0.00			
00940 CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	7	0	0.00	3	0	0.00				3	0	0.00	1	0	0.00
	Drinking Water	250.	7	0	0.00	3	0	0.00				3	0	0.00	1	0	0.00
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	250.	10	0	0.00	4	0	0.00	1	0	0.00	5	0	0.00			
01042 COPPER, TOTAL	Fresh Acute	18.	1 &	1	1.00							1	1	1.00			
	Drinking Water	1300.	10	0	0.00	4	0	0.00	1	0	0.00	5	0	0.00			
31501 COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	11	1	0.09	4	0	0.00	2	1	0.50	4	0	0.00	1	0	0.00
31616 FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	7	1	0.14	3	0	0.00				3	1	0.33	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: CANY0112

NPS Station ID: CANY0112 Location: SQUAW CANYON LARGE POOL Station Type: /TYP/AMBNT/STREAM RMI-Indexes: RMI-Miles: HUC: 14030005 Major Basin: COLORADO RIVER Minor Basin: UPPER COLORADO RIVER RF1 Index: 14030005 RF3 Index: 14070004002901.17 Description: THE STATION IS LOCATED ON THE LOOP UT 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT A LARGE POOL IN SQUAW CANYON AND IS INSIDE THE CANYONLANDS NATIONAL PARK. THE DATA ARE FROM THE REPORT "ARCHES AND CANYONLANDS NATIONAL PARK AQUATIC STUDY" BY J. CONNOR (NPS) AND W.G. KEPNER (BLM) (1983). THE PURPOSE OF THE STUDY WAS TO MONITOR THE IMPACTS BY VISITORS IN THE BACKCOUNTRY TO WATER SOURCES IN THE PARKS. THE STUDY WAS A JOINT EFFORT BETWEEN THE NATIONAL PARK SERVICE AND THE BUREAU OF LAND MANAGEMENT. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT CANYONLANDS NATIONAL PARK; 2282 WEST RESOURCE BLVD.; MOAB UT 84532 (TEL. 801-259-7164). DATA WERE PROCESSED AND UPLOADED TO STORET BY LISA DUMMER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DR. SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).	LAT/LON: 38.143642/-109.790282 Depth of Water: 0 Elevation: 5000 RF1 Mile Point: 0.000 RF3 Mile Point: 2.36	Agency: 11NPSWRD FIPS State/County: 49037 UTAH/SAN JUAN STORET Station ID(s): CANY_BLM_SQCN Within Park Boundary: Yes Aquifer: Water Body Id: ECO Region: Distance from RF1: 0.80 Distance from RF3: 0.11
		Date Created: 08/07/99 On/Off RF1: On/Off RF3:

Parameter Inventory for Station: CANY0112

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/24/83-08/24/83	1	20.4	20.4	20.4	20.4	0.	0.	**	**	**	**
00094 SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	08/24/83-08/24/83	1	794.	794.	794.	794.	0.	0.	**	**	**	**
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/24/83-08/24/83	1	5.2	5.2	5.2	5.2	0.	0.	**	**	**	**
00406 PH, FIELD, STANDARD UNITS SU	08/24/83-08/24/83	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS	08/24/83-08/24/83	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/24/83-08/24/83	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	08/24/83-08/24/83	1	260.	260.	260.	260.	0.	0.	**	**	**	**
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	08/24/83-08/24/83	1	0.11	0.11	0.11	0.11	0.	0.	**	**	**	**
00660 PHOSPHATE, ORTHO (MG/L AS PO4)	08/24/83-08/24/83	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	08/24/83-08/24/83	1	390.	390.	390.	390.	0.	0.	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	08/24/83-08/24/83	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: CANY0112

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00	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	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

EPA Water Quality Criteria Analysis for Station: CANY0112

Parameter	Std. Type	Std. Value	Total	Exceed	Prop.	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
			Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00620	NITRATE NITROGEN, TOTAL AS N	10.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	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: CANY0113

NPS Station ID: CANY0113 LAT/LON: 38.143500/-109.790167

Location: SQUAW CYN CK .25 MI BL SQUAW SPG DWNSTR SQ-2

Station Type: /TYPA/AMBNT/STREAM

RMI-Indexes:

RMI-Miles:

HUC: 14030005

Major Basin:

Minor Basin:

RF1 Index:

RF3 Index: 14030005058500.73

Description:

WATER QUALITY STATION IS LOCATED IN CANYONLANDS NP. THIS PARK
WATER SAMPLES WERE COLLECTED BY CANYONLANDS NATIONAL PARK
435-259-3911); ANALYZED BY THE UTAH DEPARTMENT OF HEALTH
ENV QUALITY - DIVISION OF WATER QUALITY. DATA COLLECTED AT THE
CANY_NPS_599503.

Depth of Water: 0

Elevation: 0

RF1 Mile Point: 0.000

RF3 Mile Point: 7.00

Agency: 21UTAH

FIPS State/County: 49037 UTAH/SAN JUAN

STORET Station ID(s): 599503

Within Park Boundary: Yes

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 0.00

Distance from RF3: 0.38

Date Created: / /

On/Off RF1:

On/Off RF3:

IS MANAGED BY THE NATIONAL PARK SERVICE'S SOUTHEAST UTAH GROUP.
NATURAL RES MANAGEMENT STAFF (125 W. 200 S.; MOAB UT 84532; TELEPHONE:
LABORATORY; AND UPLOADED INTO STORET BY THE UTAH DEPARTMENT OF
SAME LOCATION PRIOR TO 5/23/1991 CAN BE FOUND AT STATION

Parameter Inventory for Station: CANY0113

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/91-05/16/92	3	19.2	21.133	27.1	17.1	27.803	5.273	**	**	**	**
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/23/91-05/16/92	3	21.	23.267	28.8	20.	23.213	4.818	**	**	**	**
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/23/91-05/16/92	3	24.	17.8	28.	1.4	205.72	14.343	**	**	**	**
00094 SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/23/91-05/16/92	3	528.	505.667	850.	139.	126754.333	356.026	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/23/91-05/16/92	3	553.	507.667	826.	144.	117822.333	343.253	**	**	**	**
00191 HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	05/23/91-05/16/92	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	05/23/91-05/16/92	3	6.5	6.633	9.7	3.7	9.013	3.002	**	**	**	**
00335 COD, .025N K2CR2O7 MG/L	05/16/92-05/16/92	1 ##	7.	7.	7.	7.	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	05/23/91-05/16/92	3	7.8	7.767	8.	7.5	0.063	0.252	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	05/23/91-05/16/92	3	7.8	7.718	8.	7.5	0.067	0.259	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/91-05/16/92	3	0.016	0.019	0.032	0.01	0.	0.011	**	**	**	**
00405 CARBON DIOXIDE (MG/L AS CO2)	05/23/91-05/16/92	3	4.	5.667	10.	3.	14.333	3.786	**	**	**	**
00406 PH, FIELD, STANDARD UNITS SU	05/23/91-05/16/92	3	7.8	7.867	8.	7.8	0.013	0.115	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS	05/23/91-05/16/92	3	7.8	7.857	8.	7.8	0.013	0.116	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/91-05/16/92	3	0.016	0.014	0.016	0.01	0.	0.003	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	05/23/91-05/16/92	3	255.	214.333	332.	56.	20284.333	142.423	**	**	**	**
00440 BICARBONATE ION (MG/L AS HCO3)	05/23/91-05/16/92	3	312.	261.667	405.	68.	30292.333	174.047	**	**	**	**
00445 CARBONATE ION (MG/L AS CO3)	05/23/91-05/16/92	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/23/91-05/16/92	3	32.	46.	97.	9.	2083.	45.64	**	**	**	**
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/23/91-05/16/92	3 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/23/91-05/16/92	3	0.41	0.557	1.	0.26	0.153	0.391	**	**	**	**
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/16/92-05/16/92	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00631 NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/23/91-08/28/91	2 ##	0.268	0.268	0.53	0.005	0.138	0.371	**	**	**	**
00665 PHOSPHORUS, TOTAL (MG/L AS P)	05/23/91-05/16/92	3	0.016	0.034	0.074	0.013	0.001	0.034	**	**	**	**
00666 PHOSPHORUS, DISSOLVED (MG/L AS P)	05/23/91-08/28/91	2	0.017	0.017	0.019	0.014	0.	0.004	**	**	**	**
00680 CARBON, TOTAL ORGANIC (MG/L AS C)	05/16/92-05/16/92	1	3.094	3.094	3.094	3.094	0.	0.	**	**	**	**

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

Parameter Inventory for Station: CANY0113

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	05/23/91-05/16/92	3	171.2	218.333	418.7	65.1	32924.403	181.451	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	05/23/91-05/16/92	3	34.	58.333	120.	21.	2894.333	53.799	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/23/91-05/16/92	3	21.	17.7	29.	3.1	175.87	13.262	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS Na)	05/23/91-05/16/92	3	25.	19.967	31.	3.9	202.603	14.234	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/23/91-05/16/92	3	2.1	2.2	2.6	1.9	0.13	0.361	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/23/91-05/16/92	3	14.8	10.6	15.	2.	55.48	7.448	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/23/91-05/16/92	3	30.064	51.155	110.	13.4	2666.502	51.638	**	**	**
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	05/23/91-05/16/92	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
61027	ANIONS, SUM, TOTAL IN WATER MG/L	08/28/91-05/16/92	2	123.	123.	198.	48.	11250.	106.066	**	**	**
61944	CATIONS, SUM, TOTAL IN WATER, MG/L	08/28/91-05/16/92	2	56.	56.	82.	30.	1352.	36.77	**	**	**
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	05/23/91-05/16/92	3	360.	334.	538.	104.	47596.	218.165	**	**	**
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER MG/L	05/23/91-05/16/92	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	05/23/91-05/16/92	3	0.13	0.148	0.26	0.055	0.011	0.104	**	**	**
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/23/91-05/16/92	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/23/91-05/16/92	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/23/91-05/16/92	3 ##	10.	10.	10.	10.	0.	0.	**	**	**
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	05/23/91-05/16/92	3	0.2	0.56	1.3	0.18	0.411	0.641	**	**	**
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/23/91-05/16/92	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/23/91-05/16/92	3	60.	142.667	330.	38.	26441.333	162.608	**	**	**
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/23/91-05/16/92	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/23/91-05/16/92	3 ##	1.	1.5	2.5	1.	0.75	0.866	**	**	**
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/23/91-05/16/92	3 ##	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: CANY0113

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	50.	3	0	0.00	1	0	0.00				2	0	0.00			
00300	OXYGEN, DISSOLVED	4.	3	1	0.33	1	1	1.00				2	0	0.00			
00400	PH	9.	3	0	0.00	1	0	0.00				2	0	0.00			
	Other-Lo Lim.	6.5	3	0	0.00	1	0	0.00				2	0	0.00			
00406	PH, FIELD	9.	3	0	0.00	1	0	0.00				2	0	0.00			
	Other-Lo Lim.	6.5	3	0	0.00	1	0	0.00				2	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	10.	1	0	0.00							1	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	10.	2	0	0.00	1	0	0.00				1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	860.	3	0	0.00	1	0	0.00				2	0	0.00			
	Drinking Water	250.	3	0	0.00	1	0	0.00				2	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	250.	3	0	0.00	1	0	0.00				2	0	0.00			
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE	20.	3	0	0.00	1	0	0.00				2	0	0.00			
	Fresh Acute	50.	3	0	0.00	1	0	0.00				2	0	0.00			
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATE	360.	3	0	0.00	1	0	0.00				2	0	0.00			
	Drinking Water	50.	3	0	0.00	1	0	0.00				2	0	0.00			
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER	2.	3	0	0.00	1	0	0.00				2	0	0.00			
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATE	3.9	3	0	0.00	1	0	0.00				2	0	0.00			
	Fresh Acute	5.	3	0	0.00	1	0	0.00				2	0	0.00			
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WAT	100.	3	0	0.00	1	0	0.00				2	0	0.00			
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER	18.	3	0	0.00	1	0	0.00				2	0	0.00			
	Drinking Water	1300.	3	0	0.00	1	0	0.00				2	0	0.00			
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER	82.	3	0	0.00	1	0	0.00				2	0	0.00			
	Fresh Acute	15.	3	0	0.00	1	0	0.00				2	0	0.00			
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATE	2.4	3	0	0.00	1	0	0.00				2	0	0.00			
	Drinking Water	2.	3	0	0.00	1	0	0.00				2	0	0.00			
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER	4.1	3	0	0.00	1	0	0.00				2	0	0.00			
	Fresh Acute	100.	3	0	0.00	1	0	0.00				2	0	0.00			
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER	120.	3	0	0.00	1	0	0.00				2	0	0.00			
	Drinking Water	5000.	3	0	0.00	1	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: CANY0114

NPS Station ID: CANY0114 Location: (D-30-19)26CBC-S1 BIG SPRING Station Type: /TYPA/AMBNT/SPRING RMI-Indexes: RMI-Miles: HUC: 14030005 Major Basin: COLORADO RIVER Minor Basin: UPPER COLORADO RIVER RF1 Index: 14030005 RF3 Index: 14070004002901.17 Description: The station is located on The Loop Utah 7.5 minute series (topographic) quadrangle. The site is at Big Spring in Canyonlands National Park. Big Spring is approximately 200 meters downstream from a road crossing. The water issues from the base of a rock outcrop. Formation: Cedar Mesa. Substrate: Bedrock. The data are from the report "Water Resources Descriptions and Data Base Canyonlands National Park Needles District and Adjacent BLM Lands" prepared by Ecosystems Research Institute (October 1984). For information on Canyonlands National Park; contact the Chief of Resources at Canyonlands National Park; 2282 S. West Resource Blvd.; Moab UT 84532 (Tel. 801-259-7164). Data were processed and uploaded to STORET by Lisa Dummer; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).	LAT/LON: 38.146198/-109.815198 Depth of Water: 0 Elevation: 0 RF1 Mile Point: 0.000 RF3 Mile Point: 2.36	Agency: 11NPSWRD FIPS State/County: 49037 UTAH/SAN JUAN STORET Station ID(s): CANY_ERI_BS4 Within Park Boundary: Yes Aquifer: Water Body Id: ECO Region: Distance from RF1: 0.80 Distance from RF3: 0.11

Date Created: 08/21/99

On/Off RF1:
On/Off RF3:

Parameter Inventory for Station: CANY0114

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/28/84-04/28/84	1	11.5	11.5	11.5	11.5	0.	0.	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	04/28/84-04/28/84	1	5.6	5.6	5.6	5.6	0.	0.	**	**	**	**
00406 PH, FIELD, STANDARD UNITS SU	04/28/84-04/28/84	1	7.16	7.16	7.16	7.16	0.	0.	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS	04/28/84-04/28/84	1	7.16	7.16	7.16	7.16	0.	0.	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/28/84-04/28/84	1	0.069	0.069	0.069	0.069	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0114

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	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: CANY0115

NPS Station ID: CANY0115
 Location: BIG SPRINGS
 Station Type: /TYPA/AMBNT/SPRING
 RMI-Indexes:
 RMI-Miles:
 HUC: 14030005
 Major Basin: COLORADO RIVER
 Minor Basin: UPPER COLORADO RIVER
 RF1 Index: 14030005
 RF3 Index: 14070004002901.17

LAT/LON: 38.146087/-109.815227

Depth of Water: 0
 Elevation: 0

RF1 Mile Point: 0.000
 RF3 Mile Point: 2.36

Agency: 11NPSWRD
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): CANY_NPS_29
 Within Park Boundary: Yes

Date Created: 08/02/99

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.80
 Distance from RF3: 0.11

On/Off RF1:
 On/Off RF3:

Description:
 THE STATION IS LOCATED ON THE LOOP UTAH 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT BIG SPRINGS INSIDE THE CANYONLANDS NATIONAL PARK. THE DATA ARE FROM THE REPORT "GROUND WATER RESOURCES IN THE PART OF CANYONLANDS NATIONAL PARK EAST OF THE COLORADO RIVER AND CONTIGUOUS BUREAU OF LAND MANAGEMENT LANDS; UTAH" BY H.R. RICHTER; JR. (APRIL 1980). THE PURPOSE OF THE REPORT IS "TO (1) DESCRIBE THE OCCURRENCE AND CIRCULATION OF GROUND WATER AND (2) IDENTIFY POTENTIALLY DEVELOPABLE GROUND WATER SUPPLIES." FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT CANYONLANDS NATIONAL PARK; 2282 S. WEST RESOURCES BLVD.; MOAB UT 84532 (TEL. 801-259-7164). DATA WERE PROCESSED AND UPLOADED TO STORET BY LISA DUMMER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: CANY0115

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/02/78-07/02/78	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00058 FLOW, RATE GALLONS/MIN	07/02/78-07/02/78	1	4.3	4.3	4.3	4.3	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/02/78-07/02/78	1	452.	452.	452.	452.	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	07/02/78-07/02/78	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	07/02/78-07/02/78	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/02/78-07/02/78	1	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00440 BICARBONATE ION (MG/L AS HCO3)	07/02/78-07/02/78	1	287.	287.	287.	287.	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	07/02/78-07/02/78	1	240.	240.	240.	240.	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	07/02/78-07/02/78	1	70.	70.	70.	70.	0.	0.	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	07/02/78-07/02/78	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	07/02/78-07/02/78	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	07/02/78-07/02/78	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	07/02/78-07/02/78	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00946 SULFATE, DISSOLVED (MG/L AS SO4)	07/02/78-07/02/78	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	07/02/78-07/02/78	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SiO2)	07/02/78-07/02/78	1	4.6	4.6	4.6	4.6	0.	0.	**	**	**	**
01020 BORON, DISSOLVED (UG/L AS B)	07/02/78-07/02/78	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
70300 RESIDUE, TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/02/78-07/02/78	1	271.	271.	271.	271.	0.	0.	**	**	**	**
71851 NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/02/78-07/02/78	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: CANY0115

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
							Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	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
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
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: CANY0116

NPS Station ID: CANY0116
 Location: (D-30-19)26CBC-S1
 Station Type: /TYPA/AMBNT/SPRING
 RMI-Indexes:
 RMI-Miles:
 HUC: 14030005
 Major Basin:
 Minor Basin:
 RF1 Index: 14030005
 RF3 Index: 14030005059100.00
 Description:

LAT/LON: 38.147226/-109.815281

Depth of Water: 0
 Elevation: 0

RF1 Mile Point: 0.000
 RF3 Mile Point: 2.05

Agency: 112WRD
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): 380850109485501
 Within Park Boundary: Yes

Date Created: 02/28/78

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.03

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: CANY0116

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/02/68-05/02/68	1	16.	16.	16.	16.	0.	0.	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/02/68-05/02/68	1	439.	439.	439.	439.	0.	0.	**	**	**
00400	PH (STANDARD UNITS)	05/02/68-05/02/68	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/02/68-05/02/68	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/02/68-05/02/68	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	05/02/68-05/02/68	1	276.	276.	276.	276.	0.	0.	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	05/02/68-05/02/68	1	0.	0.	0.	0.	0.	0.	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	05/02/68-05/02/68	1	230.	230.	230.	230.	0.	0.	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	05/02/68-05/02/68	1	4.	4.	4.	4.	0.	0.	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	05/02/68-05/02/68	1	63.	63.	63.	63.	0.	0.	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/02/68-05/02/68	1	18.	18.	18.	18.	0.	0.	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS Na)	05/02/68-05/02/68	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**
00931	SODIUM ADSORPTION RATIO	05/02/68-05/02/68	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/02/68-05/02/68	1	2.	2.	2.	2.	0.	0.	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	05/02/68-05/02/68	1	4.	4.	4.	4.	0.	0.	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	05/02/68-05/02/68	1	13.	13.	13.	13.	0.	0.	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/02/68-05/02/68	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SiO2)	05/02/68-05/02/68	1	4.6	4.6	4.6	4.6	0.	0.	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	05/02/68-05/02/68	1	10.	10.	10.	10.	0.	0.	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	05/02/68-05/02/68	1	70.	70.	70.	70.	0.	0.	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	05/02/68-05/02/68	1	10.	10.	10.	10.	0.	0.	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	05/02/68-05/02/68	1	0.	0.	0.	0.	0.	0.	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	05/02/68-05/02/68	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	05/02/68-05/02/68	1	257.	257.	257.	257.	0.	0.	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	05/02/68-05/02/68	1	250.	250.	250.	250.	0.	0.	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/02/68-05/02/68	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: CANY0116

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
							Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	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

EPA Water Quality Criteria Analysis for Station: CANY0116

Parameter	Std. Type	Std. Value	Total			-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
			Obs	Exceed	Prop.	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			
00945	SULFATE, TOTAL (AS SO4)	250.	1	0	0.00							1	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	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			
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			
01145	SELENIUM, DISSOLVED																
	Fresh Acute	20.	1	0	0.00							1	0	0.00			
	Drinking Water	50.	1	0	0.00							1	0	0.00			
22703	URANIUM, NATURAL DISSOLVED	20.	1	0	0.00							1	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	44.	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: CANY0117

NPS Station ID: CANY0117
 Location: INDIAN CK AT CYNLND S NTL PK ROAD XING
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 14030005
 Major Basin:
 Minor Basin:
 RF1 Index:
 RF3 Index: 14030005001400.00
 Description:

LAT/LON: 38.147500/-109.623333

Depth of Water: 0
 Elevation: 0

RF1 Mile Point: 0.000
 RF3 Mile Point: 0.16

Agency: 21UTAH
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): 495570
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.16

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: CANY0117

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/27/79-03/16/82	6	12.75	14.083	24.	7.	36.842	6.07	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/27/79-03/16/82	6	4.5	5.367	16.	0.2	30.647	5.536	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/27/79-03/16/82	6	132.5	248.267	1000.	4.	142335.867	377.274	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/27/79-03/16/82	6	1075.	1201.667	2200.	750.	299416.667	547.19	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/27/79-03/16/82	6	877.5	1035.833	1670.	710.	129904.167	360.422	**	**	**
00300	OXYGEN, DISSOLVED MG/L	03/27/79-03/16/82	6	8.9	8.683	10.6	7.1	1.834	1.354	**	**	**
00335	COD, .025N K2CR2O7 MG/L	03/27/80-03/16/82	4 ##	16.75	18.5	33.	7.5	169.5	13.019	**	**	**
00400	PH (STANDARD UNITS)	03/27/79-03/27/79	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	03/27/79-03/27/79	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/27/79-03/27/79	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	03/27/79-03/16/82	6	2.	2.167	4.	1.	1.367	1.169	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	03/27/79-03/16/82	5	8.4	8.28	8.4	8.	0.032	0.179	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	03/27/79-03/16/82	5	8.4	8.248	8.4	8.	0.033	0.182	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/27/79-03/16/82	5	0.004	0.006	0.01	0.004	0.	0.003	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/27/79-03/16/82	6	256.5	279.667	341.	235.	2319.067	48.157	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	03/27/79-03/16/82	6	309.	334.333	416.	274.	3291.867	57.375	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	03/27/79-07/29/80	3	6.	6.667	10.	4.	9.333	3.055	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/27/80-03/16/82	4	345.5	300.	500.	9.	42988.667	207.337	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/27/79-03/16/82	6 ##	0.05	0.067	0.1	0.05	0.001	0.026	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/27/79-03/25/81	5 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/27/79-03/25/81	5	0.15	0.155	0.3	0.025	0.011	0.104	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/27/79-03/16/82	6	0.2	0.175	0.3	0.05	0.008	0.088	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/27/79-03/16/82	6 ##	0.038	0.088	0.3	0.025	0.012	0.108	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/27/79-03/16/82	6	0.16	0.325	1.18	0.02	0.195	0.441	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/27/79-03/16/82	5	5.4	5.96	11.4	1.8	17.648	4.201	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/27/79-03/16/82	6	265.	274.	340.	216.	1766.4	42.029	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/27/79-03/16/82	6	50.	50.167	56.	44.	18.567	4.309	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/27/79-03/16/82	6	34.	36.167	56.	23.	122.567	11.071	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/27/79-03/16/82	6	88.5	118.333	235.	60.	4432.267	66.575	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/27/79-03/16/82	6	4.5	4.667	7.	3.	1.867	1.366	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/27/79-03/16/82	6	68.	93.5	210.	39.	3993.9	63.197	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/27/79-03/16/82	6	111.	146.	260.	93.	4534.	67.335	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/27/79-03/25/81	5	0.4	0.444	0.64	0.3	0.018	0.136	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/27/79-03/25/81	5	12.	12.4	15.	11.	2.8	1.673	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	03/27/79-03/25/81	4	6.	5.75	9.	2.	10.917	3.304	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	03/27/79-03/25/81	4 ##	37.5	62.5	150.	25.	3541.667	59.512	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	03/27/79-03/25/81	5	245.	239.	325.	150.	5792.5	76.108	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	03/27/79-03/25/81	4 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**

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Parameter Inventory for Station: CANY0117

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	03/27/79-03/25/81	4 ##	6.	6.125	10.	2.5	10.063	3.172	**	**	**	**
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	03/27/79-03/25/81	5 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	03/27/79-03/25/81	4 ##	5.	4.375	5.	2.5	1.563	1.25	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	03/27/79-03/25/81	4 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	03/27/79-03/25/81	4 ##	2.5	3.125	5.	2.5	1.563	1.25	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/27/79-03/25/81	4 ##	5.	4.375	5.	2.5	1.563	1.25	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	03/27/79-03/25/81	4 ##	11.25	10.	12.5	5.	12.5	3.536	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	03/27/79-03/25/81	4 ##	1.75	1.75	2.5	1.	0.75	0.866	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	03/27/79-03/25/81	4 ##	3.75	5.	10.	2.5	12.5	3.536	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	03/27/79-03/25/81	4 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	03/27/80-03/16/82	2 ##	0.375	0.375	0.5	0.25	0.031	0.177	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	03/27/79-03/25/81	4	510.	505.	930.	70.	240900.	490.816	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	03/27/79-03/25/81	4	2.461	2.434	2.968	1.845	0.383	0.619	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			271.692								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	03/27/79-03/25/81	4	65.	267.875	930.	11.5	195901.396	442.607	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	03/27/79-03/25/81	4	1.778	1.896	2.968	1.061	0.646	0.804	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			78.772								
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	03/27/79-03/27/79	1 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/27/79-03/16/82	6	498.	621.	996.	428.	52148.4	228.36	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/27/79-03/25/81	5	0.02	0.022	0.04	0.01	0.	0.013	**	**	**	**
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/27/80-03/16/82	2	3.5	3.5	4.	3.	0.5	0.707	**	**	**	**
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	03/27/80-03/16/82	2 ##	0.083	0.083	0.14	0.025	0.007	0.081	**	**	**	**
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/27/80-03/16/82	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/27/80-03/16/82	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/27/80-03/16/82	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	03/27/79-03/16/82	6	0.265	0.877	3.85	0.015	2.233	1.494	**	**	**	**
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/27/80-03/16/82	2 ##	3.75	3.75	5.	2.5	3.125	1.768	**	**	**	**
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/27/80-03/16/82	2	142.	142.	145.	139.	18.	4.243	**	**	**	**
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/27/79-03/16/82	6 ##	0.05	0.158	0.7	0.05	0.07	0.265	**	**	**	**
82715	NICKEL, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/27/80-03/16/82	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/27/80-03/16/82	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/27/80-03/16/82	2	31.5	31.5	50.	13.	684.5	26.163	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0117

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	6	0.67	2	1	0.50	4	3	0.75						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	6	0.00	2	0	0.00	4	0	0.00						
00400	PH	Fresh Chronic	9.	1	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0.00				1	0	0.00						
00406	PH, FIELD	Fresh Chronic	9.	5	0.00	1	0	0.00	4	0	0.00						
		Other-Lo Lim.	6.5	5	0.00	1	0	0.00	4	0	0.00						
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	5	0.00	2	0	0.00	3	0	0.00						
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	5	0.00	2	0	0.00	3	0	0.00						
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	6	0.00	2	0	0.00	4	0	0.00						
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	6	0.00	2	0	0.00	4	0	0.00						
		Drinking Water	250.	6	0.00	2	0	0.00	4	0	0.00						
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	6	0.17	2	0	0.00	4	1	0.25						
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	5	0.00	2	0	0.00	3	0	0.00						
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	4	0.00	2	0	0.00	2	0	0.00						
		Drinking Water	50.	4	0.00	2	0	0.00	2	0	0.00						
01005	BARIUM, DISSOLVED	Drinking Water	2000.	4	0.00	2	0	0.00	2	0	0.00						
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	4	0.00	2	0	0.00	2	0	0.00						
		Drinking Water	5.	4	0.00	2	0	0.00	2	0	0.00						
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	4	0.00	2	0	0.00	2	0	0.00						
01032	CHROMIUM, HEXAVALENT	Fresh Acute	16.	5	0.00	2	0	0.00	3	0	0.00						
		Drinking Water	100.	5	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

EPA Water Quality Criteria Analysis for Station: CANY0117

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
01040	COPPER, DISSOLVED	Fresh Acute 18.	4	0	0.00	2	0	0.00	2	0	0.00						
	Drinking Water	1300.	4	0	0.00	2	0	0.00	2	0	0.00						
01049	LEAD, DISSOLVED	Fresh Acute 82.	4	0	0.00	2	0	0.00	2	0	0.00						
	Drinking Water	15.	4	0	0.00	2	0	0.00	2	0	0.00						
01065	NICKEL, DISSOLVED	Fresh Acute 1400.	4	0	0.00	2	0	0.00	2	0	0.00						
	Drinking Water	100.	4	0	0.00	2	0	0.00	2	0	0.00						
01075	SILVER, DISSOLVED	Fresh Acute 4.1	4	0	0.00	2	0	0.00	2	0	0.00						
	Drinking Water	100.	4	0	0.00	2	0	0.00	2	0	0.00						
01090	ZINC, DISSOLVED	Fresh Acute 120.	4	0	0.00	2	0	0.00	2	0	0.00						
	Drinking Water	5000.	4	0	0.00	2	0	0.00	2	0	0.00						
01145	SELENIUM, DISSOLVED	Fresh Acute 20.	4	0	0.00	2	0	0.00	2	0	0.00						
	Drinking Water	50.	4	0	0.00	2	0	0.00	2	0	0.00						
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE	Fresh Acute 20.	2	0	0.00				2	0	0.00						
	Drinking Water	50.	2	0	0.00				2	0	0.00						
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim. 1000.	4	0	0.00	1	0	0.00	3	0	0.00						
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim. 200.	4	1	0.25	1	0	0.00	3	1	0.33						
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute 360.	2	0	0.00				2	0	0.00						
	Drinking Water	50.	2	0	0.00				2	0	0.00						
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER	Drinking Water 2.	2	0	0.00				2	0	0.00						
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute 3.9	2	0	0.00				2	0	0.00						
	Drinking Water	5.	2	0	0.00				2	0	0.00						
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WAT	Drinking Water 100.	2	0	0.00				2	0	0.00						
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute 18.	2	0	0.00				2	0	0.00						
	Drinking Water	1300.	2	0	0.00				2	0	0.00						
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute 82.	2	0	0.00				2	0	0.00						
	Drinking Water	15.	2	0	0.00				2	0	0.00						
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute 2.4	6	0	0.00	2	0	0.00	4	0	0.00						
	Drinking Water	2.	6	0	0.00	2	0	0.00	4	0	0.00						
82715	NICKEL, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute 1400.	2	0	0.00				2	0	0.00						
	Drinking Water	100.	2	0	0.00				2	0	0.00						
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute 4.1	2	0	0.00				2	0	0.00						
	Drinking Water	100.	2	0	0.00				2	0	0.00						
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute 120.	2	0	0.00				2	0	0.00						
	Drinking Water	5000.	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: CANY0118

NPS Station ID: CANY0118 LAT/LON: 38.149142/-109.622782

Location: (D-30-21)28DC BLM #156 (CANYONLANDS RD XING)

Station Type: /TYP/AMBNT/STREAM

RMI-Indexes:

RMI-Miles:

HUC: 14030005

Major Basin: COLORADO RIVER

Minor Basin: UPPER COLORADO RIVER

RF1 Index: 14030005

RF3 Index: 14070004002901.17

Description:

The station is located on the Harts Point North Utah 7.5 minute series (topographic) quadrangle. The site is at BLM #156 in Indian Creek just north of the bridge outside Canyonlands National Park. This location is classified as a rise. During sampling it was a flowing stream due to runoff. This is an ephemeral segment of Indian Creek so rise is the appropriate classification. Bacteriological samples were held longer than 30 hours. Flow was estimated velocity X width X average depth. The data are from the report "Water Resources Descriptions and Data Base Canyonlands National Park Needles District and Adjacent BLM Lands" prepared by Ecosystems Research Institute (October 1984). For information on Canyonlands National Park; contact the Chief of Resources at Canyonlands National Park; 2282 S. West Resource Blvd.; Moab UT 84532 (Tel. 801-259-7164). Data were processed and uploaded to STORET by Lisa Dummer; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Agency: 11NPSWRD

FIPS State/County: 49037 UTAH/SAN JUAN

STORET Station ID(s): CANY_ERI_IC6

Within Park Boundary: No

Date Created: 08/21/99

Depth of Water: 0

Elevation: 0

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 0.80

Distance from RF3: 0.11

On/Off RF1:

On/Off RF3:

Parameter Inventory for Station: CANY0118

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00004	STREAM WIDTH (FEET)	09/15/81-09/15/81	1	10.	10.	10.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/27/79-04/24/84	8	15.5	16.313	25.	44.496	6.67	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/15/81-03/16/82	2	20.	20.	28.	128.	11.314	**	**	**	**
00055	VELOCITY, STREAM FT/SEC	09/15/81-09/15/81	1	1.	1.	1.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/27/79-04/24/84	6	4.5	5.367	16.	30.647	5.536	**	**	**	**
00064	DEPTH OF STREAM, MEAN (FT)	09/15/81-09/15/81	1	0.7	0.7	0.7	0.	0.	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/27/79-03/16/82	6	132.5	248.267	1000.	142335.867	377.274	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/27/79-04/24/84	8	830.	1047.75	2200.	295257.643	543.376	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/27/79-03/16/82	7	840.	995.	1670.	119925.	346.302	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	03/27/79-04/24/84	8	7.9	8.225	10.6	2.031	1.425	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/15/81-09/15/81	1	5.1	5.1	5.1	0.	0.	**	**	**	**
00335	COD, .025N K2CR2O7 MG/L	03/27/80-03/16/82	4 ##	16.75	18.5	33.	169.5	13.019	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	03/27/79-09/15/81	2	8.25	8.25	8.4	0.045	0.212	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	03/27/79-09/15/81	2	8.225	8.225	8.4	0.046	0.215	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/27/79-09/15/81	2	0.006	0.006	0.008	0.	0.003	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	03/27/79-03/16/82	6	2.	2.167	4.	1.367	1.169	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	03/27/79-04/24/84	6	8.4	8.3	8.4	0.028	0.167	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	03/27/79-04/24/84	6	8.4	8.27	8.4	0.029	0.171	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/27/79-04/24/84	6	0.004	0.005	0.01	0.004	0.002	**	**	**	**

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

Parameter Inventory for Station: CANY0118

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	03/27/79-04/24/84	8	252.	269.125	341.	232.	2046.125	45.234	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	03/27/79-03/16/82	7	306.	327.	416.	274.	3119.667	55.854	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	03/27/79-03/16/82	7	2.	1.858	4.	0.005	1.806	1.344	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	03/27/80-04/24/84	6	427.	991.5	3070.	9.	1366894.7	1169.143	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	04/24/84-04/24/84	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/27/79-04/24/84	7 ##	0.05	0.059	0.1	0.012	0.001	0.031	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/27/79-04/24/84	6 ##	0.025	0.021	0.025	0.001	0.	0.01	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/27/79-04/24/84	6	0.125	0.136	0.3	0.025	0.011	0.104	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/27/79-03/16/82	6	0.2	0.175	0.3	0.05	0.008	0.088	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	03/27/79-03/16/82	6 ##	0.038	0.088	0.3	0.025	0.012	0.108	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/27/79-04/24/84	7	0.2	0.365	1.18	0.02	0.174	0.417	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/27/79-04/24/84	6	6.65	6.283	11.4	1.8	14.746	3.84	**	**	**	**
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	09/15/81-09/15/81	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	03/27/79-04/24/84	8	260.	264.125	340.	216.	1640.696	40.506	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	03/27/79-03/16/82	7	48.	48.857	56.	41.	27.476	5.242	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/27/79-03/16/82	7	33.	35.114	56.	23.	109.891	10.483	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS Na)	03/27/79-04/24/84	8	88.5	105.5	235.	39.	3954.571	62.885	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/27/79-03/16/82	7	4.9	4.7	7.	3.	1.563	1.25	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/27/79-04/24/84	8	60.5	78.5	210.	25.	3644.857	60.373	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/27/79-04/24/84	8	111.	133.375	260.	50.	4376.554	66.156	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/27/79-09/15/81	6	0.38	0.417	0.64	0.28	0.019	0.139	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SiO2)	03/27/79-09/15/81	6	11.5	12.	15.	10.	3.2	1.789	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	03/27/79-09/15/81	5	4.	4.7	9.	0.5	13.7	3.701	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	03/27/80-03/16/82	2	3.5	3.5	4.	3.	0.5	0.707	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS Ba)	03/27/79-09/15/81	5	50.	77.	150.	25.	3707.5	60.889	**	**	**	**
01007	BARIUM, TOTAL (UG/L AS Ba)	03/27/80-03/16/82	2 ##	82.5	82.5	140.	25.	6612.5	81.317	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	03/27/79-09/15/81	6	210.	202.5	325.	20.	12627.5	112.372	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS Cd)	03/27/79-09/15/81	5 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS Cd)	03/27/80-03/16/82	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS Cr)	03/27/79-09/15/81	5 ##	5.	5.	10.	0.5	13.875	3.725	**	**	**	**
01032	CHROMIUM, HEXAVALENT (UG/L AS Cr)	03/27/79-03/25/81	5 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS Cr)	03/27/80-03/16/82	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS Co)	09/15/81-09/15/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS Cu)	03/27/79-09/15/81	6 ##	5.	4.167	5.	2.5	1.667	1.291	**	**	**	**
01042	COPPER, TOTAL (UG/L AS Cu)	03/27/80-03/16/82	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS Fe)	03/27/79-03/16/82	7	200.	780.	3850.	15.	1926591.667	1388.017	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS Fe)	03/27/79-03/25/81	4 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS Pb)	03/27/79-09/15/81	4 ##	2.5	2.625	5.	0.5	3.396	1.843	**	**	**	**
01051	LEAD, TOTAL (UG/L AS Pb)	03/27/80-03/16/82	2 ##	3.75	3.75	5.	2.5	3.125	1.768	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS Mn)	03/27/80-03/16/82	2	142.	142.	145.	139.	18.	4.243	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS Mn)	03/27/79-09/15/81	5 ##	5.	7.5	20.	2.5	50.	7.071	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS Ni)	03/27/79-09/15/81	5 ##	10.	8.1	12.5	0.5	27.425	5.237	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS Ni)	03/27/80-03/16/82	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS Ag)	03/27/79-09/15/81	5 ##	1.	1.5	2.5	0.5	0.875	0.935	**	**	**	**
01077	SILVER, TOTAL (UG/L AS Ag)	03/27/80-03/16/82	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS Zn)	03/27/79-09/15/81	5 ##	5.	6.8	14.	2.5	25.575	5.057	**	**	**	**
01092	ZINC, TOTAL (UG/L AS Zn)	03/27/80-03/16/82	2	31.5	31.5	50.	13.	684.5	26.163	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS Se)	03/27/79-09/15/81	5 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS Se)	03/27/80-03/16/82	2 ##	0.375	0.375	0.5	0.25	0.031	0.177	**	**	**	**
01516	ALPHA, SUSPEND GROSS, AS URANIUM NATURAL, PC/L	04/24/84-04/24/84	1	17.	17.	17.	17.	0.	0.	**	**	**	**
03516	BETA, SUSPENDED GROSS, AS CS-137, PC/L	04/24/84-04/24/84	1	23.	23.	23.	23.	0.	0.	**	**	**	**
04208	ANIONS, SUM, TOTAL, WATER MEQ/L	09/15/81-09/15/81	1	8.77	8.77	8.77	8.77	0.	0.	**	**	**	**
04226	CATIONS, SUM, TOTAL, WATER MEQ/L	09/15/81-09/15/81	1	8.66	8.66	8.66	8.66	0.	0.	**	**	**	**
31501	COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/27/79-04/24/84	6	510.	2170.	11000.	0.	18897880.	4347.169	**	**	**	**
31501	LOG COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,	03/27/79-04/24/84	6	2.461	2.296	4.041	0.	1.909	1.381	**	**	**	**
31501	GM COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			197.826								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/27/79-04/24/84	6	65.	551.333	2200.	23.	778388.667	882.263	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/27/79-04/24/84	6	1.778	2.104	3.342	1.362	0.721	0.849	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			127.198								
50786	ORTHOPHOSPHATE AS P, WATER MG/L	03/27/79-04/24/84	6 ##	0.015	0.019	0.04	0.005	0.	0.014	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/27/79-04/24/84	8	496.	562.625	996.	285.	51933.982	227.89	**	**	**	**
70953	CHLOROPHYLL-A,PHYTOPLANKTON UG/L,CHROMO-FLUORO	04/24/84-04/24/84	1	2.2	2.2	2.2	2.2	0.	0.	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	03/27/79-03/16/82	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: CANY0118

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/15/81-09/15/81	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	09/15/81-09/15/81	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	09/15/81-09/15/81	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	09/15/81-09/15/81	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	03/27/79-03/16/82	6 ##	0.05	0.158	0.7	0.05	0.07	0.265	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0118

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	50.	6	4	0.67	2	1	0.50	4	3	0.75						
00300	OXYGEN, DISSOLVED	4.	8	0	0.00	3	0	0.00	4	0	0.00	1	0	0.00			
00403	PH, LAB	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						
00406	PH, FIELD	9.	6	0	0.00	1	0	0.00	4	0	0.00	1	0	0.00			
	Other-Lo Lim.	6.5	6	0	0.00	1	0	0.00	4	0	0.00	1	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	1.	6	0	0.00	2	0	0.00	3	0	0.00	1	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	10.	6	0	0.00	2	0	0.00	3	0	0.00	1	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	10.	6	0	0.00	2	0	0.00	4	0	0.00						
00720	CYANIDE, TOTAL	0.022	1	0	0.00	1	0	0.00									
	Drinking Water	0.2	1	0	0.00	1	0	0.00									
00941	CHLORIDE, DISSOLVED IN WATER	860.	8	0	0.00	3	0	0.00	4	0	0.00	1	0	0.00			
	Drinking Water	250.	8	0	0.00	3	0	0.00	4	0	0.00	1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	250.	8	1	0.13	3	0	0.00	4	1	0.25	1	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	4.	6	0	0.00	3	0	0.00	3	0	0.00						
01000	ARSENIC, DISSOLVED	360.	5	0	0.00	3	0	0.00	2	0	0.00						
	Drinking Water	50.	5	0	0.00	3	0	0.00	2	0	0.00						
01002	ARSENIC, TOTAL	360.	2	0	0.00				2	0	0.00						
	Drinking Water	50.	2	0	0.00				2	0	0.00						
01005	BARIUM, DISSOLVED	2000.	5	0	0.00	3	0	0.00	2	0	0.00						
01007	BARIUM, TOTAL	2000.	2	0	0.00				2	0	0.00						
01025	CADMIUM, DISSOLVED	3.9	5	0	0.00	3	0	0.00	2	0	0.00						
	Drinking Water	5.	5	0	0.00	3	0	0.00	2	0	0.00						
01027	CADMIUM, TOTAL	3.9	2	0	0.00				2	0	0.00						
	Drinking Water	5.	2	0	0.00				2	0	0.00						
01030	CHROMIUM, DISSOLVED	100.	5	0	0.00	3	0	0.00	2	0	0.00						
01032	CHROMIUM, HEXAVALENT	16.	5	0	0.00	2	0	0.00	3	0	0.00						
	Drinking Water	100.	5	0	0.00	2	0	0.00	3	0	0.00						
01034	CHROMIUM, TOTAL	100.	2	0	0.00				2	0	0.00						
01040	COPPER, DISSOLVED	18.	6	0	0.00	3	0	0.00	3	0	0.00						
	Drinking Water	1300.	6	0	0.00	3	0	0.00	3	0	0.00						
01042	COPPER, TOTAL	18.	2	0	0.00				2	0	0.00						
	Drinking Water	1300.	2	0	0.00				2	0	0.00						
01049	LEAD, DISSOLVED	82.	4	0	0.00	3	0	0.00	1	0	0.00						
	Drinking Water	15.	4	0	0.00	3	0	0.00	1	0	0.00						
01051	LEAD, TOTAL	82.	2	0	0.00				2	0	0.00						
	Drinking Water	15.	2	0	0.00				2	0	0.00						
01065	NICKEL, DISSOLVED	1400.	5	0	0.00	3	0	0.00	2	0	0.00						
	Drinking Water	100.	5	0	0.00	3	0	0.00	2	0	0.00						
01067	NICKEL, TOTAL	1400.	2	0	0.00				2	0	0.00						
	Drinking Water	100.	2	0	0.00				2	0	0.00						
01075	SILVER, DISSOLVED	4.1	5	0	0.00	3	0	0.00	2	0	0.00						
	Drinking Water	100.	5	0	0.00	3	0	0.00	2	0	0.00						
01077	SILVER, TOTAL	4.1	2	0	0.00				2	0	0.00						
	Drinking Water	100.	2	0	0.00				2	0	0.00						
01090	ZINC, DISSOLVED	120.	5	0	0.00	3	0	0.00	2	0	0.00						
	Drinking Water	5000.	5	0	0.00	3	0	0.00	2	0	0.00						
01092	ZINC, TOTAL	120.	2	0	0.00				2	0	0.00						
	Drinking Water	5000.	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: CANY0118

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
01145	SELENIUM, DISSOLVED																
	Fresh Acute	20.	5	0	0.00	3	0	0.00	2	0	0.00						
	Drinking Water	50.	5	0	0.00	3	0	0.00	2	0	0.00						
01147	SELENIUM, TOTAL																
	Fresh Acute	20.	2	0	0.00				2	0	0.00						
	Drinking Water	50.	2	0	0.00				2	0	0.00						
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.																
	Other-Hi Lim.	1000.	6	1	0.17	2	1	0.50	3	0	0.00	1	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH																
	Other-Hi Lim.	200.	6	2	0.33	2	1	0.50	3	1	0.33	1	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)																
	Drinking Water	44.	1	0	0.00	1	0	0.00									
71856	NITRITE NITROGEN, DISSOLVED (AS NO2)																
	Drinking Water	3.3	1	0	0.00	1	0	0.00									
71890	MERCURY, DISSOLVED																
	Fresh Acute	2.4	1	0	0.00	1	0	0.00									
	Drinking Water	2.	1	0	0.00	1	0	0.00									
71900	MERCURY, TOTAL																
	Fresh Acute	2.4	6	0	0.00	2	0	0.00	4	0	0.00						
	Drinking Water	2.	6	0	0.00	2	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: CANY0119

NPS Station ID: CANY0119
 Location: RAIN POOL RISE
 Station Type: /TYPA/AMBNT/SPRING
 RMI-Indexes:
 RMI-Miles:
 HUC: 14030005
 Major Basin: COLORADO RIVER
 Minor Basin: UPPER COLORADO RIVER
 RF1 Index: 14030005
 RF3 Index: 14070004002901.17

LAT/LON: 38.150642/-109.840503

Depth of Water: 0
 Elevation: 0

RF1 Mile Point: 0.000
 RF3 Mile Point: 2.36

Agency: 11NPSWRD
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): CANY_NPS_27
 Within Park Boundary: Yes

Date Created: 08/02/99

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.80
 Distance from RF3: 0.11

On/Off RF1:
 On/Off RF3:

Description:
 THE STATION IS LOCATED ON THE LOOP UTAH 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT RAIN POOL RISE INSIDE THE CANYONLANDS NATIONAL PARK. THE DATA ARE FROM THE REPORT "GROUND WATER RESOURCES IN THE PART OF CANYONLANDS NATIONAL PARK EAST OF THE COLORADO RIVER AND CONTIGUOUS BUREAU OF LAND MANAGEMENT LANDS; UTAH" BY H.R. RICHTER, JR. (APRIL 1980). THE PURPOSE OF THE REPORT IS "TO (1) DESCRIBE THE OCCURRENCE AND CIRCULATION OF GROUND WATER AND (2) IDENTIFY POTENTIALLY DEVELOPABLE GROUND WATER SUPPLIES." FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT CANYONLANDS NATIONAL PARK; 2282 S. WEST RESOURCES BLVD.; MOAB UT 84532 (TEL. 801-259-7164). DATA WERE PROCESSED AND UPLOADED TO STORET BY LISA DUMMER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: CANY0119

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/01/78-07/01/78	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/01/78-07/01/78	1	150.	150.	150.	150.	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	07/01/78-07/01/78	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	07/01/78-07/01/78	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/01/78-07/01/78	1	0.063	0.063	0.063	0.063	0.	0.	**	**	**	**
00440 BICARBONATE ION (MG/L AS HCO3)	07/01/78-07/01/78	1	60.	60.	60.	60.	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	07/01/78-07/01/78	1	70.	70.	70.	70.	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	07/01/78-07/01/78	1	23.	23.	23.	23.	0.	0.	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	07/01/78-07/01/78	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	07/01/78-07/01/78	1	2.2	2.2	2.2	2.2	0.	0.	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	07/01/78-07/01/78	1	2.6	2.6	2.6	2.6	0.	0.	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	07/01/78-07/01/78	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00946 SULFATE, DISSOLVED (MG/L AS SO4)	07/01/78-07/01/78	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	07/01/78-07/01/78	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SiO2)	07/01/78-07/01/78	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/01/78-07/01/78	1	145.	145.	145.	145.	0.	0.	**	**	**	**
71851 NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/01/78-07/01/78	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0119

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
							Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	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
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
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: CANY0120

NPS Station ID: CANY0120 LAT/LON: 38.151670/-109.625005
 Location: INDIAN CREEK BLW BOGUS POCKET NEAR MONTICELLO,UT
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 14030005 Depth of Water: 0
 Major Basin: Elevation: 0
 Minor Basin:
 RF1 Index: 14030005 RF1 Mile Point: 0.000
 RF3 Index: 14030005000505.78 RF3 Mile Point: 7.68
 Description:

Agency: 112WRD
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): 09187550
 Within Park Boundary: No

Date Created: 12/22/84

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 2.10
 Distance from RF3: 0.11

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: CANY0120

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/29/84-07/21/86	4	11.25	10.625	18.	2.	52.563	7.25	**	**	**	**
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/29/84-07/21/86	4	16.5	15.625	27.5	2.	152.063	12.331	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	05/29/84-07/21/86	4	13.	22.	56.	6.	527.333	22.964	**	**	**	**
00065 STAGE, STREAM (FEET)	11/14/85-11/14/85	1	4.2	4.2	4.2	4.2	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/29/84-07/21/86	4	585.	587.5	820.	360.	69025.	262.726	**	**	**	**
00400 PH (STANDARD UNITS)	05/29/84-07/21/86	4	8.5	8.425	8.6	8.1	0.056	0.236	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	05/29/84-07/21/86	4	8.489	8.373	8.6	8.1	0.059	0.244	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/29/84-07/21/86	4	0.003	0.004	0.008	0.003	0.	0.003	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	05/29/84-07/21/86	6	8.25	8.1	8.3	7.3	0.156	0.395	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	05/29/84-07/21/86	6	8.247	7.887	8.3	7.3	0.21	0.459	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/29/84-07/21/86	6	0.006	0.013	0.05	0.005	0.	0.018	**	**	**	**
00631 NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/29/84-07/21/86	6 ##	0.05	0.092	0.3	0.05	0.01	0.102	**	**	**	**
00666 PHOSPHORUS, DISSOLVED (MG/L AS P)	05/29/84-07/21/86	6	0.025	0.023	0.04	0.005	0.	0.013	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	11/14/85-11/14/85	1	260.	260.	260.	260.	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	05/29/84-07/21/86	6	49.5	49.833	63.	38.	91.767	9.579	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	05/29/84-07/21/86	6	31.	27.167	44.	10.	172.567	13.136	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	05/29/84-07/21/86	6	70.5	63.167	110.	20.	1284.167	35.835	**	**	**	**
00931 SODIUM ADSORPTION RATIO	11/14/85-11/14/85	1	2.3	2.3	2.3	2.3	0.	0.	**	**	**	**
00932 SODIUM, PERCENT	11/14/85-11/14/85	1	38.	38.	38.	38.	0.	0.	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	05/29/84-07/21/86	6	3.3	3.2	4.2	1.9	0.748	0.865	**	**	**	**
00940 CHLORIDE, TOTAL IN WATER MG/L	05/29/84-07/21/86	6	55.5	44.5	71.	11.	652.3	25.54	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	05/29/84-07/21/86	6	95.	85.	120.	37.	1085.6	32.948	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	05/29/84-07/21/86	6	0.3	0.267	0.3	0.2	0.003	0.052	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SiO2)	05/29/84-07/21/86	6	11.5	11.717	14.	9.3	4.762	2.182	**	**	**	**
01020 BORON, DISSOLVED (UG/L AS B)	05/29/84-07/21/86	6	110.	106.667	160.	40.	2506.667	50.067	**	**	**	**
70301 SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	11/14/85-11/14/85	1	479.	479.	479.	479.	0.	0.	**	**	**	**
70337 SUS SED FALL DIA(DISTLD WATER)%FINER THAN .002MM	07/21/86-07/21/86	1	59.	59.	59.	59.	0.	0.	**	**	**	**
70338 SUS SED FALL DIA(DISTLD WATER)%FINER THAN .004MM	07/21/86-07/21/86	1	70.	70.	70.	70.	0.	0.	**	**	**	**
70340 SUS SED FALL DIA(DISTLD WATER)%FINER THAN .016MM	07/21/86-07/21/86	1	97.	97.	97.	97.	0.	0.	**	**	**	**
70342 SUS SED FALL DIA(DISTLD WATER)%FINER THAN .062MM	07/21/86-07/21/86	1	99.	99.	99.	99.	0.	0.	**	**	**	**
70343 SUS SED FALL DIA(DISTLD WATER)%FINER THAN .125MM	07/21/86-07/21/86	1	100.	100.	100.	100.	0.	0.	**	**	**	**
80154 SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	11/14/85-07/21/86	3	1910.	10441.	29250.	163.	266096863.	16312.476	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0120

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
							Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Fresh Chronic	9.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
		Other-Lo Lim.	6.5	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
00403	PH, LAB	Fresh Chronic	9.	6	0	0.00	2	0	0.00	3	0	0.00	1	0	0.00			
		Other-Lo Lim.	6.5	6	0	0.00	2	0	0.00	3	0	0.00	1	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	6	0	0.00	2	0	0.00	3	0	0.00	1	0	0.00			
00940	CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	6	0	0.00	2	0	0.00	3	0	0.00	1	0	0.00			
		Drinking Water	250.	6	0	0.00	2	0	0.00	3	0	0.00	1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	6	0	0.00	2	0	0.00	3	0	0.00	1	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	6	0	0.00	2	0	0.00	3	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: CANY0121

NPS Station ID: CANY0121 LAT/LON: 38.151670/-109.625005
 Location: INDIAN CREEK BLW BOGUS POCKET, NR MONTICELLO, UT
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 00001403 Depth of Water: 0
 Major Basin: Elevation: 0
 Minor Basin:
 RF1 Index: 00001403 RF1 Mile Point: 0.000
 RF3 Index: 14030005039500.00 RF3 Mile Point: 1.55
 Description:

Agency: 112WRD
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): 09187500
 Within Park Boundary: No

Date Created: 01/21/84

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.06

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: CANY0121

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/18/83-04/30/84	12	10.75	13.542	28.	0.	86.248	9.287	1.35	5.875	23.75	27.25
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/18/83-04/30/84	12	15.5	16.292	32.5	-2.	114.703	10.71	5.75	1.	27.5	31.15
00061 FLOW, STREAM, INSTANTANEOUS CFS	03/18/83-04/30/84	12	10.	22.917	96.	1.	855.356	29.246	2.5	8.	23.5	88.2
00065 STAGE, STREAM (FEET)	07/27/83-04/30/84	8	4.53	4.525	4.73	4.24	0.027	0.164	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/18/83-04/30/84	12	605.	594.167	920.	260.	35171.97	187.542	275.	475.	737.5	872.
00400 PH (STANDARD UNITS)	03/18/83-04/30/84	12	8.4	8.425	8.6	8.2	0.018	0.136	8.23	8.3	8.575	8.6
00400 CONVERTED PH (STANDARD UNITS)	03/18/83-04/30/84	12	8.4	8.406	8.6	8.2	0.019	0.137	8.23	8.3	8.575	8.6
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/18/83-04/30/84	12	0.004	0.004	0.006	0.003	0.	0.001	0.003	0.003	0.005	0.006
00403 PH, LAB, STANDARD UNITS SU	03/18/83-09/18/84	13	8.3	8.254	8.5	8.	0.021	0.145	8.04	8.1	8.35	8.46
00403 CONVERTED PH, LAB, STANDARD UNITS	03/18/83-09/18/84	13	8.3	8.231	8.5	8.	0.022	0.147	8.04	8.1	8.35	8.46
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/18/83-09/18/84	13	0.005	0.006	0.01	0.003	0.	0.002	0.003	0.004	0.008	0.009
00631 NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	03/18/83-09/18/84	13 ##	0.05	0.196	1.	0.05	0.084	0.29	0.05	0.05	0.25	0.84
00666 PHOSPHORUS, DISSOLVED (MG/L AS P)	03/18/83-09/18/84	13	0.02	0.03	0.12	0.005	0.001	0.033	0.005	0.008	0.04	0.1
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	03/18/83-03/18/83	1	270.	270.	270.	270.	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	03/18/83-09/18/84	13	48.	47.	56.	30.	56.667	7.528	32.4	43.5	53.5	55.2
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	03/18/83-09/18/84	13	24.	24.215	40.	8.8	77.87	8.824	9.68	19.	31.5	37.6
00930 SODIUM, DISSOLVED (MG/L AS Na)	03/18/83-09/18/84	13	55.	57.308	120.	12.	968.397	31.119	13.2	33.5	79.	109.2
00931 SODIUM ADSORPTION RATIO	03/18/83-03/18/83	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00932 SODIUM, PERCENT	03/18/83-03/18/83	1	36.	36.	36.	36.	0.	0.	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	03/18/83-09/18/84	13	2.7	2.885	6.4	1.1	2.2	1.483	1.3	1.7	3.55	5.84
00940 CHLORIDE, TOTAL IN WATER MG/L	03/18/83-09/18/84	13	38.	36.846	82.	5.	483.474	21.988	6.2	18.5	53.	72.4
00945 SULFATE, TOTAL (MG/L AS SO4)	03/18/83-09/18/84	13	73.	75.231	120.	23.	784.192	28.003	25.8	63.5	95.5	116.
00950 FLUORIDE, DISSOLVED (MG/L AS F)	03/18/83-09/18/84	13	0.3	0.262	0.4	0.1	0.008	0.087	0.14	0.2	0.3	0.4
00955 SILICA, DISSOLVED (MG/L AS SiO2)	03/18/83-09/18/84	13	11.	11.085	15.	8.5	3.105	1.762	8.66	9.85	12.	14.2
01020 BORON, DISSOLVED (UG/L AS B)	03/18/83-09/18/84	13	90.	107.692	270.	30.	3652.564	60.436	34.	80.	130.	226.
70301 SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	03/18/83-03/18/83	1	468.	468.	468.	468.	0.	0.	**	**	**	**
70337 SUS SED FALL DIA(DISTLD WATER)%FINER THAN .002MM	03/18/83-06/29/83	2	13.5	13.5	21.	6.	112.5	10.607	**	**	**	**
70338 SUS SED FALL DIA(DISTLD WATER)%FINER THAN .004MM	03/18/83-06/29/83	2	15.5	15.5	25.	6.	180.5	13.435	**	**	**	**
70340 SUS SED FALL DIA(DISTLD WATER)%FINER THAN .016MM	03/18/83-06/29/83	2	31.	31.	51.	11.	800.	28.284	**	**	**	**
70342 SUS SED FALL DIA(DISTLD WATER)%FINER THAN .062MM	03/18/83-06/29/83	2	46.	46.	66.	26.	800.	28.284	**	**	**	**
80154 SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	03/18/83-06/29/83	4	2216.5	2574.5	5240.	625.	5129031.	2264.736	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0121

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH																
	Fresh Chronic	9.	12	0	0.00	3	0	0.00	5	0	0.00	3	0	0.00	1	0	0.00
	Other-Lo Lim.	6.5	12	0	0.00	3	0	0.00	5	0	0.00	3	0	0.00	1	0	0.00
00403	PH, LAB																
	Fresh Chronic	9.	13	0	0.00	4	0	0.00	5	0	0.00	3	0	0.00	1	0	0.00
	Other-Lo Lim.	6.5	13	0	0.00	4	0	0.00	5	0	0.00	3	0	0.00	1	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.																
	Drinking Water	10.	13	0	0.00	4	0	0.00	5	0	0.00	3	0	0.00	1	0	0.00
00940	CHLORIDE, TOTAL IN WATER																
	Fresh Acute	860.	13	0	0.00	4	0	0.00	5	0	0.00	3	0	0.00	1	0	0.00
	Drinking Water	250.	13	0	0.00	4	0	0.00	5	0	0.00	3	0	0.00	1	0	0.00
00945	SULFATE, TOTAL (AS SO4)																
	Drinking Water	250.	13	0	0.00	4	0	0.00	5	0	0.00	3	0	0.00	1	0	0.00
00950	FLUORIDE, DISSOLVED AS F																
	Drinking Water	4.	13	0	0.00	4	0	0.00	5	0	0.00	3	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: CANY0122

NPS Station ID: CANY0122
 Location: CAVE SPRING
 Station Type: /TYPA/AMBNT/SPRING
 RMI-Indexes:
 RMI-Miles:
 HUC: 14030005
 Major Basin: COLORADO RIVER
 Minor Basin: UPPER COLORADO RIVER
 RF1 Index: 14030005
 RF3 Index: 14070004002901.17

LAT/LON: 38.156003/-109.753004

Depth of Water: 0
 Elevation: 0

RF1 Mile Point: 0.000
 RF3 Mile Point: 2.36

Agency: 11NPSWRD
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): CANY_NPS_25
 Within Park Boundary: Yes

Date Created: 08/02/99

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.80
 Distance from RF3: 0.11

On/Off RF1:
 On/Off RF3:

Description:
 THE STATION IS LOCATED ON THE LOOP UTAH 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT CAVE SPRING INSIDE THE CANYONLANDS NATIONAL PARK. THE DATA ARE FROM THE REPORT "GROUND WATER RESOURCES IN THE PART OF CANYONLANDS NATIONAL PARK EAST OF THE COLORADO RIVER AND CONTIGUOUS BUREAU OF LAND MANAGEMENT LANDS; UTAH" BY H.R. RICHTER, JR. (APRIL 1980). THE PURPOSE OF THE REPORT IS "TO (1) DESCRIBE THE OCCURRENCE AND CIRCULATION OF GROUND WATER AND (2) IDENTIFY POTENTIALLY DEVELOPABLE GROUND WATER SUPPLIES." FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT CANYONLANDS NATIONAL PARK; 2282 S. WEST RESOURCES BLVD.; MOAB UT 84532 (TEL. 801-259-7164). DATA WERE PROCESSED AND UPLOADED TO STORET BY LISA DUMMER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: CANY0122

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/21/78-07/21/78	1	18.5	18.5	18.5	18.5	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/21/78-07/21/78	1	839.	839.	839.	839.	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	07/21/78-07/21/78	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	07/21/78-07/21/78	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/21/78-07/21/78	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00440 BICARBONATE ION (MG/L AS HCO3)	07/21/78-07/21/78	1	400.	400.	400.	400.	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	07/21/78-07/21/78	1	370.	370.	370.	370.	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	07/21/78-07/21/78	1	69.	69.	69.	69.	0.	0.	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	07/21/78-07/21/78	1	48.	48.	48.	48.	0.	0.	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	07/21/78-07/21/78	1	42.	42.	42.	42.	0.	0.	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	07/21/78-07/21/78	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	07/21/78-07/21/78	1	23.	23.	23.	23.	0.	0.	**	**	**	**
00946 SULFATE, DISSOLVED (MG/L AS SO4)	07/21/78-07/21/78	1	68.	68.	68.	68.	0.	0.	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	07/21/78-07/21/78	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SiO2)	07/21/78-07/21/78	1	9.	9.	9.	9.	0.	0.	**	**	**	**
01020 BORON, DISSOLVED (UG/L AS B)	07/21/78-07/21/78	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
70300 RESIDUE, TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/21/78-07/21/78	1	480.	480.	480.	480.	0.	0.	**	**	**	**
71851 NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/21/78-07/21/78	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: CANY0122

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	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									
	Fresh Acute	860.	1	0	0.00	1	0	0.00									
00941 CHLORIDE, DISSOLVED IN WATER	Drinking Water	250.	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	4.	1	0	0.00	1	0	0.00									
00950 FLUORIDE, DISSOLVED AS F	Drinking Water	44.	1	0	0.00	1	0	0.00									
71851 NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water																

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

Station Inventory for Station: CANY0123

NPS Station ID: CANY0123
 Location: CAVE SPRING SQ-3
 Station Type: /TYPA/AMBNT/SPRING
 RMI-Indexes:
 RMI-Miles:
 HUC: 14030005
 Major Basin:
 Minor Basin:
 RF1 Index:
 RF3 Index: 14030005059100.00
 Description:

LAT/LON: 38.156667/-109.753000

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 2.09

Agency: 21UTAH
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): 599505
 Within Park Boundary: Yes

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.04

On/Off RF1:
 On/Off RF3:

WATER QUALITY STATION IS LOCATED IN CANYONLANDS NP. THIS PARK WATER SAMPLES WERE COLLECTED BY CANYONLANDS NATIONAL PARK 435-259-3911); ANALYZED BY THE UTAH DEPARTMENT OF HEALTH ENV QUALITY - DIVISION OF WATER QUALITY. DATA COLLECTED AT THE CANY_NPS_599505.

IS MANAGED BY THE NATIONAL PARK SERVICE'S SOUTHEAST UTAH GROUP. NATURAL RESOURCE MANAGEMENT STAFF (125 W. 200 S.; MOAB UT 84532 LABORATORY AND UPLOADED INTO STORET BY THE UTAH DEPARTMENT OF SAME LOCATION PRIOR TO 8/30/1990 CAN BE FOUND AT STATION

Parameter Inventory for Station: CANY0123

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/30/90-12/09/99	15	13.5	13.375	23.1	3.2	37.495	6.123	4.22	9.	19.19	21.78
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/30/90-12/09/99	14	20.	20.186	37.	9.	52.58	7.251	11.	15.425	23.55	33.6
00058 FLOW, RATE GALLONS/MIN	02/11/98-12/09/99	4 ##	0.5	0.4	0.5	0.1	0.04	0.2	**	**	**	**
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/30/90-12/09/99	17	24.	71.941	425.	0.5	14662.608	121.089	1.916	11.85	56.55	349.8
00094 SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/30/90-12/09/99	15	272.	251.333	316.	29.	6617.381	81.347	72.2	257.	303.	312.4
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/30/90-12/09/99	17	302.	316.471	594.	228.	5946.89	77.116	261.6	284.5	322.5	402.
00191 HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	08/30/90-12/09/99	17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00300 OXYGEN, DISSOLVED MG/L	08/30/90-12/09/99	15	6.75	6.497	11.4	2.4	7.062	2.658	2.64	4.8	8.1	10.68
00400 PH (STANDARD UNITS)	08/30/90-12/09/99	17	8.1	8.098	8.71	7.7	0.076	0.276	7.764	7.805	8.275	8.486
00400 CONVERTED PH (STANDARD UNITS)	08/30/90-12/09/99	17	8.1	8.023	8.71	7.7	0.082	0.286	7.764	7.805	8.275	8.486
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/30/90-12/09/99	17	0.008	0.009	0.02	0.002	0.	0.005	0.003	0.005	0.016	0.017
00405 CARBON DIOXIDE (MG/L AS CO2)	08/30/90-12/09/99	17	2.	2.588	6.	0.	2.882	1.698	0.8	1.	3.5	6.
00406 PH, FIELD, STANDARD UNITS SU	08/30/90-12/09/99	15	8.	7.787	8.9	6.2	0.612	0.782	6.2	7.4	8.3	8.78
00406 CONVERTED PH, FIELD, STANDARD UNITS	08/30/90-12/09/99	15	8.	7.011	8.9	6.2	1.256	1.121	6.2	7.4	8.3	8.78
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/30/90-12/09/99	15	0.01	0.097	0.631	0.001	0.047	0.217	0.002	0.005	0.04	0.631
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	08/30/90-12/09/99	17	142.	145.647	171.	125.	174.618	13.214	132.2	136.	153.5	168.6
00440 BICARBONATE ION (MG/L AS HCO3)	08/30/90-12/09/99	17	173.	177.529	208.	153.	259.39	16.106	161.	166.	187.	205.6
00445 CARBONATE ION (MG/L AS CO3)	08/30/90-12/09/99	17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/26/91-12/09/99	16	77.6	538.656	4572.	0.	1534470.232	1238.737	20.72	50.1	227.7	3149.6
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/30/90-05/07/99	15 ##	0.025	0.097	0.6	0.025	0.027	0.165	0.025	0.025	0.054	0.449
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/30/90-04/27/97	8	0.245	3.57	26.32	0.05	84.589	9.197	**	**	**	**
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/17/99-12/09/99	2	0.55	0.55	0.6	0.5	0.005	0.071	**	**	**	**
00631 NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/30/90-05/07/99	15	0.362	0.376	0.66	0.22	0.017	0.129	0.238	0.27	0.46	0.6
00665 PHOSPHORUS, TOTAL (MG/L AS P)	08/30/90-12/09/99	17	0.07	0.471	4.501	0.005	1.325	1.151	0.005	0.018	0.117	2.522
00666 PHOSPHORUS, DISSOLVED (MG/L AS P)	08/30/90-05/07/99	13 ##	0.01	0.015	0.061	0.005	0.	0.016	0.005	0.005	0.02	0.049
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	08/30/90-12/09/99	17	154.6	157.5	185.3	139.9	122.355	11.061	144.06	149.9	164.6	172.66

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

Parameter Inventory for Station: CANY0123

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/30/90-12/09/99	17	29.4	29.729	38.	25.9	7.545	2.747	26.78	28.05	30.7	33.44
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/30/90-12/09/99	17	20.	20.253	23.	18.3	1.566	1.252	18.62	19.3	21.15	22.2
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/30/90-12/09/99	17	3.88	4.342	9.4	3.59	2.081	1.443	3.598	3.68	4.125	6.84
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/30/90-12/09/99	17	1.1	1.052	2.	0.5	0.229	0.478	0.5	0.5	1.38	1.76
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/30/90-12/09/99	17	4.5	4.706	10.9	3.5	2.701	1.643	3.5	4.1	4.5	6.18
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/30/90-12/09/99	17	13.5	12.24	20.	5.	17.91	4.232	5.	10.	14.8	17.206
01000	ARSENIC, DISSOLVED (UG/L AS AS)	05/07/96-12/09/99	12 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
01005	BARIUM, DISSOLVED (UG/L AS BA)	05/07/96-12/09/99	12	275.	273.583	293.	250.	161.356	12.703	253.	262.5	280.	292.1
01025	CADMIUM, DISSOLVED (UG/L AS CD)	05/07/96-12/09/99	12 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/07/96-12/09/99	12 ##	2.5	3.142	7.5	2.5	2.486	1.577	2.5	2.5	2.5	6.81
01040	COPPER, DISSOLVED (UG/L AS CU)	05/07/96-12/09/99	12 ##	6.	7.583	25.	6.	30.083	5.485	6.	6.	6.	19.3
01046	IRON, DISSOLVED (UG/L AS FE)	05/07/96-12/09/99	12 ##	10.	10.	10.	10.	0.	0.	10.	10.	10.	10.
01049	LEAD, DISSOLVED (UG/L AS PB)	05/07/96-12/09/99	12 ##	1.5	1.5	1.5	1.5	0.	0.	1.5	1.5	1.5	1.5
01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/07/96-12/09/99	12 ##	2.5	4.	11.	2.5	9.056	3.009	2.5	2.5	4.45	10.52
01075	SILVER, DISSOLVED (UG/L AS AG)	05/07/96-12/09/99	12 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
01090	ZINC, DISSOLVED (UG/L AS ZN)	05/07/96-12/09/99	12 ##	15.	15.	15.	15.	0.	0.	15.	15.	15.	15.
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	05/07/96-12/09/99	12 ##	15.	17.	39.	15.	48.	6.928	15.	15.	15.	31.8
01145	SELENIUM, DISSOLVED (UG/L AS SE)	05/07/96-12/09/99	12 ##	0.5	0.675	2.6	0.5	0.368	0.606	0.5	0.5	0.5	1.97
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	08/30/90-05/16/92	4 ##	2.5	2.	2.5	0.5	1.	1.	**	**	**	**
61027	ANIONS, SUM, TOTAL IN WATER MG/L	08/27/91-12/09/99	15	103.	104.733	125.	90.	89.067	9.438	92.4	100.	111.	122.6
61944	CATIONS, SUM, TOTAL IN WATER, MG/L	08/27/91-12/09/99	15	54.	54.467	59.	49.	9.124	3.021	50.2	52.	57.	59.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/30/90-12/09/99	17	172.	181.765	336.	144.	1940.941	44.056	150.4	157.	189.	235.2
71890	MERCURY, DISSOLVED (UG/L AS HG)	05/07/96-12/09/99	12 ##	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/30/90-05/16/92	4 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	08/30/90-05/16/92	4	0.375	0.378	0.45	0.31	0.004	0.064	**	**	**	**
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/30/90-05/16/92	4 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/30/90-05/16/92	4 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/30/90-05/16/92	4 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	08/30/90-05/16/92	4	0.165	0.373	1.1	0.062	0.238	0.488	**	**	**	**
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/30/90-05/16/92	4 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/30/90-05/16/92	4	61.5	62.7	120.	7.8	2720.227	52.156	**	**	**	**
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/30/90-05/16/92	4 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/30/90-05/16/92	4 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/30/90-05/16/92	4 ##	10.	13.75	25.	10.	56.25	7.5	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0123

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	17	5	0.29	7	2	0.29	4	0	0.25	6	2	0.33		
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	15	3	0.20	6	2	0.33	4	0	0.00	5	1	0.20		
00400	PH	Fresh Chronic	9.	17	0	0.00	7	0	0.00	4	0	0.00	6	0	0.00		
		Other-Lo Lim.	6.5	17	0	0.00	7	0	0.00	4	0	0.00	6	0	0.00		
00406	PH, FIELD	Fresh Chronic	9.	15	0	0.00	6	0	0.00	4	0	0.00	5	0	0.00		
		Other-Lo Lim.	6.5	15	2	0.13	6	0	0.00	4	0	0.00	5	2	0.40		
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00	1	0	0.00	1	0	0.00					
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	15	0	0.00	6	0	0.00	3	0	0.00	6	0	0.00		
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	17	0	0.00	7	0	0.00	4	0	0.00	6	0	0.00		
		Drinking Water	250.	17	0	0.00	7	0	0.00	4	0	0.00	6	0	0.00		
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	17	0	0.00	7	0	0.00	4	0	0.00	6	0	0.00		
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	12	0	0.00	4	0	0.00	4	0	0.00	4	0	0.00		
		Drinking Water	50.	12	0	0.00	4	0	0.00	4	0	0.00	4	0	0.00		
01005	BARIUM, DISSOLVED	Drinking Water	2000.	12	0	0.00	4	0	0.00	4	0	0.00	4	0	0.00		
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	12	0	0.00	4	0	0.00	4	0	0.00	4	0	0.00		
		Drinking Water	5.	12	0	0.00	4	0	0.00	4	0	0.00	4	0	0.00		
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	12	0	0.00	4	0	0.00	4	0	0.00	4	0	0.00		
01040	COPPER, DISSOLVED	Fresh Acute	18.	12	1	0.08	4	0	0.00	4	1	0.25	4	0	0.00		
		Drinking Water	1300.	12	0	0.00	4	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

EPA Water Quality Criteria Analysis for Station: CANY0123

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
01049 LEAD, DISSOLVED	Fresh Acute	82.	12	0	0.00	4	0	0.00	4	0	0.00	4	0	0.00	4	0	0.00
	Drinking Water	15.	12	0	0.00	4	0	0.00	4	0	0.00	4	0	0.00	4	0	0.00
01075 SILVER, DISSOLVED	Fresh Acute	4.1	12	0	0.00	4	0	0.00	4	0	0.00	4	0	0.00	4	0	0.00
	Drinking Water	100.	12	0	0.00	4	0	0.00	4	0	0.00	4	0	0.00	4	0	0.00
01090 ZINC, DISSOLVED	Fresh Acute	120.	12	0	0.00	4	0	0.00	4	0	0.00	4	0	0.00	4	0	0.00
	Drinking Water	5000.	12	0	0.00	4	0	0.00	4	0	0.00	4	0	0.00	4	0	0.00
01145 SELENIUM, DISSOLVED	Fresh Acute	20.	12	0	0.00	4	0	0.00	4	0	0.00	4	0	0.00	4	0	0.00
	Drinking Water	50.	12	0	0.00	4	0	0.00	4	0	0.00	4	0	0.00	4	0	0.00
01167 SELENIUM, ACID SOLUBLE, WATER, WHOLE	Fresh Acute	20.	4	0	0.00	2	0	0.00				2	0	0.00	2	0	0.00
	Drinking Water	50.	4	0	0.00	2	0	0.00				2	0	0.00	2	0	0.00
71890 MERCURY, DISSOLVED	Fresh Acute	2.4	12	0	0.00	4	0	0.00	4	0	0.00	4	0	0.00	4	0	0.00
	Drinking Water	2.	12	0	0.00	4	0	0.00	4	0	0.00	4	0	0.00	4	0	0.00
82702 ARSENIC, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	360.	4	0	0.00	2	0	0.00				2	0	0.00	2	0	0.00
	Drinking Water	50.	4	0	0.00	2	0	0.00				2	0	0.00	2	0	0.00
82703 BARIUM, FIELD ACIDIFIED, DECANTED, WATER	Drinking Water	2.	4	0	0.00	2	0	0.00				2	0	0.00	2	0	0.00
82705 CADMIUM, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	3.9	4	0	0.00	2	0	0.00				2	0	0.00	2	0	0.00
	Drinking Water	5.	4	0	0.00	2	0	0.00				2	0	0.00	2	0	0.00
82706 CHROMIUM, FIELD ACIDIFIED, DECANTED, WAT	Drinking Water	100.	4	0	0.00	2	0	0.00				2	0	0.00	2	0	0.00
82708 COPPER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	18.	4	0	0.00	2	0	0.00				2	0	0.00	2	0	0.00
	Drinking Water	1300.	4	0	0.00	2	0	0.00				2	0	0.00	2	0	0.00
82711 LEAD, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	82.	4	0	0.00	2	0	0.00				2	0	0.00	2	0	0.00
	Drinking Water	15.	4	0	0.00	2	0	0.00				2	0	0.00	2	0	0.00
82713 MERCURY, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	2.4	4	0	0.00	2	0	0.00				2	0	0.00	2	0	0.00
	Drinking Water	2.	4	0	0.00	2	0	0.00				2	0	0.00	2	0	0.00
82716 SILVER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	4.1	4	0	0.00	2	0	0.00				2	0	0.00	2	0	0.00
	Drinking Water	100.	4	0	0.00	2	0	0.00				2	0	0.00	2	0	0.00
82719 ZINC, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	120.	4	0	0.00	2	0	0.00				2	0	0.00	2	0	0.00
	Drinking Water	5000.	4	0	0.00	2	0	0.00				2	0	0.00	2	0	0.00

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

Station Inventory for Station: CANY0124

NPS Station ID: CANY0124 Location: CAVE SPRING Station Type: /TYPA/AMBNT/SPRING RMI-Indexes: RMI-Miles: HUC: 14030005 Major Basin: COLORADO RIVER Minor Basin: UPPER COLORADO RIVER RF1 Index: 14030005 RF3 Index: 14070004002901.17 Description: THE STATION IS LOCATED ON THE LOOP UTAH 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. CAVE SPRING IS LOCATED INSIDE THE CANYONLANDS NATIONAL PARK BOUNDARY. THE SAMPLES WERE COLLECTED AND ANALYZED BY NATIONAL PARK SERVICE PERSONNEL. THE MONITORING BEGAN IN RESPONSE TO A PROPOSED SITING OF A NUCLEAR WASTE REPOSITORY NEAR THE PARK AS STATED BY B. LONG AND R. SMITH IN THE REPORT "WATER QUALITY DATA ANALYSIS AND INTERPRETATION FOR SPRING MONITORING SITES SOUTHEAST UTAH GROUP" (AUGUST 1996). THE INITIAL MONITORING OBJECTIVES WERE TO ESTABLISH A BASELINE DATABASE; DETECT POTENTIAL CHANGES; AND IDENTIFY AREAS OF CONCERN. THE UTAH DEPARTMENT OF ENVIRONMENTAL QUALITY ANALYZED THE SAMPLES IN A COOPERATIVE EFFORT WITH THE PARK SERVICE BEGINNING 8/30/1990. THESE DATA CAN BE FOUND UNDER THE STATION 599505. DATA WERE PROCESSED AND UPLOADED TO STORET BY LISA DUMMER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).	LAT/LON: 38.156726/-109.753087 Depth of Water: 0 Elevation: 0 RF1 Mile Point: 0.000 RF3 Mile Point: 2.36	Agency: 11NPSWRD FIPS State/County: 49037 UTAH/SAN JUAN STORET Station ID(s): CANY_NPS_599505/SQ3 /599505 Within Park Boundary: Yes Aquifer: Water Body Id: ECO Region: Distance from RF1: 0.80 Distance from RF3: 0.11
		Date Created: 05/22/99 On/Off RF1: On/Off RF3:

Parameter Inventory for Station: CANY0124

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/12/85-05/18/90	12	13.4	13.317	18.2	1.4	22.091	4.7	4.28	11.225	17.2	18.14
00090 OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	05/18/90-05/18/90	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00094 SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	02/12/85-05/18/90	12	302.	346.583	907.	213.	31948.083	178.74	236.1	293.	308.75	734.8
00300 OXYGEN, DISSOLVED MG/L	05/07/85-05/18/90	9	7.2	7.	8.3	5.	1.105	1.051	5.	6.25	7.85	8.3
00400 PH (STANDARD UNITS)	02/12/85-05/18/90	12	7.15	6.92	8.4	5.4	0.954	0.977	5.46	5.888	7.337	8.382
00400 CONVERTED PH (STANDARD UNITS)	02/12/85-05/18/90	12	7.147	6.113	8.4	5.4	1.665	1.29	5.46	5.887	7.337	8.382
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/12/85-05/18/90	12	0.071	0.771	3.981	0.004	1.742	1.32	0.004	0.046	1.585	3.54
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	02/12/85-05/18/90	12	175.5	171.917	308.	17.	7844.447	88.569	17.3	145.	205.	305.6
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	02/12/85-05/18/90	10 ##	0.05	0.404	2.2	0.05	0.485	0.697	0.05	0.05	0.468	2.08
00655 PHOSPHATE, POLY (MG/L AS PO4)	02/12/85-05/18/90	11	1.9	2.05	7.2	0.05	3.463	1.861	0.22	0.9	2.	6.32
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	02/12/85-05/18/90	10	188.	203.3	376.	154.	3930.9	62.697	155.7	171.	201.25	358.9
00940 CHLORIDE, TOTAL IN WATER MG/L	06/11/87-05/18/90	8	34.	64.375	152.	23.	2506.554	50.065	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	02/12/85-05/18/90	11	18.	25.182	88.	10.	502.764	22.422	10.	12.	29.	77.6
01042 COPPER, TOTAL (UG/L AS CU)	02/12/85-05/18/90	10 ##	50.	56.	110.	50.	360.	18.974	50.	50.	50.	104.
01045 IRON, TOTAL (UG/L AS FE)	02/12/85-05/18/90	10 ##	50.	50.	50.	50.	0.	0.	50.	50.	50.	50.
01055 MANGANESE, TOTAL (UG/L AS MN)	02/12/85-05/18/90	10	200.	206.	400.	50.	10804.444	103.944	50.	162.5	262.5	390.
31501 COLIFORM,TOT, MEMBRANE FILTER, IMMED.M-ENDO MED,35C	08/27/85-05/18/90	9	50.	106.667	300.	0.	18275.	135.185	0.	0.	275.	300.
31501 LOG COLIFORM,TOT, MEMBRANE FILTER, IMMED.M-ENDO MED,3	08/27/85-05/18/90	9	1.699	1.203	2.477	0.	1.38	1.175	0.	0.	2.438	2.477
31501 GM COLIFORM,TOT, MEMBRANE FILTER, IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			15.968								

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

Parameter Inventory for Station: CANY0124

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/11/87-05/18/90	8 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	06/11/87-05/18/90	8 ##	0.		0.	0.	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			1.								

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

EPA Water Quality Criteria Analysis for Station: CANY0124

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	9	0	0.00	4	0	0.00			4	0	0.00	1	0	0.00	
00400	PH	Fresh Chronic	9.	12	0	0.00	5	0	0.00	1	0	0.00	5	0	0.00	1	0	0.00
		Other-Lo Lim.	6.5	12	4	0.33	5	1	0.20	1	1	1.00	5	2	0.40	1	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	10	0	0.00	5	0	0.00	1	0	0.00	4	0	0.00			
00940	CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	8	0	0.00	4	0	0.00			3	0	0.00	1	0	0.00	
		Drinking Water	250.	8	0	0.00	4	0	0.00			3	0	0.00	1	0	0.00	
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	11	0	0.00	5	0	0.00	1	0	0.00	5	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	1 &	1	1.00	1	1	1.00									
		Drinking Water	1300.	10	0	0.00	5	0	0.00	1	0	0.00	4	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	9	0	0.00	4	0	0.00			4	0	0.00	1	0	0.00	
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	8	0	0.00	4	0	0.00			3	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: CANY0125

NPS Station ID: CANY0125 Location: CAVE SPRING Station Type: /TYP/AMBNT/SPRING RMI-Indexes: RMI-Miles: HUC: 14030005 Major Basin: COLORADO RIVER Minor Basin: UPPER COLORADO RIVER RF1 Index: 14030005 RF3 Index: 14070004002901.17 Description: THE STATION IS LOCATED ON THE LOOP UT 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT CAVE SPRING INSIDE THE CANYONLANDS NATIONAL PARK. THE DATA ARE FROM THE REPORT "ARCHES AND CANYONLANDS NATIONAL PARK AQUATIC STUDY" BY J. CONNOR (NPS) AND W.G. KEPNER (BLM) (1983). THE PURPOSE OF THE STUDY WAS TO MONITOR THE IMPACTS BY VISITORS IN THE BACKCOUNTRY TO WATER SOURCES IN THE PARKS. THE STUDY WAS A JOINT EFFORT BETWEEN THE NATIONAL PARK SERVICE AND THE BUREAU OF LAND MANAGEMENT. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT CANYONLANDS NATIONAL PARK; 2282 WEST RESOURCE BLVD.; MOAB UT 84532 (801-259-7164). DATA WERE PROCESSED AND UPLOADED TO STORET BY LISA DUMMER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).	LAT/LON: 38.156726/-109.753087 Depth of Water: 0 Elevation: 5000 RF1 Mile Point: 0.000 RF3 Mile Point: 2.36	Agency: 11NPSWRD FIPS State/County: 49037 UTAH/SAN JUAN STORET Station ID(s): CANY_BLM_CVSP Within Park Boundary: Yes Aquifer: Water Body Id: ECO Region: Distance from RF1: 0.80 Distance from RF3: 0.11

Date Created: 08/07/99

 On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: CANY0125

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/24/83-08/24/83	1	16.8	16.8	16.8	16.8	0.	0.	**	**	**	**
00094 SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	08/24/83-08/24/83	1	289.	289.	289.	289.	0.	0.	**	**	**	**
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/24/83-08/24/83	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00406 PH, FIELD, STANDARD UNITS SU	08/24/83-08/24/83	1	8.8	8.8	8.8	8.8	0.	0.	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS	08/24/83-08/24/83	1	8.8	8.8	8.8	8.8	0.	0.	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/24/83-08/24/83	1	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	08/24/83-08/24/83	1	140.	140.	140.	140.	0.	0.	**	**	**	**
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	08/24/83-08/24/83	1	0.32	0.32	0.32	0.32	0.	0.	**	**	**	**
00660 PHOSPHATE, ORTHO (MG/L AS PO4)	08/24/83-08/24/83	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	08/24/83-08/24/83	1	280.	280.	280.	280.	0.	0.	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	08/24/83-08/24/83	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: CANY0125

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00	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	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

EPA Water Quality Criteria Analysis for Station: CANY0125

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
							Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (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: CANY0126

NPS Station ID: CANY0126
 Location: (D-30-18)34DB RED LAKE CANYON
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 14070001
 Major Basin: COLORADO RIVER
 Minor Basin: MIDDLE COLORADO-SAN JUAN RIVER
 RF1 Index: 14070001
 RF3 Index: 14070004002901.17
 Description:

LAT/LON: 38.157115/-109.931560

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 2.36

Agency: 11NPSWRD
 FIPS State/County: 49055 UTAH/WAYNE
 STORET Station ID(s): CANY_ERI_C3
 Within Park Boundary: Yes

Date Created: 08/21/99

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.80
 Distance from RF3: 0.11

On/Off RF1:
 On/Off RF3:

The station is located on the Spanish Bottom Utah 7.5 minute series (topographic) quadrangle. The site is on the Colorado River immediately downstream of Red Lake Canyon. Bacteriological samples were held longer than 30 hours. Flow data are available from USGS record at Cisco. Source Type: River. Formation: Alluvium. Position: River channel near shore. Substrate: Sand. The data are from the report "Water Resources Descriptions and Data Base Canyonlands National Park Needles District and Adjacent BLM Lands" prepared by Ecosystems Research Institute (October 1984). For information on Canyonlands National Park; contact the Chief of Resources at Canyonlands National Park; 2282 S. West Resource Blvd., Moab UT 84532 (Tel. 801-259-7164). Data were processed and uploaded to STORET by Lisa Dummer; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: CANY0126

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/27/84-04/27/84	1	5.5	5.5	5.5	5.5	0.	0.	**	**	**	**
00094 SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	04/27/84-04/27/84	1	350.	350.	350.	350.	0.	0.	**	**	**	**
00406 PH, FIELD, STANDARD UNITS SU	04/27/84-04/27/84	1	8.49	8.49	8.49	8.49	0.	0.	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS	04/27/84-04/27/84	1	8.49	8.49	8.49	8.49	0.	0.	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/27/84-04/27/84	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	04/27/84-04/27/84	1	265.	265.	265.	265.	0.	0.	**	**	**	**
00515 RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	04/27/84-04/27/84	1	1822.	1822.	1822.	1822.	0.	0.	**	**	**	**
00600 NITROGEN, TOTAL (MG/L AS N)	04/27/84-04/27/84	1	2.54	2.54	2.54	2.54	0.	0.	**	**	**	**
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/27/84-04/27/84	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00615 NITRITE NITROGEN, TOTAL (MG/L AS N)	04/27/84-04/27/84	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	04/27/84-04/27/84	1	0.576	0.576	0.576	0.576	0.	0.	**	**	**	**
00665 PHOSPHORUS, TOTAL (MG/L AS P)	04/27/84-04/27/84	1	1.861	1.861	1.861	1.861	0.	0.	**	**	**	**
00680 CARBON, TOTAL ORGANIC (MG/L AS C)	04/27/84-04/27/84	1	20.4	20.4	20.4	20.4	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	04/27/84-04/27/84	1	253.	253.	253.	253.	0.	0.	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	04/27/84-04/27/84	1	32.	32.	32.	32.	0.	0.	**	**	**	**
00946 SULFATE, DISSOLVED (MG/L AS SO4)	04/27/84-04/27/84	1	149.	149.	149.	149.	0.	0.	**	**	**	**
01516 ALPHA, SUSPEND GROSS, AS URANIUM NATURAL, PC/L	04/27/84-04/27/84	1	33.	33.	33.	33.	0.	0.	**	**	**	**
03516 BETA, SUSPENDED GROSS, AS CS-137, PC/L	04/27/84-04/27/84	1	52.	52.	52.	52.	0.	0.	**	**	**	**
31501 COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/27/84-04/27/84	1	200.	200.	200.	200.	0.	0.	**	**	**	**
31501 LOG COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,3	04/27/84-04/27/84	1	2.301	2.301	2.301	2.301	0.	0.	**	**	**	**
31501 GM COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			200.								
31616 FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	04/27/84-04/27/84	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: CANY0126

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616 LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	04/27/84-04/27/84	1	1.875	1.875	1.875	1.875	0.	0.	**	**	**	**
31616 GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			75.								
50786 ORTHOPHOSPHATE AS P, WATER MG/L	04/27/84-04/27/84	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
70300 RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	04/27/84-04/27/84	1	384.	384.	384.	384.	0.	0.	**	**	**	**
70953 CHLOROPHYLL-A, PHYTOPLANKTON UG/L, CHROMO-FLUORO	04/27/84-04/27/84	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0126

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						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			
00615 NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	0	0.00							1	0	0.00			
00620 NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00							1	0	0.00			
00941 CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
	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			
31501 COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	0	0.00							1	0	0.00			
31616 FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: CANY0127

NPS Station ID: CANY0127
Location: (D-30-18)34DA
Station Type: /TYPA/AMBNT/STREAM
RMI-Indexes:

LAT/LON: 38.157503/-109.923809

Agency: 11NPSWRD
FIPS State/County: 49037 UTAH/SAN JUAN
STORET Station ID(s): CANY_ERI_RL1
Within Park Boundary: Yes

Date Created: 08/21/99

RMI-Miles:
HUC: 14070001
Major Basin: COLORADO RIVER
Minor Basin: MIDDLE COLORADO-SAN JUAN RIVER
RF1 Index: 14070001
RF3 Index: 14070004002901.17

Depth of Water: 0
Elevation: 0
RF1 Mile Point: 0.000
RF3 Mile Point: 2.36

Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.80
Distance from RF3: 0.11

On/Off RF1:
On/Off RF3:

Description:
The station is located on the Spanish Bottom Utah 7.5 minute series (topographic) quadrangle. The site is a rise adjacent to the Colorado River in Canyonlands National Park. Water appeared to be backwash from the Colorado River and alluvial water from Red Lake Canyon. Bacteriological samples were held longer than 30 hours. Source Type: Rise. Formation: Alluvium. Position: River channel. Substrate: Sand. The data are from the report "Water Resources Descriptions and Data Base Canyonlands National Park Needles District and Adjacent BLM Lands" prepared by Ecosystems Research Institute (October 1984). For information on Canyonlands National Park, contact the Chief of Resources at Canyonlands National Park; 2282 S. West Resource Blvd.; Moab UT 84532 (Tel. 801-259-7164). Data were processed and uploaded to STORET by Lisa Dummer; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: CANY0127

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094 SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	04/27/84-04/27/84	1	390.	390.	390.	390.	0.	0.	**	**	**	**
00406 PH, FIELD, STANDARD UNITS SU	04/27/84-04/27/84	1	8.42	8.42	8.42	8.42	0.	0.	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS	04/27/84-04/27/84	1	8.42	8.42	8.42	8.42	0.	0.	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/27/84-04/27/84	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	04/27/84-04/27/84	1	174.	174.	174.	174.	0.	0.	**	**	**	**
00515 RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	04/27/84-04/27/84	1	654.	654.	654.	654.	0.	0.	**	**	**	**
00600 NITROGEN, TOTAL (MG/L AS N)	04/27/84-04/27/84	1	1.41	1.41	1.41	1.41	0.	0.	**	**	**	**
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/27/84-04/27/84	1##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00615 NITRITE NITROGEN, TOTAL (MG/L AS N)	04/27/84-04/27/84	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	04/27/84-04/27/84	1	0.612	0.612	0.612	0.612	0.	0.	**	**	**	**
00665 PHOSPHORUS, TOTAL (MG/L AS P)	04/27/84-04/27/84	1	0.714	0.714	0.714	0.714	0.	0.	**	**	**	**
00680 CARBON, TOTAL ORGANIC (MG/L AS C)	04/27/84-04/27/84	1	11.9	11.9	11.9	11.9	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	04/27/84-04/27/84	1	258.	258.	258.	258.	0.	0.	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	04/27/84-04/27/84	1	31.	31.	31.	31.	0.	0.	**	**	**	**
00946 SULFATE, DISSOLVED (MG/L AS SO4)	04/27/84-04/27/84	1	148.	148.	148.	148.	0.	0.	**	**	**	**
01516 ALPHA, SUSPEND GROSS, AS URANIUM NATURAL, PC/L	04/27/84-04/27/84	1	22.	22.	22.	22.	0.	0.	**	**	**	**
03516 BETA, SUSPENDED GROSS, AS CS-137, PC/L	04/27/84-04/27/84	1	60.	60.	60.	60.	0.	0.	**	**	**	**
31501 COLIFORM,TOT, MEMBRANE FILTER, IMMED.M-ENDO MED,35C	04/27/84-04/27/84	1	500.	500.	500.	500.	0.	0.	**	**	**	**
31501 LOG COLIFORM,TOT, MEMBRANE FILTER, IMMED.M-ENDO MED,3	04/27/84-04/27/84	1	2.699	2.699	2.699	2.699	0.	0.	**	**	**	**
31501 GM COLIFORM,TOT, MEMBRANE FILTER, IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			500.								
31616 FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	04/27/84-04/27/84	1	100.	100.	100.	100.	0.	0.	**	**	**	**
31616 LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	04/27/84-04/27/84	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: CANY0127

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =		100.								
50786	ORTHOPHOSPHATE AS P, WATER MG/L	04/27/84-04/27/84	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	04/27/84-04/27/84	1	421.	421.	421.	421.	0.	0.	**	**	**
70953	CHLOROPHYLL-A, PHYTOPLANKTON UG/L, CHROMO-FLUORO	04/27/84-04/27/84	1	2.9	2.9	2.9	2.9	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: CANY0127

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						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			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	0	0.00						1	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00						1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00						1	0	0.00			
		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			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	0	0.00						1	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1	0	0.00						1	0	0.00			

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

Station Inventory for Station: CANY0128

NPS Station ID: CANY0128 LAT/LON: 38.161333/-109.800500
 Location: LITTLE SPG CYN CK 1/8MI AB BIG SPG RD XING LSC-1
 Station Type: /TYPA/AMBNT/SPRING

Agency: 21UTAH
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): 599506
 Within Park Boundary: Yes

Date Created: / /

RMI-Indexes:
 RMI-Miles:
 HUC: 14030005 Depth of Water: 0
 Major Basin: Elevation: 0
 Minor Basin:
 RF1 Index: RF1 Mile Point: 0.000
 RF3 Index: 14030005015000.00 RF3 Mile Point: 0.00

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.04

On/Off RF1:
 On/Off RF3:

Description:
 WATER QUALITY STATION IS LOCATED IN CANYONLANDS NP. THIS PARK
 WATER SAMPLES WERE COLLECTED BY CANYONLANDS NATIONAL PARK
 435-259-3911); ANALYZED BY THE UTAH DEPARTMENT OF HEALTH
 ENV QUALITY - DIVISION OF WATER QUALITY. DATA COLLECTED AT THE
 CANY_NPS_599506.

MANAGED BY THE NATIONAL PARK SERVICE'S SOUTHEAST UTAH GROUP.
 NATURAL RESOURCE MANAGEMENT STAFF (125 W. 200 S.; MOAB UT 84532;
 LABORATORY AND UPLOADED INTO STORET BY THE UTAH DEPARTMENT OF
 SAME LOCATION PRIOR TO 5/26/1991 CAN BE FOUND AT STATION

Parameter Inventory for Station: CANY0128

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/26/91-04/24/93	4	16.25	18.875	28.8	14.2	47.249	6.874	**	**	**	**
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/26/91-04/24/93	4	24.5	24.65	25.6	24.	0.623	0.79	**	**	**	**
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/26/91-04/24/93	4	4.15	4.47	9.	0.58	15.034	3.877	**	**	**	**
00094 SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/26/91-04/24/93	4	816.	813.25	863.	758.	1890.25	43.477	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/26/91-04/24/93	4	841.	793.5	908.	584.	20571.	143.426	**	**	**	**
00191 HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	05/26/91-04/24/93	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	05/26/91-04/24/93	4	7.	6.925	9.7	4.	5.429	2.33	**	**	**	**
00400 PH (STANDARD UNITS)	05/26/91-04/24/93	4	7.8	7.875	8.2	7.7	0.049	0.222	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	05/26/91-04/24/93	4	7.8	7.839	8.2	7.7	0.051	0.226	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/26/91-04/24/93	4	0.016	0.014	0.02	0.006	0.	0.006	**	**	**	**
00405 CARBON DIOXIDE (MG/L AS CO2)	05/26/91-04/24/93	4	8.5	7.5	10.	3.	11.	3.317	**	**	**	**
00406 PH, FIELD, STANDARD UNITS SU	05/26/91-04/24/93	4	7.7	7.325	7.8	6.1	0.669	0.818	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS	05/26/91-04/24/93	4	7.7	6.673	7.8	6.1	1.237	1.112	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/26/91-04/24/93	4	0.02	0.213	0.794	0.016	0.15	0.388	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	05/26/91-04/24/93	4	286.5	293.75	332.	270.	784.25	28.004	**	**	**	**
00440 BICARBONATE ION (MG/L AS HCO3)	05/26/91-04/24/93	4	349.5	358.75	406.	330.	1180.917	34.364	**	**	**	**
00445 CARBONATE ION (MG/L AS CO3)	05/26/91-04/24/93	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/26/91-04/24/93	4	20.	18.5	34.	0.	206.333	14.364	**	**	**	**
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/26/91-04/24/93	4 ##	0.025	0.035	0.066	0.025	0.	0.021	**	**	**	**
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/26/91-04/24/93	4	0.29	0.4	0.97	0.05	0.168	0.41	**	**	**	**
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/24/93-04/24/93	1	0.359	0.359	0.359	0.359	0.	0.	**	**	**	**
00631 NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/26/91-05/16/92	3	2.034	1.521	2.454	0.076	1.611	1.269	**	**	**	**
00665 PHOSPHORUS, TOTAL (MG/L AS P)	05/26/91-04/24/93	4	0.011	0.023	0.063	0.005	0.001	0.027	**	**	**	**
00666 PHOSPHORUS, DISSOLVED (MG/L AS P)	05/26/91-05/16/92	3	0.015	0.015	0.025	0.005	0.	0.01	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	05/26/91-04/24/93	4	336.05	325.225	354.	274.8	1329.562	36.463	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	05/26/91-04/24/93	4	88.5	83.75	99.	59.	370.25	19.242	**	**	**	**

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

Parameter Inventory for Station: CANY0128

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/26/91-04/24/93	4	28.5	28.25	31.	25.	10.25	3.202	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/26/91-04/24/93	4	58.5	58.25	67.	49.	62.25	7.89	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/26/91-04/24/93	4	4.7	5.325	7.7	4.2	2.589	1.609	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/26/91-04/24/93	4	48.5	49.225	59.9	40.	72.702	8.527	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/26/91-04/24/93	4	99.261	97.833	116.7	76.109	277.688	16.664	**	**	**	**
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	05/26/91-04/24/93	4 ###	2.5	2.125	2.5	1.	0.563	0.75	**	**	**	**
61027	ANIONS, SUM, TOTAL IN WATER MG/L	08/28/91-04/24/93	3	328.	330.667	343.	321.	126.333	11.24	**	**	**	**
61944	CATIONS, SUM, TOTAL IN WATER, MG/L	08/28/91-04/24/93	3	172.	175.	192.	161.	247.	15.716	**	**	**	**
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	05/26/91-04/24/93	4	558.	557.	592.	520.	1465.333	38.28	**	**	**	**
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/26/91-04/24/93	4 ###	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	05/26/91-04/24/93	4	0.165	0.18	0.26	0.13	0.003	0.056	**	**	**	**
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/26/91-04/24/93	4 ###	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/26/91-04/24/93	4 ###	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/26/91-04/24/93	4 ###	10.	10.	10.	10.	0.	0.	**	**	**	**
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	05/26/91-04/24/93	4	0.2	0.176	0.29	0.015	0.013	0.116	**	**	**	**
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/26/91-04/24/93	4 ###	2.5	2.25	2.5	1.5	0.25	0.5	**	**	**	**
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/26/91-04/24/93	4	100.	94.	160.	16.	3570.667	59.755	**	**	**	**
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/26/91-04/24/93	4 ###	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/26/91-04/24/93	4 ###	1.	1.	1.	1.	0.	0.	**	**	**	**
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/26/91-04/24/93	4 ###	10.	11.25	15.	10.	6.25	2.5	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0128

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	4	0	0.00	1	0	0.00			3	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	1	0.25	1	0	0.00			3	1	0.33			
00400	PH	Fresh Chronic	9.	4	0	0.00	1	0	0.00			3	0	0.00			
		Other-Lo Lim.	6.5	4	0	0.00	1	0	0.00			3	0	0.00			
00406	PH, FIELD	Fresh Chronic	9.	4	0	0.00	1	0	0.00			3	0	0.00			
		Other-Lo Lim.	6.5	4	1	0.25	1	0	0.00			3	1	0.33			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00						1	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	3	0	0.00	1	0	0.00			2	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	4	0	0.00	1	0	0.00			3	0	0.00			
		Drinking Water	250.	4	0	0.00	1	0	0.00			3	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	4	0	0.00	1	0	0.00			3	0	0.00			
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE	Fresh Acute	20.	4	0	0.00	1	0	0.00			3	0	0.00			
		Drinking Water	50.	4	0	0.00	1	0	0.00			3	0	0.00			
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	360.	4	0	0.00	1	0	0.00			3	0	0.00			
		Drinking Water	50.	4	0	0.00	1	0	0.00			3	0	0.00			
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER	Drinking Water	2.	4	0	0.00	1	0	0.00			3	0	0.00			
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	3.9	4	0	0.00	1	0	0.00			3	0	0.00			
		Drinking Water	5.	4	0	0.00	1	0	0.00			3	0	0.00			
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WAT	Drinking Water	100.	4	0	0.00	1	0	0.00			3	0	0.00			
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	18.	4	0	0.00	1	0	0.00			3	0	0.00			
		Drinking Water	1300.	4	0	0.00	1	0	0.00			3	0	0.00			
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	82.	4	0	0.00	1	0	0.00			3	0	0.00			
		Drinking Water	15.	4	0	0.00	1	0	0.00			3	0	0.00			
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	2.4	4	0	0.00	1	0	0.00			3	0	0.00			
		Drinking Water	2.	4	0	0.00	1	0	0.00			3	0	0.00			
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	4.1	4	0	0.00	1	0	0.00			3	0	0.00			
		Drinking Water	100.	4	0	0.00	1	0	0.00			3	0	0.00			
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	120.	4	0	0.00	1	0	0.00			3	0	0.00			
		Drinking Water	5000.	4	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: CANY0129

NPS Station ID: CANY0129 Location: LITTLE SPRING CANYON UPPER SPRING Station Type: /TYP/A/AMBNT/SPRING RMI-Indexes: RMI-Miles: HUC: 14030005 Major Basin: COLORADO RIVER Minor Basin: UPPER COLORADO RIVER RF1 Index: 14030005 RF3 Index: 14070004002901.17 Description: THE STATION IS LOCATED ON THE LOOP UT 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT THE UPPER SPRING IN LITTLE SPRING CANYON AND IS INSIDE THE CANYONLANDS NATIONAL PARK. THE DATA ARE FROM THE REPORT "ARCHES AND CANYONLANDS NATIONAL PARK AQUATIC STUDY" BY J. CONNOR (NPS) AND W.G. KEPNER (BLM) (1983). THE PURPOSE OF THE STUDY WAS TO MONITOR THE IMPACTS BY VISITORS IN THE BACKCOUNTRY TO WATER SOURCES IN THE PARKS. THE STUDY WAS A JOINT EFFORT BETWEEN THE NATIONAL PARK SERVICE AND THE BUREAU OF LAND MANAGEMENT. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT CANYONLANDS NATIONAL PARK, 2282 WEST RESOURCE BLVD., MOAB UT 84532 (TEL. 801-259-7164). DATA WERE PROCESSED AND UPLOADED TO STORET BY LISA DUMMER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DR. SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).	LAT/LON: 38.163642/-109.798615 Depth of Water: 0 Elevation: 5000 RF1 Mile Point: 0.000 RF3 Mile Point: 2.36	Agency: 11NPSWRD FIPS State/County: 49037 UTAH/SAN JUAN STORET Station ID(s): CANY_BLM_LSCN Within Park Boundary: Yes Aquifer: Water Body Id: ECO Region: Distance from RF1: 0.80 Distance from RF3: 0.11
		Date Created: 08/07/99 On/Off RF1: On/Off RF3:

Parameter Inventory for Station: CANY0129

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/24/83-08/24/83	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00059 FLOW, RATE, INSTANTANEOUS GALLONS/MIN	08/24/83-08/24/83	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00094 SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	08/24/83-08/24/83	1	903.	903.	903.	903.	0.	0.	**	**	**	**
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/24/83-08/24/83	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00406 PH, FIELD, STANDARD UNITS SU	08/24/83-08/24/83	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS	08/24/83-08/24/83	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/24/83-08/24/83	1	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	08/24/83-08/24/83	1	220.	220.	220.	220.	0.	0.	**	**	**	**
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	08/24/83-08/24/83	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	08/24/83-08/24/83	1	410.	410.	410.	410.	0.	0.	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	08/24/83-08/24/83	1	780.	780.	780.	780.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0129

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						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: CANY0129

Parameter	Std. Type	Std. Value	Total	Exceed	Prop.	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
			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								
		Drinking Water	10.	1	0	0.00	1	0	0.00								
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00	1	0	0.00								
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	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: CANY0130

NPS Station ID: CANY0130 Location: LITTLE SPG CYN CK 1/8 MI AB SPG RD XING Station Type: /TYPA/AMBNT/SPRING RMI-Indexes: RMI-Miles: HUC: 14030005 Major Basin: COLORADO RIVER Minor Basin: UPPER COLORADO RIVER RF1 Index: 14030005 RF3 Index: 14070004002901.17 Description: THE STATION IS LOCATED ON THE LOOP UTAH 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. LITTLE SPRING CANYON IS A WASH SPRING AND IS LOCATED INSIDE THE CANYONLANDS NATIONAL PARK BOUNDARY. THE SAMPLES WERE COLLECTED AND ANALYZED BY NATIONAL PARK SERVICE PERSONNEL. THE MONITORING BEGAN IN RESPONSE TO A PROPOSED SITING OF A NUCLEAR WASTE REPOSITORY NEAR THE PARK AS STATED BY B. LONG AND R. SMITH IN THE REPORT "WATER QUALITY DATA ANALYSIS AND INTERPRETATION FOR SPRING MONITORING SITES SOUTHEAST UTAH GROUP" (AUGUST 1996). THE INITIAL MONITORING OBJECTIVES WERE TO ESTABLISH A BASELINE DATABASE; DETECT POTENTIAL CHANGES; AND IDENTIFY AREAS OF CONCERN. THE UTAH DEPARTMENT OF ENVIRONMENTAL QUALITY ANALYZED THE SAMPLES IN A COOPERATIVE EFFORT WITH THE PARK SERVICE BEGINNING 5/26/1991. THESE DATA CAN BE FOUND UNDER THE STATION 599506. DATA WERE PROCESSED AND UPLOADED TO STORET BY LISA DUMMER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).	LAT/LON: 38.163642/-109.798615 Depth of Water: 0 Elevation: 0 RF1 Mile Point: 0.000 RF3 Mile Point: 2.36	Agency: 11NPSWRD FIPS State/County: 49037 UTAH/SAN JUAN STORET Station ID(s): CANY_NPS_599506/LS1 /599506 Within Park Boundary: Yes Aquifer: Water Body Id: ECO Region: Distance from RF1: 0.80 Distance from RF3: 0.11
		Date Created: 05/22/99 On/Off RF1: On/Off RF3:

Parameter Inventory for Station: CANY0130

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/15/85-05/18/90	9	13.4	14.333	18.4	12.1	4.282	2.069	12.1	12.85	16.1	18.4
00090 OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	05/18/90-05/18/90	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00094 SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	05/15/85-05/18/90	9	909.	903.444	1021.	810.	4231.278	65.048	810.	853.	937.5	1021.
00300 OXYGEN, DISSOLVED MG/L	05/15/85-05/18/90	8	7.	7.238	11.3	5.5	3.363	1.834	**	**	**	**
00400 PH (STANDARD UNITS)	05/15/85-05/18/90	9	6.7	6.667	7.81	5.25	0.681	0.825	5.25	6.05	7.395	7.81
00400 CONVERTED PH (STANDARD UNITS)	05/15/85-05/18/90	9	6.7	6.027	7.81	5.25	1.141	1.068	5.25	6.05	7.395	7.81
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/15/85-05/18/90	9	0.2	0.939	5.623	0.015	3.323	1.823	0.015	0.05	1.043	5.623
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	02/14/85-05/18/90	9	300.	252.389	325.	8.5	13363.736	115.602	8.5	190.	325.	325.
00480 SALINITY - PARTS PER THOUSAND	05/18/90-05/18/90	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	02/14/85-05/18/90	8	0.17	0.464	1.5	0.05	0.298	0.546	**	**	**	**
00655 PHOSPHATE, POLY (MG/L AS PO4)	02/14/85-05/18/90	8	1.75	1.813	3.	0.5	0.87	0.933	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	02/14/85-05/18/90	8	352.5	326.5	462.	144.	12488.571	111.752	**	**	**	**
00940 CHLORIDE, TOTAL IN WATER MG/L	08/10/87-05/18/90	5	182.	193.8	333.	91.	9426.7	97.091	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	02/14/85-05/18/90	9	80.	119.111	413.	42.	13312.361	115.379	42.	59.	132.	413.
01042 COPPER, TOTAL (UG/L AS CU)	02/14/85-05/18/90	8	270.	266.25	450.	50.	24883.929	157.746	**	**	**	**
01045 IRON, TOTAL (UG/L AS FE)	02/14/85-05/18/90	8 ##	50.	162.5	950.	50.	101250.	318.198	**	**	**	**
01055 MANGANESE, TOTAL (UG/L AS MN)	02/14/85-05/18/90	8	160.	233.75	1000.	50.	100255.357	316.631	**	**	**	**
31501 COLIFORM, TOT, MEMBRANE FILTER, IMMEDIATE, M-ENDO MED, 35C	06/04/86-05/18/90	5 ##	0.	18.	90.	0.	1620.	40.249	**	**	**	**
31501 LOG COLIFORM, TOT, MEMBRANE FILTER, IMMEDIATE, M-ENDO MED,	06/04/86-05/18/90	5 ##	0.	0.391	1.954	0.	0.764	0.874	**	**	**	**

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

Parameter Inventory for Station: CANY0130

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501 GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.46								
31616 FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/10/87-05/18/90	5 ##	0.	4.8	24.	0.	115.2	10.733	**	**	**	**
31616 LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/10/87-05/18/90	5 ##	0.	0.276	1.38	0.	0.381	0.617	**	**	**	**
31616 GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.888								

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

EPA Water Quality Criteria Analysis for Station: CANY0130

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	8	0	0.00	3	0	0.00				4	0	0.00	1	0	0.00
00400 PH	Fresh Chronic	9.	9	0	0.00	3	0	0.00				4	0	0.00	2	0	0.00
	Other-Lo Lim.	6.5	9	3	0.33	3	1	0.33				4	2	0.50	2	0	0.00
00620 NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	8	0	0.00	3	0	0.00	1	0	0.00	4	0	0.00			
00940 CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	5	0	0.00	2	0	0.00				3	0	0.00			
	Drinking Water	250.	5	1	0.20	2	0	0.00				3	1	0.33			
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	250.	9	1	0.11	3	1	0.33	1	0	0.00	4	0	0.00	1	0	0.00
01042 COPPER, TOTAL	Fresh Acute	18.	6 &	6	1.00	2	2	1.00	1	1	1.00	3	3	1.00			
	Drinking Water	1300.	8	0	0.00	3	0	0.00	1	0	0.00	4	0	0.00			
31501 COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	5	0	0.00	1	0	0.00				3	0	0.00	1	0	0.00
31616 FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	5	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: CANY0131

NPS Station ID: CANY0131
 Location: (D-30-19)22ADD-S1
 Station Type: /TYPA/AMBNT/SPRING
 RMI-Indexes:
 RMI-Miles:
 HUC: 14030005
 Major Basin:
 Minor Basin:
 RF1 Index: 14030005
 RF3 Index: 14030005058408.81
 Description:

LAT/LON: 38.163892/-109.798892

Depth of Water: 0
 Elevation: 0

RF1 Mile Point: 0.000
 RF3 Mile Point: 9.71

Agency: 112WRD
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): 380950109475601
 Within Park Boundary: Yes

Date Created: 11/07/81

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.02

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: CANY0131

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/05/70-03/05/70	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/05/70-03/05/70	1	404.	404.	404.	404.	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	03/05/70-03/05/70	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	03/05/70-03/05/70	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/05/70-03/05/70	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00405 CARBON DIOXIDE (MG/L AS CO2)	03/05/70-03/05/70	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	03/05/70-03/05/70	1	171.	171.	171.	171.	0.	0.	**	**	**	**
00440 BICARBONATE ION (MG/L AS HCO3)	03/05/70-03/05/70	1	208.	208.	208.	208.	0.	0.	**	**	**	**
00445 CARBONATE ION (MG/L AS CO3)	03/05/70-03/05/70	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00618 NITRATE NITROGEN, DISSOLVED (MG/L AS N)	03/05/70-03/05/70	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	03/05/70-03/05/70	1	188.	188.	188.	188.	0.	0.	**	**	**	**
00902 HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	03/05/70-03/05/70	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	03/05/70-03/05/70	1	58.	58.	58.	58.	0.	0.	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS Mg)	03/05/70-03/05/70	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	03/05/70-03/05/70	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00931 SODIUM ADSORPTION RATIO	03/05/70-03/05/70	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00932 SODIUM, PERCENT	03/05/70-03/05/70	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	03/05/70-03/05/70	1	3.4	3.4	3.4	3.4	0.	0.	**	**	**	**
00940 CHLORIDE, TOTAL IN WATER MG/L	03/05/70-03/05/70	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	03/05/70-03/05/70	1	38.	38.	38.	38.	0.	0.	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	03/05/70-03/05/70	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SiO2)	03/05/70-03/05/70	1	5.6	5.6	5.6	5.6	0.	0.	**	**	**	**
01000 ARSENIC, DISSOLVED (UG/L AS AS)	03/05/70-03/05/70	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01020 BORON, DISSOLVED (UG/L AS B)	03/05/70-03/05/70	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01040 COPPER, DISSOLVED (UG/L AS CU)	03/05/70-03/05/70	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01046 IRON, DISSOLVED (UG/L AS FE)	03/05/70-03/05/70	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01145 SELENIUM, DISSOLVED (UG/L AS SE)	03/05/70-03/05/70	1	0.	0.	0.	0.	0.	0.	**	**	**	**
70300 RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	03/05/70-03/05/70	1	237.	237.	237.	237.	0.	0.	**	**	**	**
70301 SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	03/05/70-03/05/70	1	240.	240.	240.	240.	0.	0.	**	**	**	**
71851 NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	03/05/70-03/05/70	1	0.	0.	0.	0.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0131

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	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						
00618 NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00				1	0	0.00						
	Fresh Acute	860.	1	0	0.00				1	0	0.00						
00940 CHLORIDE, TOTAL IN WATER	Drinking Water	250.	1	0	0.00				1	0	0.00						
	Fresh Acute	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						
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						
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						
01145 SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00				1	0	0.00						
	Drinking Water	50.	1	0	0.00				1	0	0.00						
71851 NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00				1	0	0.00						

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

Station Inventory for Station: CANY0132

NPS Station ID: CANY0132 Location: (D-30-20)20AB SALT CREEK Station Type: /TYPA/AMBNT/STREAM RMI-Indexes: RMI-Miles: HUC: 14030005 Major Basin: COLORADO RIVER Minor Basin: UPPER COLORADO RIVER RF1 Index: 14030005 RF3 Index: 14070004002901.17 Description: The station is located on the North Six-shooter Peak Utah 7.5 minute series (topographic) quadrangle. The site is in Salt Creek immediately downstream of the highway crossing in Canyonlands National Park. Salt Creek was a flowing stream during sampling. Due to the ephemeral nature of Salt Creek at this location; rise is the appropriate classification. Bacteriological samples were held longer than 30 hours. Flow measured by velocity X width X average depth. Source Type: Rise. The data are from the report "Water Resources Descriptions and Data Base Canyonlands National Park Needles District and Adjacent BLM Lands" prepared by Ecosystems Research Institute (October 1984). For information on Canyonlands National Park; contact the Chief of Resources at Canyonlands National Park; 2282 S. West Resource Blvd.; Moab UT 84532 (Tel. 801-259-7164). Data were processed and uploaded to STORET by Lisa Dummer; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).	LAT/LON: 38.168809/-109.746921 Depth of Water: 0 Elevation: 0 RF1 Mile Point: 0.000 RF3 Mile Point: 2.36	Agency: 11NPSWRD FIPS State/County: 49037 UTAH/SAN JUAN STORET Station ID(s): CANY_ERI_SC19 Within Park Boundary: Yes Aquifer: Water Body Id: ECO Region: Distance from RF1: 0.80 Distance from RF3: 0.11	Date Created: 08/21/99 On/Off RF1: On/Off RF3:

Parameter Inventory for Station: CANY0132

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/28/84-04/28/84	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	04/28/84-04/28/84	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/28/84-04/28/84	1	768.	768.	768.	768.	0.	0.	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	04/28/84-04/28/84	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00406 PH, FIELD, STANDARD UNITS SU	04/28/84-04/28/84	1	8.43	8.43	8.43	8.43	0.	0.	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS	04/28/84-04/28/84	1	8.43	8.43	8.43	8.43	0.	0.	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/28/84-04/28/84	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	04/28/84-04/28/84	1	359.	359.	359.	359.	0.	0.	**	**	**	**
00515 RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	04/28/84-04/28/84	1	358.	358.	358.	358.	0.	0.	**	**	**	**
00600 NITROGEN, TOTAL (MG/L AS N)	04/28/84-04/28/84	1	0.65	0.65	0.65	0.65	0.	0.	**	**	**	**
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/28/84-04/28/84	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00615 NITRITE NITROGEN, TOTAL (MG/L AS N)	04/28/84-04/28/84	1	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	04/28/84-04/28/84	1	0.068	0.068	0.068	0.068	0.	0.	**	**	**	**
00665 PHOSPHORUS, TOTAL (MG/L AS P)	04/28/84-04/28/84	1	0.317	0.317	0.317	0.317	0.	0.	**	**	**	**
00680 CARBON, TOTAL ORGANIC (MG/L AS C)	04/28/84-04/28/84	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	04/28/84-04/28/84	1	364.	364.	364.	364.	0.	0.	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	04/28/84-04/28/84	1	54.	54.	54.	54.	0.	0.	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	04/28/84-04/28/84	1	41.	41.	41.	41.	0.	0.	**	**	**	**
00946 SULFATE, DISSOLVED (MG/L AS SO4)	04/28/84-04/28/84	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: CANY0132

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01516	ALPHA, SUSPEND GROSS, AS URANIUM NATURAL, PC/L	04/28/84-04/28/84	1	9.	9.	9.	9.	0.	0.	**	**	**	**
03516	BETA, SUSPENDED GROSS, AS CS-137, PC/L	04/28/84-04/28/84	1	78.	78.	78.	78.	0.	0.	**	**	**	**
31501	COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/28/84-04/28/84	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,	04/28/84-04/28/84	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/28/84-04/28/84	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/28/84-04/28/84	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.								
50786	ORTHOPHOSPHATE AS P, WATER MG/L	04/28/84-04/28/84	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/28/84-04/28/84	1	438.	438.	438.	438.	0.	0.	**	**	**	**
70953	CHLOROPHYLL-A,PHYTOPLANKTON UG/L,CHROMO-FLUORO	04/28/84-04/28/84	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: CANY0132

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	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			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	0	0.00						1	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00						1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00						1	0	0.00			
		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			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	0	0.00						1	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1	0	0.00						1	0	0.00			

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

Station Inventory for Station: CANY0133

NPS Station ID: CANY0133
 Location: RAIN POOL
 Station Type: /TYPA/AMBNT/LAKE
 RMI-Indexes:

LAT/LON: 38.174448/-109.805503

Agency: 11NPSWRD
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): CANY_USGS_RAIN
 Within Park Boundary: Yes

Date Created: 08/02/99

RMI-Miles:
 HUC: 14030005
 Major Basin: COLORADO RIVER
 Minor Basin: UPPER COLORADO RIVER
 RF1 Index: 14030005
 RF3 Index: 14070004002901.17

Depth of Water: 0
 Elevation: 0

RF1 Mile Point: 0.000
 RF3 Mile Point: 2.36

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.80
 Distance from RF3: 0.11

On/Off RF1:
 On/Off RF3:

Description:
 THE STATION IS LOCATED ON THE LOOP UTAH 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS A RAIN POOL LOCATED INSIDE THE CANYONLANDS NATIONAL PARK. THE DATA ARE FROM THE USGS OPEN-FILE REPORT "WATER RESOURCES OF PART OF CANYONLANDS NATIONAL PARK; SOUTHEASTERN UTAH" BY C.T. SUMSION AND E.L. BOLKE (1972). THE OBJECTIVE WAS "TO LOCATE AND APPRAISE THE WATER SOURCES OF THE PARK." PART OF THE DATA FROM THIS REPORT HAS BEEN PREVIOUSLY UPLOADED TO STORET BY THE USGS. FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT CANYONLANDS NATIONAL PARK; 2282 S. WEST RESOURCES BLVD.; MOAB UT 84532 (TEL. 801-259-7164). DATA WERE PROCESSED AND UPLOADED TO STORET BY LISA DUMMER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: CANY0133

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/08/70-04/08/70	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/08/70-04/08/70	1	150.	150.	150.	150.	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	04/08/70-04/08/70	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	04/08/70-04/08/70	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/08/70-04/08/70	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00440 BICARBONATE ION (MG/L AS HCO3)	04/08/70-04/08/70	1	65.	65.	65.	65.	0.	0.	**	**	**	**
00618 NITRATE NITROGEN, DISSOLVED (MG/L AS N)	04/08/70-04/08/70	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	04/08/70-04/08/70	1	70.	70.	70.	70.	0.	0.	**	**	**	**
00902 HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	04/08/70-04/08/70	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	04/08/70-04/08/70	1	25.	25.	25.	25.	0.	0.	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS Mg)	04/08/70-04/08/70	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	04/08/70-04/08/70	1	2.7	2.7	2.7	2.7	0.	0.	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	04/08/70-04/08/70	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00940 CHLORIDE,TOTAL IN WATER MG/L	04/08/70-04/08/70	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	04/08/70-04/08/70	1	22.	22.	22.	22.	0.	0.	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	04/08/70-04/08/70	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SiO2)	04/08/70-04/08/70	1	1.	1.	1.	1.	0.	0.	**	**	**	**
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/08/70-04/08/70	1	131.	131.	131.	131.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0133

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
							Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	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			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00							1	0	0.00			
00940	CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
		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			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	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

Station Inventory for Station: CANY0134

NPS Station ID: CANY0134 LAT/LON: 38.178087/-109.818310

Location: BIG SPG CYN CK AT END OF ROAD (DOWNSTR)

Station Type: /TYPA/AMBNT/SPRING

RMI-Indexes:

RMI-Miles:

HUC: 14030005

Major Basin: COLORADO RIVER

Minor Basin: UPPER COLORADO RIVER

RF1 Index: 14030005

RF3 Index: 14070004002901.17

Depth of Water: 0

Elevation: 0

RF1 Mile Point: 0.000

RF3 Mile Point: 2.36

Agency: 11NPSWRD

FIPS State/County: 49037 UTAH/SAN JUAN

STORET Station ID(s): CANY_NPS_599508/BS6 /599508

Within Park Boundary: Yes

Date Created: 05/22/99

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 0.80

Distance from RF3: 0.11

On/Off RF1:

On/Off RF3:

Description:

THE STATION IS LOCATED ON THE LOOP UTAH 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. BIG SPRING LOWER IS A PLUNGE SEEP AND IS LOCATED INSIDE THE CANYONLANDS NATIONAL PARK BOUNDARY. THE SAMPLES WERE COLLECTED AND ANALYZED BY NATIONAL PARK SERVICE PERSONNEL. THE MONITORING BEGAN IN RESPONSE TO A PROPOSED SITING OF A NUCLEAR WASTE REPOSITORY NEAR THE PARK AS STATED BY B. LONG AND R. SMITH IN THE REPORT "WATER QUALITY DATA ANALYSIS AND INTERPRETATION FOR SPRING MONITORING SITES SOUTHEAST UTAH GROUP" (AUGUST 1996). THE INITIAL MONITORING OBJECTIVES WERE TO ESTABLISH A BASELINE DATABASE; DETECT POTENTIAL CHANGES; AND IDENTIFY AREAS OF CONCERN. THE UTAH DEPARTMENT OF ENVIRONMENTAL QUALITY ANALYZED THE SAMPLES IN A COOPERATIVE EFFORT WITH THE PARK SERVICE BEGINNING 8/30/1990. THESE DATA CAN BE FOUND UNDER THE STATION 599508. DATA WERE PROCESSED AND UPLOADED TO STORET BY LISA DUMMER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: CANY0134

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/14/85-05/20/90	11	17.8	15.691	19.3	3.	22.929	4.788	4.9	14.2	18.6	19.3
00059 FLOW, RATE, INSTANTANEOUS GALLONS/MIN	02/14/85-06/04/86	3	0.54	13.64	40.32	0.06	533.924	23.107	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	02/14/85-06/04/86	3	0.001	0.03	0.09	0.	0.003	0.052	**	**	**	**
00090 OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	05/20/90-05/20/90	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00094 SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	02/14/85-05/20/90	11	521.	540.091	665.	410.	5361.691	73.224	424.4	496.	589.	660.
00300 OXYGEN, DISSOLVED MG/L	05/15/85-05/20/90	8	7.8	7.462	10.3	2.6	6.391	2.528	**	**	**	**
00400 PH (STANDARD UNITS)	05/15/85-05/20/90	10	6.95	7.001	8.11	6.2	0.306	0.553	6.205	6.7	7.35	8.034
00400 CONVERTED PH (STANDARD UNITS)	05/15/85-05/20/90	10	6.947	6.728	8.11	6.2	0.389	0.624	6.205	6.7	7.35	8.034
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/15/85-05/20/90	10	0.113	0.187	0.631	0.008	0.049	0.221	0.011	0.045	0.247	0.624
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	02/14/85-05/20/90	11	239.	232.045	485.	8.5	12003.823	109.562	42.8	200.	257.	440.
00480 SALINITY - PARTS PER THOUSAND	05/20/90-05/20/90	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	02/14/85-05/20/90	9 ##	0.05	0.11	0.28	0.05	0.009	0.095	0.05	0.05	0.205	0.28
00655 PHOSPHATE, POLY (MG/L AS PO4)	02/14/85-05/20/90	10	1.5	1.8	3.2	0.8	0.82	0.906	0.82	1.075	2.8	3.19
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	02/14/85-05/20/90	10	230.5	227.7	308.	82.	3441.344	58.663	96.	222.	250.	305.2
00940 CHLORIDE, TOTAL IN WATER MG/L	06/12/87-05/20/90	7	61.	121.286	273.	15.	11715.238	108.237	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	02/14/85-05/20/90	10	31.5	39.3	80.	28.	294.456	17.16	28.1	29.	43.5	78.
01042 COPPER, TOTAL (UG/L AS CU)	02/14/85-05/20/90	9 ##	50.	66.667	200.	50.	2500.	50.	50.	50.	50.	200.
01045 IRON, TOTAL (UG/L AS FE)	02/14/85-05/20/90	9 ##	50.	50.	50.	50.	0.	0.	50.	50.	50.	50.
01055 MANGANESE, TOTAL (UG/L AS MN)	02/14/85-05/20/90	9 ##	50.	105.556	200.	50.	4652.778	68.211	50.	50.	175.	200.

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

Parameter Inventory for Station: CANY0134

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501 COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,35C	02/14/85-05/20/90	8 ##	20.	105.	350.	0.	19771.429	140.611	**	**	**	**
31501 LOG COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,	02/14/85-05/20/90	8 ##	0.801	1.106	2.544	0.	1.472	1.213	**	**	**	**
31501 GM COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			12.754								
31616 FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/12/87-05/20/90	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
31616 LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/12/87-05/20/90	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
31616 GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.								

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

EPA Water Quality Criteria Analysis for Station: CANY0134

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	8	1	0.13	3	0	0.00				4	0	0.00	1	1	1.00
00400 PH	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	2	0.20	4	0	0.00				4	1	0.25	2	1	0.50
00620 NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	9	0	0.00	4	0	0.00	1	0	0.00	4	0	0.00			
00940 CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	7	0	0.00	3	0	0.00				3	0	0.00	1	0	0.00
	Drinking Water	250.	7	2	0.29	3	0	0.00				3	2	0.67	1	0	0.00
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	250.	10	0	0.00	4	0	0.00	1	0	0.00	4	0	0.00	1	0	0.00
01042 COPPER, TOTAL	Fresh Acute	18.	1 &	1	1.00				1	1	1.00						
	Drinking Water	1300.	9	0	0.00	4	0	0.00	1	0	0.00	4	0	0.00			
31501 COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	8	0	0.00	2	0	0.00	1	0	0.00	3	0	0.00	2	0	0.00
31616 FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	6	0	0.00	2	0	0.00				3	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: CANY0135

NPS Station ID: CANY0135 LAT/LON: 38.178055/-109.818333
 Location: BIG SPG CANYON CK AT END OF ROAD (DOWNSTREAM) BS
 Station Type: /TYPA/AMBNT/STREAM

Agency: 21UTAH
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): 599508
 Within Park Boundary: Yes

Date Created: / /

RMI-Indexes:
 RMI-Miles:
 HUC: 14030005 Depth of Water: 0
 Major Basin: Elevation: 0
 Minor Basin:
 RF1 Index: RF1 Mile Point: 0.000
 RF3 Index: 14030005015100.00 RF3 Mile Point: 0.00

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.01

On/Off RF1:
 On/Off RF3:

Description:
 WATER QUALITY STATION IS LOCATED IN CANYONLANDS NP. THIS PARK
 WATER SAMPLES WERE COLLECTED BY CANYONLANDS NATIONAL PARK
 435-259-3911); ANALYZED BY THE UTAH DEPARTMENT OF HEALTH
 ENV QUALITY - DIVISION OF WATER QUALITY. DATA COLLECTED AT THE
 CANY_NPS_599508.

IS MANAGED BY THE NATIONAL PARK SERVICE'S SOUTHEAST UTAH GROUP.
 NATURAL RESOURCE MANAGEMENT STAFF (125 W. 200 S.; MOAB UT 84532;
 LABORATORY AND UPLOADED INTO STORET BY THE UTAH DEPARTMENT OF
 SAME LOCATION PRIOR TO 8/30/90 CAN BE FOUND AT STATION

Parameter Inventory for Station: CANY0135

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/30/90-05/16/92	4	19.1	18.625	20.6	15.7	4.303	2.074	**	**	**	**
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/30/90-05/16/92	3	21.1	25.7	35.	21.	64.87	8.054	**	**	**	**
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/30/90-05/16/92	4	1.5	20.6	79.	0.4	1516.133	38.938	**	**	**	**
00094 SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/30/90-05/16/92	4	482.	416.5	553.	149.	33189.667	182.18	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/30/90-05/16/92	4	489.	416.	516.	170.	27068.667	164.526	**	**	**	**
00191 HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	08/30/90-05/16/92	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	08/30/90-05/16/92	4	7.3	6.2	8.6	1.6	10.74	3.277	**	**	**	**
00400 PH (STANDARD UNITS)	08/30/90-05/16/92	4	7.85	7.9	8.1	7.8	0.02	0.141	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	08/30/90-05/16/92	4	7.847	7.884	8.1	7.8	0.02	0.143	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/30/90-05/16/92	4	0.014	0.013	0.016	0.008	0.	0.004	**	**	**	**
00405 CARBON DIOXIDE (MG/L AS CO2)	08/30/90-05/16/92	4	4.	4.25	7.	2.	4.917	2.217	**	**	**	**
00406 PH, FIELD, STANDARD UNITS SU	08/30/90-05/16/92	4	8.05	8.15	9.3	7.2	0.763	0.874	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS	08/30/90-05/16/92	4	8.025	7.686	9.3	7.2	1.051	1.025	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/30/90-05/16/92	4	0.009	0.021	0.063	0.001	0.001	0.029	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	08/30/90-05/16/92	4	216.	187.	242.	74.	5828.	76.341	**	**	**	**
00440 BICARBONATE ION (MG/L AS HCO3)	08/30/90-05/16/92	4	263.5	228.5	296.	91.	8641.667	92.961	**	**	**	**
00445 CARBONATE ION (MG/L AS CO3)	08/30/90-05/16/92	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/25/91-05/16/92	3	11.	32.333	80.	6.	1710.333	41.356	**	**	**	**
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/30/90-05/16/92	4 ##	0.025	0.069	0.2	0.025	0.008	0.088	**	**	**	**
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/30/90-05/16/92	4	0.305	0.428	1.	0.1	0.155	0.394	**	**	**	**
00631 NITRITE PLUS NITRATE, DISS. I DET. (MG/L AS N)	08/30/90-05/16/92	4	0.627	0.52	0.733	0.09	0.085	0.291	**	**	**	**
00665 PHOSPHORUS, TOTAL (MG/L AS P)	08/30/90-05/16/92	4	0.04	0.051	0.119	0.005	0.003	0.051	**	**	**	**
00666 PHOSPHORUS, DISSOLVED (MG/L AS P)	08/30/90-05/16/92	4 ##	0.005	0.004	0.005	0.003	0.	0.001	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	08/30/90-05/16/92	4	197.6	173.425	216.3	82.2	3989.983	63.166	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	08/30/90-05/16/92	4	50.5	47.25	60.	28.	212.917	14.592	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	08/30/90-05/16/92	4	16.5	13.5	18.	3.	49.667	7.047	**	**	**	**

** - 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

Parameter Inventory for Station: CANY0135

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/30/90-05/16/92	4	27.	22.45	33.	2.8	185.61	13.624	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/30/90-05/16/92	4	3.15	3.075	3.5	2.5	0.189	0.435	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/30/90-05/16/92	4	11.9	10.325	17.	0.5	51.349	7.166	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/30/90-05/16/92	4	24.464	25.482	39.	14.	163.999	12.806	**	**	**
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	08/30/90-05/16/92	4 ##	2.5	2.	2.5	0.5	1.	1.	**	**	**
61027	ANIONS, SUM, TOTAL IN WATER MG/L	08/28/91-05/16/92	2	119.	119.	178.	60.	6962.	83.439	**	**	**
61944	CATIONS, SUM, TOTAL IN WATER, MG/L	08/28/91-05/16/92	2	65.	65.	94.	36.	1682.	41.012	**	**	**
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	08/30/90-05/16/92	4	293.	258.	326.	120.	8898.667	94.333	**	**	**
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/30/90-05/16/92	4 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	08/30/90-05/16/92	4	0.16	0.151	0.19	0.092	0.002	0.041	**	**	**
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/30/90-05/16/92	4 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/30/90-05/16/92	4 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/30/90-05/16/92	4 ##	10.	10.	10.	10.	0.	0.	**	**	**
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	08/30/90-05/16/92	4 ##	0.295	0.45	1.2	0.01	0.322	0.568	**	**	**
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/30/90-05/16/92	4 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/30/90-05/16/92	4	32.35	67.625	200.	5.8	8349.789	91.377	**	**	**
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/30/90-05/16/92	4 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/30/90-05/16/92	4 ##	1.	1.	1.	1.	0.	0.	**	**	**
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/30/90-05/16/92	4 ##	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: CANY0135

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	4	1	0.25	2	1	0.50			2	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	1	0.25	2	1	0.50			2	0	0.00			
00400	PH	Fresh Chronic	9.	4	0	0.00	2	0	0.00			2	0	0.00			
		Other-Lo Lim.	6.5	4	0	0.00	2	0	0.00			2	0	0.00			
00406	PH, FIELD	Fresh Chronic	9.	4	1	0.25	2	0	0.00			2	1	0.50			
		Other-Lo Lim.	6.5	4	0	0.00	2	0	0.00			2	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	4	0	0.00	2	0	0.00			2	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	4	0	0.00	2	0	0.00			2	0	0.00			
		Drinking Water	250.	4	0	0.00	2	0	0.00			2	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	4	0	0.00	2	0	0.00			2	0	0.00			
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE	Fresh Acute	20.	4	0	0.00	2	0	0.00			2	0	0.00			
		Drinking Water	50.	4	0	0.00	2	0	0.00			2	0	0.00			
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	360.	4	0	0.00	2	0	0.00			2	0	0.00			
		Drinking Water	50.	4	0	0.00	2	0	0.00			2	0	0.00			
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER	Drinking Water	2.	4	0	0.00	2	0	0.00			2	0	0.00			
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	3.9	4	0	0.00	2	0	0.00			2	0	0.00			
		Drinking Water	5.	4	0	0.00	2	0	0.00			2	0	0.00			
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WAT	Drinking Water	100.	4	0	0.00	2	0	0.00			2	0	0.00			
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	18.	4	0	0.00	2	0	0.00			2	0	0.00			
		Drinking Water	1300.	4	0	0.00	2	0	0.00			2	0	0.00			
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	82.	4	0	0.00	2	0	0.00			2	0	0.00			
		Drinking Water	15.	4	0	0.00	2	0	0.00			2	0	0.00			
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	2.4	4	0	0.00	2	0	0.00			2	0	0.00			
		Drinking Water	2.	4	0	0.00	2	0	0.00			2	0	0.00			
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	4.1	4	0	0.00	2	0	0.00			2	0	0.00			
		Drinking Water	100.	4	0	0.00	2	0	0.00			2	0	0.00			
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	120.	4	0	0.00	2	0	0.00			2	0	0.00			
		Drinking Water	5000.	4	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: CANY0136

NPS Station ID: CANY0136 Location: BIG SPRING Station Type: /TYPA/AMBNT/SPRING RMI-Indexes: RMI-Miles: HUC: 14030005 Major Basin: COLORADO RIVER Minor Basin: UPPER COLORADO RIVER RF1 Index: 14030005 RF3 Index: 14070004002901.17 Description: THE STATION IS LOCATED ON THE LOOP UT 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT BIG SPRING INSIDE THE CANYONLANDS NATIONAL PARK. THE DATA ARE FROM THE REPORT "ARCHES AND CANYONLANDS NATIONAL PARK AQUATIC STUDY" BY J. CONNOR (NPS) AND W.G. KEPNER (BLM) (1983). THE PURPOSE OF THE STUDY WAS TO MONITOR THE IMPACTS BY VISITORS IN THE BACKCOUNTRY TO WATER SOURCES IN THE PARKS. THE STUDY WAS A JOINT EFFORT BETWEEN THE NATIONAL PARK SERVICE AND THE BUREAU OF LAND MANAGEMENT. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT CANYONLANDS NATIONAL PARK; 2282 WEST RESOURCE BLVD.; MOAB UT 84532 (TEL. 801-259-7164). DATA WERE PROCESSED AND UPLOADED TO STORET BY LISA DUMMER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION;	LAT/LON: 38.178087/-109.818310 Depth of Water: 0 Elevation: 5200 RF1 Mile Point: 0.000 RF3 Mile Point: 2.36	Agency: 11NPSWRD FIPS State/County: 49037 UTAH/SAN JUAN STORET Station ID(s): CANY_BLM_BGSP Within Park Boundary: Yes Aquifer: Water Body Id: ECO Region: Distance from RF1: 0.80 Distance from RF3: 0.11

Date Created: 08/07/99

On/Off RF1:
On/Off RF3:

Parameter Inventory for Station: CANY0136

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/24/83-08/24/83	1	18.9	18.9	18.9	18.9	0.	0.	**	**	**	**
00059 FLOW, RATE, INSTANTANEOUS GALLONS/MIN	08/24/83-08/24/83	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00094 SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	08/24/83-08/24/83	1	518.	518.	518.	518.	0.	0.	**	**	**	**
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/24/83-08/24/83	1	8.6	8.6	8.6	8.6	0.	0.	**	**	**	**
00406 PH, FIELD, STANDARD UNITS SU	08/24/83-08/24/83	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS	08/24/83-08/24/83	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/24/83-08/24/83	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	08/24/83-08/24/83	1	140.	140.	140.	140.	0.	0.	**	**	**	**
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	08/24/83-08/24/83	1	0.49	0.49	0.49	0.49	0.	0.	**	**	**	**
00660 PHOSPHATE, ORTHO (MG/L AS PO4)	08/24/83-08/24/83	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	08/24/83-08/24/83	1	260.	260.	260.	260.	0.	0.	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	08/24/83-08/24/83	1	39.	39.	39.	39.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0136

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00	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	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

EPA Water Quality Criteria Analysis for Station: CANY0136

Parameter	Std. Type	Std. Value	Total	Exceed	Prop.	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
			Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00620	NITRATE NITROGEN, TOTAL AS N	10.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	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: CANY0137

NPS Station ID: CANY0137
 Location: (D-30-19)15ADC-S1
 Station Type: /TYPA/AMBNT/SPRING
 RMI-Indexes:
 RMI-Miles:
 HUC: 14030005
 Major Basin:
 Minor Basin:
 RF1 Index: 14030005
 RF3 Index: 14030005059000.00
 Description:

LAT/LON: 38.178059/-109.818615

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 0.20

Agency: 112WRD
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): 381041109490701
 Within Park Boundary: Yes

Date Created: 11/07/81

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.05

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: CANY0137

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/08/70-04/08/70	1	10.5	10.5	10.5	10.5	0.	0.	**	**	**
00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	04/08/70-04/08/70	1	5.	5.	5.	5.	0.	0.	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/08/70-04/08/70	1	405.	405.	405.	405.	0.	0.	**	**	**
00400	PH (STANDARD UNITS)	04/08/70-04/08/70	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/08/70-04/08/70	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/08/70-04/08/70	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	04/08/70-04/08/70	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	04/08/70-04/08/70	1	208.	208.	208.	208.	0.	0.	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	04/08/70-04/08/70	1	253.	253.	253.	253.	0.	0.	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	04/08/70-04/08/70	1	0.	0.	0.	0.	0.	0.	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	04/08/70-04/08/70	1	0.23	0.23	0.23	0.23	0.	0.	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	04/08/70-04/08/70	1	182.	182.	182.	182.	0.	0.	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	04/08/70-04/08/70	1	0.	0.	0.	0.	0.	0.	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	04/08/70-04/08/70	1	46.	46.	46.	46.	0.	0.	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS Mg)	04/08/70-04/08/70	1	17.	17.	17.	17.	0.	0.	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS Na)	04/08/70-04/08/70	1	19.	19.	19.	19.	0.	0.	**	**	**
00931	SODIUM ADSORPTION RATIO	04/08/70-04/08/70	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**
00932	SODIUM, PERCENT	04/08/70-04/08/70	1	18.	18.	18.	18.	0.	0.	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/08/70-04/08/70	1	2.8	2.8	2.8	2.8	0.	0.	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/08/70-04/08/70	1	6.	6.	6.	6.	0.	0.	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	04/08/70-04/08/70	1	13.	13.	13.	13.	0.	0.	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/08/70-04/08/70	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SiO2)	04/08/70-04/08/70	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	04/08/70-04/08/70	1	0.	0.	0.	0.	0.	0.	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	04/08/70-04/08/70	1	20.	20.	20.	20.	0.	0.	**	**	**
01040	COPPER, DISSOLVED (UG/L AS Cu)	04/08/70-04/08/70	1	10.	10.	10.	10.	0.	0.	**	**	**
01046	IRON, DISSOLVED (UG/L AS Fe)	04/08/70-04/08/70	1	50.	50.	50.	50.	0.	0.	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS Se)	04/08/70-04/08/70	1	0.	0.	0.	0.	0.	0.	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/08/70-04/08/70	1	236.	236.	236.	236.	0.	0.	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/08/70-04/08/70	1	236.	236.	236.	236.	0.	0.	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	04/08/70-04/08/70	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: CANY0137

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	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			
00618 NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00							1	0	0.00			
	Fresh Acute	860.	1	0	0.00							1	0	0.00			
00940 CHLORIDE, TOTAL IN WATER	Drinking Water	250.	1	0	0.00							1	0	0.00			
	Fresh Acute	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			
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			
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			
01145 SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00							1	0	0.00			
	Drinking Water	50.	1	0	0.00							1	0	0.00			
71851 NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: CANY0138

NPS Station ID: CANY0138 Location: (D-30-19)15ADC-S1 LOWER BIG SPRING Station Type: /TYPA/AMBNT/SPRING RMI-Indexes: RMI-Miles: HUC: 14030005 Major Basin: COLORADO RIVER Minor Basin: UPPER COLORADO RIVER RF1 Index: 14030005 RF3 Index: 14070004002901.17 Description: The station is located on The Loop Utah 7.5 minute series (topographic) quadrangle. The site is at Lower Big Spring in Canyonlands National Park. The station was located in the stream channel beneath 3 cottonwood trees approximately 1/2 mile upstream from a large jump. During sampling flow increased from approx. 2 cfs to 100 cfs due to flooding from rain and snow melt. The runoff confounded sampling to determine if the site could be a rise instead of a spring. The data are from the report "Water Resources Descriptions and Data Base Canyonlands National Park Needles District and Adjacent BLM Lands" prepared by Ecosystems Research Institute (October 1984). For information on Canyonlands National Park; contact the Chief of Resources at Canyonlands National Park; 2282 S. West Resource Blvd.; Moab UT 84532 (Tel. 801-259-7164). Data were processed and uploaded to STORET by Lisa Dummer; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).	LAT/LON: 38.178004/-109.819171 Depth of Water: 0 Elevation: 0 RF1 Mile Point: 0.000 RF3 Mile Point: 2.36	Agency: 11NPSWRD FIPS State/County: 49037 UTAH/SAN JUAN STORET Station ID(s): CANY_ERI_BSS Within Park Boundary: Yes Aquifer: Water Body Id: ECO Region: Distance from RF1: 0.80 Distance from RF3: 0.11

Date Created: 08/21/99

On/Off RF1:
On/Off RF3:

Parameter Inventory for Station: CANY0138

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/25/84-04/25/84	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00094 SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	04/25/84-04/25/84	1	317.	317.	317.	317.	0.	0.	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	04/25/84-04/25/84	1	10.2	10.2	10.2	10.2	0.	0.	**	**	**	**
00406 PH, FIELD, STANDARD UNITS SU	04/25/84-04/25/84	1	7.92	7.92	7.92	7.92	0.	0.	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS	04/25/84-04/25/84	1	7.92	7.92	7.92	7.92	0.	0.	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/25/84-04/25/84	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: CANY0138

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	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: CANY0139

NPS Station ID: CANY0139
 Location: (D-30-19)15AA
 Station Type: /TYPA/AMBNT/SPRING
 RMI-Indexes:
 RMI-Miles:
 HUC: 14030005
 Major Basin: COLORADO RIVER
 Minor Basin: UPPER COLORADO RIVER
 RF1 Index: 14030005
 RF3 Index: 14070004002901.17

LAT/LON: 38.182531/-109.819060

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 2.36

Agency: 11NPSWRD
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): CANY_ERI_BS7
 Within Park Boundary: Yes

Date Created: 08/21/99

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.80
 Distance from RF3: 0.11

On/Off RF1:
 On/Off RF3:

Description:

The station is located on The Loop Utah 7.5 minute series (topographic) quadrangle. The site is a spring in the alluvium of Elephant Canyon in Canyonlands National Park. The site is a rise located behind a large rock outcrop about 10 feet higher than the stream on the right facing downstream. Periphytic growth suggests the water is not the exclusive result of recent rains. The site lacks riparian vegetation. Flow measured in 90 degree triangular notch weir. The data are from the report "Water Resources Descriptions and Data Base Canyonlands National Park Needles District and Adjacent BLM Lands" prepared by Ecosystems Research Institute (October 1984). For information on Canyonlands National Park; contact the Chief of Resources at Canyonlands National Park; 2282 S. West Resource Blvd.; Moab UT 84532 (Tel. 801-259-7164). Data were processed and uploaded to STORET by Lisa Dummer; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: CANY0139

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/25/84-04/25/84	1	9.5	9.5	9.5	9.5	0.	0.	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	04/25/84-04/25/84	1	0.009	0.009	0.009	0.009	0.	0.	**	**	**	**
00094 SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	04/25/84-04/25/84	1	540.	540.	540.	540.	0.	0.	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	04/25/84-04/25/84	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00406 PH, FIELD, STANDARD UNITS SU	04/25/84-04/25/84	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS	04/25/84-04/25/84	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/25/84-04/25/84	1	0.032	0.032	0.032	0.032	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0139

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	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: CANY0140

NPS Station ID: CANY0140 Location: (D-30-19)I4AAB-S1 LOWER LITTLE SPRING Station Type: /TYPA/AMBNT/SPRING RMI-Indexes: RMI-Miles: HUC: 14030005 Major Basin: COLORADO RIVER Minor Basin: UPPER COLORADO RIVER RF1 Index: 14030005 RF3 Index: 14070004002901.17 Description: The station is located on The Loop Utah 7.5 minute series (topographic) quadrangle. The site is Lower Little Spring in Canyonlands National Park. Lower Little Spring is located at the junction of Little Spring Canyon and a small dry wash entering from the east. Little Spring Canyon seems to be perennial at this location. The site has been historically classified as a spring. Flow was measured in a 90 degree triangular notch weir. Source Type: Spring. The data are from the report "Water Resources Descriptions and Data Base Canyonlands National Park Needles District and Adjacent BLM Lands" prepared by Ecosystems Research Institute (October 1984). For information on Canyonlands National Park; contact the Chief of Resources at Canyonlands National Park; 2282 S. West Resource Blvd.; Moab UT 84532 (Tel. 801-259-7164). Data were processed and uploaded to STORET by Lisa Dummer; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).	LAT/LON: 38.184309/-109.799838 Depth of Water: 0 Elevation: 0 RF1 Mile Point: 0.000 RF3 Mile Point: 2.36	Agency: 11NPSWRD FIPS State/County: 49037 UTAH/SAN JUAN STORET Station ID(s): CANY_ERI_LS2 Within Park Boundary: Yes Aquifer: Water Body Id: ECO Region: Distance from RF1: 0.80 Distance from RF3: 0.11

Date Created: 08/21/99

On/Off RF1:
On/Off RF3:

Parameter Inventory for Station: CANY0140

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/24/84-04/24/84	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	04/24/84-04/24/84	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00094 SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	04/24/84-04/24/84	1	702.	702.	702.	702.	0.	0.	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	04/24/84-04/24/84	1	8.5	8.5	8.5	8.5	0.	0.	**	**	**	**
00406 PH, FIELD, STANDARD UNITS SU	04/24/84-04/24/84	1	7.77	7.77	7.77	7.77	0.	0.	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS	04/24/84-04/24/84	1	7.77	7.77	7.77	7.77	0.	0.	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/24/84-04/24/84	1	0.017	0.017	0.017	0.017	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0140

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	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: CANY0141

NPS Station ID: CANY0141
 Location: (D-30-19)I4AD
 Station Type: /TYPA/AMBNT/SPRING
 RMI-Indexes:

LAT/LON: 38.184698/-109.797976

Agency: 11NPSWRD
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): CANY_ERI_LS3
 Within Park Boundary: Yes

Date Created: 08/21/99

RMI-Miles:
 HUC: 14030005
 Major Basin: COLORADO RIVER
 Minor Basin: UPPER COLORADO RIVER
 RF1 Index: 14030005
 RF3 Index: 14070004002901.17

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 2.36

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.80
 Distance from RF3: 0.11

On/Off RF1:
 On/Off RF3:

Description:
 The station is located on The Loop Utah 7.5 minute series (topographic) quadrangle. The site is a seep at the head of a west facing drainage in a small tributary canyon on the east of Little Spring Canyon in Canyonlands National Park. The seep emerges under a bedrock outcrop within the channel of a dry wash. No riparian vegetation was found although the presence of mosses and periphyton indicate relative permanence of the source. Formation: Elephant Canyon. The data are from the report "Water Resources Descriptions and Data Base Canyonlands National Park Needles District and Adjacent BLM Lands" prepared by Ecosystems Research Institute (October 1984). For information on Canyonlands National Park; contact the Chief of Resources at Canyonlands National Park; 2282 S. West Resource Blvd.; Moab UT 84532 (Tel. 801-259-7164). Data were processed and uploaded to STORET by Lisa Dummer; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: CANY0141

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/24/84-04/24/84	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	04/24/84-04/24/84	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00094 SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	04/24/84-04/24/84	1	814.	814.	814.	814.	0.	0.	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	04/24/84-04/24/84	1	12.9	12.9	12.9	12.9	0.	0.	**	**	**	**
00406 PH, FIELD, STANDARD UNITS SU	04/24/84-04/24/84	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS	04/24/84-04/24/84	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/24/84-04/24/84	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: CANY0141

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	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: CANY0142

NPS Station ID: CANY0142
 Location: (D-30-20)7DC
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 14030005
 Major Basin: COLORADO RIVER
 Minor Basin: UPPER COLORADO RIVER
 RF1 Index: 14030005
 RF3 Index: 14070004002901.17

LAT/LON: 38.185670/-109.766504

Depth of Water: 0
 Elevation: 0

RF1 Mile Point: 0.000
 RF3 Mile Point: 2.36

Agency: 11NPSWRD
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): CANY_ERI_SC20
 Within Park Boundary: Yes

Date Created: 08/21/99

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.80
 Distance from RF3: 0.11

On/Off RF1:
 On/Off RF3:

Description:
 The station is located on The Loop Utah 7.5 minute series (topographic) quadrangle. The site is a rise located in an abandoned meander adjacent to Salt Creek in Canyonlands National Park. This source was previously classified as a spring. Source Type: Rise. Formation: Alluvium. Position: Stream channel. Substrate: Sand/silt. The data are from the report "Water Resources Descriptions and Data Base Canyonlands National Park Needles District and Adjacent BLM Lands" prepared by Ecosystems Research Institute (October 1984). For information on Canyonlands National Park; contact the Chief of Resources at Canyonlands National Park; 2282 S. West Resource Blvd.; Moab UT 84532 (Tel. 801-259-7164). Data were processed and uploaded to STORET by Lisa Dummer; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: CANY0142

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/24/84-04/24/84	1	15.1	15.1	15.1	15.1	0.	0.	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	04/24/84-04/24/84	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00094 SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	04/24/84-04/24/84	1	4650.	4650.	4650.	4650.	0.	0.	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	04/24/84-04/24/84	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00406 PH, FIELD, STANDARD UNITS SU	04/24/84-04/24/84	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS	04/24/84-04/24/84	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/24/84-04/24/84	1	0.032	0.032	0.032	0.032	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0142

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	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: CANY0143

NPS Station ID: CANY0143
 Location: (D-30-19)14AAB-S1
 Station Type: /TYPA/AMBNT/SPRING
 RMI-Indexes:
 RMI-Miles:
 HUC: 14030005
 Major Basin:
 Minor Basin:
 RF1 Index: 14030005
 RF3 Index: 14030005058500.73
 Description:

LAT/LON: 38.186115/-109.805838

Depth of Water: 0
 Elevation: 0

RF1 Mile Point: 0.000
 RF3 Mile Point: 2.48

Agency: 112WRD
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): 381110109482101
 Within Park Boundary: Yes

Date Created: 11/07/81

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 28.00
 Distance from RF3: 0.00

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: CANY0143

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-04/07/70	1	10.5	10.5	10.5	10.5	0.	0.	**	**	**
00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	04/07/70-04/07/70	1	13.	13.	13.	13.	0.	0.	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/07/70-04/07/70	1	571.	571.	571.	571.	0.	0.	**	**	**
00400	PH (STANDARD UNITS)	04/07/70-04/07/70	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/07/70-04/07/70	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/07/70-04/07/70	1	0.025	0.025	0.025	0.025	0.	0.	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	04/07/70-04/07/70	1	14.	14.	14.	14.	0.	0.	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	04/07/70-04/07/70	1	277.	277.	277.	277.	0.	0.	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	04/07/70-04/07/70	1	338.	338.	338.	338.	0.	0.	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	04/07/70-04/07/70	1	0.	0.	0.	0.	0.	0.	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	04/07/70-04/07/70	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	04/07/70-04/07/70	1	234.	234.	234.	234.	0.	0.	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	04/07/70-04/07/70	1	0.	0.	0.	0.	0.	0.	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	04/07/70-04/07/70	1	59.	59.	59.	59.	0.	0.	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS Mg)	04/07/70-04/07/70	1	21.	21.	21.	21.	0.	0.	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS Na)	04/07/70-04/07/70	1	39.	39.	39.	39.	0.	0.	**	**	**
00931	SODIUM ADSORPTION RATIO	04/07/70-04/07/70	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**
00932	SODIUM, PERCENT	04/07/70-04/07/70	1	26.	26.	26.	26.	0.	0.	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/07/70-04/07/70	1	3.6	3.6	3.6	3.6	0.	0.	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/07/70-04/07/70	1	16.	16.	16.	16.	0.	0.	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	04/07/70-04/07/70	1	25.	25.	25.	25.	0.	0.	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/07/70-04/07/70	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SiO2)	04/07/70-04/07/70	1	9.2	9.2	9.2	9.2	0.	0.	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	04/07/70-04/07/70	1	0.	0.	0.	0.	0.	0.	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	04/07/70-04/07/70	1	60.	60.	60.	60.	0.	0.	**	**	**
01040	COPPER, DISSOLVED (UG/L AS Cu)	04/07/70-04/07/70	1	10.	10.	10.	10.	0.	0.	**	**	**
01046	IRON, DISSOLVED (UG/L AS Fe)	04/07/70-04/07/70	1	20.	20.	20.	20.	0.	0.	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS Se)	04/07/70-04/07/70	1	0.	0.	0.	0.	0.	0.	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/07/70-04/07/70	1	337.	337.	337.	337.	0.	0.	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/07/70-04/07/70	1	340.	340.	340.	340.	0.	0.	**	**	**
71850	NITRATE NITROGEN,TOTAL (MG/L AS NO3)	04/07/70-04/07/70	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	04/07/70-04/07/70	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0143

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	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			
00618 NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00							1	0	0.00			
	Fresh Acute	860.	1	0	0.00							1	0	0.00			
00940 CHLORIDE, TOTAL IN WATER	Drinking Water	250.	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			
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			
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			
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			
71850 NITRATE NITROGEN, TOTAL (AS NO3)	Drinking Water	44.	1	0	0.00							1	0	0.00			
71851 NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	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: CANY0144

NPS Station ID: CANY0144 Location: PLUG SPRING 1 MI N/NW OF THE PLUG Station Type: /TYPA/AMBNT/SPRING RMI-Indexes: RMI-Miles: HUC: 14060008 Major Basin: COLORADO RIVER Minor Basin: UPPER COLORADO RIVER RF1 Index: 14060008 RF3 Index: 14070004002901.17 Description: THE STATION IS LOCATED ON THE ELATERITE BASIN UTAH 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. PLUG SPRING IS LOCATED INSIDE THE CANYONLANDS NATIONAL PARK BOUNDARY. THE SAMPLES WERE COLLECTED AND ANALYZED BY NATIONAL PARK SERVICE PERSONNEL. THE MONITORING BEGAN IN RESPONSE TO A PROPOSED SITING OF A NUCLEAR WASTE REPOSITORY NEAR THE PARK AS STATED BY B. LONG AND R. SMITH IN THE REPORT "WATER QUALITY DATA ANALYSIS AND INTERPRETATION FOR SPRING MONITORING SITES SOUTHEAST UTAH GROUP" (AUGUST 1996). THE INITIAL MONITORING OBJECTIVES WERE TO ESTABLISH A BASELINE DATABASE; DETECT POTENTIAL CHANGES; AND IDENTIFY AREAS OF CONCERN. THE UTAH DEPARTMENT OF ENVIRONMENTAL QUALITY ANALYZED THE SAMPLES IN A COOPERATIVE EFFORT WITH THE PARK SERVICE BEGINNING 10/23/1990. THESE DATA CAN BE FOUND UNDER THE STATION 599551. DATA WERE PROCESSED AND UPLOADED TO STORET BY LISA DUMMER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).	LAT/LON: 38.186587/-110.003309 Depth of Water: 0 Elevation: 0 RF1 Mile Point: 0.000 RF3 Mile Point: 2.36	Agency: 11NPSWRD FIPS State/County: 49055 UTAH/WAYNE STORET Station ID(s): CANY_NPS_599551/SF1 /599551 Within Park Boundary: Yes Aquifer: Water Body Id: ECO Region: Distance from RF1: 0.80 Distance from RF3: 0.11	Date Created: 05/22/99 On/Off RF1: On/Off RF3:

Parameter Inventory for Station: CANY0144

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/14/84-05/10/90	12	12.2	12.383	16.	9.9	2.269	1.506	10.2	11.85	12.725	15.4
00059 FLOW, RATE, INSTANTANEOUS GALLONS/MIN	10/03/85-04/23/87	3	0.62	49.747	148.5	0.12	7314.228	85.523	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	10/03/85-04/23/87	3	0.3	0.434	1.	0.001	0.263	0.513	**	**	**	**
00090 OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	05/10/90-05/10/90	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00094 SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	10/14/84-05/10/90	12	695.5	693.417	742.	615.	1740.811	41.723	623.7	662.75	734.5	740.8
00300 OXYGEN, DISSOLVED MG/L	10/14/84-05/10/90	10	6.45	6.92	9.5	5.1	2.535	1.592	5.12	5.6	8.6	9.44
00400 PH (STANDARD UNITS)	10/14/84-05/10/90	12	6.9	6.864	8.	5.7	0.525	0.725	5.79	6.137	7.413	7.91
00400 CONVERTED PH (STANDARD UNITS)	10/14/84-05/10/90	12	6.889	6.386	8.	5.7	0.775	0.88	5.79	6.137	7.413	7.91
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/14/84-05/10/90	12	0.129	0.412	1.995	0.01	0.36	0.6	0.013	0.039	0.736	1.697
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	06/05/85-10/06/89	10	319.	339.9	452.	257.	5238.544	72.378	257.3	275.	406.	451.3
00480 SALINITY - PARTS PER THOUSAND	05/10/90-05/10/90	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	10/14/84-05/10/90	12 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
00655 PHOSPHATE, POLY (MG/L AS PO4)	10/14/84-05/10/90	12	1.3	2.767	16.	0.4	18.718	4.326	0.43	0.638	3.1	12.4
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	10/14/84-05/10/90	11	376.	356.	428.	200.	3841.4	61.979	220.	340.	393.	424.4
00940 CHLORIDE, TOTAL IN WATER MG/L	10/19/87-05/10/90	6	64.5	70.667	136.	38.	1224.667	34.995	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	10/14/84-05/10/90	12	21.5	20.5	48.	2.5	258.545	16.079	2.5	2.5	33.5	45.9
01042 COPPER, TOTAL (UG/L AS CU)	10/14/84-05/10/90	12 ##	50.	85.	280.	50.	5336.364	73.05	50.	50.	95.	250.
01045 IRON, TOTAL (UG/L AS FE)	10/14/84-05/10/90	12	445.	745.833	2000.	50.	508935.606	713.397	50.	175.	1527.5	1910.
01055 MANGANESE, TOTAL (UG/L AS MN)	10/14/84-05/10/90	11	200.	369.091	1150.	50.	116729.091	341.656	50.	150.	600.	1050.

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

Parameter Inventory for Station: CANY0144

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501 COLIFORM,TOT, MEMBRANE FILTER, IMMED.M-ENDO MED,35C	04/17/86-05/06/89	2 ##	75.	75.	150.	0.	11250.	106.066	**	**	**	**
31501 LOG COLIFORM,TOT, MEMBRANE FILTER, IMMED.M-ENDO MED,	04/17/86-05/06/89	2 ##	1.088	1.088	2.176	0.	2.368	1.539	**	**	**	**
31501 GM COLIFORM,TOT, MEMBRANE FILTER, IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			12.247								
31616 FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/06/89-05/06/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
31616 LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	05/06/89-05/06/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
31616 GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			1.								

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

EPA Water Quality Criteria Analysis for Station: CANY0144

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	10	0	0.00	3	0	0.00	1	0	0.00	5	0	0.00	1	0	0.00
00400 PH	Fresh Chronic	9.	12	0	0.00	5	0	0.00	1	0	0.00	5	0	0.00	1	0	0.00
	Other-Lo Lim.	6.5	12	4	0.33	5	2	0.40	1	0	0.00	5	1	0.20	1	1	1.00
00620 NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	12	0	0.00	6	0	0.00	1	0	0.00	4	0	0.00	1	0	0.00
00940 CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	6	0	0.00	2	0	0.00	1	0	0.00	3	0	0.00			
	Drinking Water	250.	6	0	0.00	2	0	0.00	1	0	0.00	3	0	0.00			
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	250.	12	0	0.00	6	0	0.00	1	0	0.00	4	0	0.00	1	0	0.00
01042 COPPER, TOTAL	Fresh Acute	18.	3 &	3	1.00	1	1	1.00	1	1	1.00	1	1	1.00			
	Drinking Water	1300.	12	0	0.00	6	0	0.00	1	0	0.00	4	0	0.00	1	0	0.00
31501 COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	0	0.00							2	0	0.00			
31616 FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	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: CANY0145

NPS Station ID: CANY0145	LAT/LON: 38.187753/-109.819420	Agency: 11NPSWRD	Date Created: 08/21/99
Location: (D-30-19)10DD		FIPS State/County: 49037 UTAH/SAN JUAN	
Station Type: /TYPA/AMBNT/SPRING		STORET Station ID(s): CANY_ERI_BS8	
RMI-Indexes:		Within Park Boundary: Yes	
RMI-Miles:			
HUC: 14030005	Depth of Water: 0	Aquifer:	
Major Basin: COLORADO RIVER	Elevation: 0	Water Body Id:	
Minor Basin: UPPER COLORADO RIVER		ECO Region:	
RF1 Index: 14030005	RF1 Mile Point: 0.000	Distance from RF1: 0.80	On/Off RF1:
RF3 Index: 14070004002901.17	RF3 Mile Point: 2.36	Distance from RF3: 0.11	On/Off RF3:
Description:			
The station is located on The Loop Utah 7.5 minute series (topographic) quadrangle. The site is a small seep in Canyonlands National Park. The small seep issues from a rock outcrop about 20 feet from the main flow. Presence of periphyton indicates some degree of permanence. Flow insufficient to measure quantity or quality. Formation: Elephant Canyon. The data are from the report "Water Resources Descriptions and Data Base Canyonlands National Park Needles District and Adjacent BLM Lands" prepared by Ecosystems Research Institute (October 1984). For information on Canyonlands National Park; contact the Chief of Resources at Canyonlands National Park; 2282 S. West Resource Blvd.; Moab UT 84532 (Tel. 801-259-7164). Data were processed and uploaded to STORET by Lisa Dummer; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).			

Parameter Inventory for Station: CANY0145

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/25/84-04/25/84	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: CANY0146

NPS Station ID: CANY0146 LAT/LON: 38.188333/-110.026833

Location: S FK HORSE CYN SPG 1MI E/NE OF THE GAP (UPSTR) S

Station Type: /TYPA/AMBNT/SPRING

RMI-Indexes:

RMI-Miles:

HUC: 14060008

Major Basin:

Minor Basin:

RF1 Index:

RF3 Index: 14060008013500.00

Description:

WATER QUALITY STATION IS LOCATED IN CANYONLANDS NP. THIS PARK IS

SAMPLES WERE COLLECTED BY CANYONLANDS NATIONAL PARK NATURAL RESOURCE MANAGED BY THE NATIONAL PARK SERVICE'S SOUTHEAST UTAH GROUP. WATER

435-259-3911); ANALYZED BY THE UTAH DEPARTMENT OF HEALTH LABORATORY; AND ULOADED INTO STORET BY THE UTAH DEPARTMENT OF ENVIRONMENTAL

QUALITY - DIVISION OF WATER QUALITY. DATA COLLECTED AT THE SAME LOCATION PRIOR TO 10/23/1990 CAN BE FOUND AT STATION CANY_NPS_599544.

Agency: 21UTAH

FIPS State/County: 49055 UTAH/WAYNE

STORET Station ID(s): 599544

Within Park Boundary: Yes

Date Created: / /

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 0.00

Distance from RF3: 0.00

On/Off RF1:

On/Off RF3:

Parameter Inventory for Station: CANY0146

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/23/90-10/23/90	1	14.1	14.1	14.1	14.1	0.	0.	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	05/13/91-05/13/91	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/23/90-10/23/90	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00094 SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/23/90-10/23/90	1	437.	437.	437.	437.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/23/90-10/23/90	1	463.	463.	463.	463.	0.	0.	**	**	**	**
00191 HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	10/23/90-10/23/90	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	10/23/90-10/23/90	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	10/23/90-10/23/90	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	10/23/90-10/23/90	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/23/90-10/23/90	1	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00405 CARBON DIOXIDE (MG/L AS CO2)	10/23/90-10/23/90	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00406 PH, FIELD, STANDARD UNITS SU	10/23/90-10/23/90	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS	10/23/90-10/23/90	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/23/90-10/23/90	1	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	10/23/90-10/23/90	1	124.	124.	124.	124.	0.	0.	**	**	**	**
00440 BICARBONATE ION (MG/L AS HCO3)	10/23/90-10/23/90	1	152.	152.	152.	152.	0.	0.	**	**	**	**
00445 CARBONATE ION (MG/L AS CO3)	10/23/90-10/23/90	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/23/90-10/23/90	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/23/90-10/23/90	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00613 NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/23/90-10/23/90	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00618 NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/23/90-10/23/90	1	0.31	0.31	0.31	0.31	0.	0.	**	**	**	**
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/23/90-10/23/90	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00665 PHOSPHORUS, TOTAL (MG/L AS P)	10/23/90-10/23/90	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00666 PHOSPHORUS, DISSOLVED (MG/L AS P)	10/23/90-10/23/90	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	10/23/90-10/23/90	1	209.5	209.5	209.5	209.5	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	10/23/90-10/23/90	1	51.	51.	51.	51.	0.	0.	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	10/23/90-10/23/90	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	10/23/90-10/23/90	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	10/23/90-10/23/90	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

Parameter Inventory for Station: CANY0146

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/23/90-10/23/90	1	9.9	9.9	9.9	9.9	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	10/23/90-10/23/90	1	100.	100.	100.	100.	0.	0.	**	**	**	**
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	10/23/90-10/23/90	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/23/90-10/23/90	1	280.	280.	280.	280.	0.	0.	**	**	**	**
80110	SPECIFIC GRAVITY WATER-UNITY AT 4C	10/23/90-10/23/90	1	0.22	0.22	0.22	0.22	0.	0.	**	**	**	**
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/23/90-10/23/90	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	10/23/90-10/23/90	1	0.19	0.19	0.19	0.19	0.	0.	**	**	**	**
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/23/90-10/23/90	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/23/90-10/23/90	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/23/90-10/23/90	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	10/23/90-10/23/90	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/23/90-10/23/90	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/23/90-10/23/90	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/23/90-10/23/90	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/23/90-10/23/90	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/23/90-10/23/90	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: CANY0146

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	1	0	0.00			1	0	0.00						
00300	OXYGEN, DISSOLVED	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						
00406	PH, FIELD	Other-Lo Lim.	6.5	1	0	0.00			1	0	0.00						
		Fresh Chronic	9.	1	0	0.00			1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00			1	0	0.00						
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1	0	0.00			1	0	0.00						
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00			1	0	0.00						
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00			1	0	0.00						
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00			1	0	0.00						
		Fresh Acute	20.	1	0	0.00			1	0	0.00						
		Drinking Water	50.	1	0	0.00			1	0	0.00						
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	360.	1	0	0.00			1	0	0.00						
		Drinking Water	50.	1	0	0.00			1	0	0.00						
		Drinking Water	2.	1	0	0.00			1	0	0.00						
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	3.9	1	0	0.00			1	0	0.00						
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATE	Drinking Water	5.	1	0	0.00			1	0	0.00						
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WAT	Drinking Water	100.	1	0	0.00			1	0	0.00						
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	18.	1	0	0.00			1	0	0.00						
		Drinking Water	1300.	1	0	0.00			1	0	0.00						
		Fresh Acute	82.	1	0	0.00			1	0	0.00						
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER	Drinking Water	15.	1	0	0.00			1	0	0.00						
		Fresh Acute	2.4	1	0	0.00			1	0	0.00						
		Drinking Water	2.	1	0	0.00			1	0	0.00						
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	4.1	1	0	0.00			1	0	0.00						
		Drinking Water	100.	1	0	0.00			1	0	0.00						
		Fresh Acute	120.	1	0	0.00			1	0	0.00						
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER	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: CANY0147

NPS Station ID: CANY0147 LAT/LON: 38.188365/-110.026948

Location: S FK HORSE CYN SPG 1 MI E/NE OF THE GAP (UPSTR)

Station Type: /TYPA/AMBNT/SPRING

RMI-Indexes:

RMI-Miles:

HUC: 14060008

Major Basin: COLORADO RIVER

Minor Basin: UPPER COLORADO RIVER

RF1 Index: 14060008

RF3 Index: 14070004002901.17

Description:

THE STATION IS LOCATED ON THE ELATERITE BASIN UTAH 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. GAP UPPER SPRING IS LOCATED INSIDE THE CANYONLANDS NATIONAL PARK BOUNDARY. THE SAMPLES WERE COLLECTED AND ANALYZED BY NATIONAL PARK SERVICE PERSONNEL. THE MONITORING BEGAN IN RESPONSE TO A PROPOSED SITING OF A NUCLEAR WASTE REPOSITORY NEAR THE PARK AS STATED BY B. LONG AND R. SMITH IN THE REPORT "WATER QUALITY DATA ANALYSIS AND INTERPRETATION FOR SPRING MONITORING SITES SOUTHEAST UTAH GROUP" (AUGUST 1996). THE INITIAL MONITORING OBJECTIVES WERE TO ESTABLISH A BASELINE DATABASE; DETECT POTENTIAL CHANGES; AND IDENTIFY AREAS OF CONCERN. THE UTAH DEPARTMENT OF ENVIRONMENTAL QUALITY ANALYZED THE SAMPLES IN A COOPERATIVE EFFORT WITH THE PARK SERVICE AFTER 10/23/1990. THESE DATA CAN BE FOUND UNDER THE STATION 599544. DATA WERE PROCESSED AND UPLOADED TO STORET BY LISA DUMMER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Agency: 11NPSWRD

FIPS State/County: 49055 UTAH/WAYNE

STORET Station ID(s): CANY_NPS_599544/SF6 /599544

Within Park Boundary: Yes

Date Created: 05/22/99

Depth of Water: 0

Elevation: 0

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 0.80

Distance from RF3: 0.11

On/Off RF1:

On/Off RF3:

Parameter Inventory for Station: CANY0147

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/15/84-10/06/89	10	14.4	14.94	24.1	9.7	16.96	4.118	9.88	11.725	16.95	23.55
00059 FLOW, RATE, INSTANTANEOUS GALLONS/MIN	10/02/85-10/02/85	1	0.23	0.23	0.23	0.23	0.	0.	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	10/02/85-10/02/85	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00094 SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	10/15/84-10/06/89	9	681.	692.889	797.	552.	7273.861	85.287	552.	627.5	775.	797.
00300 OXYGEN, DISSOLVED MG/L	10/15/84-10/06/89	9	5.6	6.078	9.4	3.3	3.459	1.86	3.3	5.1	7.7	9.4
00400 PH (STANDARD UNITS)	10/15/84-10/06/89	10	7.25	7.37	8.5	6.6	0.471	0.686	6.61	6.775	8.025	8.49
00400 CONVERTED PH (STANDARD UNITS)	10/15/84-10/06/89	10	7.247	7.042	8.5	6.6	0.591	0.769	6.61	6.775	8.025	8.49
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/15/84-10/06/89	10	0.057	0.091	0.251	0.003	0.008	0.088	0.003	0.01	0.169	0.246
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	04/16/85-10/06/89	10	275.5	288.2	393.	160.	6572.844	81.073	162.8	227.	364.	391.3
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	10/15/84-10/06/89	11 ##	0.05	0.15	1.	0.05	0.081	0.285	0.05	0.05	0.05	0.84
00655 PHOSPHATE, POLY (MG/L AS PO4)	10/15/84-10/06/89	11	0.9	2.059	13.5	0.05	15.09	3.885	0.05	0.05	2.1	11.3
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	10/15/84-10/06/89	10	368.	368.5	479.	260.	3739.611	61.152	264.	330.	410.	472.1
00940 CHLORIDE, TOTAL IN WATER MG/L	10/17/87-10/06/89	5	61.	101.4	273.	45.	9444.8	97.184	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	10/15/84-10/06/89	11	46.	51.818	96.	35.	326.164	18.06	35.2	38.	57.	91.2
01042 COPPER, TOTAL (UG/L AS CU)	10/15/84-10/06/89	11 ##	50.	112.727	500.	50.	17841.818	133.573	50.	50.	130.	426.
01045 IRON, TOTAL (UG/L AS FE)	10/15/84-10/06/89	11	120.	147.273	300.	50.	8921.818	94.455	50.	50.	220.	294.
01055 MANGANESE, TOTAL (UG/L AS MN)	10/15/84-10/06/89	10	200.	252.	600.	50.	45151.111	212.488	50.	50.	497.5	595.
31501 COLIFORM, TOT, MEMBRANE FILTER, IMMED. M-ENDO MED, 35C	10/06/88-05/06/89	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
31501 LOG COLIFORM, TOT, MEMBRANE FILTER, IMMED. M-ENDO MED,	10/06/88-05/06/89	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: CANY0147

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501 GM COLIFORM,TOT,MEMBRANE FILTER,IMMED,M-ENDO MED,3	GEOMETRIC MEAN =			1.								
31616 FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/06/88-05/06/89	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
31616 LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/06/88-05/06/89	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
31616 GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.								

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

EPA Water Quality Criteria Analysis for Station: CANY0147

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	9	1	0.11	2	0	0.00	2	1	0.50	4	0	0.00	1	0	0.00
00400 PH	Fresh Chronic	9.	10	0	0.00	3	0	0.00	2	0	0.00	4	0	0.00	1	0	0.00
	Other-Lo Lim.	6.5	10	0	0.00	3	0	0.00	2	0	0.00	4	0	0.00	1	0	0.00
00620 NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	11	0	0.00	4	0	0.00	2	0	0.00	4	0	0.00	1	0	0.00
00940 CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	5	0	0.00	2	0	0.00	1	0	0.00	2	0	0.00			
	Drinking Water	250.	5	1	0.20	2	0	0.00	1	0	0.00	2	1	0.50			
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	250.	11	0	0.00	4	0	0.00	2	0	0.00	4	0	0.00	1	0	0.00
01042 COPPER, TOTAL	Fresh Acute	18.	4 &	4	1.00	1	1	1.00	1	1	1.00	1	1	1.00	1	1	1.00
	Drinking Water	1300.	11	0	0.00	4	0	0.00	2	0	0.00	4	0	0.00	1	0	0.00
31501 COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	0	0.00	1	0	0.00				1	0	0.00			
31616 FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	2	0	0.00	1	0	0.00				1	0	0.00			

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

Station Inventory for Station: CANY0148

NPS Station ID: CANY0148 Location: (D-30-19)10DD Station Type: /TYPA/AMBNT/SPRING RMI-Indexes: RMI-Miles: HUC: 14030005 Major Basin: COLORADO RIVER Minor Basin: UPPER COLORADO RIVER RF1 Index: 14030005 RF3 Index: 14070004002901.17 Description: The station is located on The Loop Utah 7.5 minute series (topographic) quadrangle. The site is a spring in the lower jump of Big Spring Canyon in Canyonlands National Park. The spring flows from cracks in the rock about halfway up an overhanging wall. Principal source is on stream left facing upstream. Vegetation consists primarily of Aquilegia spp. Flow is adequate for collection of sample but hard to measure volume due to multiple sources. Formation: Elephant Canyon. The data are from the report "Water Resources Descriptions and Data Base Canyonlands National Park Needles District and Adjacent BLM Lands" prepared by Ecosystems Research Institute (October 1984). For information on Canyonlands National Park; contact the Chief of Resources at Canyonlands National Park; 2282 S. West Resource Blvd.; Moab UT 84532 (Tel. 801-259-7164). Data were processed and uploaded to STORET by Lisa Dummer; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).	LAT/LON: 38.189365/-109.820671 Depth of Water: 0 Elevation: 0 RF1 Mile Point: 0.000 RF3 Mile Point: 2.36	Agency: 11NPSWRD FIPS State/County: 49037 UTAH/SAN JUAN STORET Station ID(s): CANY_ERI_BS9 Within Park Boundary: Yes Aquifer: Water Body Id: ECO Region: Distance from RF1: 0.80 Distance from RF3: 0.11

Date Created: 08/21/99

On/Off RF1:
On/Off RF3:

Parameter Inventory for Station: CANY0148

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/25/84-04/25/84	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00094 SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	04/25/84-04/25/84	1	584.	584.	584.	584.	0.	0.	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	04/25/84-04/25/84	1	8.7	8.7	8.7	8.7	0.	0.	**	**	**	**
00406 PH, FIELD, STANDARD UNITS SU	04/25/84-04/25/84	1	7.84	7.84	7.84	7.84	0.	0.	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS	04/25/84-04/25/84	1	7.84	7.84	7.84	7.84	0.	0.	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/25/84-04/25/84	1	0.014	0.014	0.014	0.014	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0148

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00	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: CANY0149

NPS Station ID: CANY0149 LAT/LON: 38.190059/-110.026948

Location: S FK HORSE CYN SPG 1 MI E/NE OF THE GAP (DWNSTR)

Station Type: /TYPA/AMBNT/SPRING

RMI-Indexes:

RMI-Miles:

HUC: 14060008

Major Basin: COLORADO RIVER

Minor Basin: UPPER COLORADO RIVER

RF1 Index: 14060008

RF3 Index: 14070004002901.17

Description:

THE STATION IS LOCATED ON THE ELATERITE BASIN UTAH 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. GAP DOWNSTREAM IS A WASH SPRING AND IS LOCATED INSIDE THE CANYONLANDS NATIONAL PARK BOUNDARY. THE SAMPLES WERE COLLECTED AND ANALYZED BY NATIONAL PARK SERVICE PERSONNEL. THE MONITORING BEGAN IN RESPONSE TO A PROPOSED SITING OF A NUCLEAR WASTE REPOSITORY NEAR THE PARK AS STATED BY B. LONG AND R. SMITH IN THE REPORT "WATER QUALITY DATA ANALYSIS AND INTERPRETATION FOR SPRING MONITORING SITES SOUTHEAST UTAH GROUP" (AUGUST 1996). THE INITIAL MONITORING OBJECTIVES WERE TO ESTABLISH A BASELINE DATABASE; DETECT POTENTIAL CHANGES; AND IDENTIFY AREAS OF CONCERN. THE UTAH DEPARTMENT OF ENVIRONMENTAL QUALITY ANALYZED THE SAMPLES IN A COOPERATIVE EFFORT WITH THE PARK SERVICE BEGINNING 10/23/1990. THESE DATA CAN BE FOUND UNDER THE STATION 599543. DATA WERE PROCESSED AND UPLOADED TO STORET BY LISA DUMMER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Agency: 11NPSWRD

FIPS State/County: 49055 UTAH/WAYNE

STORET Station ID(s): CANY_NPS_599543/SF5 /599543

Within Park Boundary: Yes

Date Created: 05/22/99

Depth of Water: 0

Elevation: 0

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 0.80

Distance from RF3: 0.11

On/Off RF1:

On/Off RF3:

Parameter Inventory for Station: CANY0149

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/15/84-05/10/90	10	12.7	13.03	18.7	9.7	8.445	2.906	9.73	10.675	15.425	18.44
00059 FLOW, RATE, INSTANTANEOUS GALLONS/MIN	04/24/87-04/24/87	1	2.03	2.03	2.03	2.03	0.	0.	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	04/24/87-04/24/87	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00090 OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	04/16/85-05/10/90	2 ##	0.02	0.02	0.04	0.	0.001	0.028	**	**	**	**
00094 SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	10/15/84-05/10/90	9	608.	597.778	660.	528.	2065.944	45.453	528.	554.	633.5	660.
00300 OXYGEN, DISSOLVED MG/L	10/15/84-05/10/90	10	4.85	4.91	8.9	1.3	9.03	3.005	1.34	2.	8.05	8.86
00400 PH (STANDARD UNITS)	10/15/84-05/10/90	10	6.95	6.619	8.2	4.5	1.357	1.165	4.52	6.125	7.223	8.139
00400 CONVERTED PH (STANDARD UNITS)	10/15/84-05/10/90	10	6.947	5.28	8.2	4.5	3.35	1.83	4.52	6.125	7.222	8.139
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/15/84-05/10/90	10	0.113	5.252	31.623	0.006	124.721	11.168	0.008	0.066	5.177	30.456
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	04/16/85-10/06/89	8	255.	258.	342.	85.	6708.857	81.908	**	**	**	**
00480 SALINITY - PARTS PER THOUSAND	05/10/90-05/10/90	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	10/15/84-05/10/90	10 ##	0.05	0.065	0.2	0.05	0.002	0.047	0.05	0.05	0.05	0.185
00655 PHOSPHATE, POLY (MG/L AS PO4)	10/15/84-05/10/90	10	1.15	2.63	10.	0.05	12.647	3.556	0.095	0.5	3.625	9.85
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	10/15/84-05/10/90	10	341.	439.2	1470.	260.	132431.956	363.912	263.1	297.75	364.25	1361.
00940 CHLORIDE, TOTAL IN WATER MG/L	04/24/87-05/10/90	6	76.	111.	303.	45.	9715.2	98.566	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	10/15/84-05/10/90	10	46.	50.3	78.	31.	192.011	13.857	31.8	41.25	59.	76.7
01042 COPPER, TOTAL (UG/L AS CU)	10/15/84-05/10/90	10 ##	50.	99.	480.	50.	18276.667	135.191	50.	50.	65.	443.
01045 IRON, TOTAL (UG/L AS FE)	10/15/84-05/10/90	10 ##	85.	93.	170.	50.	2290.	47.854	50.	50.	127.5	168.
01055 MANGANESE, TOTAL (UG/L AS MN)	10/15/84-05/10/90	8	190.	223.75	580.	50.	35741.071	189.053	**	**	**	**

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

Parameter Inventory for Station: CANY0149

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501 COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/26/86-09/26/86	1	50.	50.	50.	50.	0.	0.	**	**	**	**
31501 LOG COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,	09/26/86-09/26/86	1	1.699	1.699	1.699	1.699	0.	0.	**	**	**	**
31501 GM COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			50.								

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

EPA Water Quality Criteria Analysis for Station: CANY0149

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	10	5	0.50	2	0	0.00	2	1	0.50	5	3	0.60	1	1	1.00
00400 PH	Fresh Chronic	9.	10	0	0.00	2	0	0.00	2	0	0.00	5	0	0.00	1	0	0.00
	Other-Lo Lim.	6.5	10	2	0.20	2	1	0.50	2	0	0.00	5	0	0.00	1	1	1.00
00620 NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	10	0	0.00	2	0	0.00	2	0	0.00	5	0	0.00	1	0	0.00
00940 CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	6	0	0.00	1	0	0.00	1	0	0.00	4	0	0.00			
	Drinking Water	250.	6	1	0.17	1	0	0.00	1	0	0.00	4	1	0.25			
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	250.	10	0	0.00	2	0	0.00	2	0	0.00	5	0	0.00	1	0	0.00
01042 COPPER, TOTAL	Fresh Acute	18.	2	2	1.00							1	1	1.00	1	1	1.00
	Drinking Water	1300.	10	0	0.00	2	0	0.00	2	0	0.00	5	0	0.00	1	0	0.00
31501 COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: CANY0150

NPS Station ID: CANY0150 LAT/LON: 38.190000/-110.026833

Location: S FK HORSE CYN SPG 1MI E/NE OF THE GAP (DOWNSTR)

Station Type: /TYPA/AMBNT/SPRING

RMI-Indexes:

RMI-Miles:

HUC: 14060008

Major Basin:

Minor Basin:

RF1 Index:

RF3 Index: 14060008013500.00

Description:

WATER QUALITY STATION IS LOCATED IN CANYONLANDS NP. THIS PARK IS

SAMPLES WERE COLLECTED BY CANYONLANDS NATIONAL PARK NATURAL RESOURCE

435-259-3911); ANALYZED BY THE UTAH DEPARTMENT OF HEALTH LABORATORY;

QUALITY - DIVISION OF WATER QUALITY. DATA COLLECTED AT THE SAME

Depth of Water: 0

Elevation: 0

RF1 Mile Point: 0.000

RF3 Mile Point: 1.51

Agency: 21UTAH

FIPS State/County: 49055 UTAH/WAYNE

STORET Station ID(s): 599543

Within Park Boundary: Yes

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 0.00

Distance from RF3: 0.06

Date Created: / /

On/Off RF1:

On/Off RF3:

Parameter Inventory for Station: CANY0150

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/23/90-05/01/92	4	11.75	11.9	15.6	8.5	9.647	3.106	**	**	**	**
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/13/91-05/01/92	3	23.8	23.6	24.	23.	0.28	0.529	**	**	**	**
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/23/90-05/01/92	4	1.35	1.54	3.	0.46	1.138	1.067	**	**	**	**
00094 SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/23/90-05/01/92	4	544.	545.75	607.	488.	2388.25	48.87	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/23/90-05/01/92	4	557.	566.	608.	542.	844.667	29.063	**	**	**	**
00191 HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	10/23/90-05/01/92	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	10/23/90-05/01/92	4	8.3	7.425	8.8	4.3	4.423	2.103	**	**	**	**
00400 PH (STANDARD UNITS)	10/23/90-05/01/92	4	7.9	7.95	8.1	7.9	0.01	0.1	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	10/23/90-05/01/92	4	7.9	7.942	8.1	7.9	0.01	0.1	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/23/90-05/01/92	4	0.013	0.011	0.013	0.008	0.	0.002	**	**	**	**
00405 CARBON DIOXIDE (MG/L AS CO2)	10/23/90-05/01/92	4	4.	4.	5.	3.	0.667	0.816	**	**	**	**
00406 PH, FIELD, STANDARD UNITS SU	10/23/90-05/01/92	4	7.75	7.55	8.2	6.5	0.55	0.742	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS	10/23/90-05/01/92	4	7.725	7.045	8.2	6.5	0.889	0.943	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/23/90-05/01/92	4	0.019	0.09	0.316	0.006	0.023	0.151	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	10/23/90-05/01/92	4	232.	229.75	246.	209.	235.583	15.349	**	**	**	**
00440 BICARBONATE ION (MG/L AS HCO3)	10/23/90-05/01/92	4	283.5	280.75	301.	255.	364.25	19.085	**	**	**	**
00445 CARBONATE ION (MG/L AS CO3)	10/23/90-05/01/92	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/23/90-05/01/92	4	0.	4.5	18.	0.	81.	9.	**	**	**	**
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/23/90-05/01/92	4 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00613 NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/23/90-10/23/90	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00618 NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/23/90-10/23/90	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/23/90-05/01/92	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/27/91-09/27/91	1	0.063	0.063	0.063	0.063	0.	0.	**	**	**	**
00631 NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/13/91-05/01/92	3	0.033	0.048	0.082	0.029	0.001	0.03	**	**	**	**
00665 PHOSPHORUS, TOTAL (MG/L AS P)	10/23/90-05/01/92	4 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00666 PHOSPHORUS, DISSOLVED (MG/L AS P)	10/23/90-05/01/92	4 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	10/23/90-05/01/92	4	252.6	263.	306.2	240.6	945.067	30.742	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	10/23/90-05/01/92	4	46.	49.75	65.	42.	109.583	10.468	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	10/23/90-05/01/92	4	34.	33.75	35.	32.	2.25	1.5	**	**	**	**

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

Parameter Inventory for Station: CANY0150

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/23/90-05/01/92	4	15.	14.75	15.	14.	0.25	0.5	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/23/90-05/01/92	4	3.95	3.95	4.1	3.8	0.017	0.129	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/23/90-05/01/92	4	14.8	14.85	15.8	14.	0.57	0.755	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	10/23/90-05/01/92	4	52.	52.193	55.	49.772	5.272	2.296	**	**	**	**
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	10/23/90-05/01/92	4 ##	2.5	2.	2.5	0.5	1.	1.	**	**	**	**
61027	ANIONS, SUM, TOTAL IN WATER MG/L	09/27/91-05/01/92	2	198.	198.	203.	193.	50.	7.071	**	**	**	**
61944	CATIONS, SUM, TOTAL IN WATER, MG/L	09/27/91-05/01/92	2	98.	98.	102.	94.	32.	5.657	**	**	**	**
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	10/23/90-05/01/92	4	326.	329.	352.	312.	321.333	17.926	**	**	**	**
80110	SPECIFIC GRAVITY WATER-UNITY AT 4C	10/23/90-10/23/90	1	0.257	0.257	0.257	0.257	0.	0.	**	**	**	**
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/23/90-05/01/92	4 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	10/23/90-05/01/92	4	0.14	0.15	0.18	0.14	0.	0.02	**	**	**	**
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/23/90-05/01/92	4 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/23/90-05/01/92	4 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/23/90-05/01/92	4 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	10/23/90-05/01/92	4 ##	0.019	0.07	0.23	0.01	0.012	0.107	**	**	**	**
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/23/90-05/01/92	4 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/23/90-05/01/92	4	10.35	14.925	32.	7.	133.889	11.571	**	**	**	**
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/23/90-05/01/92	4 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/23/90-05/01/92	4 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/23/90-05/01/92	4 ##	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: CANY0150

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
00400	PH	Fresh Chronic	9.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
		Other-Lo Lim.	6.5	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
00406	PH, FIELD	Fresh Chronic	9.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
		Other-Lo Lim.	6.5	4	1	0.25	1	0	0.00	1	0	0.00	2	1	0.50		
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1	0	0.00				1	0	0.00					
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00				1	0	0.00					
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00				2	0	0.00		
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	3	0	0.00	1	0	0.00				2	0	0.00		
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
		Drinking Water	250.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE	Fresh Acute	20.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
		Drinking Water	50.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	360.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
		Drinking Water	50.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER	Drinking Water	2.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	3.9	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
		Drinking Water	5.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WAT	Drinking Water	100.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	18.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
		Drinking Water	1300.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	82.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
		Drinking Water	15.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	2.4	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
		Drinking Water	2.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	4.1	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
		Drinking Water	100.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	120.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
		Drinking Water	5000.	4	0	0.00	1	0	0.00	1	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: CANY0151

NPS Station ID: CANY0151 LAT/LON: 38.190309/-109.888949

Location: (D-30-19)7C GREEN RIVER ABOVE COLORADO R. CONFL

Station Type: /TYPA/AMBNT/STREAM

RMI-Indexes:

RMI-Miles:

HUC: 14060008

Major Basin: COLORADO RIVER

Minor Basin: GREEN RIVER

RF1 Index: 14060008

RF3 Index: 14070004002901.17

Description:

The station is located on the Spanish Bottom Utah 7.5 minute series (topographic) quadrangle. The site is on the Green River about 200 meters upstream from the confluence with the Colorado River in Canyonlands National Park. Bacteriological samples were held longer than 30 hours. Flow data are available from the USGS record at Green River. Formation: Alluvium. Substrate: Sand. Position: River channel. The data are from the report "Water Resources Descriptions and Data Base Canyonlands National Park Needles District and Adjacent BLM Lands" prepared by Ecosystems Research Institute (October 1984). For information on Canyonlands National Park; contact the Chief of Resources at Canyonlands National Park; 2282 S. West Resource Blvd.; Moab UT 84532 (Tel. 801-259-7164). Data were processed and uploaded to STORET by Lisa Dummer; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Agency: 11NPSWRD

FIPS State/County: 49037 UTAH/SAN JUAN

STORET Station ID(s): CANY_ERI_G1

Within Park Boundary: Yes

Date Created: 08/21/99

Depth of Water: 0

Elevation: 0

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 0.80

Distance from RF3: 0.11

On/Off RF1:

On/Off RF3:

Parameter Inventory for Station: CANY0151													
Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/27/84-04/27/84	1	12.	12.	12.	12.	0.	0.	**	**	**	**	
00094 SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	04/27/84-04/27/84	1	465.	465.	465.	465.	0.	0.	**	**	**	**	
00300 OXYGEN, DISSOLVED MG/L	04/27/84-04/27/84	1	11.2	11.2	11.2	11.2	0.	0.	**	**	**	**	
00406 PH, FIELD, STANDARD UNITS SU	04/27/84-04/27/84	1	7.95	7.95	7.95	7.95	0.	0.	**	**	**	**	
00406 CONVERTED PH, FIELD, STANDARD UNITS	04/27/84-04/27/84	1	7.95	7.95	7.95	7.95	0.	0.	**	**	**	**	
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/27/84-04/27/84	1	0.011	0.011	0.011	0.011	0.	0.	**	**	**	**	
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	04/27/84-04/27/84	1	297.	297.	297.	297.	0.	0.	**	**	**	**	
00515 RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	04/27/84-04/27/84	1	2262.	2262.	2262.	2262.	0.	0.	**	**	**	**	
00600 NITROGEN, TOTAL (MG/L AS N)	04/27/84-04/27/84	1	3.28	3.28	3.28	3.28	0.	0.	**	**	**	**	
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/27/84-04/27/84	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**	
00615 NITRITE NITROGEN, TOTAL (MG/L AS N)	04/27/84-04/27/84	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**	
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	04/27/84-04/27/84	1	0.825	0.825	0.825	0.825	0.	0.	**	**	**	**	
00665 PHOSPHORUS, TOTAL (MG/L AS P)	04/27/84-04/27/84	1	2.243	2.243	2.243	2.243	0.	0.	**	**	**	**	
00680 CARBON, TOTAL ORGANIC (MG/L AS C)	04/27/84-04/27/84	1	21.7	21.7	21.7	21.7	0.	0.	**	**	**	**	
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	04/27/84-04/27/84	1	298.	298.	298.	298.	0.	0.	**	**	**	**	
00941 CHLORIDE, DISSOLVED IN WATER MG/L	04/27/84-04/27/84	1	21.	21.	21.	21.	0.	0.	**	**	**	**	
00946 SULFATE, DISSOLVED (MG/L AS SO4)	04/27/84-04/27/84	1	178.	178.	178.	178.	0.	0.	**	**	**	**	
01516 ALPHA, SUSPEND GROSS, AS URANIUM NATURAL, PC/L	04/27/84-04/27/84	1	91.	91.	91.	91.	0.	0.	**	**	**	**	
03516 BETA, SUSPENDED GROSS, AS CS-137, PC/L	04/27/84-04/27/84	1	44.	44.	44.	44.	0.	0.	**	**	**	**	
31501 COLIFORM,TOT, MEMBRANE FILTER, IMMED.M-ENDO MED,35C	04/27/84-04/27/84	1	50.	50.	50.	50.	0.	0.	**	**	**	**	
31501 LOG COLIFORM,TOT, MEMBRANE FILTER, IMMED.M-ENDO MED,3	04/27/84-04/27/84	1	1.699	1.699	1.699	1.699	0.	0.	**	**	**	**	
31501 GM COLIFORM,TOT, MEMBRANE FILTER, IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			50.									

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

Parameter Inventory for Station: CANY0151

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/27/84-04/27/84	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/27/84-04/27/84	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.								
50786	ORTHOPHOSPHATE AS P, WATER MG/L	04/27/84-04/27/84	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/27/84-04/27/84	1	437.	437.	437.	437.	0.	0.	**	**	**	**
70953	CHLOROPHYLL-A,PHYTOPLANKTON UG/L,CHROMO-FLUORO	04/27/84-04/27/84	1	7.8	7.8	7.8	7.8	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: CANY0151

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	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			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	0	0.00						1	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00						1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00						1	0	0.00			
		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			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	0	0.00						1	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1	0	0.00						1	0	0.00			

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

Station Inventory for Station: CANY0152

NPS Station ID: CANY0152 LAT/LON: 38.190281/-109.889171

Location: GREEN RIVER AT CONFLUENCE WITH COLORADO RIVER

Station Type: /TYPA/AMBNT/STREAM

RMI-Indexes:

RMI-Miles:

HUC: 14060008

Major Basin: COLORADO RIVER

Minor Basin: GREEN RIVER

RF1 Index: 14060008

RF3 Index: 14070004002901.17

Description:

THE STATION IS LOCATED ON THE SPANISH BOTTOM UT 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT THE GREEN RIVER AT ITS CONFLUENCE WITH THE COLORADO RIVER AND IS INSIDE THE CANYONLANDS NATIONAL PARK. THE DATA ARE FROM THE REPORT "ARCHES AND CANYONLANDS NATIONAL PARK AQUATIC STUDY" BY J. CONNOR (NPS) AND W.G. KEPNER (BLM) (1983). THE PURPOSE OF THE STUDY WAS TO MONITOR THE IMPACTS BY VISITORS IN THE BACKCOUNTRY TO WATER SOURCES IN THE PARKS. THE STUDY WAS A JOINT EFFORT BETWEEN THE NATIONAL PARK SERVICE AND THE BUREAU OF LAND MANAGEMENT. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT CANYONLANDS NATIONAL PARK; 2282 WEST RESOURCE BLVD.; MOAB UT 84532 (TEL. 801-259-7164). DATA WERE PROCESSED AND UPLOADED TO STORET BY LISA DUMMER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DR. SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Agency: 11NPSWRD

FIPS State/County: 49037 UTAH/SAN JUAN

STORET Station ID(s): CANY_BLM_GRCN

Within Park Boundary: Yes

Date Created: 08/07/99

Depth of Water: 0

Elevation: 3920

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 0.80

Distance from RF3: 0.11

On/Off RF1:

On/Off RF3:

Parameter Inventory for Station: CANY0152

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/01/83-09/01/83	1	24.8	24.8	24.8	24.8	0.	0.	**	**	**	**
00094 SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	09/01/83-09/01/83	1	833.	833.	833.	833.	0.	0.	**	**	**	**
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/01/83-09/01/83	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00406 PH, FIELD, STANDARD UNITS SU	09/01/83-09/01/83	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS	09/01/83-09/01/83	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/01/83-09/01/83	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	09/01/83-09/01/83	1	140.	140.	140.	140.	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	09/01/83-09/01/83	1	350.	350.	350.	350.	0.	0.	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	09/01/83-09/01/83	1	294.	294.	294.	294.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0152

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00	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

EPA Water Quality Criteria Analysis for Station: CANY0152

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
							Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	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: CANY0153

NPS Station ID: CANY0153
 Location: GREEN R AB CNFL / COLORADO R
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 14060008
 Major Basin:
 Minor Basin:
 RF1 Index:
 RF3 Index: 14030005040400.00

LAT/LON: 38.190167/-109.889167

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 0.98

Agency: 21UTAH
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): 493001
 Within Park Boundary: Yes

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.64

On/Off RF1:
 On/Off RF3:

Description:
 WATER QUALITY STATION IS LOCATED IN CANYONLANDS NP. THIS PARK IS MANAGED BY THE NATIONAL PARK SERVICE'S SOUTHEAST UTAH GROUP.
 WATER SAMPLES COLLECTED BY CANYONLANDS NATIONAL PARK NATURAL RESOURCE MANAGEMENT STAFF (125 W. 200 S.; MOAB UT 84532; TELEPHONE:
 435-259-3911); ANALYZED BY THE UTAH DEPARTMENT OF HEALTH LABORATORY; AND UPLOADED INTO STORET BY THE UTAH DEPARTMENT OF
 ENVIRONMENTAL QUALITY - DIVISION OF WATER QUALITY.

Parameter Inventory for Station: CANY0153

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/21/83-08/04/99	55	19.2	17.549	29.2	0.	65.506	8.094	5.62	12.	25.2	26.182
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/29/93-08/04/99	22	33.	30.259	40.	7.2	66.176	8.135	16.32	26.95	35.	38.7
00061 FLOW, STREAM, INSTANTANEOUS CFS	08/01/84-06/16/99	13	7000.	8280.769	18600.	2100.	31024807.692	5569.992	2140.	3500.	13550.	17960.
00076p TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/04/83-08/04/99	63	165.	255.935	1050.	13.	56820.156	238.37	28.62	92.	425.	510.
00078 TRANSPARENCY, SECCHI DISC (METERS)	07/10/85-07/10/85	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00094p SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/21/83-08/04/99	54	747.5	723.426	1042.	348.	40530.174	201.321	411.5	578.75	900.	962.
00095p SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/04/83-08/04/99	63	766.	716.841	1100.	363.	44350.071	210.595	389.6	550.	870.	1003.
00191p HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	01/11/84-08/04/99	56	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00300p OXYGEN, DISSOLVED MG/L	08/01/84-05/29/99	44	7.6	8.011	14.2	1.4	5.14	2.267	5.5	6.8	9.15	10.835
00335 COD, .025N K2CR2O7 MG/L	07/21/83-07/10/90	27 ##	7.	11.556	25.	5.	41.564	6.447	5.	5.	18.	20.
00400p PH (STANDARD UNITS)	07/08/86-08/04/99	46	8.14	8.068	8.55	5.92	0.177	0.421	7.7	8.	8.3	8.424
00400p CONVERTED PH (STANDARD UNITS)	07/08/86-08/04/99	46	8.14	7.448	8.55	5.92	0.57	0.755	7.7	8.	8.3	8.424
00400p MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/08/86-08/04/99	46	0.007	0.036	1.202	0.003	0.031	0.176	0.004	0.005	0.01	0.02
00405p CARBON DIOXIDE (MG/L AS CO2)	05/04/83-08/04/99	63	2.	2.46	11.	1.	4.285	2.07	1.	1.	3.	5.6
00406p PH, FIELD, STANDARD UNITS SU	08/01/84-08/04/99	49	8.	7.921	8.9	6.9	0.298	0.546	7.	7.6	8.2	8.8
00406p CONVERTED PH, FIELD, STANDARD UNITS	08/01/84-08/04/99	49	8.	7.587	8.9	6.9	0.412	0.642	7.	7.6	8.2	8.8
00406p MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/01/84-08/04/99	49	0.01	0.026	0.126	0.001	0.001	0.035	0.002	0.006	0.025	0.1
00410p ALKALINITY, TOTAL (MG/L AS CaCO3)	05/04/83-08/04/99	63	151.	145.73	206.	2.	1318.329	36.309	95.	124.	171.	188.
00440p BICARBONATE ION (MG/L AS HCO3)	05/04/83-08/04/99	63	184.	177.46	248.	2.	1937.51	44.017	116.	151.	209.	230.
00445p CARBONATE ION (MG/L AS CO3)	01/11/84-08/04/99	57	0.	0.211	4.	0.	0.705	0.84	0.	0.	0.	0.
00530p RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/21/83-08/04/99	58	531.	760.947	3036.	37.	568804.866	754.192	89.54	250.5	1005.5	2042.8
00610p NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/04/83-05/29/99	61 ##	0.05	0.063	0.684	0.025	0.008	0.089	0.025	0.025	0.064	0.1
00615 NITRITE NITROGEN, TOTAL (MG/L AS N)	05/04/83-07/10/90	23 ##	0.005	0.012	0.14	0.005	0.001	0.028	0.005	0.005	0.005	0.016
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	05/04/83-07/10/90	23	0.39	3.057	63.	0.005	170.794	13.069	0.005	0.13	0.49	0.686
00625p NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/04/83-05/09/97	50	0.5	0.692	3.3	0.05	0.333	0.577	0.155	0.323	0.845	1.328
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/04/83-08/04/99	8	0.28	0.254	0.54	0.01	0.032	0.178	**	**	**	**
00631 NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/17/91-06/16/99	32	0.16	0.2	0.655	0.01	0.034	0.185	0.01	0.033	0.307	0.559
00665p PHOSPHORUS, TOTAL (MG/L AS P)	05/04/83-08/04/99	59	0.3	0.432	3.02	0.03	0.257	0.507	0.056	0.13	0.51	0.79
00666 PHOSPHORUS, DISSOLVED (MG/L AS P)	04/17/91-06/16/99	29 ##	0.005	0.016	0.073	0.005	0.	0.018	0.005	0.005	0.021	0.051

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

Parameter Inventory for Station: CANY0153

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/04/83-07/10/90	28	5.3	9.896	51.2	2.9	154.896	12.446	3.2	3.45	10.25	23.93
00900p	HARDNESS, TOTAL (MG/L AS CaCO3)	05/04/83-08/04/99	63	264.	250.738	394.	116.	5052.909	71.084	138.82	188.	316.	328.
00915p	CALCIUM, DISSOLVED (MG/L AS Ca)	05/04/83-08/04/99	63	61.	57.894	89.2	24.	238.991	15.459	34.08	45.	70.	75.6
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/04/83-08/04/99	63	26.	25.878	45.	12.	71.687	8.467	13.52	19.	32.	36.6
00930p	SODIUM, DISSOLVED (MG/L AS Na)	05/04/83-08/04/99	63	66.4	61.751	128.	22.	600.131	24.498	28.	41.2	76.	94.
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	05/04/83-08/04/99	63	3.	2.88	5.02	1.5	0.562	0.75	1.888	2.3	3.3	4.
00941p	CHLORIDE, DISSOLVED IN WATER MG/L	05/04/83-08/04/99	63	21.	21.865	130.	1.2	321.271	17.924	8.	12.4	26.	30.96
00946p	SULFATE, DISSOLVED (MG/L AS SO4)	05/04/83-08/04/99	63	213.	198.927	352.	70.27	5779.601	76.024	85.26	135.44	259.	289.996
00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/04/83-05/04/83	1	0.19	0.19	0.19	0.19	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SiO2)	05/04/83-05/04/83	1	9.	9.	9.	9.	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/08/92-08/04/99	29 ###	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
01005	BARIUM, DISSOLVED (UG/L AS Ba)	10/08/92-08/04/99	29	72.4	74.152	140.	26.	732.21	27.059	42.	52.	87.5	120.
01020	BORON, DISSOLVED (UG/L AS B)	05/04/83-05/04/83	1	94.	94.	94.	94.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS Cd)	10/08/92-08/04/99	29 ###	0.5	0.534	1.5	0.5	0.034	0.186	0.5	0.5	0.5	0.5
01030	CHROMIUM, DISSOLVED (UG/L AS Cr)	10/08/92-08/04/99	29 ###	2.5	3.441	17.	2.5	8.839	2.973	2.5	2.5	2.5	6.3
01032	CHROMIUM, HEXAVALENT (UG/L AS Cr)	05/04/83-05/04/83	1 ###	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS Cu)	10/08/92-08/04/99	29 ###	6.	7.772	19.4	6.	11.802	3.435	6.	6.	10.	15.
01046	IRON, DISSOLVED (UG/L AS Fe)	10/08/92-08/04/99	29 ###	15.	74.048	505.	10.	15845.214	125.878	10.	10.	74.05	290.
01049	LEAD, DISSOLVED (UG/L AS Pb)	10/08/92-08/04/99	29 ###	1.5	1.693	3.8	1.5	0.311	0.557	1.5	1.5	1.5	2.5
01056	MANGANESE, DISSOLVED (UG/L AS Mn)	10/08/92-08/04/99	29 ###	2.5	5.648	27.	2.5	30.445	5.518	2.5	2.5	6.15	12.5
01075	SILVER, DISSOLVED (UG/L AS Ag)	10/08/92-08/04/99	29 ###	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
01090	ZINC, DISSOLVED (UG/L AS Zn)	10/08/92-08/04/99	29 ###	15.	15.586	37.	10.	17.823	4.222	15.	15.	15.	15.
01106	ALUMINUM, DISSOLVED (UG/L AS Al)	10/21/94-08/04/99	23	48.	130.652	700.	15.	29029.51	170.38	15.	15.	240.	358.
01145	SELENIUM, DISSOLVED (UG/L AS Se)	10/08/92-08/04/99	29	1.	1.376	8.	0.5	2.208	1.486	0.5	0.5	1.4	2.5
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	05/04/83-05/15/93	32 ###	0.25	0.57	2.5	0.25	0.477	0.69	0.25	0.25	0.5	2.2
01501	ALPHA, TOTAL	01/11/84-07/10/90	23	10.	10.652	21.	3.	26.055	5.104	4.4	7.	16.	19.4
03501	BETA, TOTAL	01/11/84-07/10/90	23	18.	21.717	46.	2.5	228.519	15.117	5.	10.	35.	45.2
09501	RADIUM 226, TOTAL	01/11/84-11/08/89	16 ###	0.25	0.369	1.	0.05	0.077	0.277	0.085	0.25	0.5	1.
38442	DICAMBA (BANVEL) WATER,DISSUG/L	07/10/90-07/10/90	1 ###	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	07/10/90-07/10/90	1 ###	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
61027	ANIONS, SUM, TOTAL IN WATER MG/L	07/18/91-08/04/99	34	298.	284.147	482.	134.	10158.675	100.79	140.5	203.25	372.5	420.
61944	CATIONS, SUM, TOTAL IN WATER, MG/L	07/18/91-08/04/99	34	139.5	138.559	253.	69.	2291.163	47.866	72.	100.	173.5	200.
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/04/83-08/04/99	59	496.	476.932	756.	234.	23096.582	151.976	244.	350.	602.	668.
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/04/83-07/10/90	24	0.19	0.18	0.5	0.003	0.022	0.15	0.006	0.028	0.28	0.385
71890	MERCURY, DISSOLVED (UG/L AS Hg)	10/08/92-08/04/99	29 ###	0.1	0.104	0.209	0.1	0.	0.02	0.1	0.1	0.1	0.1
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/04/83-05/15/93	32	2.5	2.591	7.	1.	1.261	1.123	1.03	2.	3.	3.5
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	05/04/83-05/15/93	32	0.096	0.099	0.24	0.025	0.003	0.052	0.025	0.07	0.128	0.174
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/04/83-05/15/93	32 ###	0.5	0.594	2.	0.5	0.088	0.296	0.5	0.5	0.5	1.
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/04/83-05/15/93	32 ###	2.5	6.109	50.	2.5	77.947	8.829	2.5	2.5	6.	10.
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/04/83-05/15/93	32 ###	10.	11.031	35.	5.	44.676	6.684	5.	10.	10.	20.6
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	05/04/83-05/15/93	32	2.475	4.062	18.49	0.015	17.865	4.227	0.28	0.898	6.663	9.162
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/04/83-05/15/93	32 ###	2.5	4.781	15.	1.5	10.709	3.272	2.5	2.5	8.	9.4
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/04/83-05/15/93	32	172.5	250.219	1025.	5.	57450.047	239.687	25.7	65.5	382.5	626.
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/04/83-05/15/93	32 ###	0.1	0.217	1.5	0.05	0.114	0.338	0.05	0.05	0.1	0.8
82715	NICKEL, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/04/83-07/21/83	2	14.5	14.5	19.	10.	40.5	6.364	**	**	**	**
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/04/83-05/15/93	32 ###	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/04/83-05/15/93	32	29.	35.313	140.	5.	838.867	28.963	6.5	20.	40.75	81.7

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

EPA Water Quality Criteria Analysis for Station: CANY0153

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----				-----10/15-3/31-----				-----4/01-5/31-----				-----6/01-7/14-----			
						Obs	Exceed	Prop.		Obs	Exceed	Prop.		Obs	Exceed	Prop.		Obs	Exceed	Prop.	
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	63	53	0.84	24	22	0.92	10	5	0.50	17	16	0.94	12	10	0.83			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	44	2	0.05	16	0	0.00	9	0	0.00	12	2	0.17	7	0	0.00			
00400	PH	Fresh Chronic	9.	46	0	0.00	18	0	0.00	4	0	0.00	13	0	0.00	11	0	0.00			
		Other-Lo Lim.	6.5	46	1	0.02	18	1	0.06	4	0	0.00	13	0	0.00	11	0	0.00			
00406	PH, FIELD	Fresh Chronic	9.	49	0	0.00	18	0	0.00	9	0	0.00	12	0	0.00	10	0	0.00			
		Other-Lo Lim.	6.5	49	0	0.00	18	0	0.00	9	0	0.00	12	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

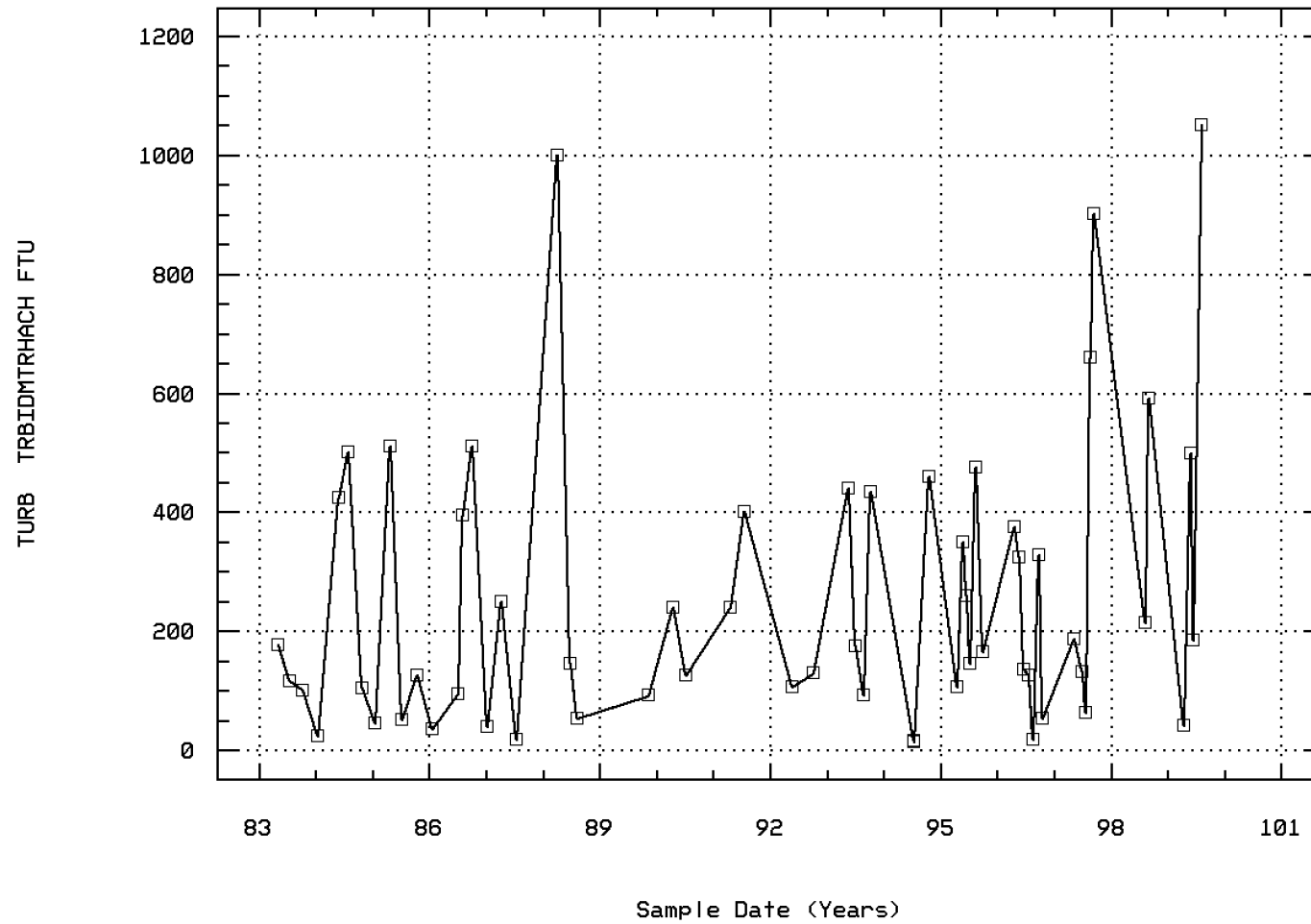
EPA Water Quality Criteria Analysis for Station: CANY0153

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00615	NITRITE NITROGEN, TOTAL AS N	1.	23	0	0.00	6	0	0.00	6	0	0.00	6	0	0.00	5	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	10.	23	1	0.04	6	1	0.17	6	0	0.00	6	0	0.00	5	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	10.	8	0	0.00	5	0	0.00	2	0	0.00	1	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	10.	32	0	0.00	13	0	0.00	2	0	0.00	10	0	0.00	7	0	0.00
00941	CHLORIDE, DISSOLVED IN WATER	860.	63	0	0.00	24	0	0.00	10	0	0.00	17	0	0.00	12	0	0.00
		250.	63	0	0.00	24	0	0.00	10	0	0.00	17	0	0.00	12	0	0.00
00946	SULFATE, DISSOLVED (AS SO4)	250.	63	20	0.32	24	8	0.33	10	7	0.70	17	4	0.24	12	1	0.08
00950	FLUORIDE, DISSOLVED AS F	4.	1	0	0.00							1	0	0.00			
01000	ARSENIC, DISSOLVED	360.	29	0	0.00	14	0	0.00	1	0	0.00	7	0	0.00	7	0	0.00
		50.	29	0	0.00	14	0	0.00	1	0	0.00	7	0	0.00	7	0	0.00
01005	BARIUM, DISSOLVED	2000.	29	0	0.00	14	0	0.00	1	0	0.00	7	0	0.00	7	0	0.00
01025	CADMIUM, DISSOLVED	3.9	29	0	0.00	14	0	0.00	1	0	0.00	7	0	0.00	7	0	0.00
		5.	29	0	0.00	14	0	0.00	1	0	0.00	7	0	0.00	7	0	0.00
01030	CHROMIUM, DISSOLVED	100.	29	0	0.00	14	0	0.00	1	0	0.00	7	0	0.00	7	0	0.00
01032	CHROMIUM, HEXAVALENT	16.	1	0	0.00							1	0	0.00			
		100.	1	0	0.00							1	0	0.00			
01040	COPPER, DISSOLVED	18.	29	1	0.03	14	0	0.00	1	0	0.00	7	1	0.14	7	0	0.00
		1300.	29	0	0.00	14	0	0.00	1	0	0.00	7	0	0.00	7	0	0.00
01049	LEAD, DISSOLVED	82.	29	0	0.00	14	0	0.00	1	0	0.00	7	0	0.00	7	0	0.00
		15.	29	0	0.00	14	0	0.00	1	0	0.00	7	0	0.00	7	0	0.00
01075	SILVER, DISSOLVED	4.1	29	0	0.00	14	0	0.00	1	0	0.00	7	0	0.00	7	0	0.00
		100.	29	0	0.00	14	0	0.00	1	0	0.00	7	0	0.00	7	0	0.00
01090	ZINC, DISSOLVED	120.	29	0	0.00	14	0	0.00	1	0	0.00	7	0	0.00	7	0	0.00
		5000.	29	0	0.00	14	0	0.00	1	0	0.00	7	0	0.00	7	0	0.00
01145	SELENIUM, DISSOLVED	20.	29	0	0.00	14	0	0.00	1	0	0.00	7	0	0.00	7	0	0.00
		50.	29	0	0.00	14	0	0.00	1	0	0.00	7	0	0.00	7	0	0.00
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE	20.	32	0	0.00	9	0	0.00	8	0	0.00	10	0	0.00	5	0	0.00
		50.	32	0	0.00	9	0	0.00	8	0	0.00	10	0	0.00	5	0	0.00
09501	RADIUM 226, TOTAL	5.	16	0	0.00	3	0	0.00	5	0	0.00	3	0	0.00	5	0	0.00
39730	2,4-D IN WHOLE WATER SAMPLE	70.	1	0	0.00										1	0	0.00
71890	MERCURY, DISSOLVED	2.4	29	0	0.00	14	0	0.00	1	0	0.00	7	0	0.00	7	0	0.00
		2.	29	0	0.00	14	0	0.00	1	0	0.00	7	0	0.00	7	0	0.00
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATE	360.	32	0	0.00	9	0	0.00	8	0	0.00	10	0	0.00	5	0	0.00
		50.	32	0	0.00	9	0	0.00	8	0	0.00	10	0	0.00	5	0	0.00
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER	2.	32	0	0.00	9	0	0.00	8	0	0.00	10	0	0.00	5	0	0.00
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATE	3.9	32	0	0.00	9	0	0.00	8	0	0.00	10	0	0.00	5	0	0.00
		5.	32	0	0.00	9	0	0.00	8	0	0.00	10	0	0.00	5	0	0.00
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WAT	100.	32	0	0.00	9	0	0.00	8	0	0.00	10	0	0.00	5	0	0.00
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER	18.	32	3	0.09	9	2	0.22	8	0	0.00	10	1	0.10	5	0	0.00
		1300.	32	0	0.00	9	0	0.00	8	0	0.00	10	0	0.00	5	0	0.00
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER	82.	32	0	0.00	9	0	0.00	8	0	0.00	10	0	0.00	5	0	0.00
		15.	32	1	0.03	9	1	0.11	8	0	0.00	10	0	0.00	5	0	0.00
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATE	2.4	32	0	0.00	9	0	0.00	8	0	0.00	10	0	0.00	5	0	0.00
		2.	32	0	0.00	9	0	0.00	8	0	0.00	10	0	0.00	5	0	0.00
82715	NICKEL, FIELD ACIDIFIED, DECANTED, WATER	1400.	2	0	0.00	1	0	0.00				1	0	0.00			
		100.	2	0	0.00	1	0	0.00				1	0	0.00			
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER	4.1	32	0	0.00	9	0	0.00	8	0	0.00	10	0	0.00	5	0	0.00
		100.	32	0	0.00	9	0	0.00	8	0	0.00	10	0	0.00	5	0	0.00
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER	120.	32	1	0.03	9	0	0.00	8	0	0.00	10	1	0.10	5	0	0.00
		5000.	32	0	0.00	9	0	0.00	8	0	0.00	10	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

Station: CANY0153 Parameter Code: 00076

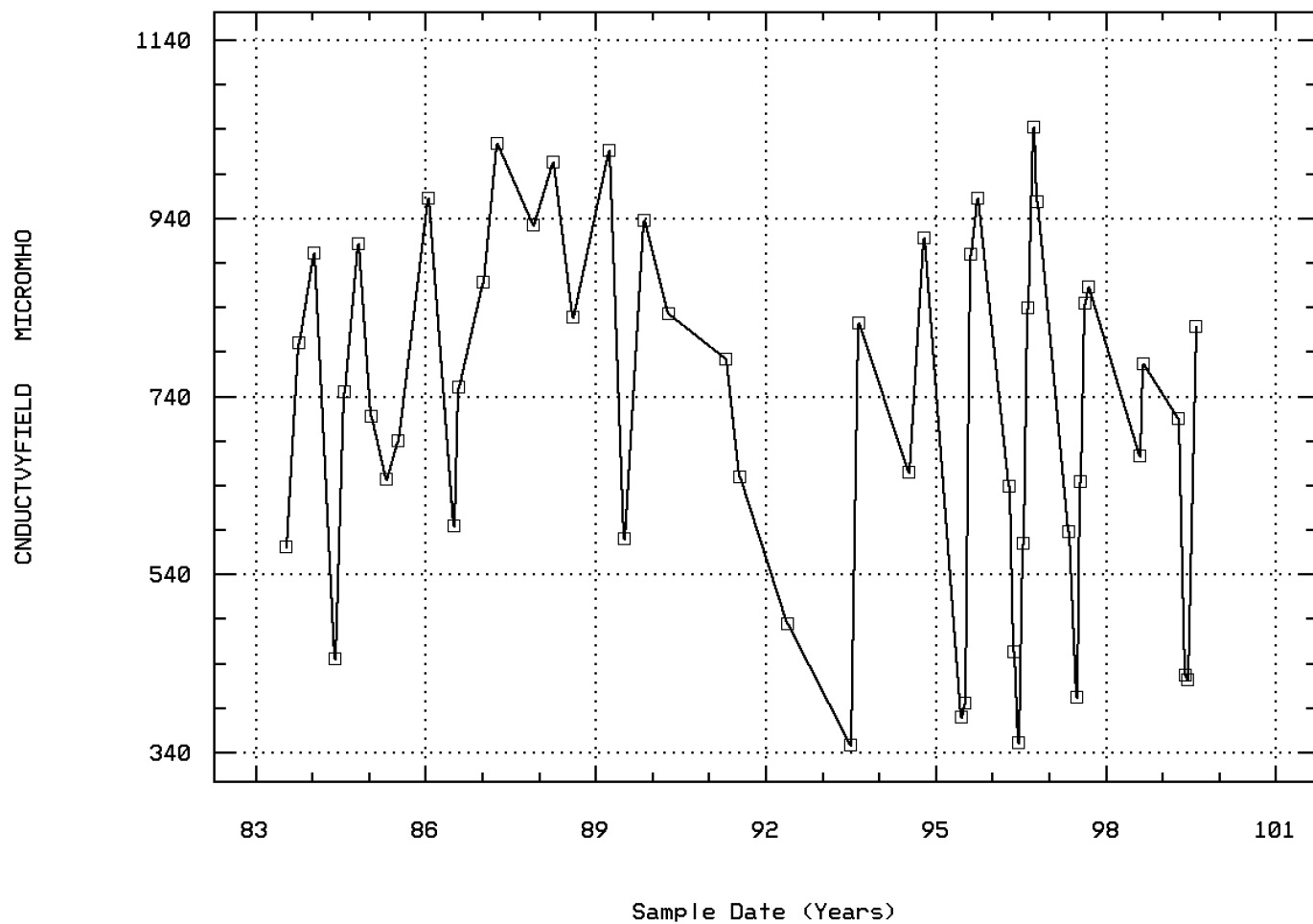
TURBIDITY,HACH TURBIDIMETER (FORMAZIN T



GREEN R AB CNFL / COLORADO R

Station: CANY0153 Parameter Code: 00094

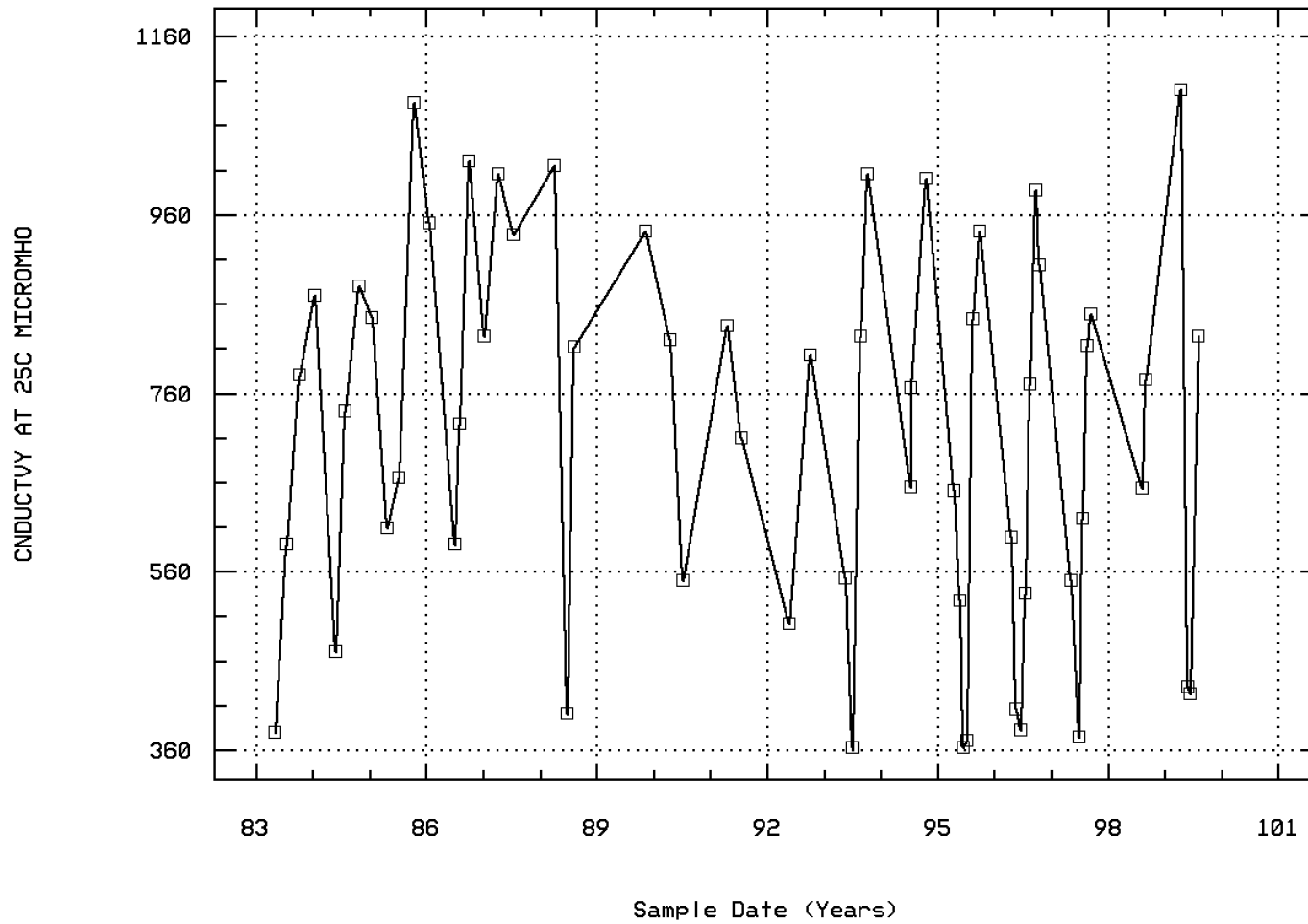
SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @



GREEN R AB CNFL / COLORADO R

Station: CANY0153 Parameter Code: 00095

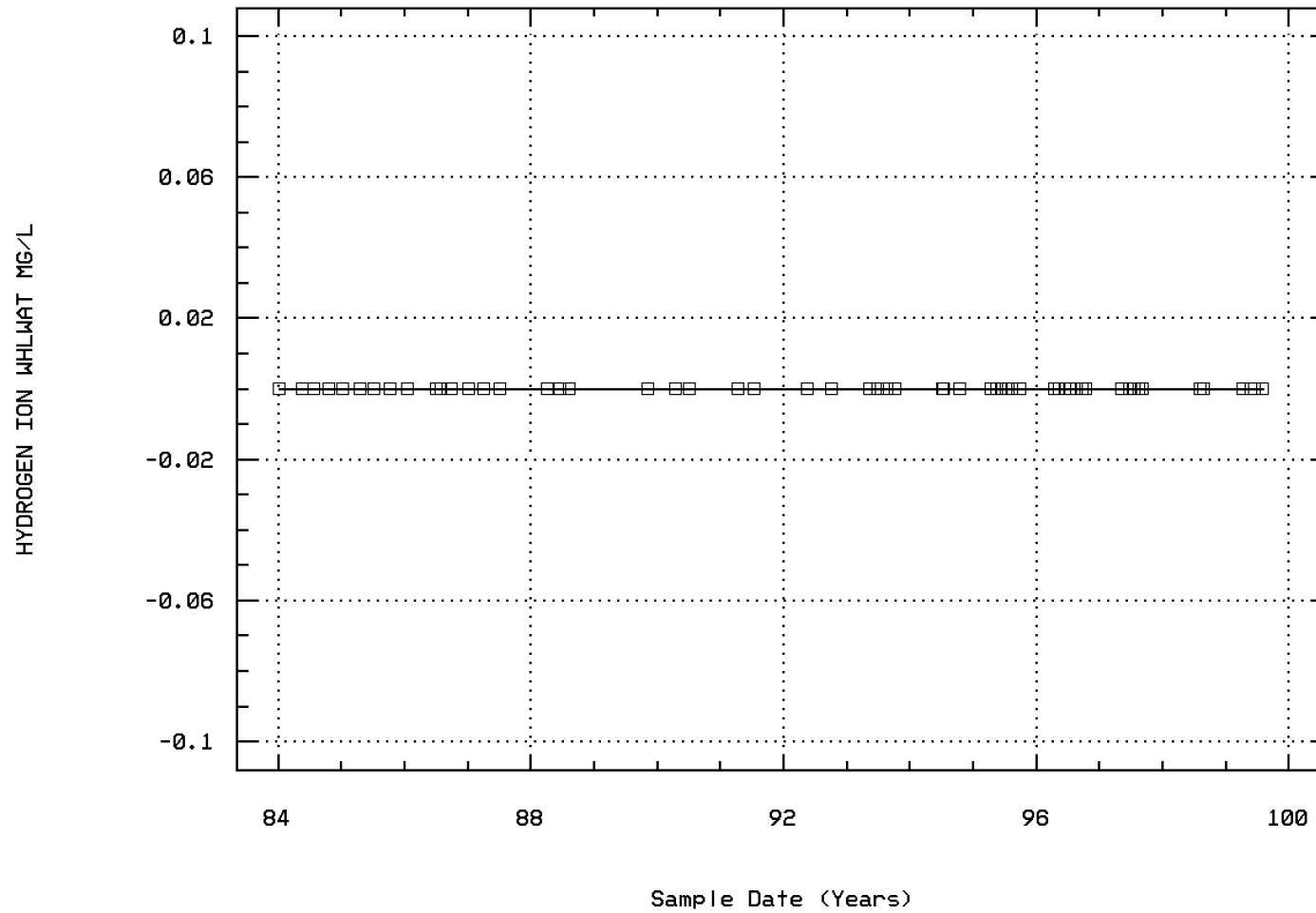
SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)



GREEN R AB CNFL / COLORADO R

Station: CANY0153 Parameter Code: 00191

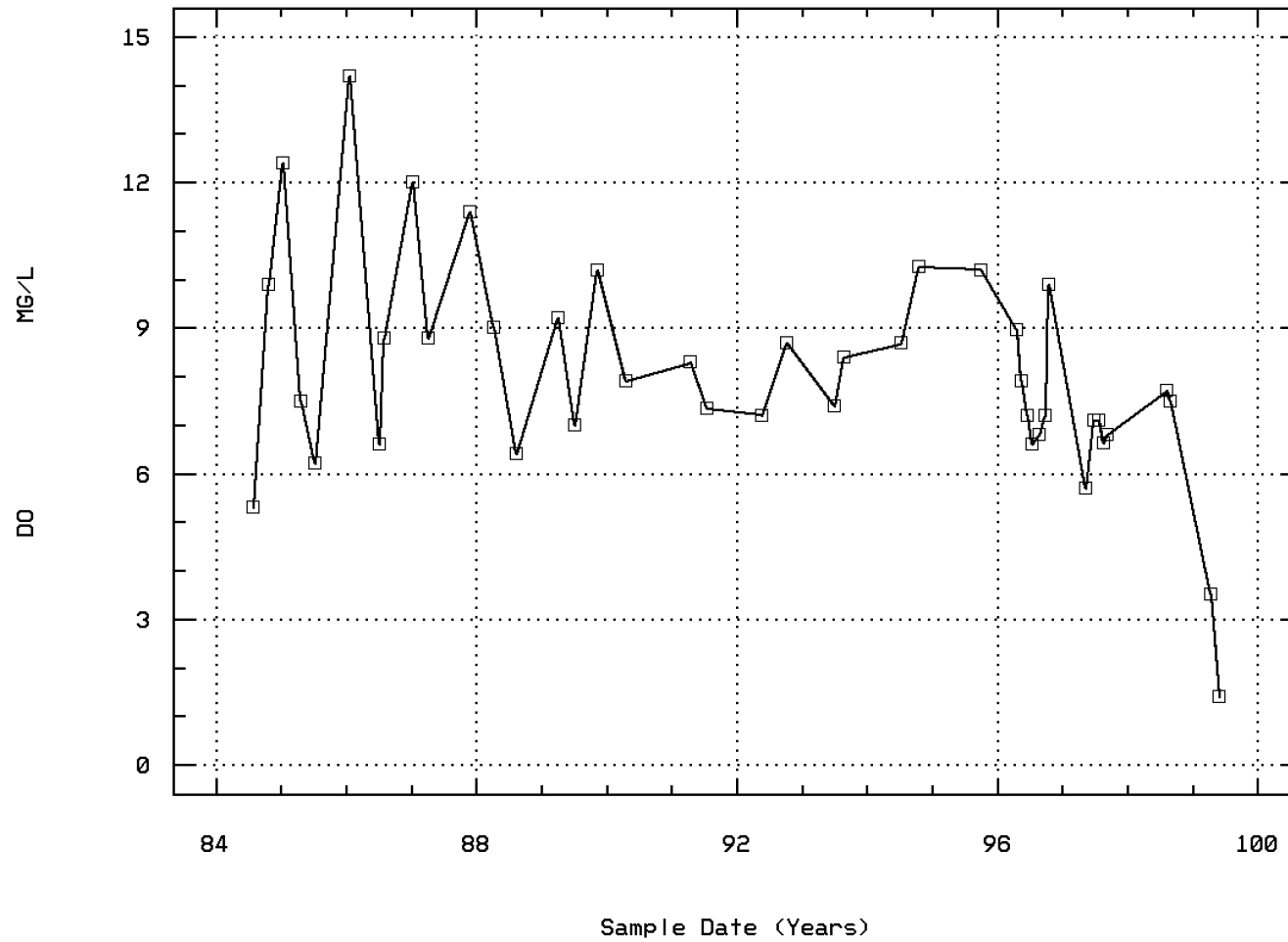
HYDROGEN ION CONCENTRATION IN WHOLE WAT



GREEN R AB CNFL / COLORADO R

Station: CANY0153 Parameter Code: 00300

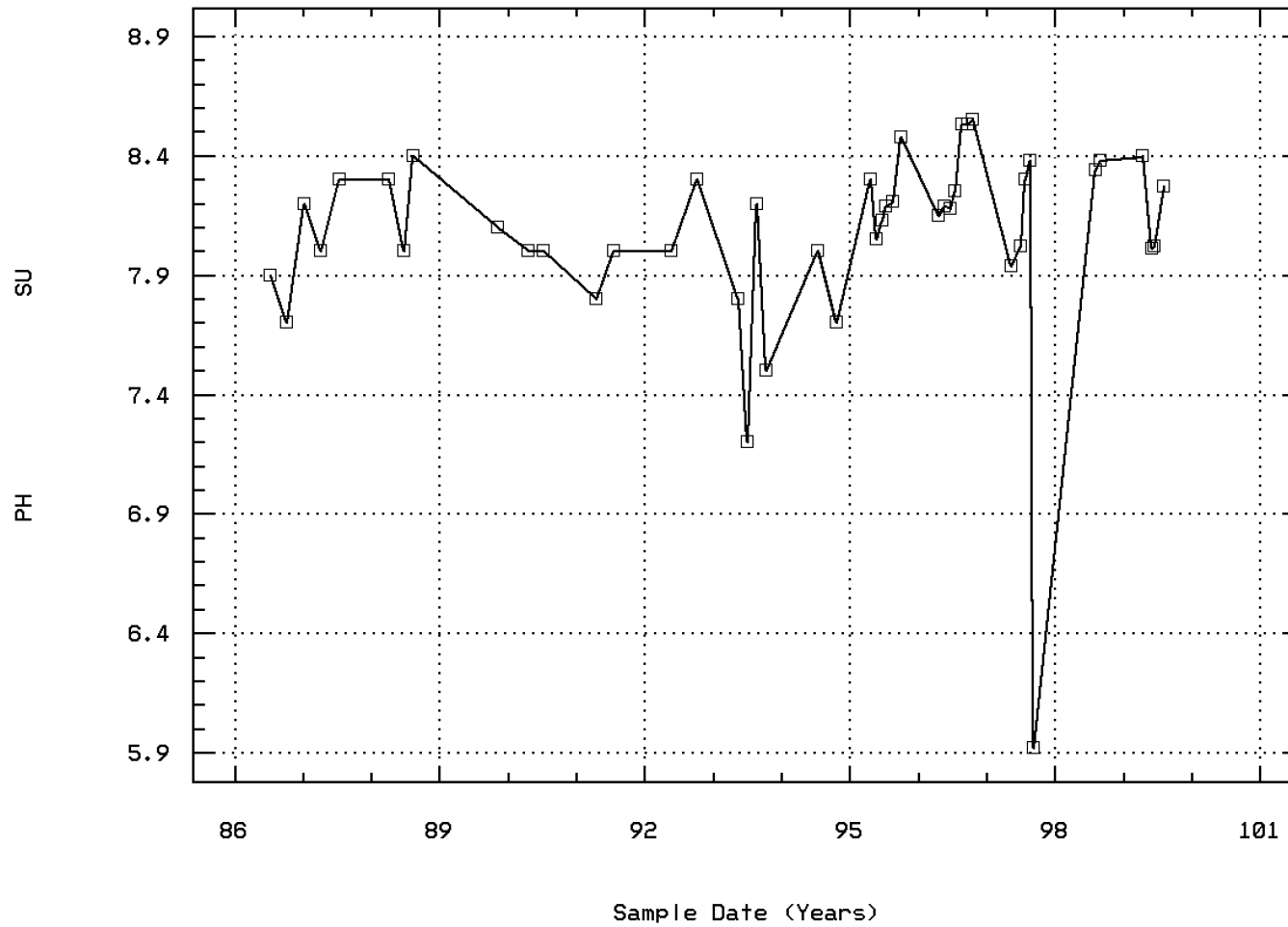
OXYGEN, DISSOLVED



GREEN R AB CNFL / COLORADO R

Station: CANY0153 Parameter Code: 00400

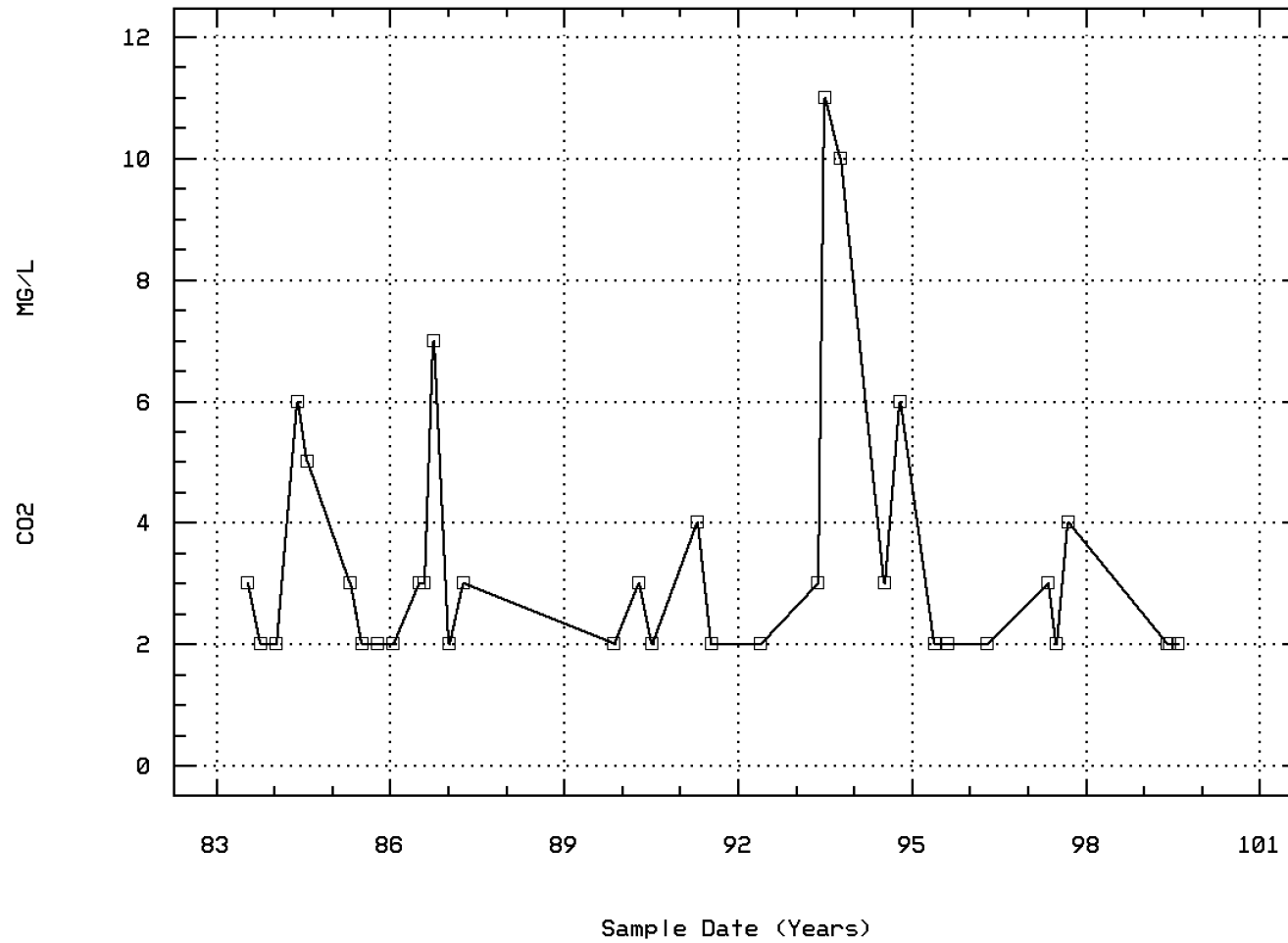
PH (STANDARD UNITS)



GREEN R AB CNFL / COLORADO R

Station: CANY0153 Parameter Code: 00405

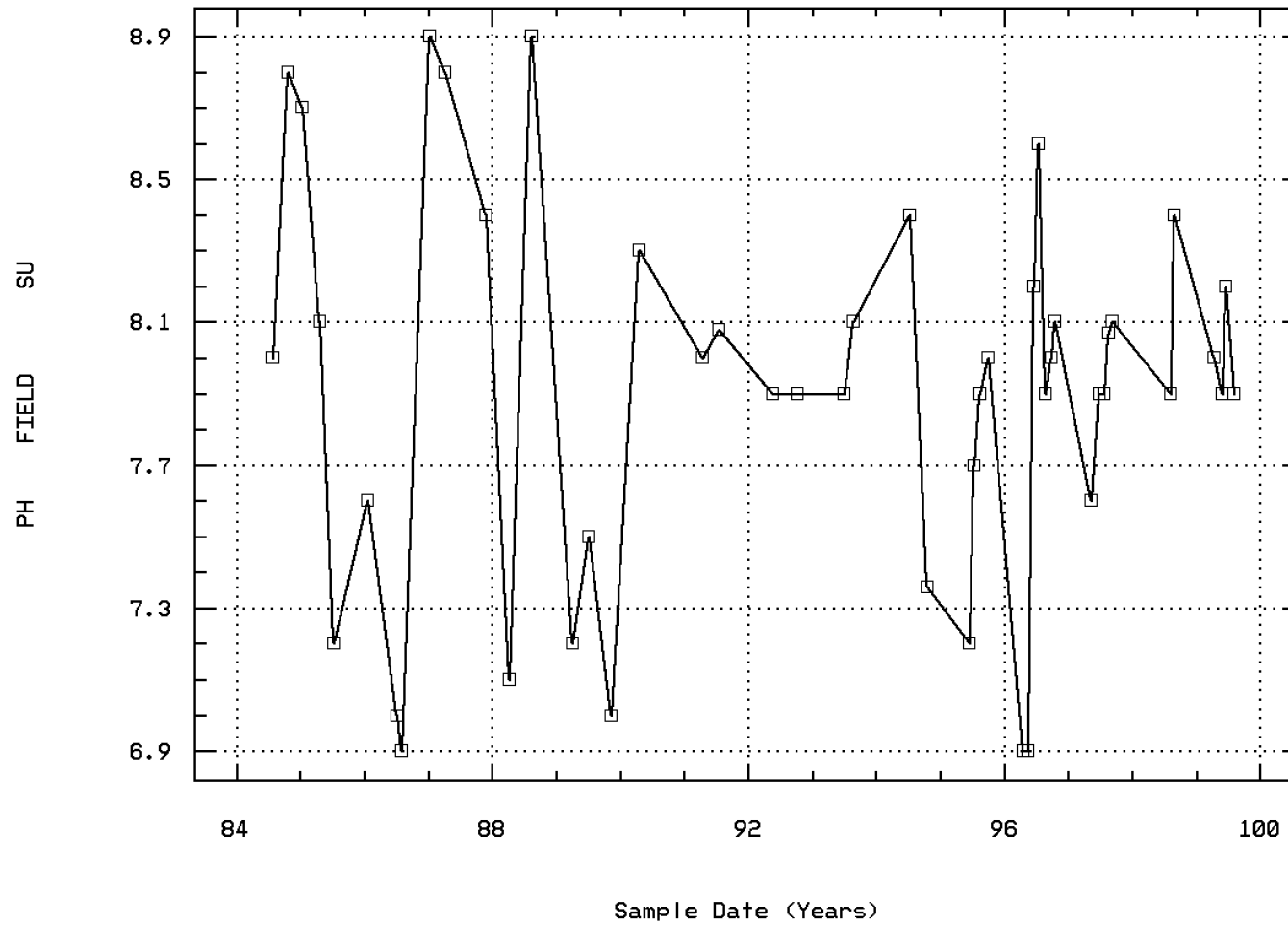
CARBON DIOXIDE (MG/L AS CO2)



GREEN R AB CNFL / COLORADO R

Station: CANY0153 Parameter Code: 00406

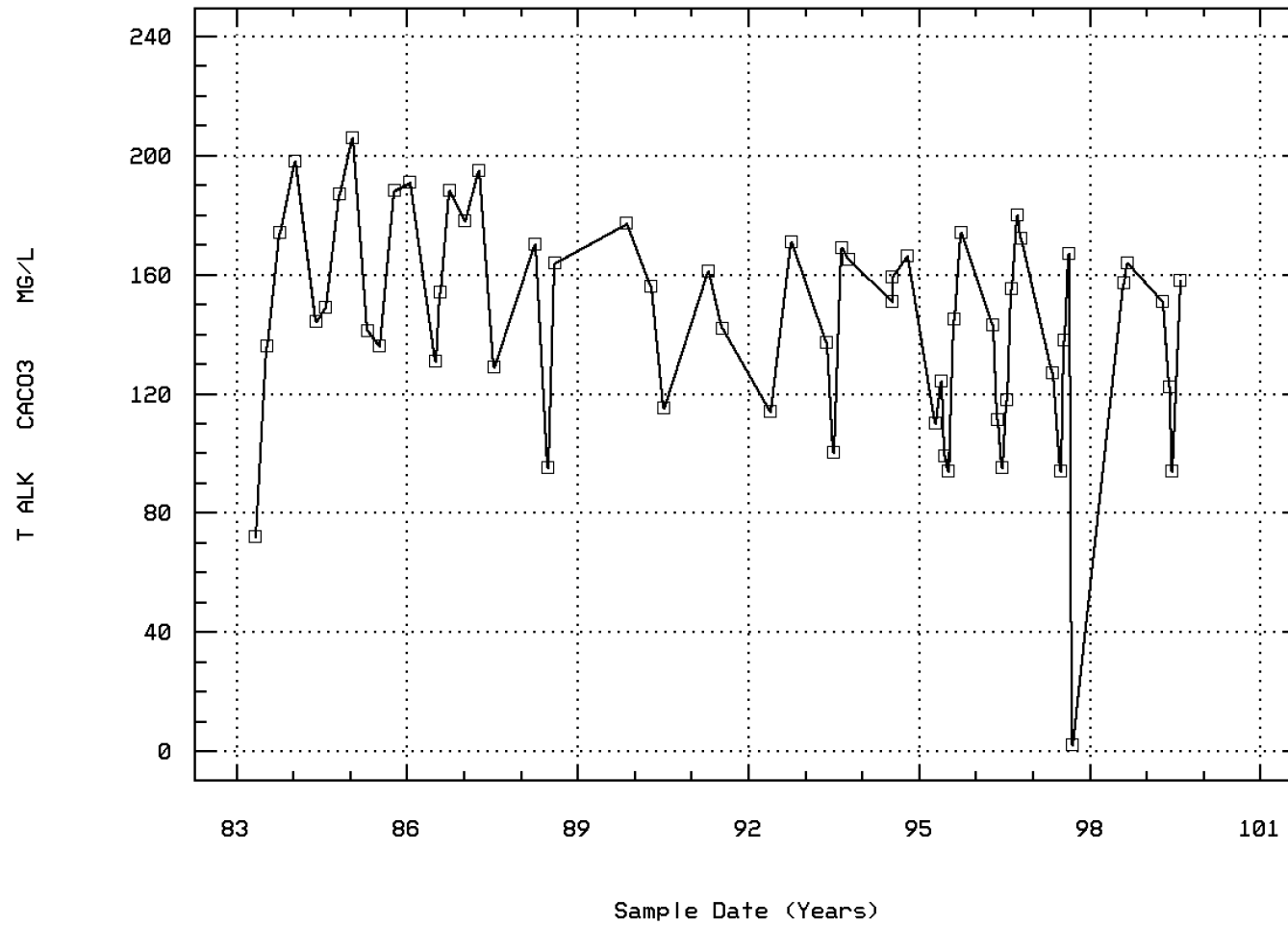
PH, FIELD, STANDARD UNITS



GREEN R AB CNFL / COLORADO R

Station: CANY0153 Parameter Code: 00410

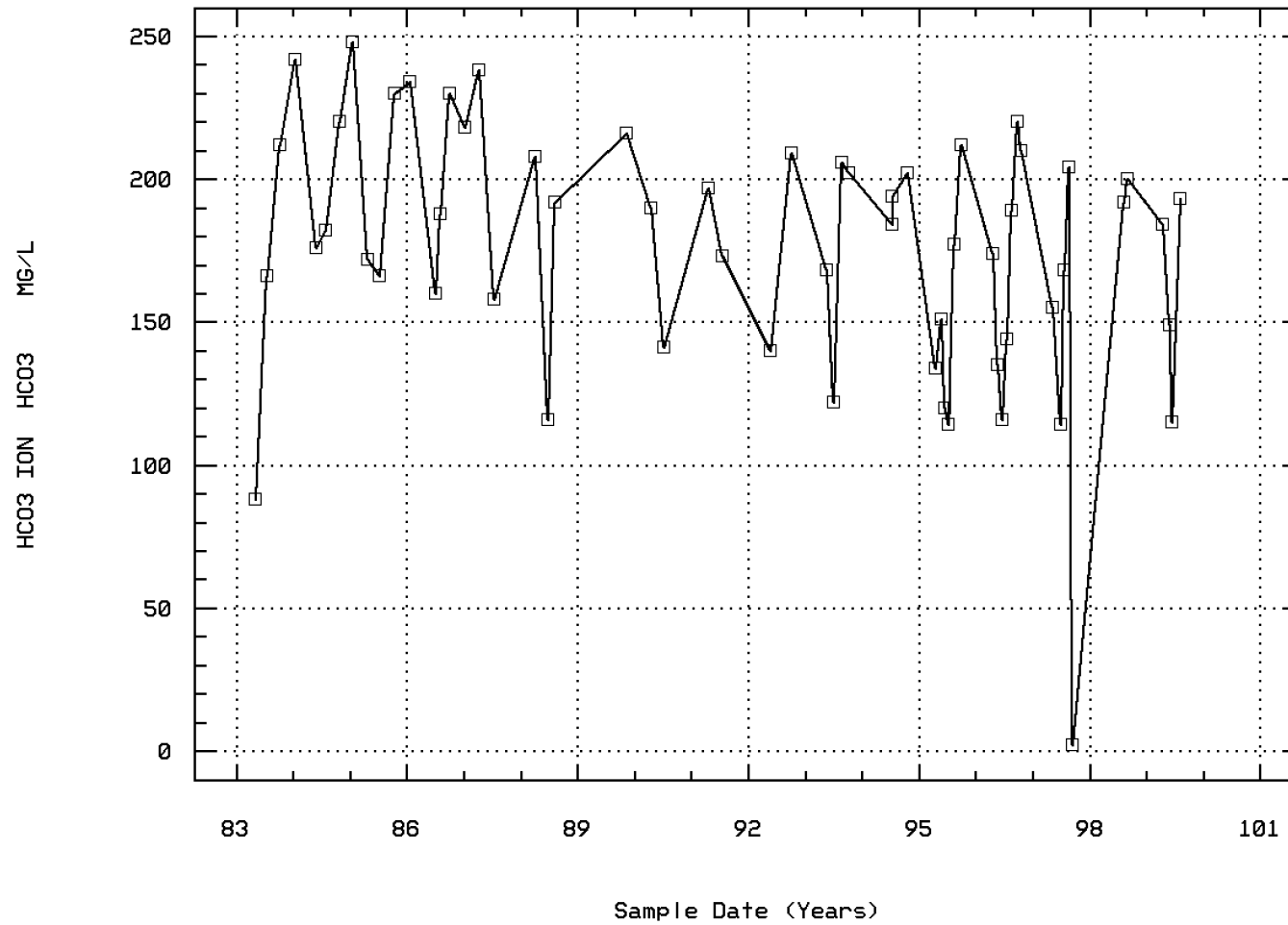
ALKALINITY, TOTAL (MG/L AS CaCO3)



GREEN R AB CNFL / COLORADO R

Station: CANY0153 Parameter Code: 00440

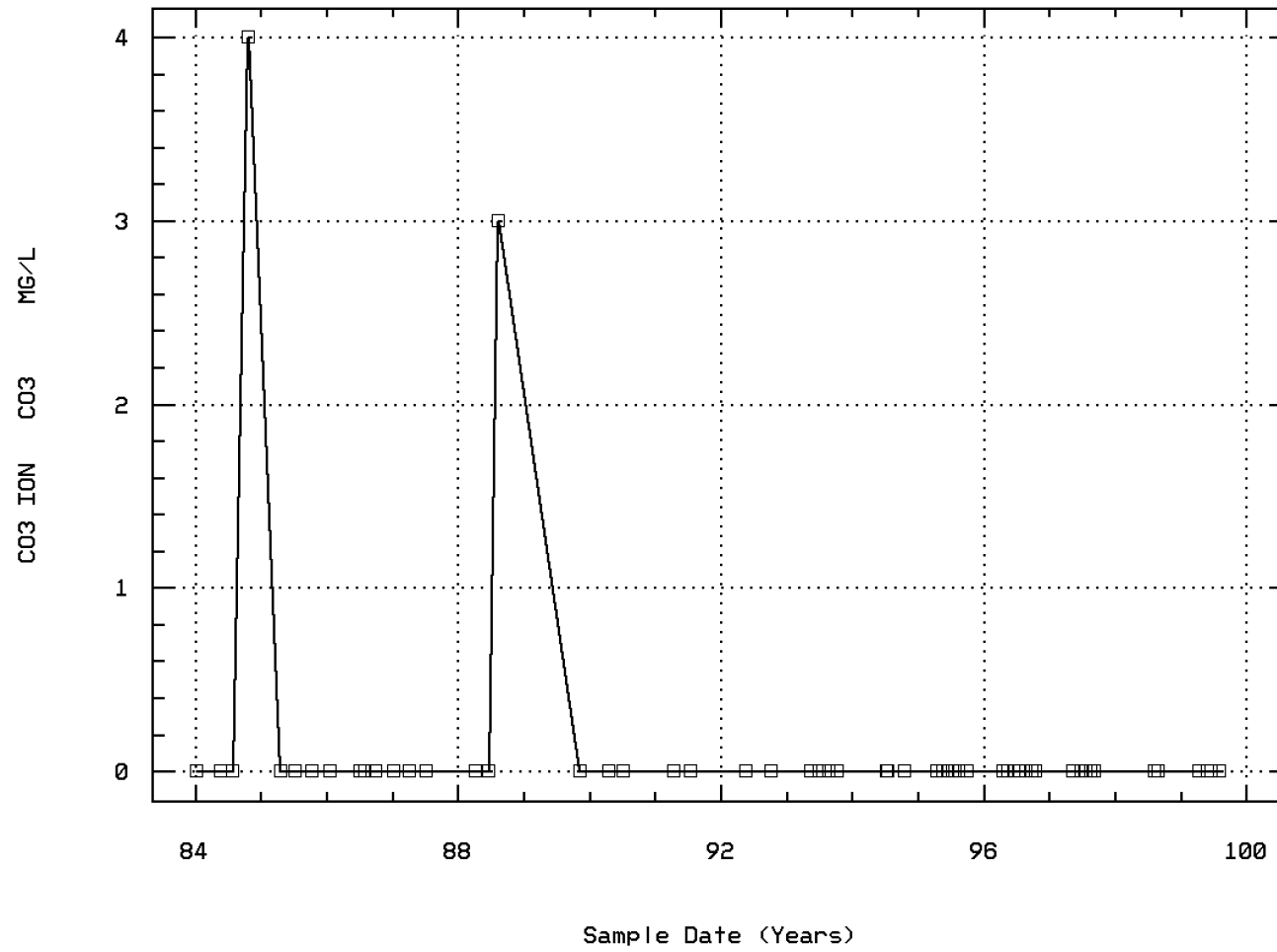
BICARBONATE ION (MG/L AS HCO₃)



GREEN R AB CNFL / COLORADO R

Station: CANY0153 Parameter Code: 00445

CARBONATE ION (MG/L AS CO3)

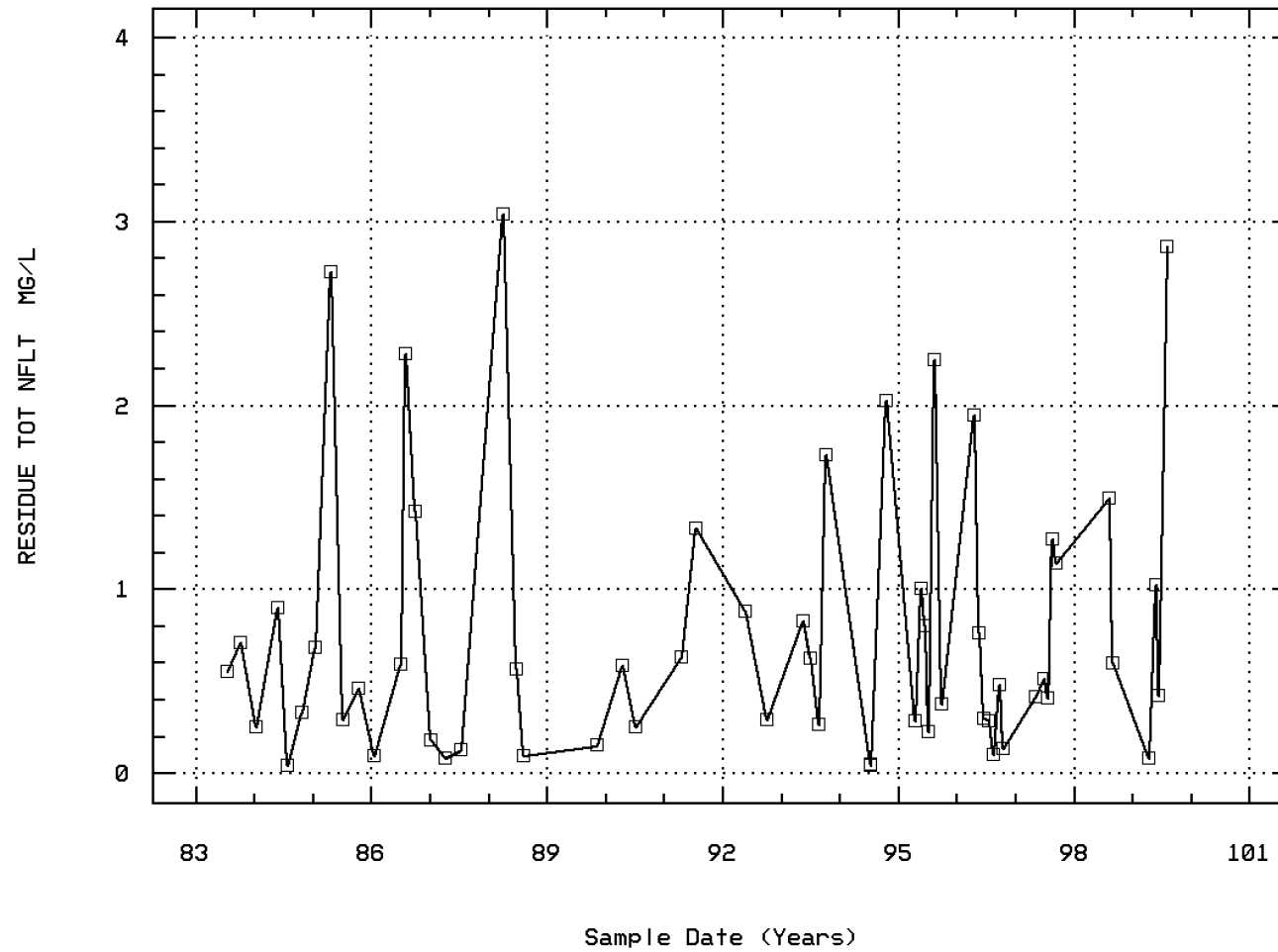


GREEN R AB CNFL / COLORADO R

Station: CANY0153 Parameter Code: 00530

(X 1000)

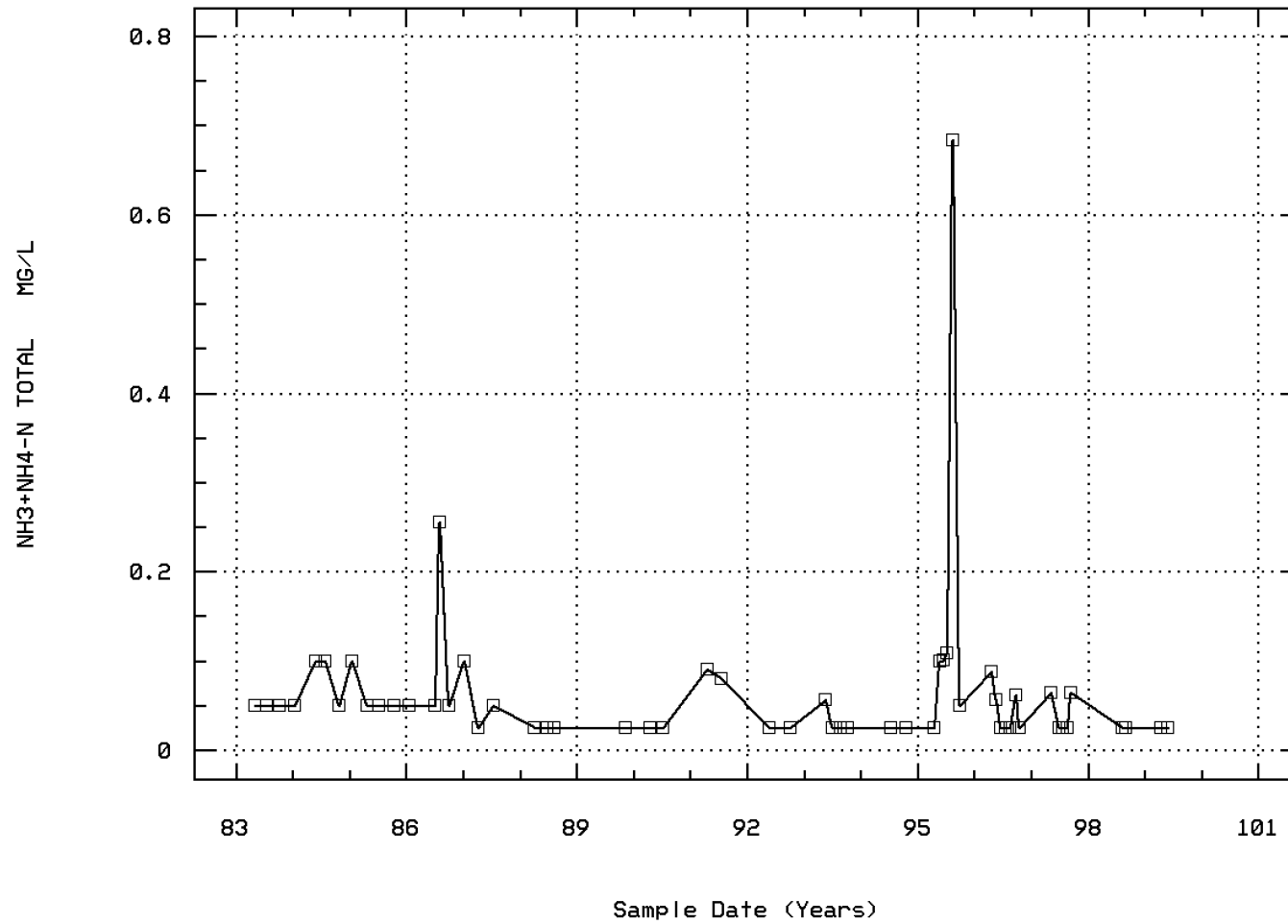
RESIDUE, TOTAL NONFILTRABLE (MG/L)



GREEN R AB CNFL / COLORADO R

Station: CANY0153 Parameter Code: 00610

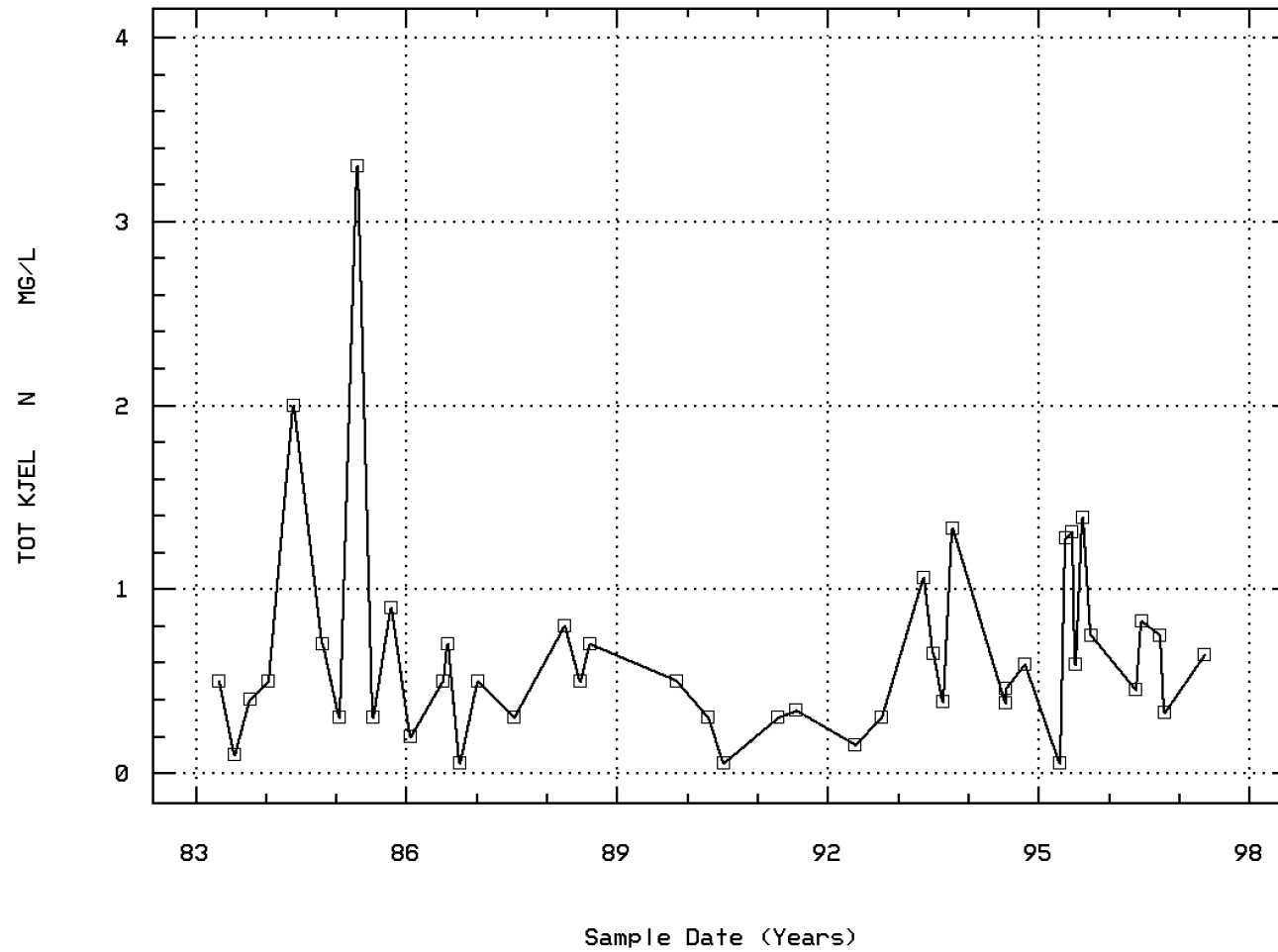
NITROGEN, AMMONIA, TOTAL (MG/L AS N)



GREEN R AB CNFL / COLORADO R

Station: CANY0153 Parameter Code: 00625

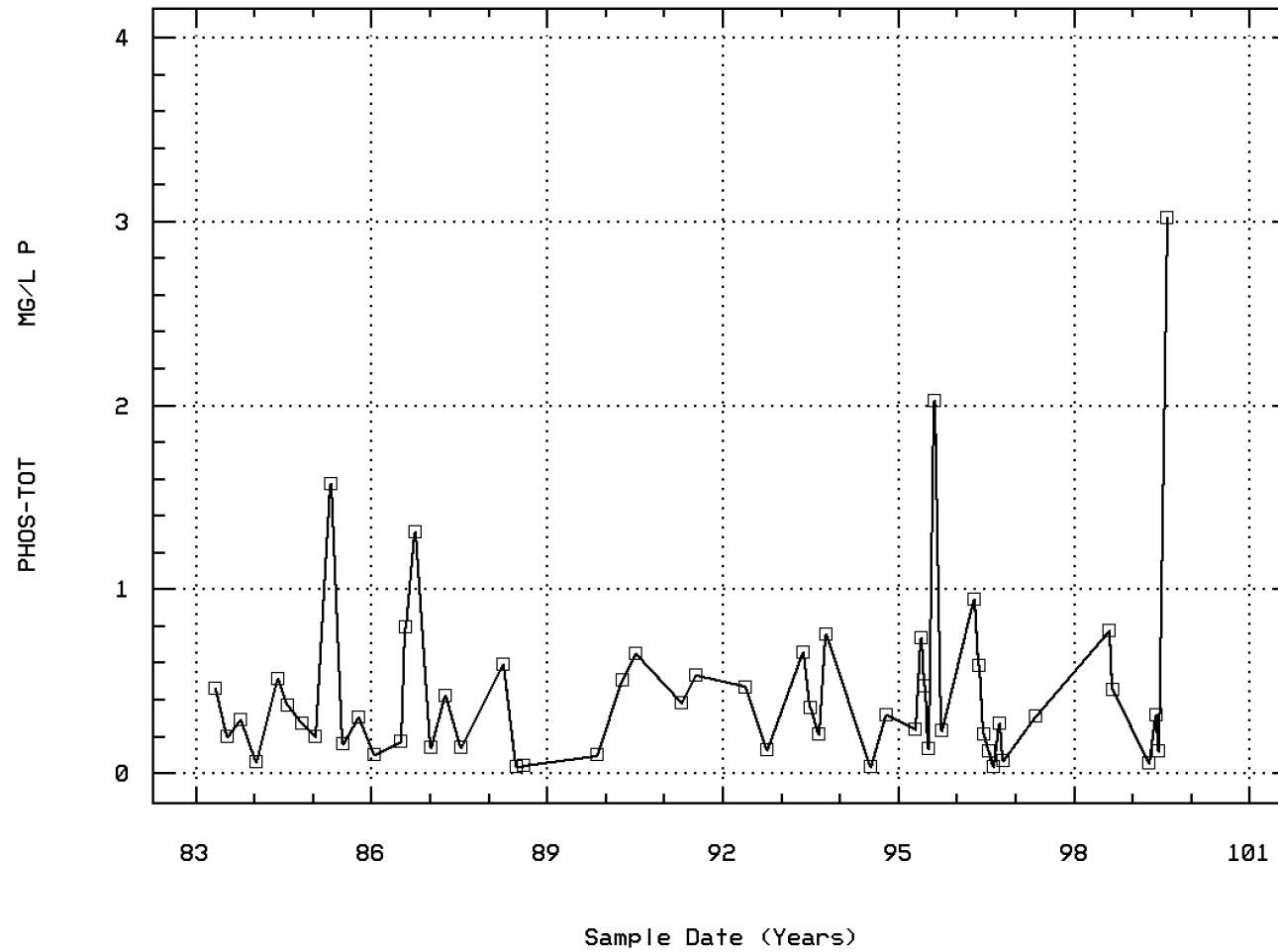
NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)



GREEN R AB CNFL / COLORADO R

Station: CANY0153 Parameter Code: 00665

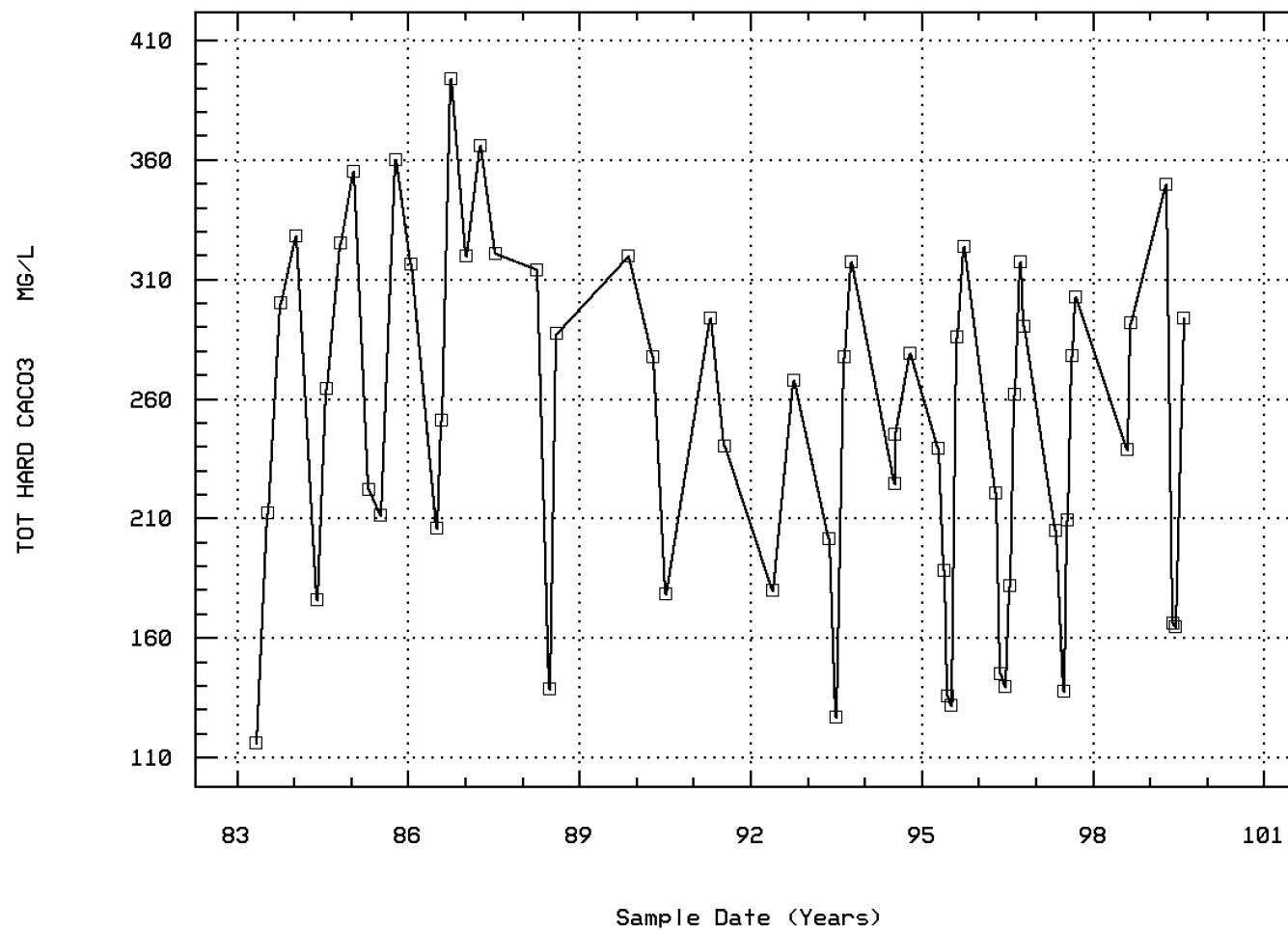
PHOSPHORUS, TOTAL (MG/L AS P)



GREEN R AB CNFL / COLORADO R

Station: CANY0153 Parameter Code: 00900

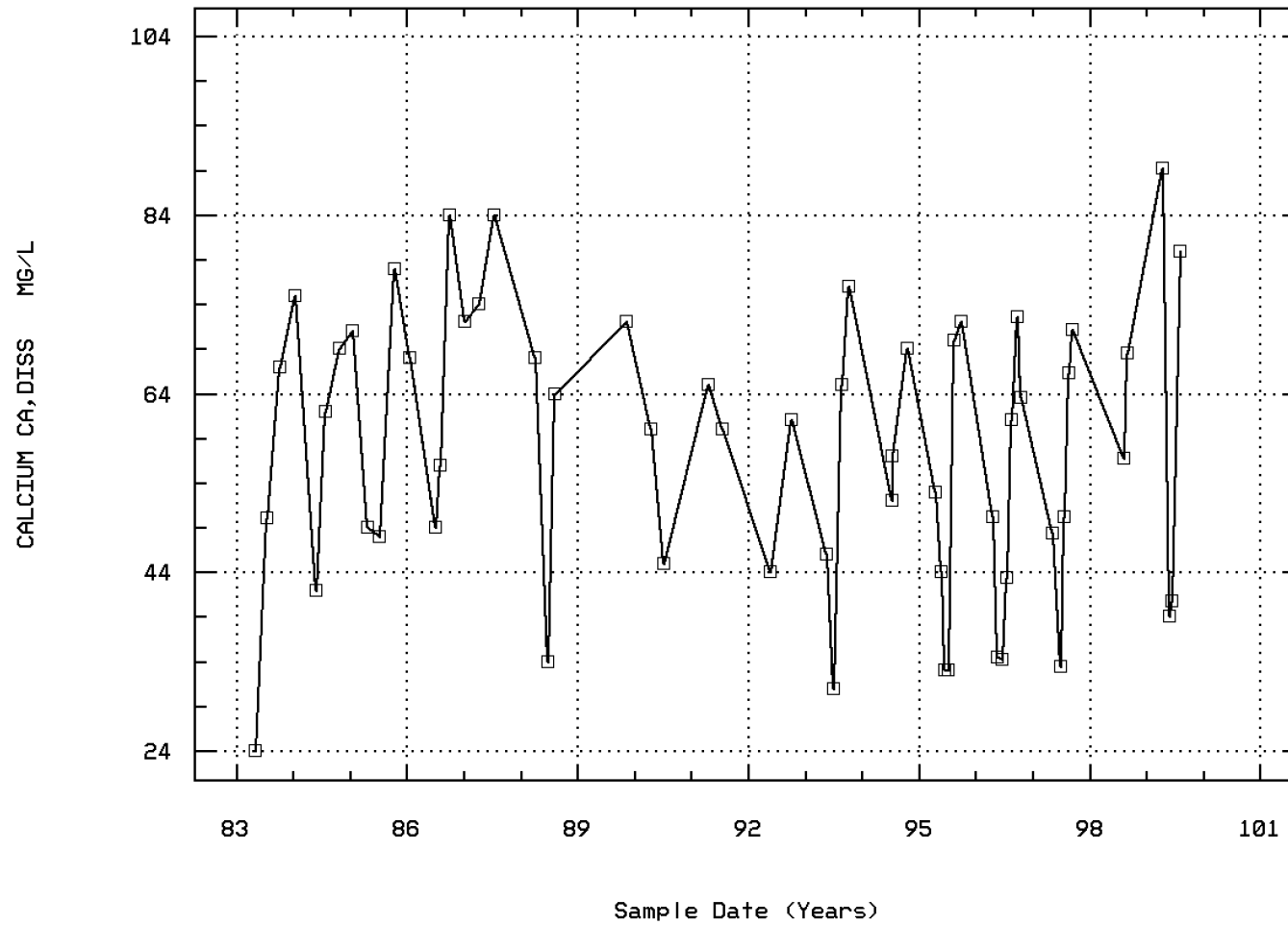
HARDNESS, TOTAL (MG/L AS CaCO3)



GREEN R AB CNFL / COLORADO R

Station: CANY0153 Parameter Code: 00915

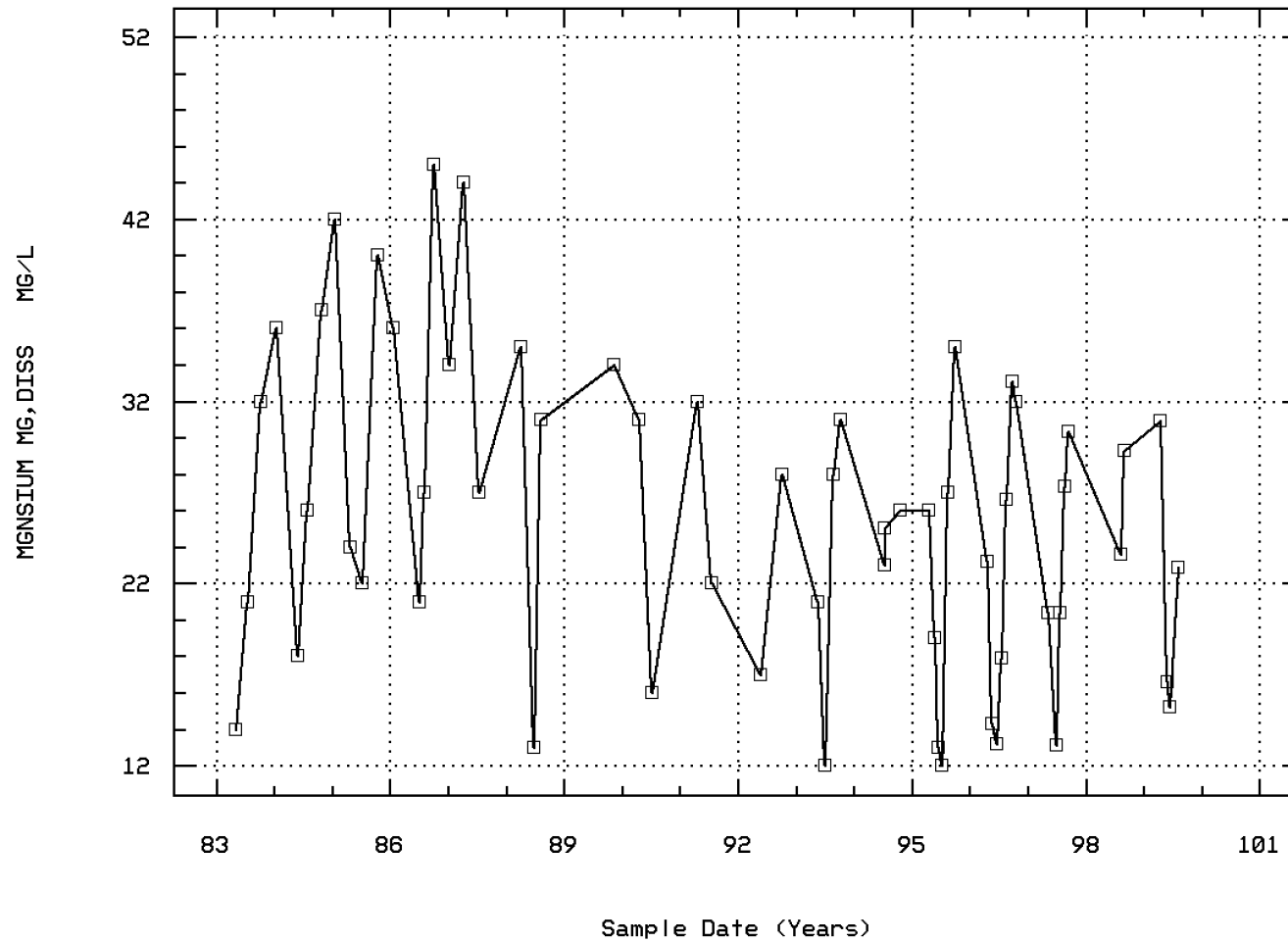
CALCIUM, DISSOLVED (MG/L AS CA)



GREEN R AB CNFL / COLORADO R

Station: CANY0153 Parameter Code: 00925

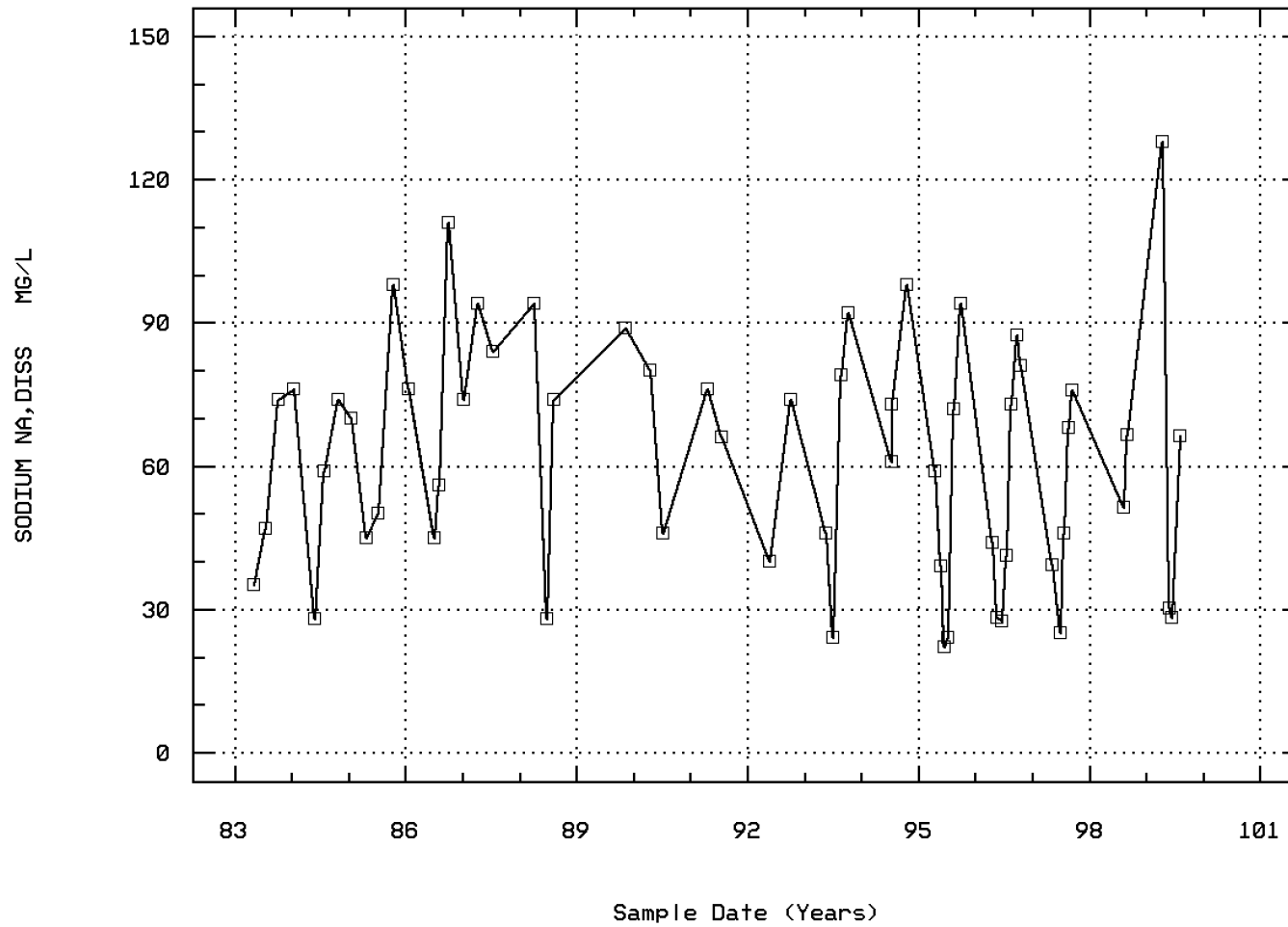
MAGNESIUM, DISSOLVED (MG/L AS MG)



GREEN R AB CNFL / COLORADO R

Station: CANY0153 Parameter Code: 00930

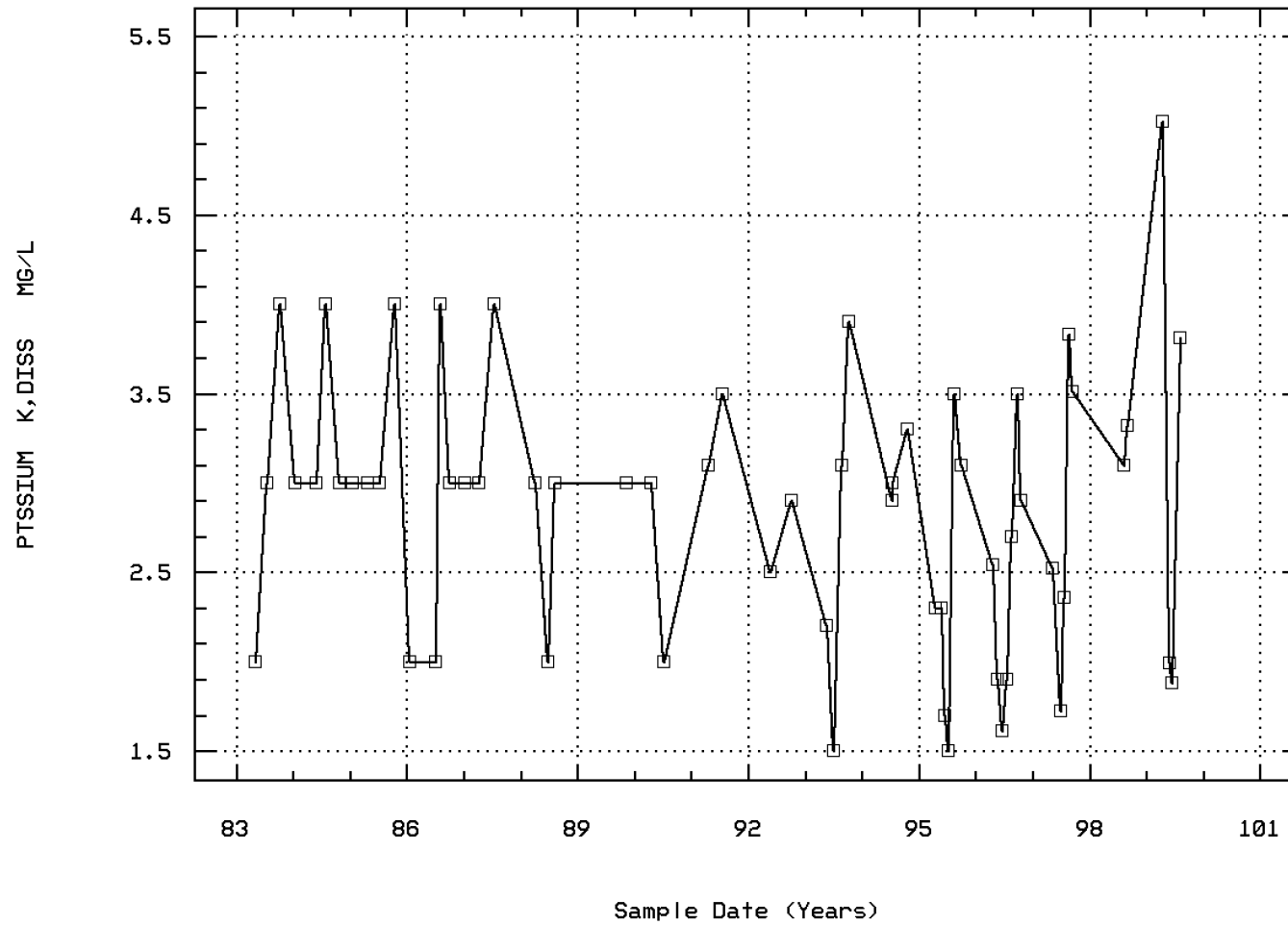
SODIUM, DISSOLVED (MG/L AS NA)



GREEN R AB CNFL / COLORADO R

Station: CANY0153 Parameter Code: 00935

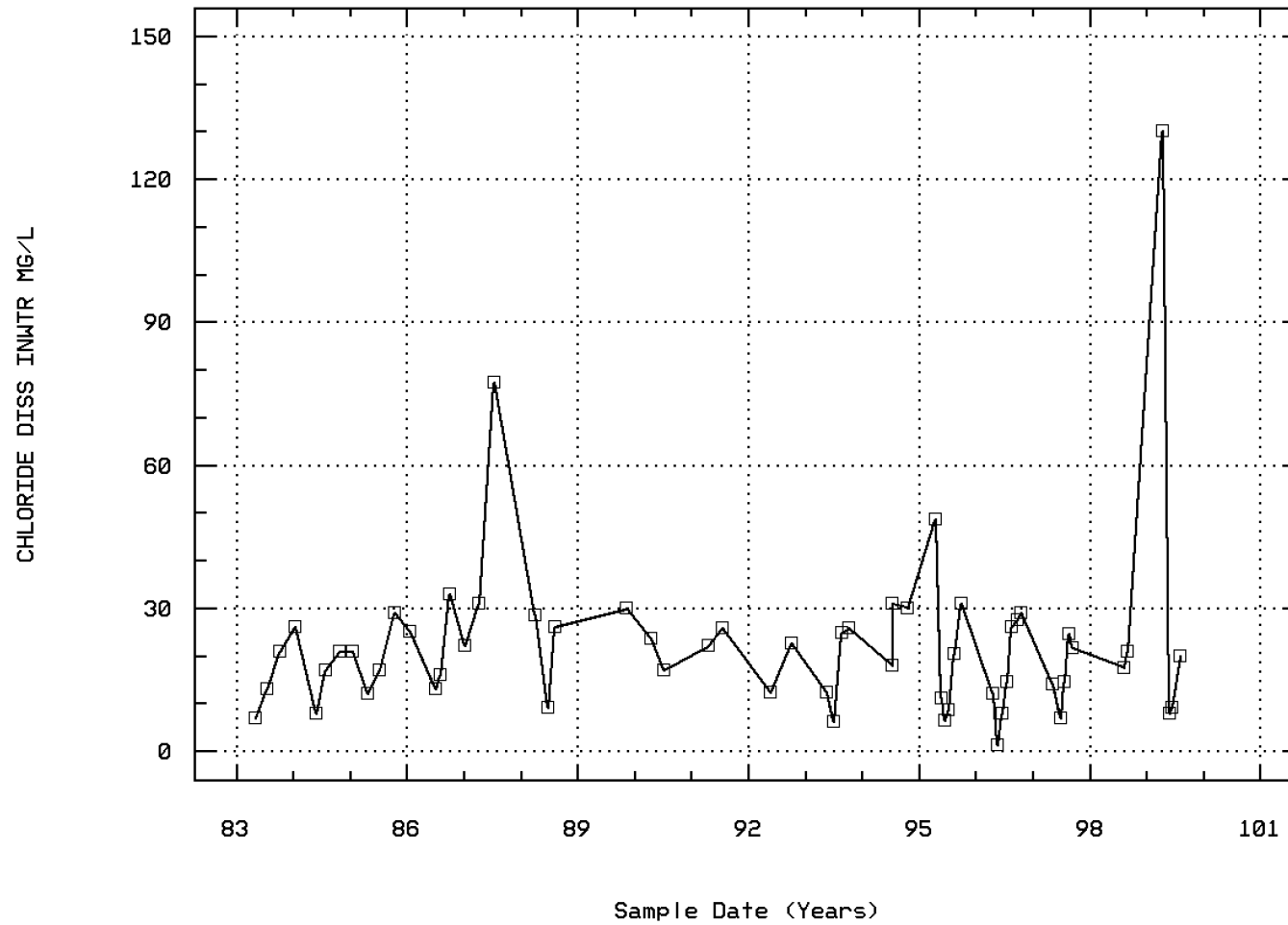
POTASSIUM, DISSOLVED (MG/L AS K)



GREEN R AB CNFL / COLORADO R

Station: CANY0153 Parameter Code: 00941

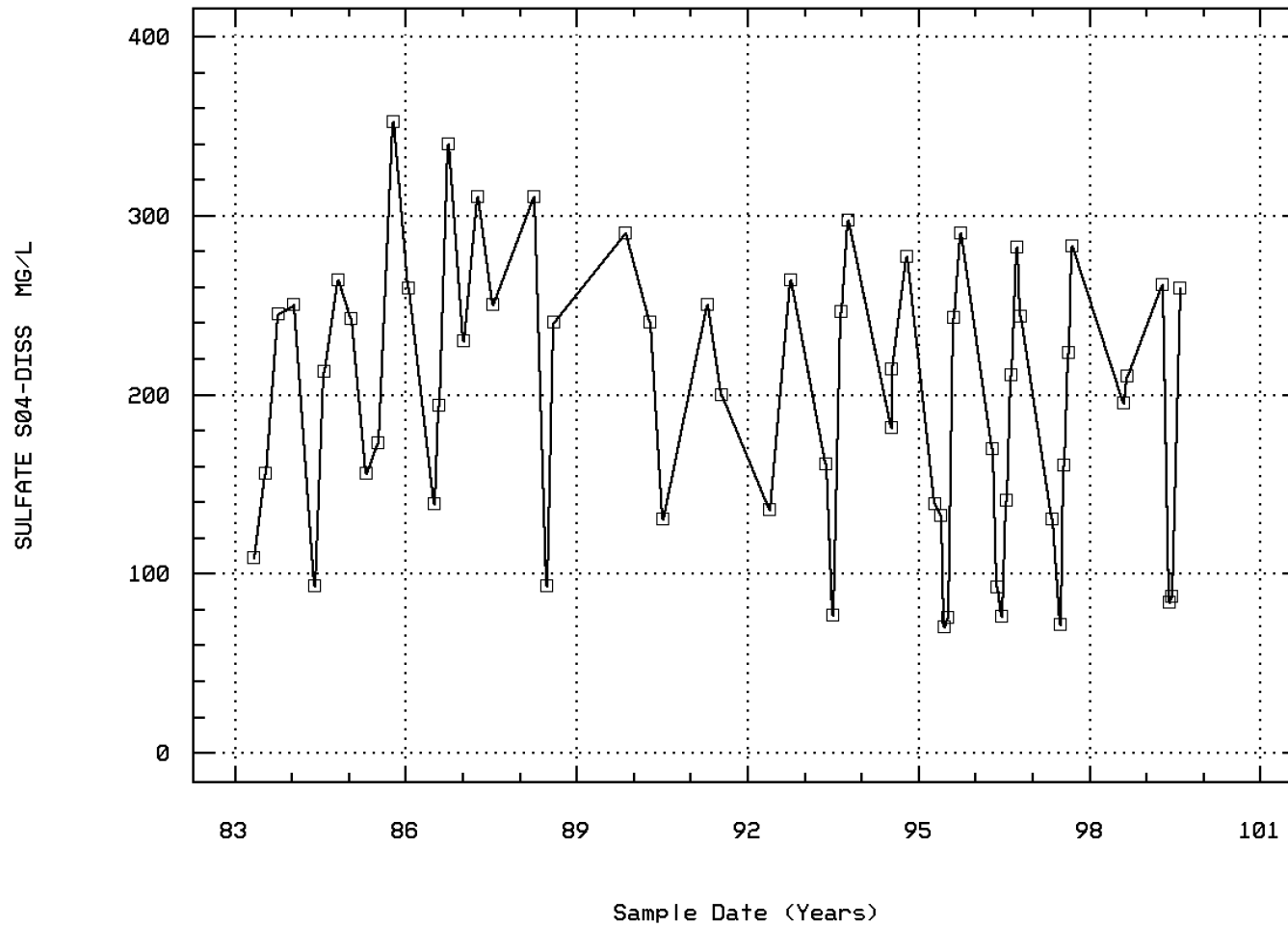
CHLORIDE, DISSOLVED IN WATER



GREEN R AB CNFL / COLORADO R

Station: CANY0153 Parameter Code: 00946

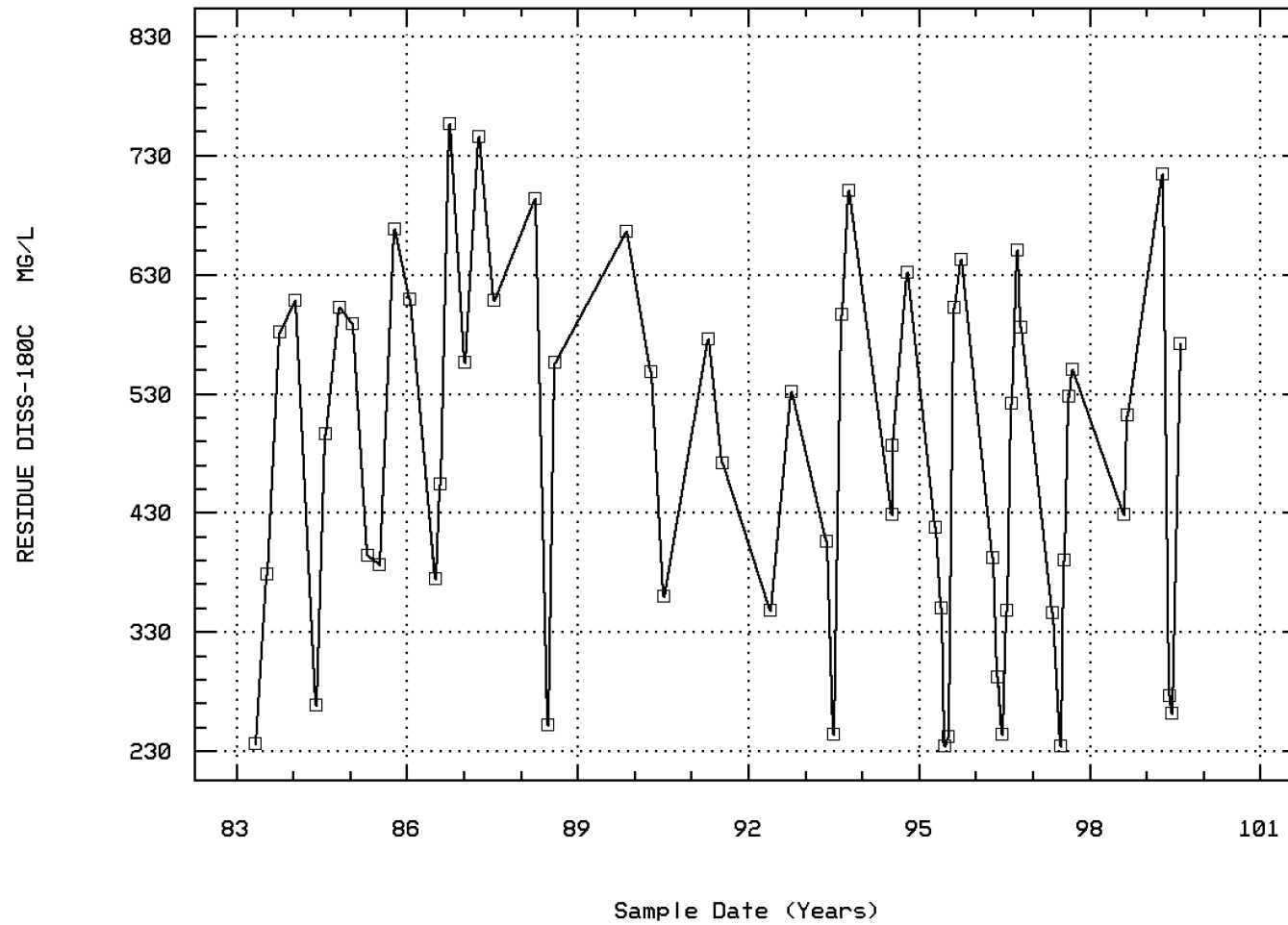
SULFATE, DISSOLVED (MG/L AS SO₄)



GREEN R AB CNFL / COLORADO R

Station: CANY0153 Parameter Code: 70300

RESIDUE, TOTAL FILTRABLE (DRIED AT 180C)



GREEN R AB CNFL / COLORADO R

Seasonal Analysis for Season #1: 7/15 to 10/14 - Station CANY0153

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/21/83-08/04/99	22	25.15	22.101	26.2	11.8	25.471	5.047	12.3	18.775	25.775	26.149
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/29/93-08/04/99	9	35.	34.456	40.	28.	14.823	3.85	28.	31.2	37.35	40.
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/04/83-08/04/99	24	271.	331.725	1050.	13.	79092.212	281.233	35.55	104.25	500.	780.5
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/21/83-08/04/99	19	800.	781.211	1042.	570.	15171.731	123.174	575.	672.	844.	962.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/04/83-08/04/99	24	791.	800.25	1085.	535.	18504.457	136.031	604.5	728.75	846.75	1013.
00191p	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	01/11/84-08/04/99	21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00300	OXYGEN, DISSOLVED MG/L	08/01/84-05/29/99	16	7.15	7.297	10.2	5.3	1.623	1.274	5.3	6.605	8.225	9.22
00400	PH (STANDARD UNITS)	07/08/86-08/04/99	18	8.285	8.094	8.53	5.92	0.368	0.607	7.342	8.	8.385	8.53
00400	CONVERTED PH (STANDARD UNITS)	07/08/86-08/04/99	18	8.285	7.13	8.53	5.92	1.352	1.163	7.342	8.	8.385	8.53
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/08/86-08/04/99	18	0.005	0.074	1.202	0.003	0.079	0.282	0.003	0.004	0.01	0.149
00405p	CARBON DIOXIDE (MG/L AS CO2)	05/04/83-08/04/99	24	2.	2.542	10.	1.	5.129	2.265	1.	1.	3.	6.
00406p	PH, FIELD, STANDARD UNITS SU	08/01/84-08/04/99	18	8.	8.031	8.9	6.9	0.154	0.392	7.8	7.9	8.1	8.63
00406p	CONVERTED PH, FIELD, STANDARD UNITS	08/01/84-08/04/99	18	8.	7.805	8.9	6.9	0.208	0.456	7.8	7.9	8.1	8.63
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/01/84-08/04/99	18	0.01	0.016	0.126	0.001	0.001	0.028	0.002	0.008	0.013	0.024
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	05/04/83-08/04/99	24	158.5	152.75	188.	2.	1306.978	36.152	127.	146.	170.5	184.
00440p	BICARBONATE ION (MG/L AS HCO3)	05/04/83-08/04/99	24	192.5	186.125	230.	2.	1952.549	44.188	155.	178.25	208.25	225.
00445p	CARBONATE ION (MG/L AS CO3)	01/11/84-08/04/99	21	0.	0.143	3.	0.	0.429	0.655	0.	0.	0.	0.
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/21/83-08/04/99	23	551.	888.126	2860.	37.	651960.898	807.441	59.2	279.	1420.	2267.2
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/04/83-05/29/99	23 ##	0.05	0.081	0.684	0.025	0.02	0.141	0.025	0.025	0.064	0.193
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/04/83-05/09/97	16	0.7	0.66	1.39	0.05	0.159	0.399	0.085	0.353	0.975	1.348
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	05/04/83-08/04/99	21	0.3	0.583	3.02	0.03	0.538	0.733	0.036	0.162	0.764	1.878
00900p	HARDNESS, TOTAL (MG/L AS CaCO3)	05/04/83-08/04/99	24	277.55	277.617	394.	181.9	2211.403	47.026	210.6	246.575	301.725	341.8
00915p	CALCIUM, DISSOLVED (MG/L AS Ca)	05/04/83-08/04/99	24	64.5	64.746	84.	43.4	98.23	9.911	50.1	57.75	71.8	78.95
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/04/83-08/04/99	24	27.15	28.142	45.	17.9	37.396	6.115	20.7	23.95	31.	37.5
00930p	SODIUM, DISSOLVED (MG/L AS Na)	05/04/83-08/04/99	24	72.45	70.996	111.	41.2	293.867	17.143	46.5	59.	78.225	96.
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	05/04/83-08/04/99	24	3.41	3.335	4.	1.9	0.319	0.565	2.53	3.	3.883	4.
00941p	CHLORIDE, DISSOLVED IN WATER MG/L	05/04/83-08/04/99	24	22.	22.521	33.	13.	32.183	5.673	14.5	17.125	26.	31.
00946p	SULFATE, DISSOLVED (MG/L AS SO4)	05/04/83-08/04/99	24	231.75	236.364	352.	140.6	2856.899	53.45	158.35	202.575	277.753	318.495
01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/08/92-08/04/99	14 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
01005	BARIIUM, DISSOLVED (UG/L AS BA)	10/08/92-08/04/99	14	80.	84.571	130.	26.	631.187	25.123	47.5	72.5	98.	125.
01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/08/92-08/04/99	14 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/08/92-08/04/99	14 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
01040	COPPER, DISSOLVED (UG/L AS CU)	10/08/92-08/04/99	14 ##	6.	7.5	15.	6.	7.5	2.739	6.	6.	10.	12.5
01046	IRON, DISSOLVED (UG/L AS FE)	10/08/92-08/04/99	14 ##	10.	71.393	405.	10.	15069.505	122.758	10.	10.	64.225	347.5
01049	LEAD, DISSOLVED (UG/L AS PB)	10/08/92-08/04/99	14 ##	1.5	1.864	3.8	1.5	0.59	0.768	1.5	1.5	1.75	3.55
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/08/92-08/04/99	14 ##	5.	6.25	14.	2.5	19.49	4.415	2.5	2.5	12.	13.25
01075	SILVER, DISSOLVED (UG/L AS AG)	10/08/92-08/04/99	14 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
01090	ZINC, DISSOLVED (UG/L AS ZN)	10/08/92-08/04/99	14 ##	15.	16.214	37.	10.	37.566	6.129	12.5	15.	15.	26.
01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/08/92-08/04/99	14	1.1	1.114	2.5	0.5	0.374	0.611	0.5	0.5	1.4	2.25
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	05/04/83-05/15/93	9 ##	0.25	0.5	2.5	0.25	0.563	0.75	0.25	0.25	0.25	2.5
61027	ANIONS, SUM, TOTAL IN WATER MG/L	07/18/91-08/04/99	16	344.	344.125	425.	226.	3170.25	56.305	248.4	308.	385.25	422.9
61944	CATIONS, SUM, TOTAL IN WATER, MG/L	07/18/91-08/04/99	16	167.	164.813	204.	104.	762.829	27.619	114.5	153.5	179.5	203.3
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/04/83-08/04/99	23	532.	540.	756.	348.	10800.364	103.925	382.8	472.	602.	687.2
71890	MERCURY, DISSOLVED (UG/L AS HG)	10/08/92-08/04/99	14 ##	0.1	0.108	0.209	0.1	0.001	0.029	0.1	0.1	0.1	0.155
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/04/83-05/15/93	9	2.5	2.333	3.	1.5	0.375	0.612	1.5	1.75	3.	3.
82703	BARIIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	05/04/83-05/15/93	9	0.13	0.142	0.24	0.1	0.002	0.049	0.1	0.105	0.18	0.24
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/04/83-05/15/93	9 ##	0.5	0.722	2.	0.5	0.257	0.507	0.5	0.5	0.75	2.
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/04/83-05/15/93	9 ##	2.5	10.556	50.	2.5	254.34	15.948	2.5	2.5	15.	50.
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/04/83-05/15/93	9	10.	14.222	30.	5.	60.444	7.775	5.	10.	19.	30.
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	05/04/83-05/15/93	9	3.14	5.407	18.49	0.16	43.723	6.612	0.16	0.37	10.49	18.49
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/04/83-05/15/93	9	8.	6.611	15.	2.5	16.424	4.053	2.5	2.5	8.	15.
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/04/83-05/15/93	9	325.	319.333	800.	44.	49571.5	222.647	44.	165.	430.	800.
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/04/83-05/15/93	9 ##	0.1	0.378	1.5	0.05	0.266	0.515	0.05	0.05	0.75	1.5
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/04/83-05/15/93	9 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/04/83-05/15/93	9	35.	44.889	100.	10.	1080.111	32.865	10.	17.5	79.5	100.

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

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station CANY0153

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/21/83-08/04/99	9	3.1	4.467	12.5	0.	19.308	4.394	0.	0.55	7.5	12.5
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/29/93-08/04/99	1	15.6	15.6	15.6	15.6	0.	0.	**	**	**	**
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/04/83-08/04/99	10	49.45	98.43	460.	23.7	17130.993	130.885	23.7	32.925	105.	424.5
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/21/83-08/04/99	11	911.	901.182	962.	717.	4462.964	66.805	747.2	900.	937.	961.2
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/04/83-08/04/99	10	880.	896.2	1000.	823.	2844.4	53.333	825.2	863.75	943.25	995.
00191p	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	01/11/84-08/04/99	8	0.	0.	0.	0.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/01/84-05/29/99	9	10.27	11.13	14.2	9.9	2.251	1.5	9.9	9.9	12.2	14.2
00400	PH (STANDARD UNITS)	07/08/86-08/04/99	4	8.15	8.137	8.55	7.7	0.122	0.35	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/08/86-08/04/99	4	8.147	8.034	8.55	7.7	0.137	0.37	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/08/86-08/04/99	4	0.007	0.009	0.02	0.003	0.	0.007	**	**	**	**
00405p	CARBON DIOXIDE (MG/L AS CO2)	05/04/83-08/04/99	10	2.	2.	6.	1.	2.222	1.491	1.	1.	2.	5.6
00406p	PH, FIELD, STANDARD UNITS SU	08/01/84-08/04/99	9	8.4	8.184	8.9	7.	0.502	0.708	7.	7.48	8.8	8.9
00406p	CONVERTED PH, FIELD, STANDARD UNITS	08/01/84-08/04/99	9	8.4	7.682	8.9	7.	0.786	0.886	7.	7.48	8.8	8.9
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/01/84-08/04/99	9	0.004	0.021	0.1	0.001	0.001	0.033	0.001	0.002	0.034	0.1
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	05/04/83-08/04/99	10	187.	186.	206.	166.	161.778	12.719	166.6	175.75	198.	205.2
00440p	BICARBONATE ION (MG/L AS HCO3)	05/04/83-08/04/99	10	220.	225.2	248.	202.	235.733	15.354	202.8	214.5	242.	247.4
00445p	CARBONATE ION (MG/L AS CO3)	01/11/84-08/04/99	9	0.	1.	4.	0.	3.	1.732	0.	0.	2.5	4.
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/21/83-08/04/99	8	212.5	478.025	2020.	92.	422878.062	650.291	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/04/83-05/29/99	10 ##	0.05	0.052	0.1	0.025	0.001	0.028	0.025	0.025	0.063	0.1
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/04/83-05/09/97	10	0.5	0.482	0.7	0.2	0.027	0.165	0.21	0.323	0.617	0.7
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	05/04/83-08/04/99	10	0.121	0.158	0.315	0.06	0.01	0.098	0.06	0.064	0.27	0.311
00900p	HARDNESS, TOTAL (MG/L AS CaCO3)	05/04/83-08/04/99	10	322.25	318.52	355.	279.1	440.491	20.988	280.2	309.525	328.	352.3
00915p	CALCIUM, DISSOLVED (MG/L AS Ca)	05/04/83-08/04/99	10	70.	70.35	75.	63.5	11.892	3.448	63.95	68.75	72.75	75.
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/04/83-08/04/99	10	36.	35.	42.	26.	16.889	4.11	26.6	33.5	37.	41.5
00930p	SODIUM, DISSOLVED (MG/L AS Na)	05/04/83-08/04/99	10	76.	78.8	98.	70.	71.956	8.483	70.4	74.	83.	97.1
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	05/04/83-08/04/99	10	3.	2.92	3.3	2.	0.115	0.339	2.09	2.975	3.	3.27
00941p	CHLORIDE, DISSOLVED IN WATER MG/L	05/04/83-08/04/99	10	25.5	25.1	30.	21.	13.878	3.725	21.	21.	29.25	30.
00946p	SULFATE, DISSOLVED (MG/L AS SO4)	05/04/83-08/04/99	10	254.5	256.962	290.	230.	315.199	17.754	231.2	243.05	267.305	288.722
01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/08/92-08/04/99	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01005	BARIIUM, DISSOLVED (UG/L AS Ba)	10/08/92-08/04/99	1	140.	140.	140.	140.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS Cd)	10/08/92-08/04/99	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/08/92-08/04/99	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	10/08/92-08/04/99	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	10/08/92-08/04/99	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS Pb)	10/08/92-08/04/99	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/08/92-08/04/99	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	10/08/92-08/04/99	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	10/08/92-08/04/99	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/08/92-08/04/99	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	05/04/83-05/15/93	8 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
61027	ANIONS, SUM, TOTAL IN WATER MG/L	07/18/91-08/04/99	2	390.5	390.5	406.	375.	480.5	21.92	**	**	**	**
61944	CATIONS, SUM, TOTAL IN WATER, MG/L	07/18/91-08/04/99	2	187.5	187.5	196.	179.	144.5	12.021	**	**	**	**
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/04/83-08/04/99	8	605.	605.875	666.	556.	1075.554	32.796	**	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	10/08/92-08/04/99	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/04/83-05/15/93	8	2.	1.938	3.	1.	0.746	0.863	**	**	**	**
82703	BARIIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	05/04/83-05/15/93	8	0.089	0.065	0.09	0.025	0.001	0.033	**	**	**	**
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/04/83-05/15/93	8 ##	0.5	0.563	1.	0.5	0.031	0.177	**	**	**	**
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/04/83-05/15/93	8 ##	2.5	4.063	7.	2.5	4.746	2.178	**	**	**	**
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/04/83-05/15/93	8 ##	7.5	7.5	10.	5.	7.143	2.673	**	**	**	**
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	05/04/83-05/15/93	8	1.415	1.346	2.21	0.56	0.415	0.644	**	**	**	**
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/04/83-05/15/93	8 ##	2.5	2.813	5.	2.5	0.781	0.884	**	**	**	**
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/04/83-05/15/93	8	59.5	61.	110.	20.	1253.429	35.404	**	**	**	**
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/04/83-05/15/93	8 ##	0.05	0.113	0.5	0.05	0.025	0.158	**	**	**	**
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/04/83-05/15/93	8 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/04/83-05/15/93	8	15.	15.875	32.	5.	118.982	10.908	**	**	**	**

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

Seasonal Analysis for Season #3: 4/01 to 5/31 - Station CANY0153

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/21/83-08/04/99	14	12.85	14.179	19.8	10.6	10.92	3.305	10.6	11.35	17.725	19.55
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/29/93-08/04/99	5	23.8	20.56	30.	7.2	73.788	8.59	**	**	**	**
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/04/83-08/04/99	17	325.	335.129	1000.	42.2	49459.535	222.395	94.04	181.	432.5	608.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/21/83-08/04/99	14	642.5	678.357	1024.	427.	49687.94	222.908	436.	451.	874.75	1020.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/04/83-08/04/99	17	552.	642.412	1100.	380.	51885.507	227.784	400.8	470.	827.5	1032.
00191p	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	01/11/84-08/04/99	15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00300	OXYGEN, DISSOLVED MG/L	08/01/84-05/29/99	12	7.9	7.113	9.2	1.4	5.879	2.425	2.03	6.075	8.92	9.14
00400	PH (STANDARD UNITS)	07/08/86-08/04/99	13	8.01	8.072	8.4	7.8	0.035	0.186	7.8	7.97	8.245	8.36
00400	CONVERTED PH (STANDARD UNITS)	07/08/86-08/04/99	13	8.01	8.037	8.4	7.8	0.036	0.19	7.8	7.97	8.245	8.36
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/08/86-08/04/99	13	0.01	0.009	0.016	0.004	0.	0.004	0.004	0.006	0.011	0.016
00405p	CARBON DIOXIDE (MG/L AS CO2)	05/04/83-08/04/99	17	2.	2.588	6.	1.	2.507	1.583	1.	1.	3.	6.
00406p	PH, FIELD, STANDARD UNITS SU	08/01/84-08/04/99	12	7.9	7.725	8.8	6.9	0.353	0.594	6.9	7.125	8.075	8.65
00406p	CONVERTED PH, FIELD, STANDARD UNITS	08/01/84-08/04/99	12	7.9	7.399	8.8	6.9	0.469	0.685	6.9	7.125	8.075	8.65
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/01/84-08/04/99	12	0.013	0.04	0.126	0.002	0.002	0.047	0.003	0.008	0.075	0.126
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	05/04/83-08/04/99	17	141.	136.588	195.	72.	774.132	27.823	102.4	118.	153.5	175.
00440p	BICARBONATE ION (MG/L AS HCO3)	05/04/83-08/04/99	17	172.	166.765	238.	88.	1155.191	33.988	124.8	144.5	187.	214.
00445p	CARBONATE ION (MG/L AS CO3)	01/11/84-08/04/99	15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/21/83-08/04/99	15	826.	1009.96	3036.	76.	786021.567	886.579	76.24	410.	1022.	2848.8
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/04/83-05/29/99	17 ##	0.05	0.055	0.1	0.025	0.001	0.03	0.025	0.025	0.089	0.1
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/04/83-05/09/97	14	0.72	0.988	3.3	0.05	0.823	0.907	0.1	0.3	1.46	2.65
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	05/04/83-08/04/99	17	0.502	0.543	1.57	0.056	0.11	0.332	0.198	0.347	0.624	1.066
00900p	HARDNESS, TOTAL (MG/L AS CaCO3)	05/04/83-08/04/99	17	204.7	225.553	365.7	116.	5117.995	71.54	139.12	176.	285.5	352.9
00915p	CALCIUM, DISSOLVED (MG/L AS Ca)	05/04/83-08/04/99	17	48.4	51.318	89.2	24.	249.737	15.803	32.4	42.	62.5	77.04
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/04/83-08/04/99	17	21.	23.788	44.	14.	68.894	8.3	14.24	17.5	30.95	36.8
00930p	SODIUM, DISSOLVED (MG/L AS Na)	05/04/83-08/04/99	17	43.9	54.918	128.	28.	854.742	29.236	28.	32.6	78.	100.8
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	05/04/83-08/04/99	17	2.54	2.728	5.02	1.9	0.523	0.723	1.972	2.25	3.	3.484
00941p	CHLORIDE, DISSOLVED IN WATER MG/L	05/04/83-08/04/99	17	12.4	22.906	130.	1.2	893.186	29.886	5.84	8.	26.	64.8
00946p	SULFATE, DISSOLVED (MG/L AS SO4)	05/04/83-08/04/99	17	138.98	168.621	310.	83.9	5821.034	76.296	90.78	101.	245.	310.
01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/08/92-08/04/99	7 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	10/08/92-08/04/99	7	66.	65.343	93.	45.	305.49	17.478	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/08/92-08/04/99	7 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/08/92-08/04/99	7 ##	2.5	4.929	17.	2.5	29.202	5.404	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	10/08/92-08/04/99	7 ##	6.	7.914	19.4	6.	25.651	5.065	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	10/08/92-08/04/99	7	31.	103.957	505.	10.	32222.546	179.506	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	10/08/92-08/04/99	7 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/08/92-08/04/99	7 ##	2.5	6.	27.	2.5	85.75	9.26	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	10/08/92-08/04/99	7 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	10/08/92-08/04/99	7 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/08/92-08/04/99	7	1.	1.4	4.	0.5	1.503	1.226	**	**	**	**
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	05/04/83-05/15/93	10 ##	0.25	0.8	2.5	0.25	0.858	0.926	0.25	0.25	1.375	2.5
61027	ANIONS, SUM, TOTAL IN WATER MG/L	07/18/91-08/04/99	9	221.	248.667	482.	160.	9064.	95.205	160.	190.5	261.5	482.
61944	CATIONS, SUM, TOTAL IN WATER, MG/L	07/18/91-08/04/99	9	111.	123.778	253.	79.	2660.444	51.579	79.	96.	130.	253.
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/04/83-08/04/99	16	393.	437.75	746.	236.	27651.133	166.286	258.4	305.5	569.	723.6
71890	MERCURY, DISSOLVED (UG/L AS HG)	10/08/92-08/04/99	7 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/04/83-05/15/93	10	3.4	3.08	3.5	2.5	0.253	0.503	2.5	2.5	3.5	3.5
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	05/04/83-05/15/93	10	0.081	0.09	0.18	0.025	0.003	0.056	0.025	0.025	0.143	0.177
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/04/83-05/15/93	10 ##	0.5	0.55	1.	0.5	0.025	0.158	0.5	0.5	0.5	0.95
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/04/83-05/15/93	10	5.5	5.3	10.	2.5	8.567	2.927	2.5	2.5	7.	10.
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/04/83-05/15/93	10 ##	10.	11.5	35.	5.	72.5	8.515	5.	8.75	10.	32.5
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	05/04/83-05/15/93	10	6.475	5.796	9.6	0.015	8.709	2.951	0.154	4.475	7.735	9.454
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/04/83-05/15/93	10	5.	5.85	11.	1.5	10.725	3.275	1.6	2.5	8.5	10.9
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/04/83-05/15/93	10	375.	406.	1025.	5.	78398.889	279.998	26.5	242.5	470.	993.5
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/04/83-05/15/93	10 ##	0.075	0.075	0.1	0.05	0.001	0.026	0.05	0.05	0.1	0.1
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/04/83-05/15/93	10 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/04/83-05/15/93	10	40.5	46.6	140.	15.	1217.6	34.894	15.7	26.5	47.5	131.5

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

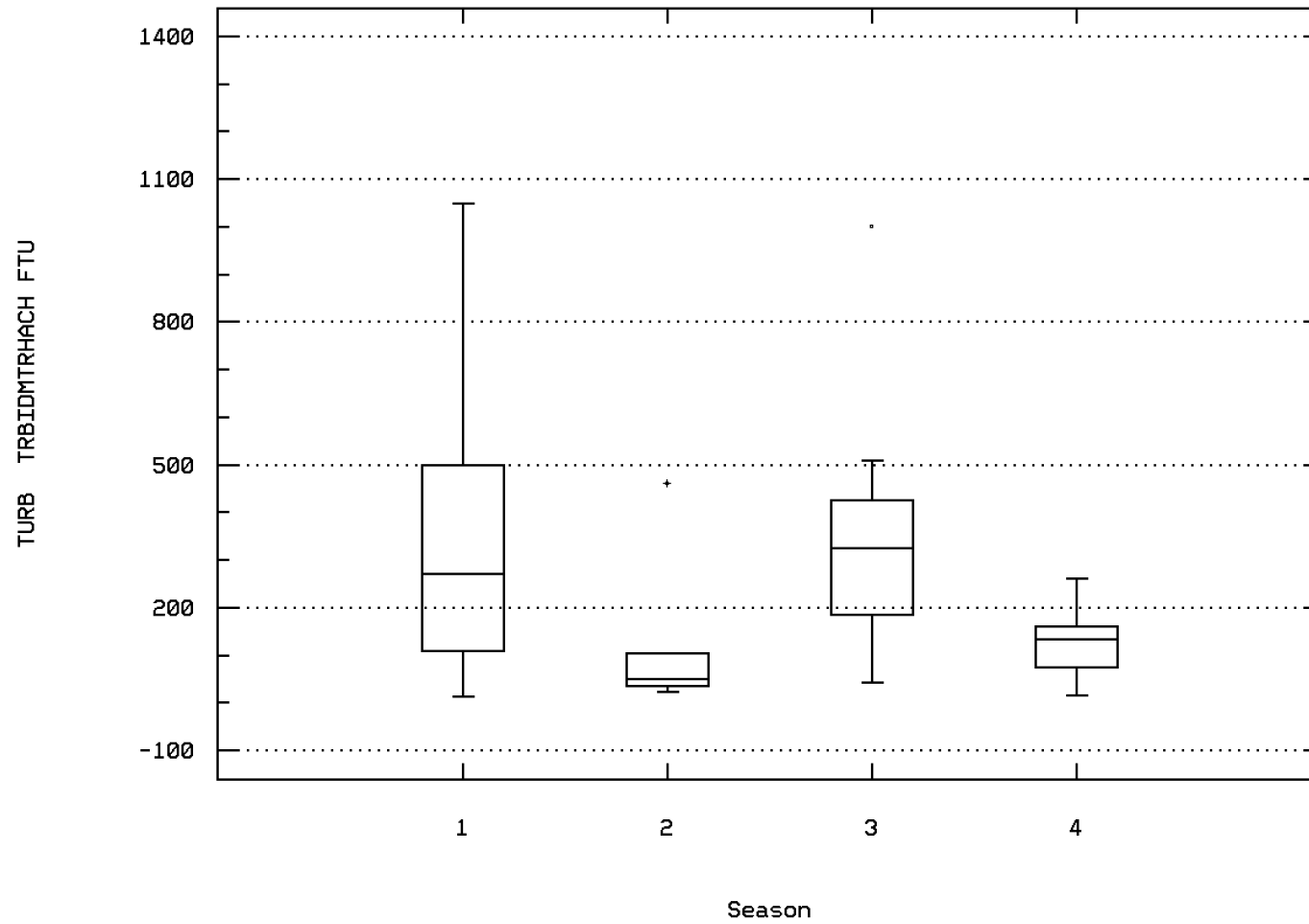
Seasonal Analysis for Season #4: 6/01 to 7/14 - Station CANY0153

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/21/83-08/04/99	10	22.25	24.03	29.2	18.	14.529	3.812	18.33	21.525	27.925	29.08
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/29/93-08/04/99	7	33	33.886	39.	31.	6.691	2.587	**	**	**	**
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/04/83-08/04/99	12	133.5	123.417	260.	16.	4991.538	70.651	16.3	62.75	167.5	237.2
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/21/83-08/04/99	10	411.5	481.2	689.	348.	17583.733	132.604	348.2	371.75	609.	685.5
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/04/83-08/04/99	12	412.	506.	937.	363.	32004.182	178.897	363.	371.	638.	855.4
00191p	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	01/11/84-08/04/99	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00300	OXYGEN, DISSOLVED MG/L	08/01/84-05/29/99	7	7.1	7.171	8.7	6.2	0.616	0.785	**	**	**	**
00400	PH (STANDARD UNITS)	07/08/86-08/04/99	11	8.02	7.995	8.3	7.2	0.083	0.287	7.34	8.	8.18	8.278
00400	CONVERTED PH (STANDARD UNITS)	07/08/86-08/04/99	11	8.02	7.865	8.3	7.2	0.101	0.318	7.34	8.	8.18	8.278
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/08/86-08/04/99	11	0.01	0.014	0.063	0.005	0.	0.017	0.005	0.007	0.01	0.053
00405p	CARBON DIOXIDE (MG/L AS CO2)	05/04/83-08/04/99	12	2.	2.5	11.	1.	7.727	2.78	1.	1.	2.75	8.6
00406p	PH, FIELD, STANDARD UNITS SU	08/01/84-08/04/99	10	7.8	7.72	8.4	7.	0.233	0.483	7.02	7.2	8.2	8.38
00406p	CONVERTED PH, FIELD, STANDARD UNITS	08/01/84-08/04/99	10	7.789	7.495	8.4	7.	0.289	0.537	7.02	7.2	8.2	8.38
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/01/84-08/04/99	10	0.016	0.032	0.1	0.004	0.001	0.033	0.004	0.006	0.063	0.096
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	05/04/83-08/04/99	12	99.5	111.083	151.	94.	418.992	20.469	94.	94.25	130.5	146.5
00440p	BICARBONATE ION (MG/L AS HCO3)	05/04/83-08/04/99	12	121.	135.5	184.	114.	631.545	25.131	114.	115.25	159.5	178.6
00445p	CARBONATE ION (MG/L AS CO3)	01/11/84-08/04/99	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/21/83-08/04/99	12	354.7	394.533	802.	48.	50972.415	225.771	72.	231.5	583.	748.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/04/83-05/29/99	11 ##	0.025	0.046	0.109	0.025	0.001	0.031	0.025	0.025	0.05	0.107
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/04/83-05/09/97	10	0.5	0.541	1.31	0.05	0.119	0.345	0.075	0.3	0.694	1.262
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	05/04/83-08/04/99	11	0.16	0.224	0.65	0.03	0.037	0.192	0.031	0.119	0.356	0.614
00900p	HARDNESS, TOTAL (MG/L AS CaCO3)	05/04/83-08/04/99	12	151.95	176.175	320.7	126.7	3253.1	57.036	128.2	136.225	209.75	291.81
00915p	CALCIUM, DISSOLVED (MG/L AS Ca)	05/04/83-08/04/99	12	37.5	43.125	84.	31.	220.395	14.846	31.6	33.125	48.75	74.4
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/04/83-08/04/99	12	14.2	16.708	27.	12.	26.534	5.151	12.	13.	21.75	25.8
00930p	SODIUM, DISSOLVED (MG/L AS Na)	05/04/83-08/04/99	12	28.1	38.733	84.	22.	365.113	19.108	22.6	24.275	49.	77.1
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	05/04/83-08/04/99	12	1.94	2.151	4.	1.5	0.579	0.761	1.5	1.633	2.675	3.7
00941p	CHLORIDE, DISSOLVED IN WATER MG/L	05/04/83-08/04/99	12	9.	16.383	77.4	6.2	388.067	19.699	6.29	7.25	17.	59.58
00946p	SULFATE, DISSOLVED (MG/L AS SO4)	05/04/83-08/04/99	12	90.15	118.623	250.	70.27	3303.263	57.474	70.54	75.625	164.5	229.396
01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/08/92-08/04/99	7 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01005	BARIIUM, DISSOLVED (UG/L AS Ba)	10/08/92-08/04/99	7	48.	52.714	70.	41.	141.238	11.884	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS Cd)	10/08/92-08/04/99	7 ##	0.5	0.643	1.5	0.5	0.143	0.378	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/08/92-08/04/99	7 ##	2.5	3.971	9.	2.5	6.922	2.631	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	10/08/92-08/04/99	7 ##	6.	7.857	15.	6.	12.143	3.485	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS Fe)	10/08/92-08/04/99	7 ##	15.	58.6	230.	10.	7048.987	83.958	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS Pb)	10/08/92-08/04/99	7 ##	1.5	1.571	2.	1.5	0.036	0.189	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/08/92-08/04/99	7 ##	2.5	4.543	11.	2.5	10.03	3.167	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS Ag)	10/08/92-08/04/99	7 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS Zn)	10/08/92-08/04/99	7 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS Se)	10/08/92-08/04/99	7 ##	1.	1.786	8.	0.5	7.571	2.752	**	**	**	**
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	05/04/83-05/15/93	5	0.5	0.75	1.5	0.25	0.25	0.5	**	**	**	**
61027	ANIONS, SUM, TOTAL IN WATER MG/L	07/18/91-08/04/99	7	141.	162.286	290.	134.	3204.905	56.612	**	**	**	**
61944	CATIONS, SUM, TOTAL IN WATER, MG/L	07/18/91-08/04/99	7	73.	83.571	139.	69.	631.286	25.125	**	**	**	**
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/04/83-08/04/99	12	257.	322.333	608.	234.	13075.515	114.348	234.	242.5	383.	554.
71890	MERCURY, DISSOLVED (UG/L AS Hg)	10/08/92-08/04/99	7 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/04/83-05/15/93	5	2.5	3.12	7.	1.1	5.197	2.28	**	**	**	**
82703	BARIIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	05/04/83-05/15/93	5	0.099	0.096	0.12	0.07	0.	0.018	**	**	**	**
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/04/83-05/15/93	5 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/04/83-05/15/93	5 ##	2.5	3.	5.	2.5	1.25	1.118	**	**	**	**
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/04/83-05/15/93	5 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	05/04/83-05/15/93	5	2.6	2.518	3.9	0.7	1.381	1.175	**	**	**	**
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/04/83-05/15/93	5 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/04/83-05/15/93	5	120.	117.	160.	45.	2295.	47.906	**	**	**	**
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/04/83-05/15/93	5 ##	0.1	0.38	0.8	0.1	0.147	0.383	**	**	**	**
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/04/83-05/15/93	5 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/04/83-05/15/93	5	28.	26.6	30.	20.	17.8	4.219	**	**	**	**

** - Less than 9 observations ## - Computed 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: CANY0153 Parameter Code: 00076

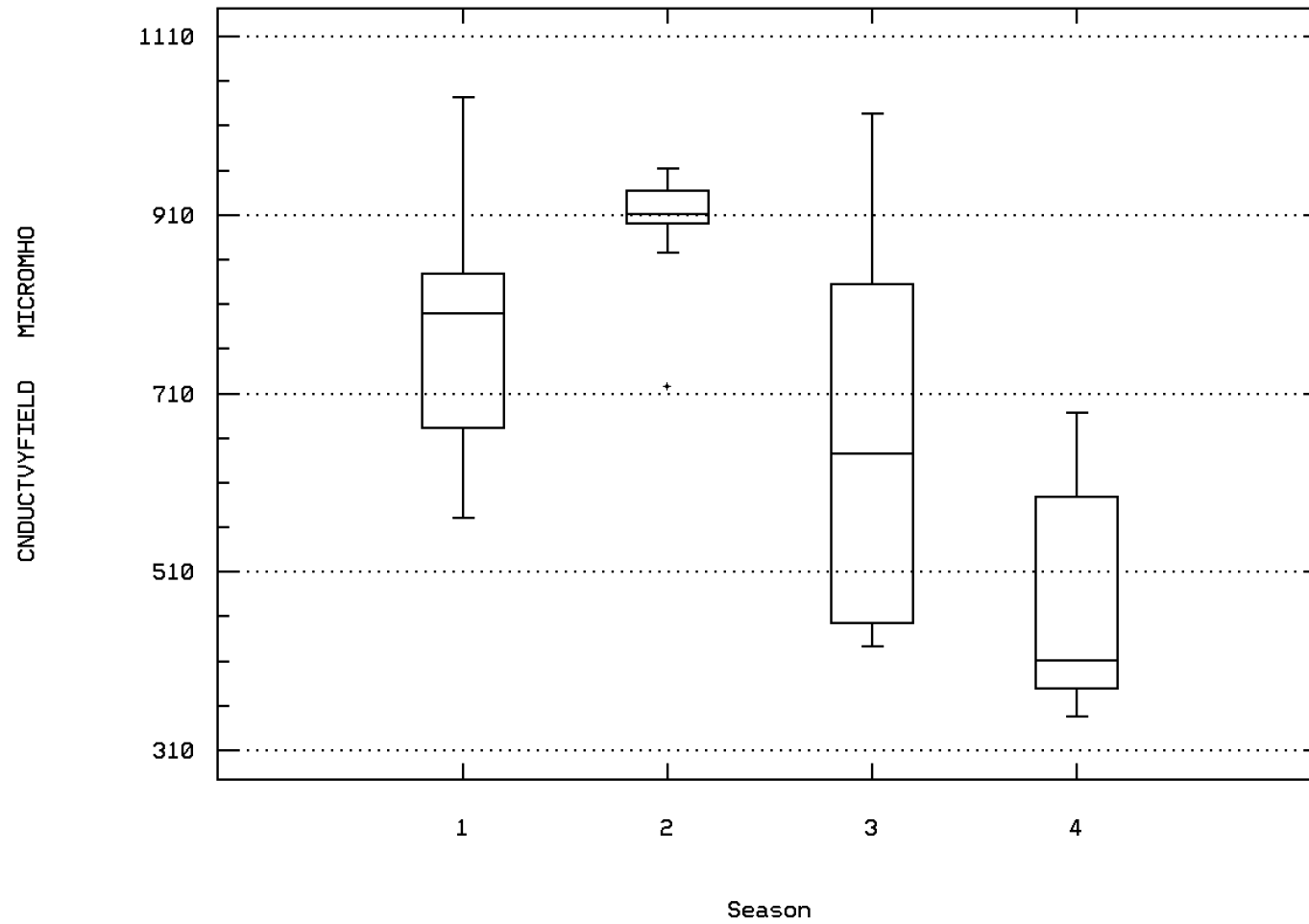
TURBIDITY, HACH TURBIDIMETER (FORMAZIN T



GREEN R AB CNFL / COLORADO R

Station: CANY0153 Parameter Code: 00094

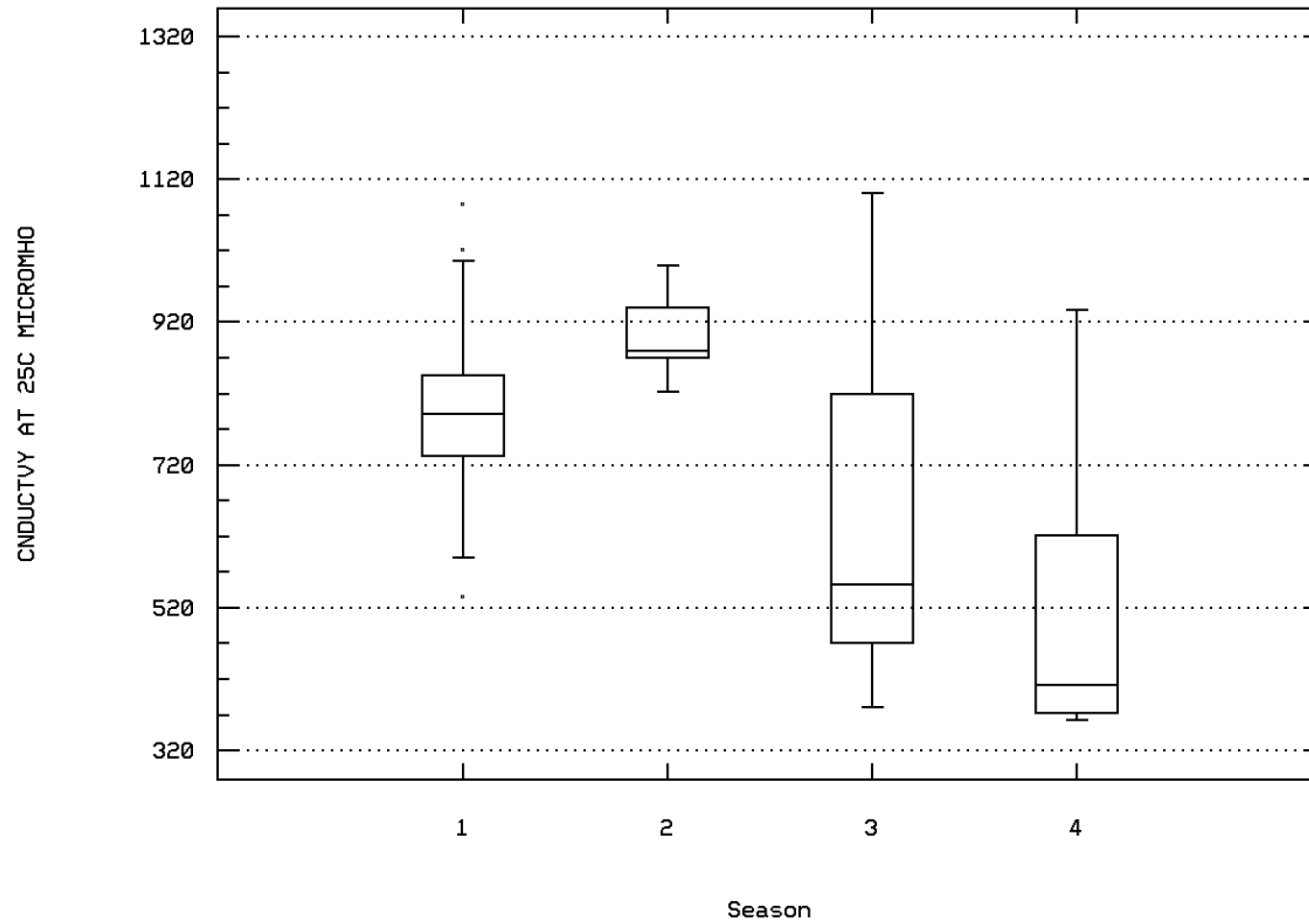
SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @



GREEN R AB CNFL / COLORADO R

Station: CANY0153 Parameter Code: 00095

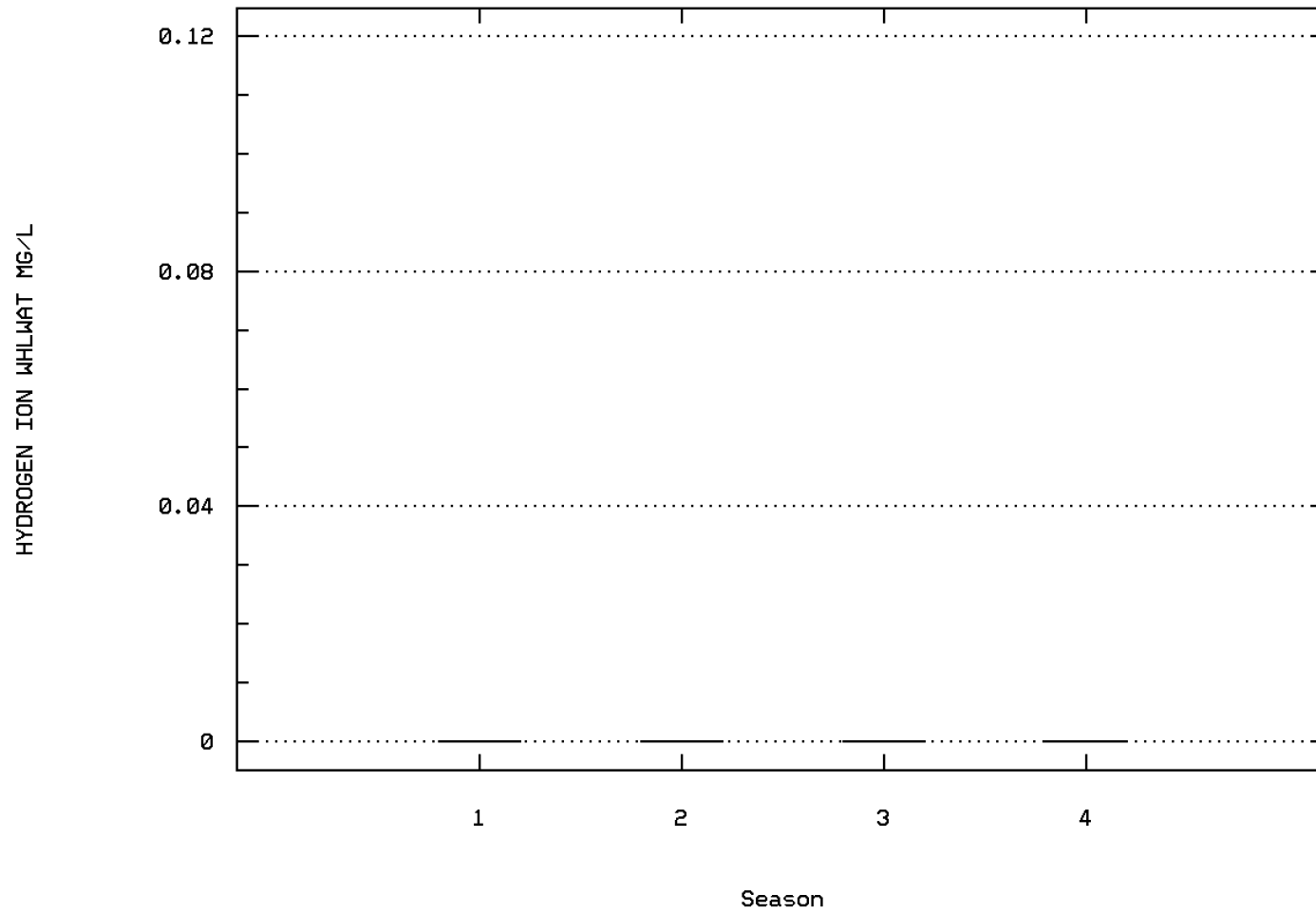
SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)



GREEN R AB CNFL / COLORADO R

Station: CANY0153 Parameter Code: 00191

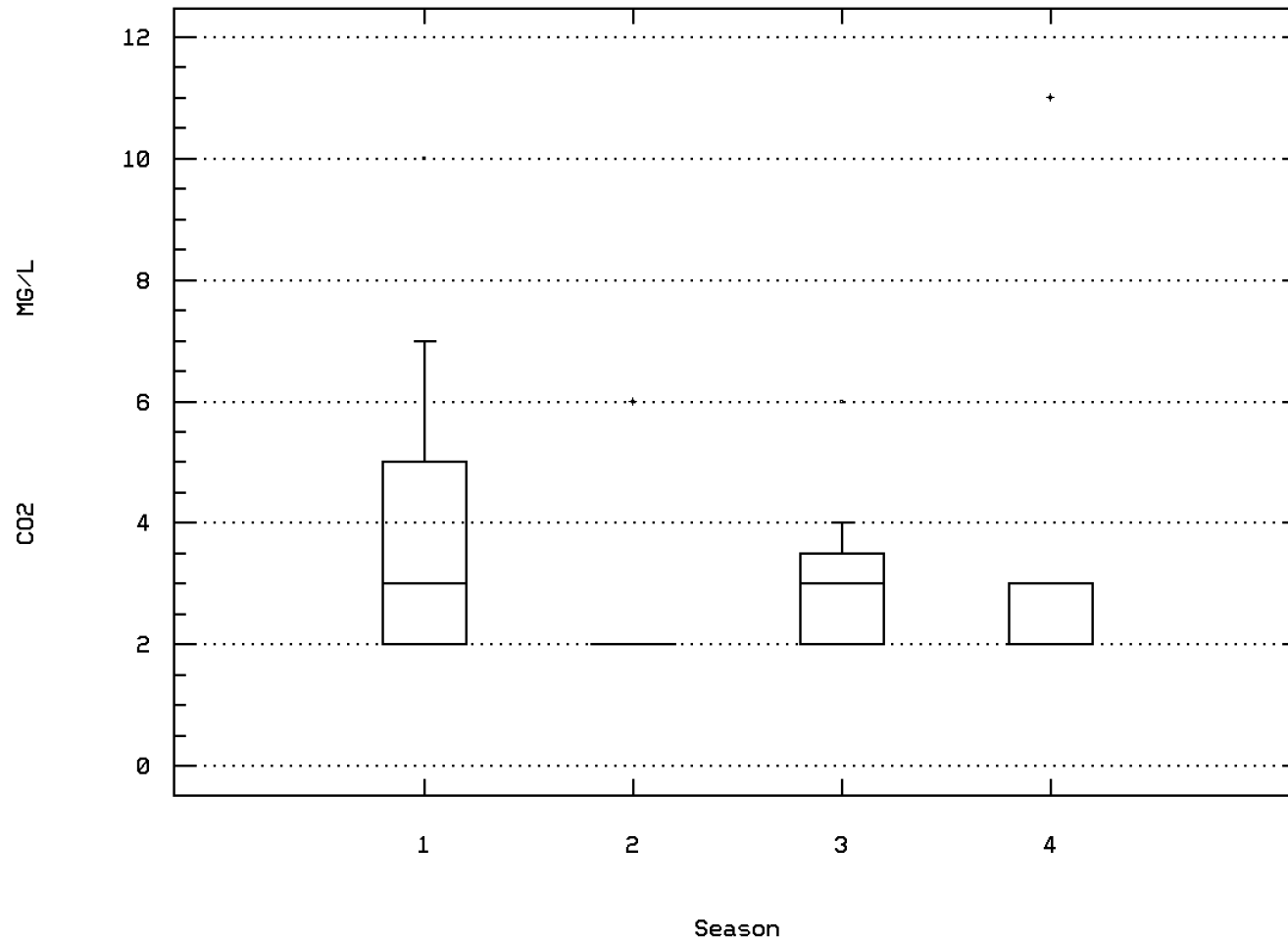
HYDROGEN ION CONCENTRATION IN WHOLE WAT



GREEN R AB CNFL / COLORADO R

Station: CANY0153 Parameter Code: 00405

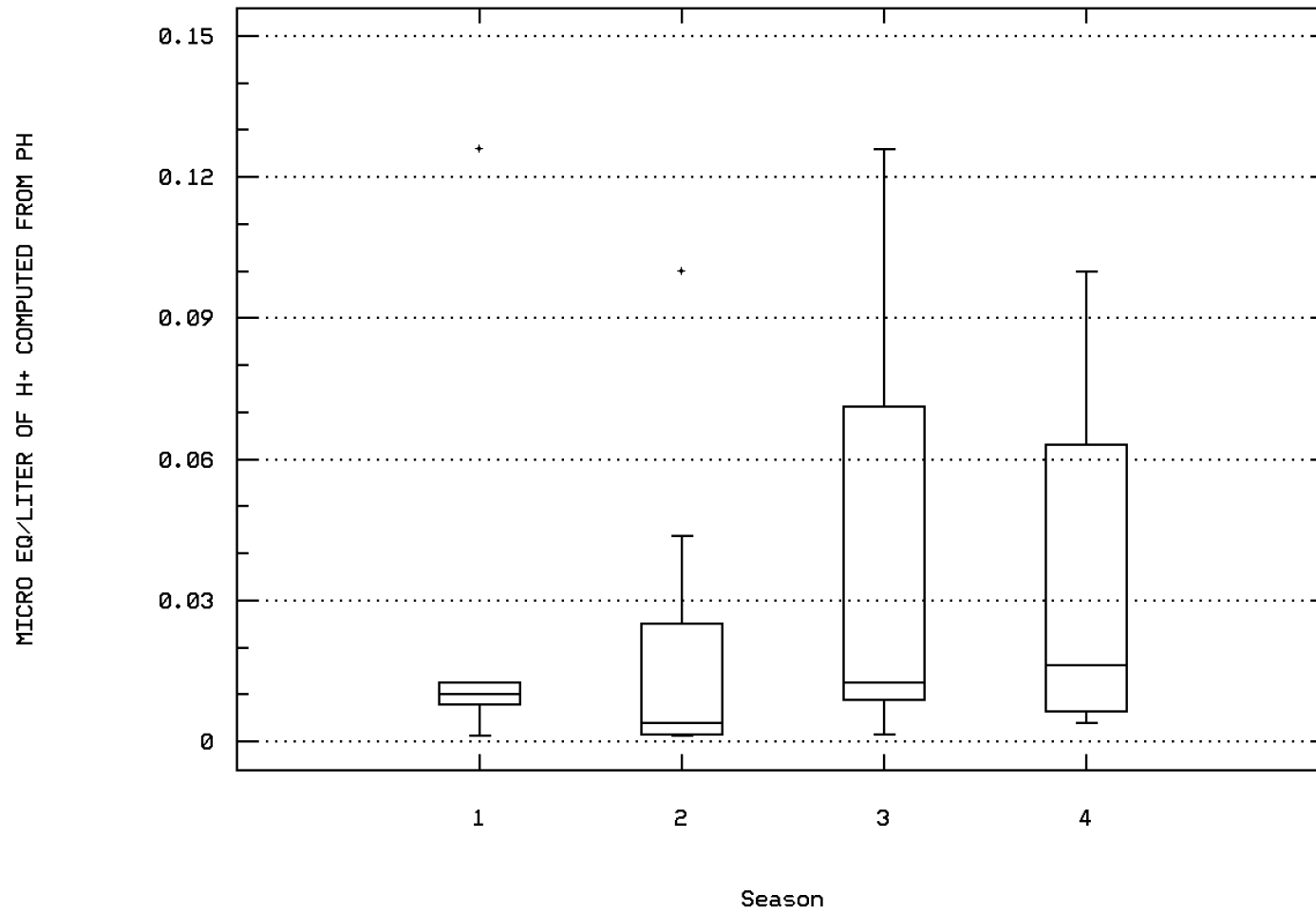
CARBON DIOXIDE (MG/L AS CO2)



GREEN R AB CNFL / COLORADO R

Station: CANY0153 Parameter Code: 00406

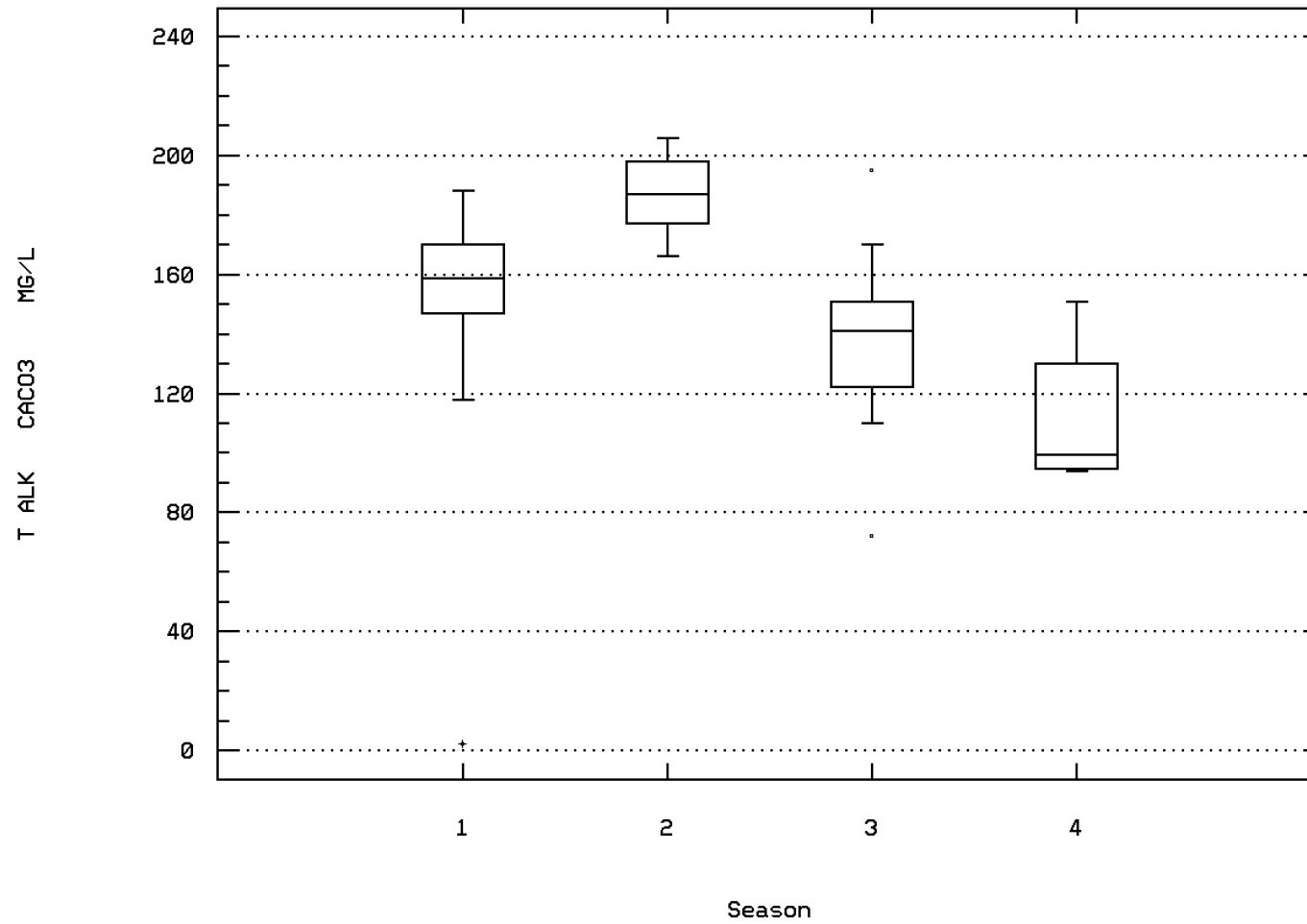
MICRO EQ/LITER OF H+ COMPUTED FROM PH



GREEN R AB CNFL / COLORADO R

Station: CANY0153 Parameter Code: 00410

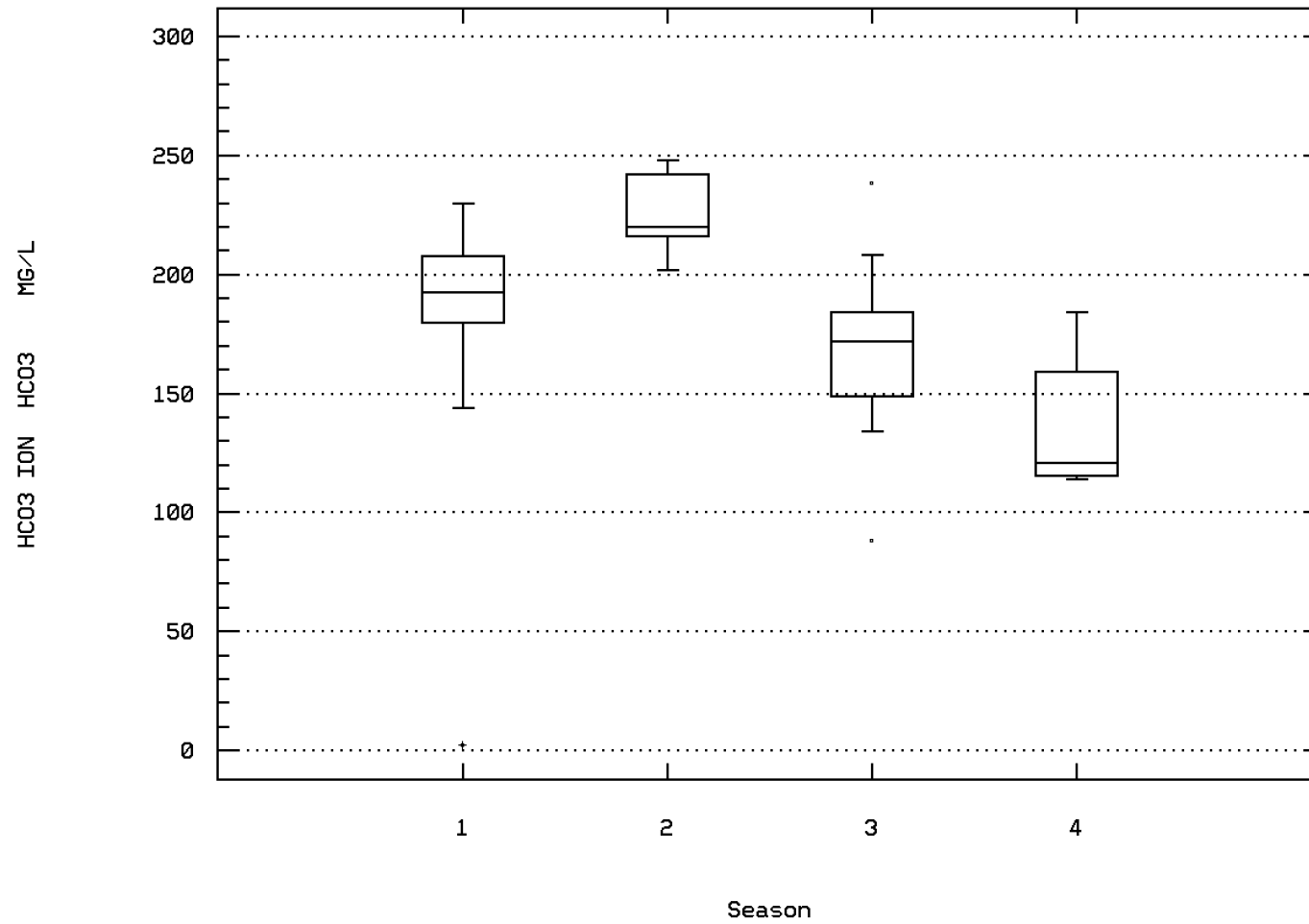
ALKALINITY, TOTAL (MG/L AS CaCO3)



GREEN R AB CNFL / COLORADO R

Station: CANY0153 Parameter Code: 00440

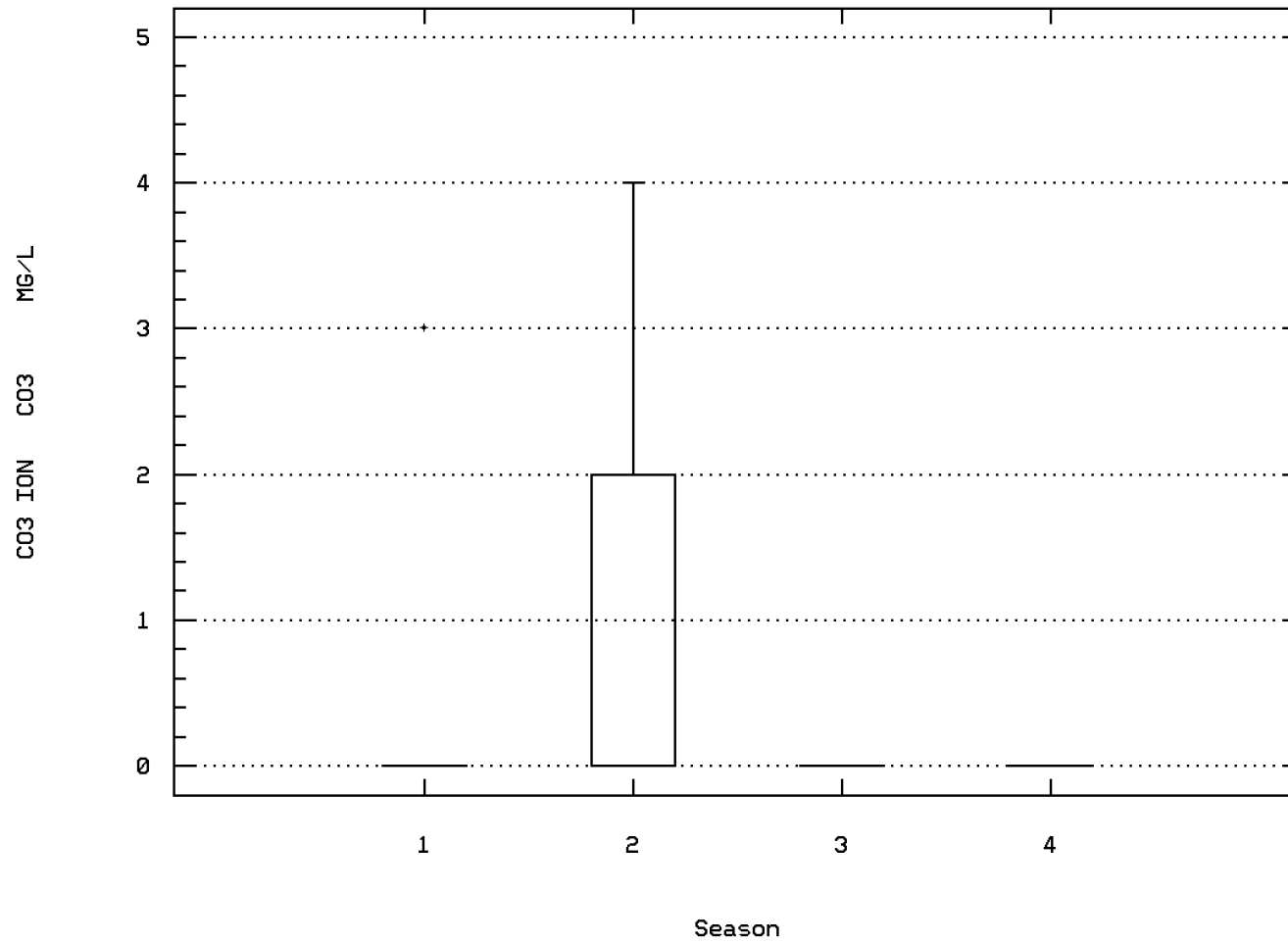
BICARBONATE ION (MG/L AS HCO₃)



GREEN R AB CNFL / COLORADO R

Station: CANY0153 Parameter Code: 00445

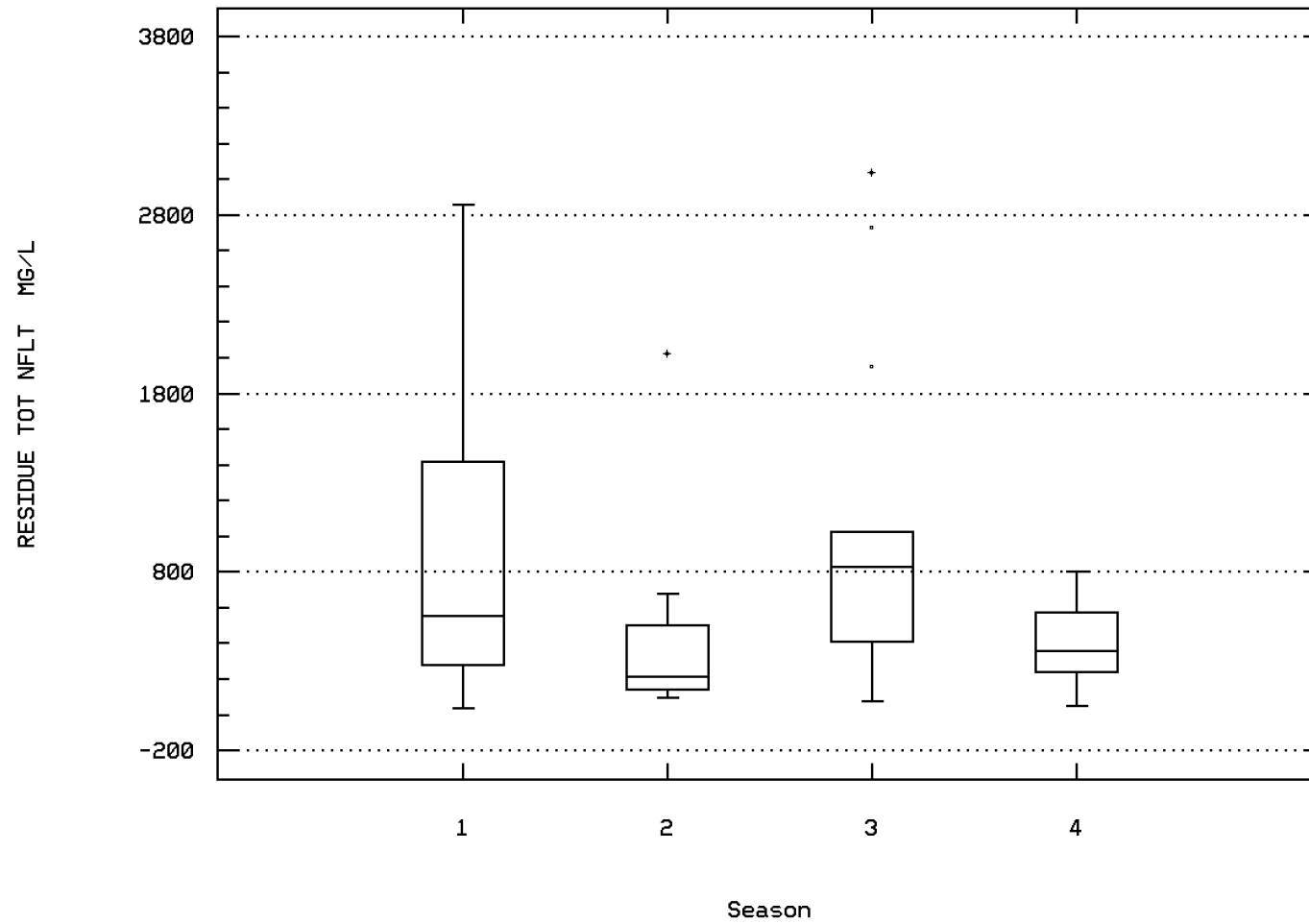
CARBONATE ION (MG/L AS CO3)



GREEN R AB CNFL / COLORADO R

Station: CANY0153 Parameter Code: 00530

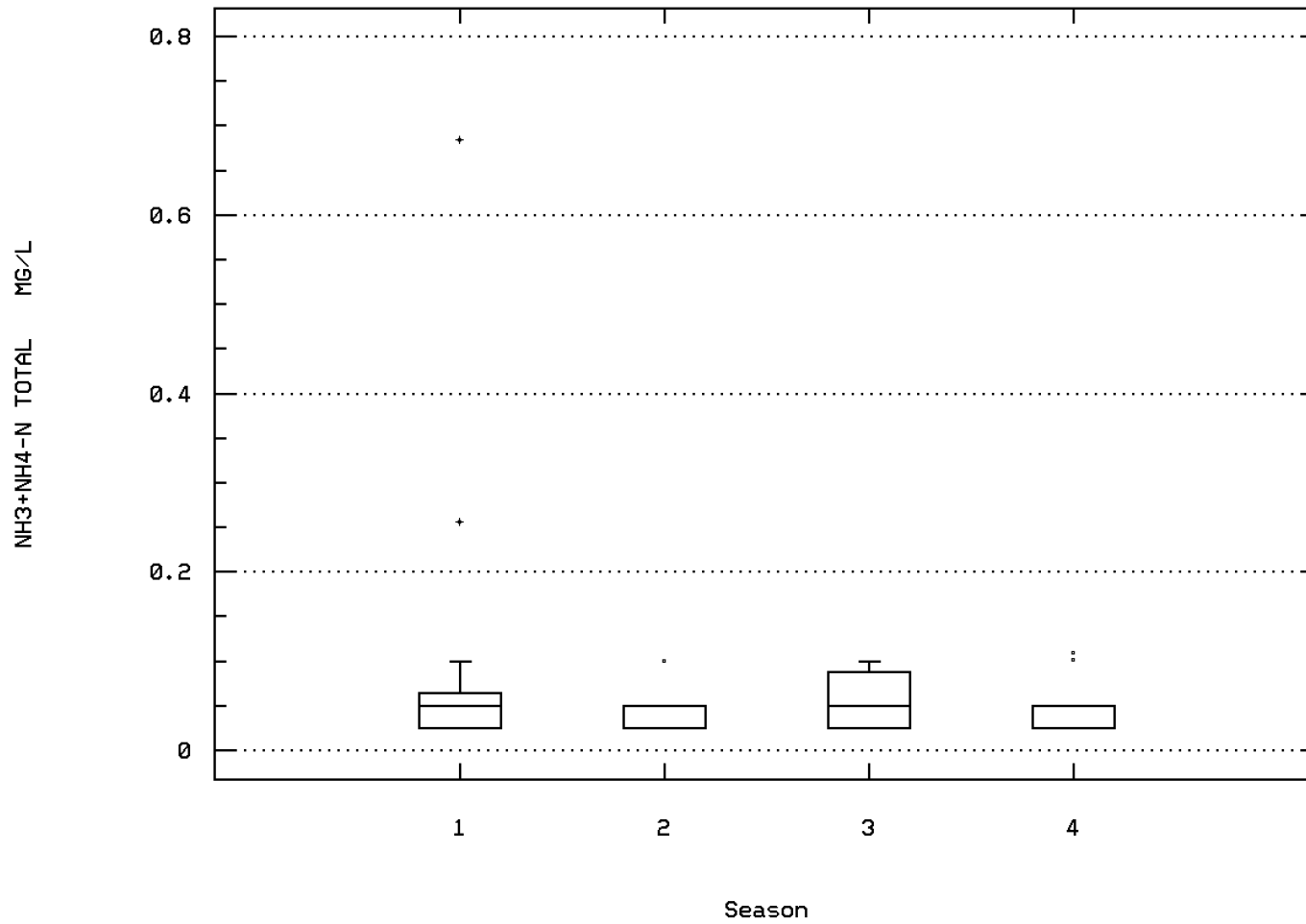
RESIDUE, TOTAL NONFILTRABLE (MG/L)



GREEN R AB CNFL / COLORADO R

Station: CANY0153 Parameter Code: 00610

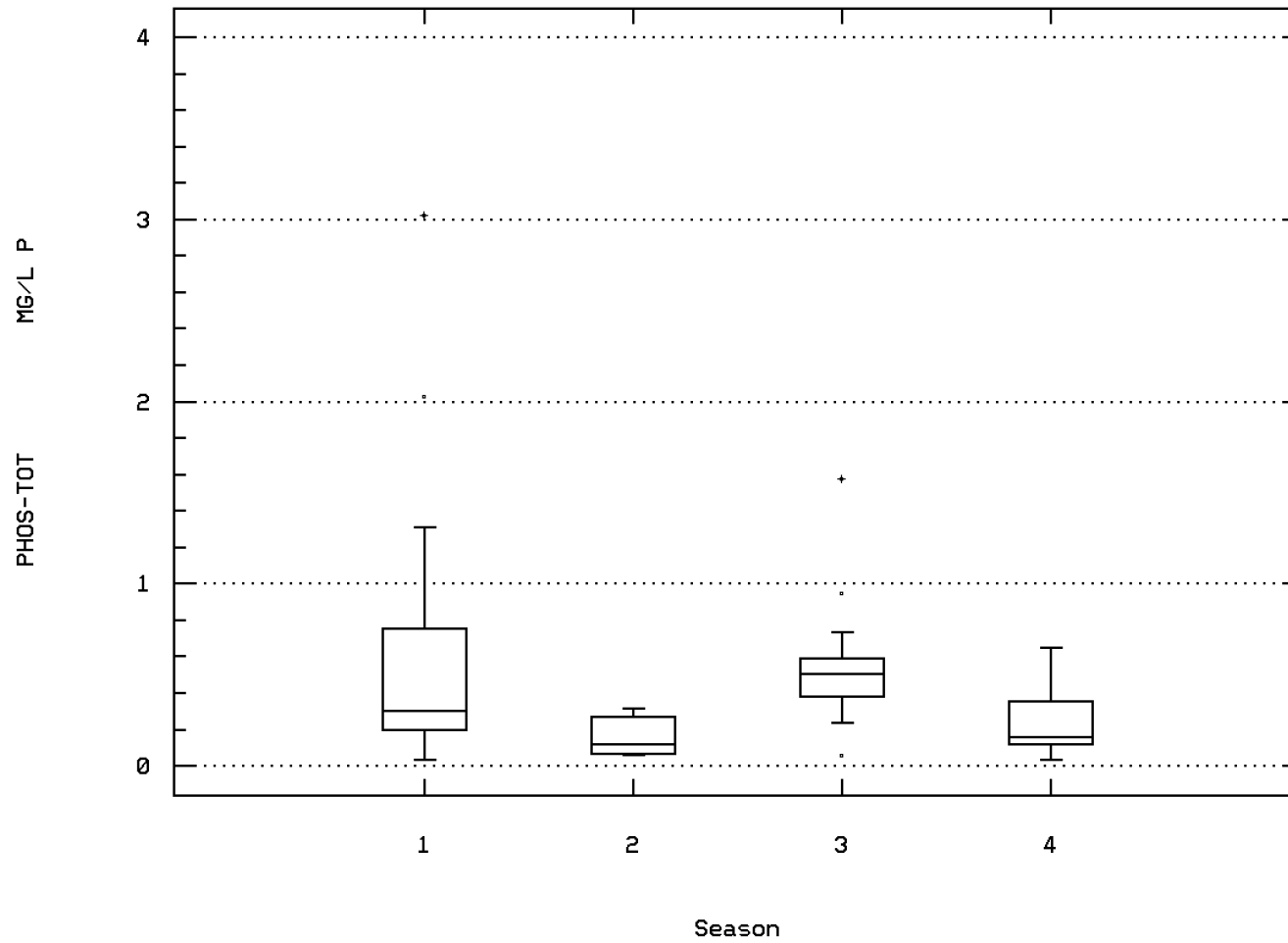
NITROGEN, AMMONIA, TOTAL (MG/L AS N)



GREEN R AB CNFL / COLORADO R

Station: CANY0153 Parameter Code: 00665

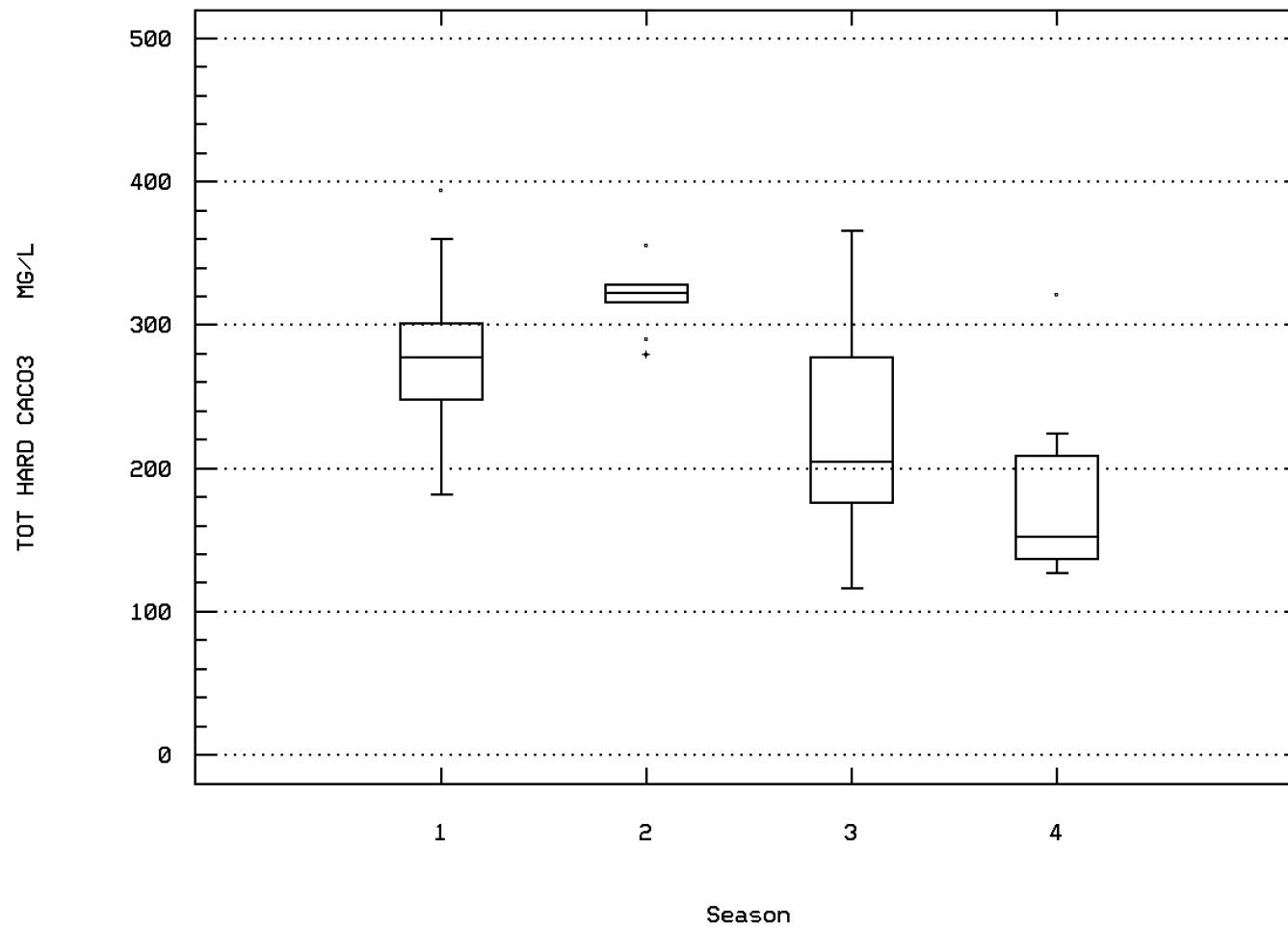
PHOSPHORUS, TOTAL (MG/L AS P)



GREEN R AB CNFL / COLORADO R

Station: CANY0153 Parameter Code: 00900

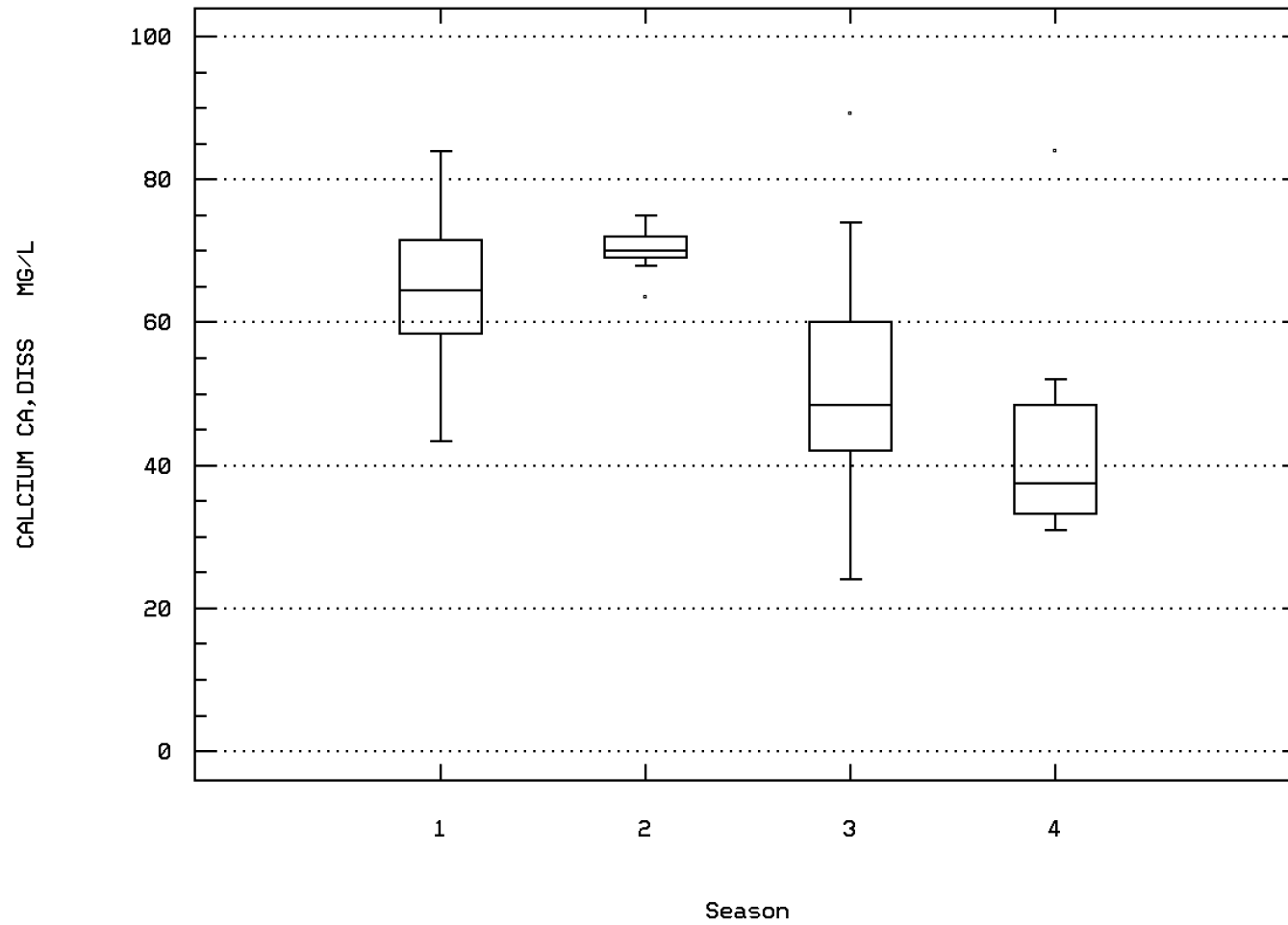
HARDNESS, TOTAL (MG/L AS CaCO3)



GREEN R AB CNFL / COLORADO R

Station: CANY0153 Parameter Code: 00915

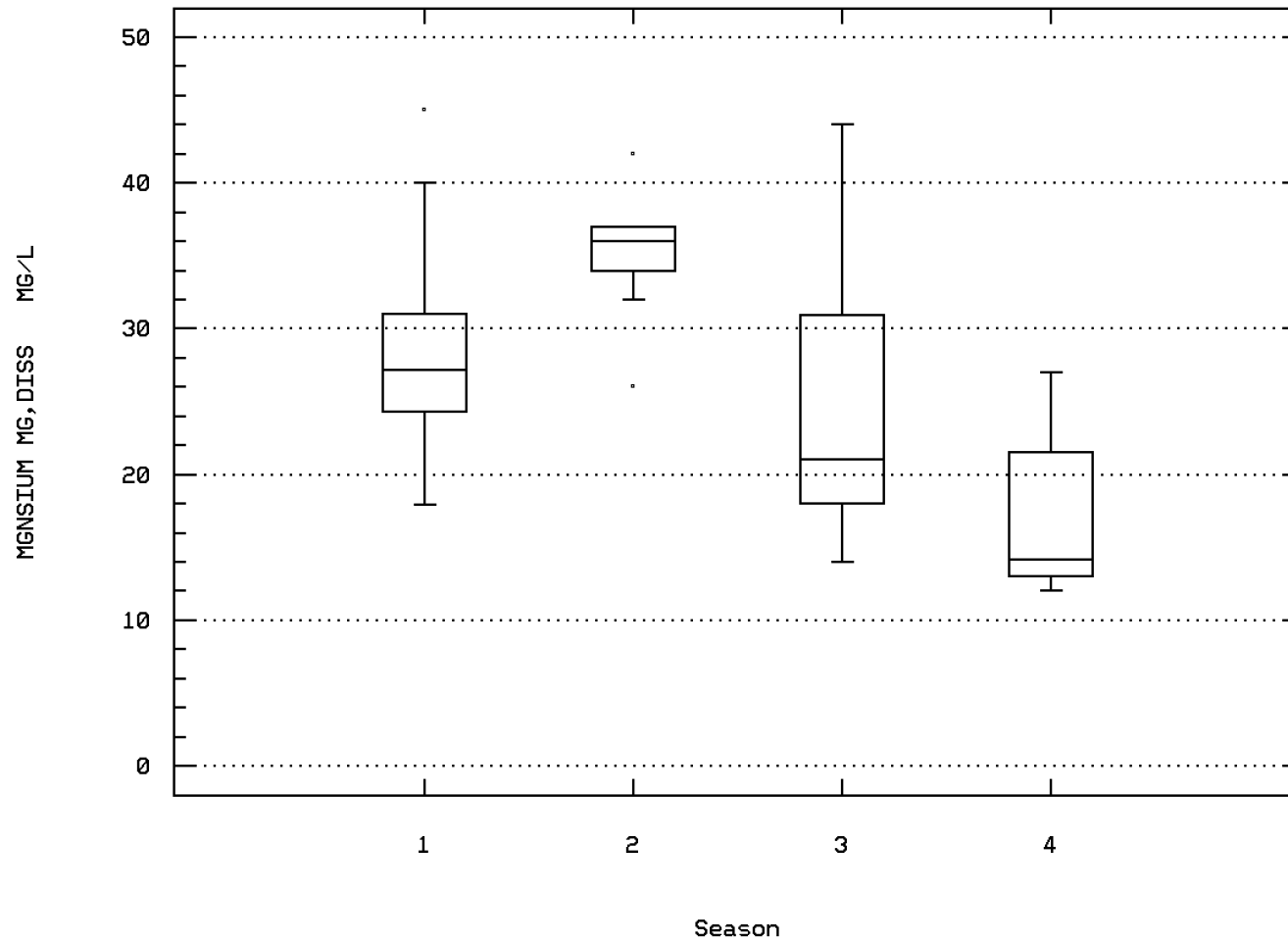
CALCIUM, DISSOLVED (MG/L AS CA)



GREEN R AB CNFL / COLORADO R

Station: CANY0153 Parameter Code: 00925

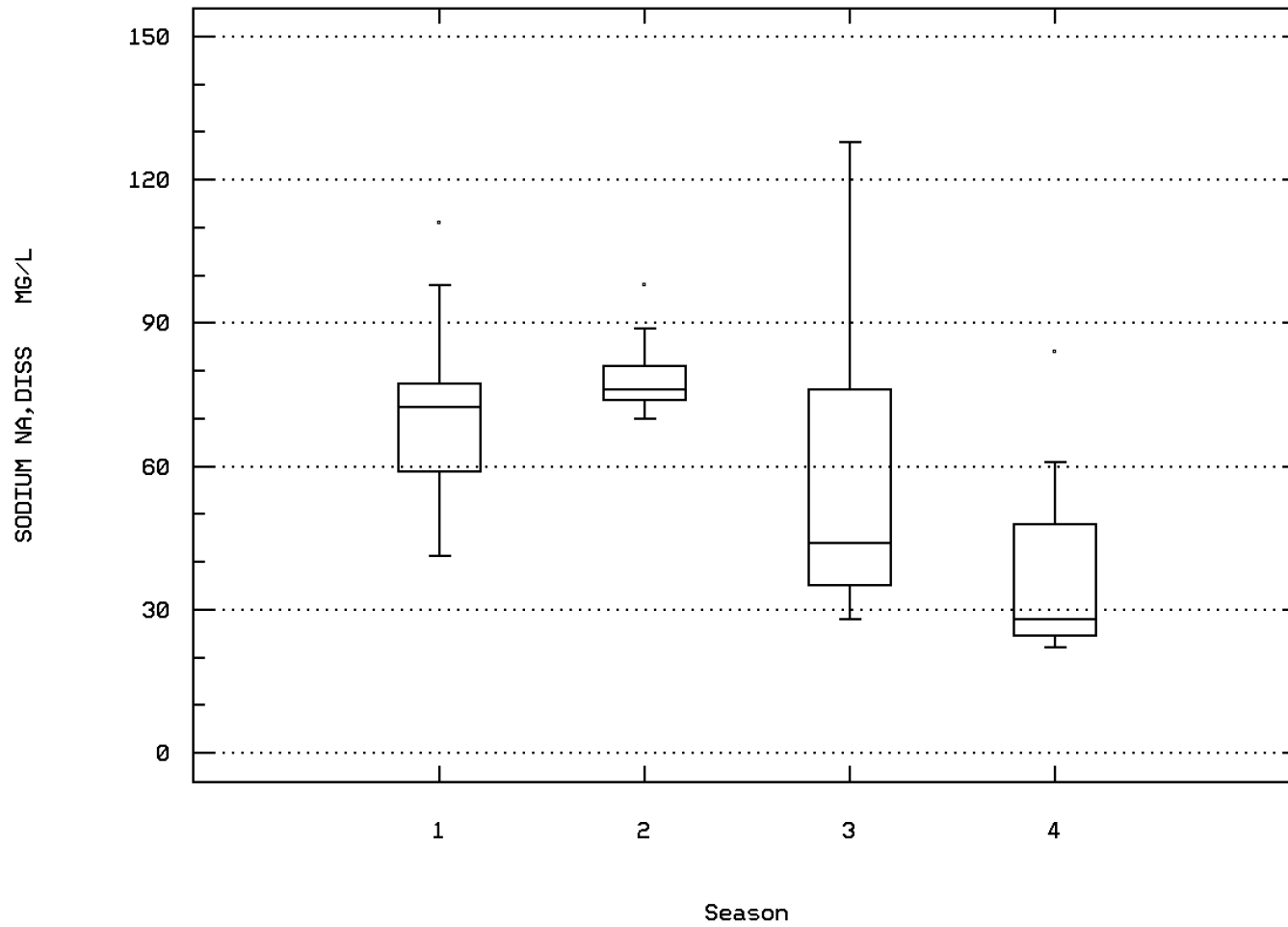
MAGNESIUM, DISSOLVED (MG/L AS MG)



GREEN R AB CNFL / COLORADO R

Station: CANY0153 Parameter Code: 00930

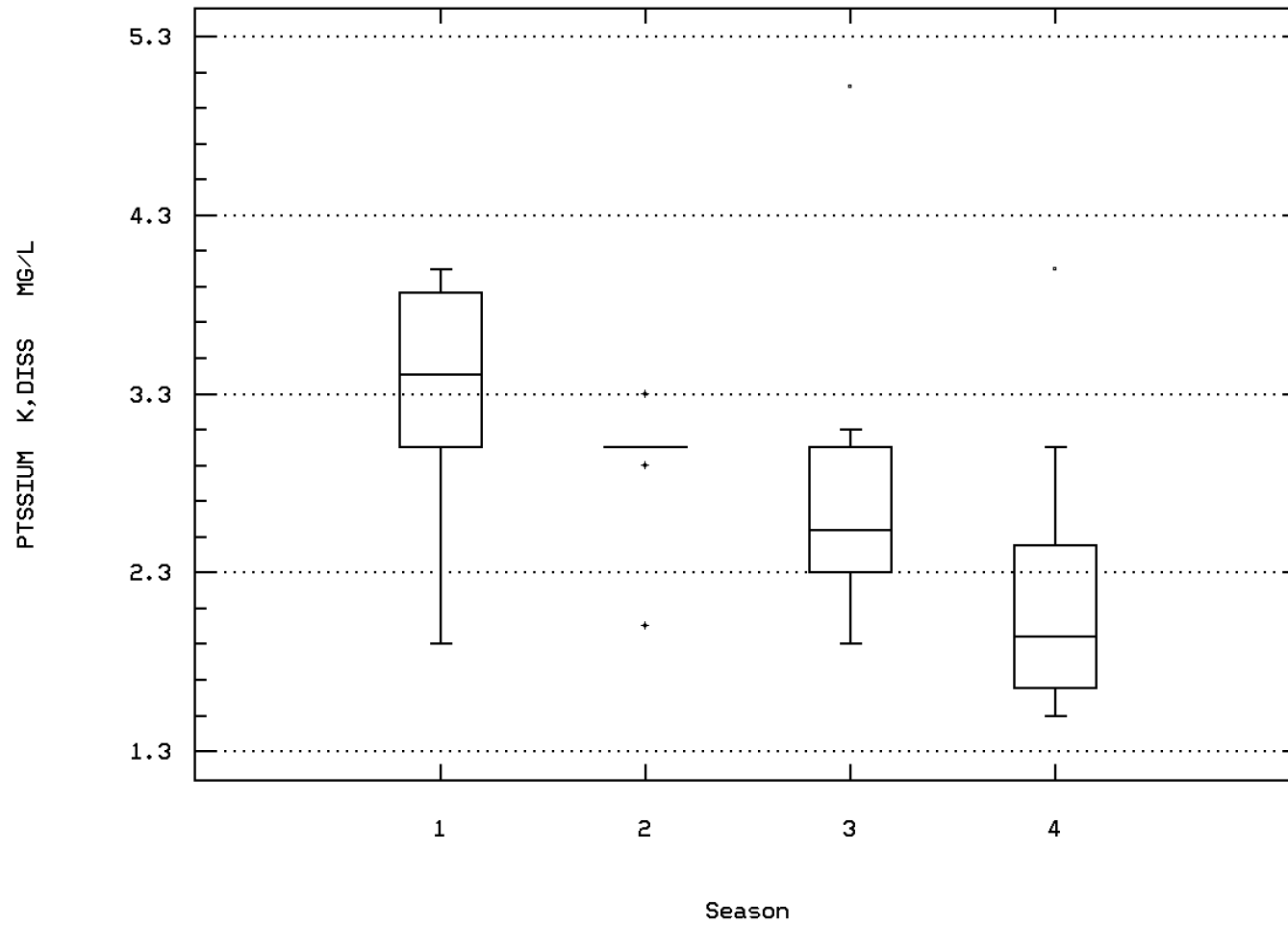
SODIUM, DISSOLVED (MG/L AS NA)



GREEN R AB CNFL / COLORADO R

Station: CANY0153 Parameter Code: 00935

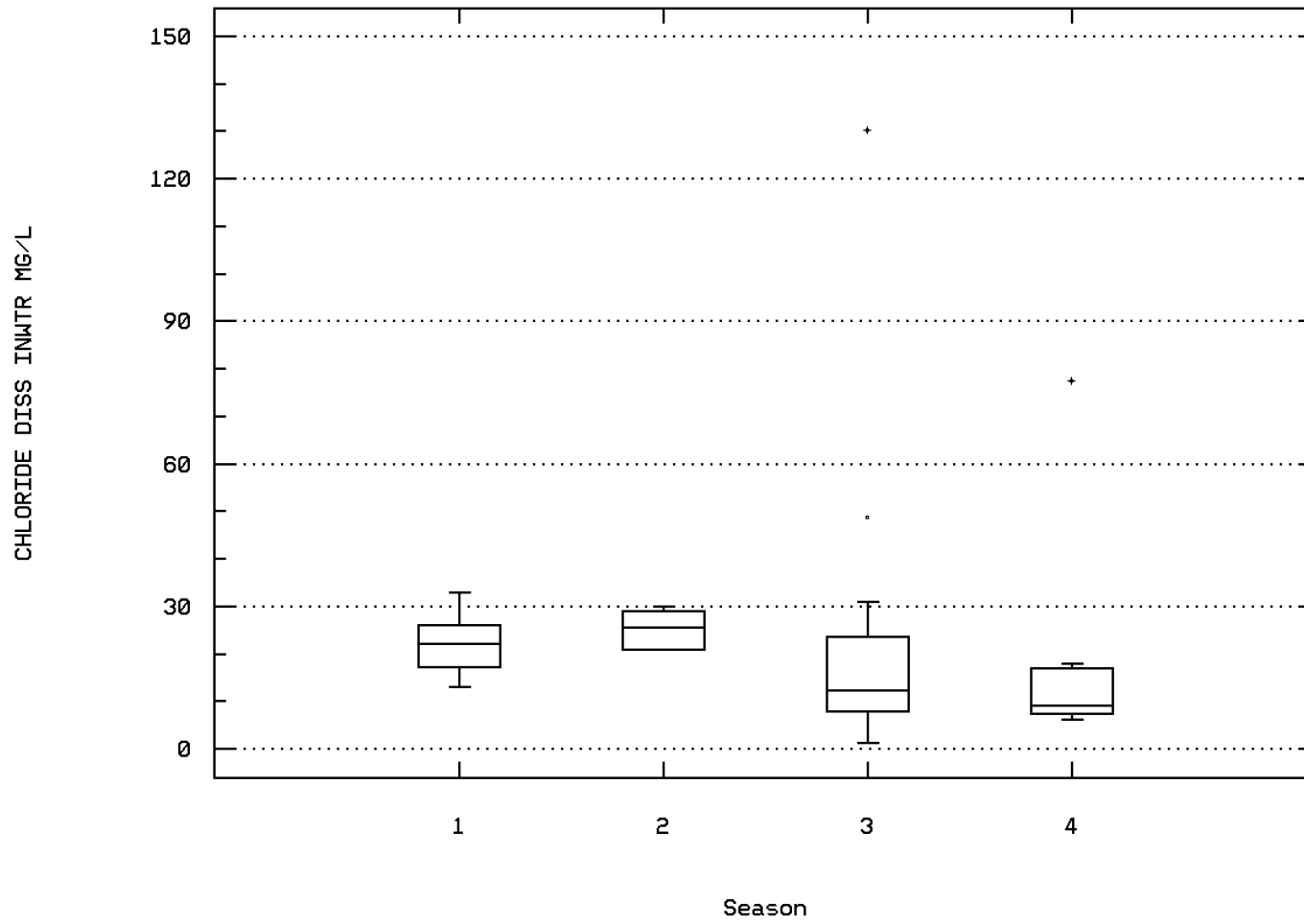
POTASSIUM, DISSOLVED (MG/L AS K)



GREEN R AB CNFL / COLORADO R

Station: CANY0153 Parameter Code: 00941

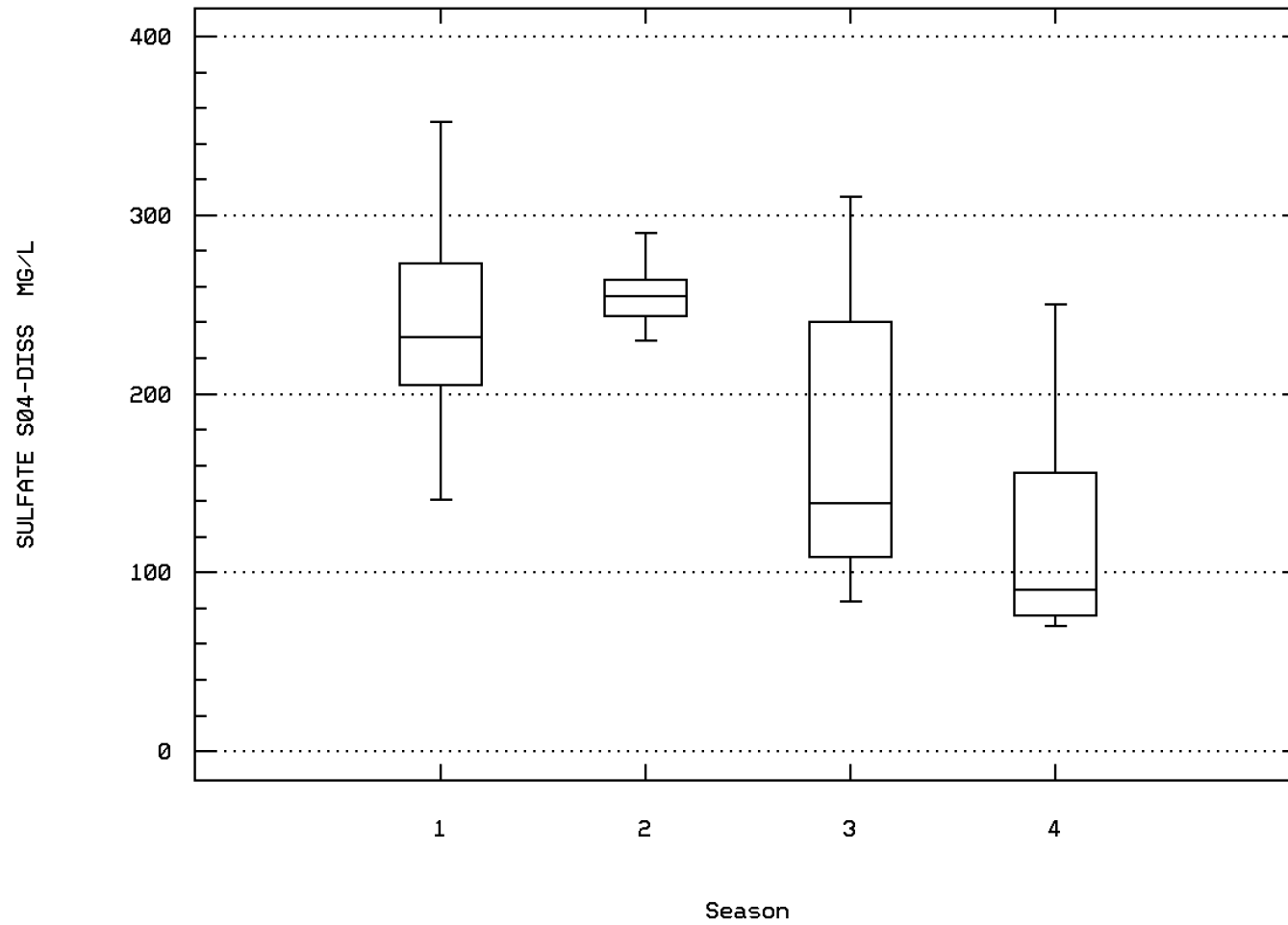
CHLORIDE, DISSOLVED IN WATER



GREEN R AB CNFL / COLORADO R

Station: CANY0153 Parameter Code: 00946

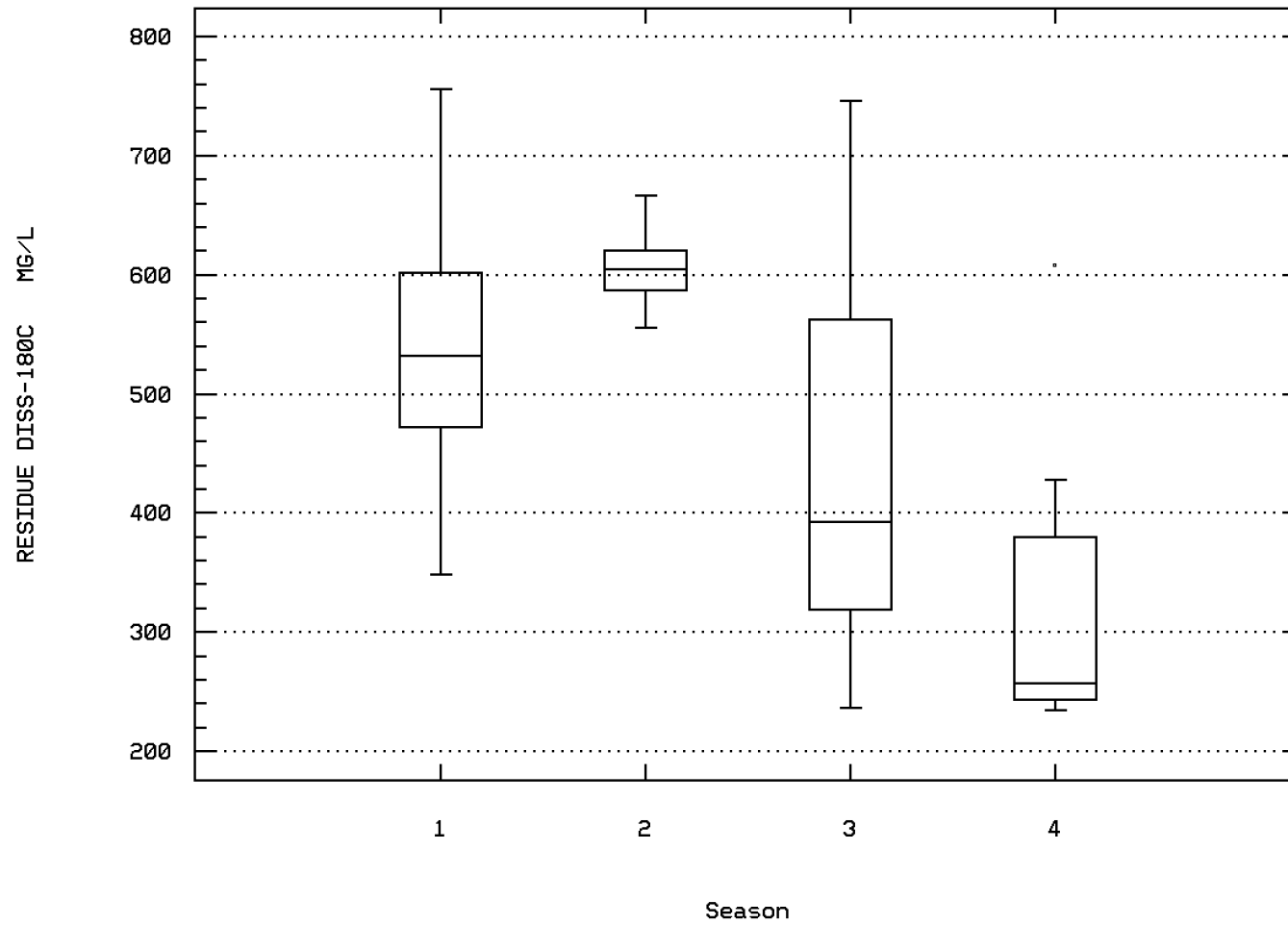
SULFATE, DISSOLVED (MG/L AS S04)



GREEN R AB CNFL / COLORADO R

Station: CANY0153 Parameter Code: 70300

RESIDUE, TOTAL FILTRABLE (DRIED AT 180C)



GREEN R AB CNFL / COLORADO R

Station Inventory for Station: CANY0154

NPS Station ID: CANY0154
 Location: PLUG SPRING 1 MI/NW OF THE PLUG SF-1
 Station Type: /TYPA/AMBNT/SPRING
 RMI-Indexes:
 RMI-Miles:
 HUC: 14060008
 Major Basin:
 Minor Basin:
 RF1 Index:
 RF3 Index: 14060008013500.00
 Description:
 WATER QUALITY STATION IS LOCATED IN CANYONLANDS NP. THIS PARK IS
 SAMPLES WERE COLLECTED BY CANYONLANDS NATIONAL PARK NATURAL RESOURCE
 435-259-3911); ANALYZED BY THE UTAH DEPARTMENT OF HEALTH LABORATORY;
 QUALITY - DIVISION OF WATER QUALITY. DATA COLLECTED AT THE SAME

LAT/LON: 38.191333/-109.997500
 Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 0.86

Agency: 21UTAH
 FIPS State/County: 49055 UTAH/WAYNE
 STORET Station ID(s): 599551
 Within Park Boundary: Yes
 Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.01

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

MANAGED BY THE NATIONAL PARK SERVICE'S SOUTHEAST UTAH GROUP. WATER
 MANAGEMENT STAFF (125 W. 200 S.; MOAB UT 84532; TELEPHONE:
 AND ULOADED INTO STORET BY THE UTAH DEPARTMENT OF ENVIRONMENTAL
 LOCATION PRIOR TO 10/23/1990 CAN BE FOUND AT STATION CANY_NPS_599551.

Parameter Inventory for Station: CANY0154

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/23/90-05/02/92	2	14.95	14.95	22.	7.9	99.405	9.97	**	**	**	**
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/02/92-05/02/92	1	23.	23.	23.	23.	0.	0.	**	**	**	**
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/23/90-05/02/92	3	1.1	2.477	5.7	0.63	7.848	2.801	**	**	**	**
00094 SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/23/90-05/02/92	2	699.5	699.5	759.	640.	7080.5	84.146	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/23/90-05/02/92	3	661.	704.667	792.	661.	5720.333	75.633	**	**	**	**
00191 HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	10/23/90-05/02/92	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	10/23/90-05/02/92	2	5.55	5.55	5.6	5.5	0.005	0.071	**	**	**	**
00400 PH (STANDARD UNITS)	10/23/90-05/02/92	3	8.	7.967	8.	7.9	0.003	0.058	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	10/23/90-05/02/92	3	8.	7.964	8.	7.9	0.003	0.058	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/23/90-05/02/92	3	0.01	0.011	0.013	0.01	0.	0.001	**	**	**	**
00405 CARBON DIOXIDE (MG/L AS CO2)	10/23/90-05/02/92	3	6.	5.667	6.	5.	0.333	0.577	**	**	**	**
00406 PH, FIELD, STANDARD UNITS SU	10/23/90-05/02/92	2	7.05	7.05	7.2	6.9	0.045	0.212	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS	10/23/90-05/02/92	2	7.025	7.025	7.2	6.9	0.046	0.215	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/23/90-05/02/92	2	0.094	0.094	0.126	0.063	0.002	0.044	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	10/23/90-05/02/92	3	337.	318.667	340.	279.	1182.333	34.385	**	**	**	**
00440 BICARBONATE ION (MG/L AS HCO3)	10/23/90-05/02/92	3	411.	388.667	415.	340.	1780.333	42.194	**	**	**	**
00445 CARBONATE ION (MG/L AS CO3)	10/23/90-05/02/92	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/23/90-05/02/92	3	8.	12.	28.	0.	208.	14.422	**	**	**	**
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/23/90-05/02/92	3 ##	0.025	0.053	0.11	0.025	0.002	0.049	**	**	**	**
00613 NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/23/90-10/23/90	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00618 NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/23/90-10/23/90	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/23/90-05/02/92	3 ##	0.05	0.2	0.5	0.05	0.068	0.26	**	**	**	**
00631 NITRITE PLUS NITRATE, DISS. I DET. (MG/L AS N)	05/12/91-05/02/92	2	0.047	0.047	0.07	0.024	0.001	0.033	**	**	**	**
00665 PHOSPHORUS, TOTAL (MG/L AS P)	10/23/90-05/02/92	3	0.012	0.018	0.038	0.005	0.	0.017	**	**	**	**
00666 PHOSPHORUS, DISSOLVED (MG/L AS P)	10/23/90-05/02/92	3 ##	0.005	0.005	0.006	0.005	0.	0.001	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	10/23/90-05/02/92	3	335.2	324.	335.7	301.1	393.37	19.834	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	10/23/90-05/02/92	3	62.	65.	75.	58.	79.	8.888	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	10/23/90-05/02/92	3	38.	39.333	44.	36.	17.333	4.163	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	10/23/90-05/02/92	3	17.	16.333	17.	15.	1.333	1.155	**	**	**	**

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

Parameter Inventory for Station: CANY0154

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/23/90-05/02/92	3	4.6	4.433	4.7	4.	0.143	0.379	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/23/90-05/02/92	3	13.5	13.733	14.2	13.5	0.163	0.404	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	10/23/90-05/02/92	3	35.358	54.453	93.	35.	1114.455	33.383	**	**	**
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	10/23/90-05/02/92	3 ##	2.5	1.833	2.5	0.5	1.333	1.155	**	**	**
61027	ANIONS, SUM, TOTAL IN WATER MG/L	05/02/92-05/02/92	1	251.	251.	251.	251.	0.	0.	**	**	**
61944	CATIONS, SUM, TOTAL IN WATER, MG/L	05/02/92-05/02/92	1	118.	118.	118.	118.	0.	0.	**	**	**
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	10/23/90-05/02/92	3	398.	418.	476.	380.	2604.	51.029	**	**	**
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/23/90-05/02/92	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	10/23/90-05/02/92	3	0.27	0.267	0.27	0.26	0.	0.006	**	**	**
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/23/90-05/02/92	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/23/90-05/02/92	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/23/90-05/02/92	3 ##	10.	10.	10.	10.	0.	0.	**	**	**
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	10/23/90-05/02/92	3	0.11	0.084	0.12	0.021	0.003	0.055	**	**	**
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/23/90-05/02/92	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/23/90-05/02/92	3	36.	36.333	52.	21.	240.333	15.503	**	**	**
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/23/90-05/02/92	3 ##	0.1	0.133	0.2	0.1	0.003	0.058	**	**	**
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/23/90-05/02/92	3 ##	1.	1.	1.	1.	0.	0.	**	**	**
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/23/90-05/02/92	3 ##	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: CANY0154

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	3	0	0.00			1	0	0.00	2	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00			1	0	0.00	1	0	0.00			
00400	PH	Fresh Chronic	9.	3	0	0.00			1	0	0.00	2	0	0.00			
00406	PH, FIELD	Other-Lo Lim.	6.5	3	0	0.00			1	0	0.00	2	0	0.00			
		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			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1	0	0.00			1	0	0.00						
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00			1	0	0.00						
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	2	0	0.00						2	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	3	0	0.00			1	0	0.00	2	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	3	0	0.00			1	0	0.00	2	0	0.00			
		Drinking Water	250.	3	0	0.00			1	0	0.00	2	0	0.00			
		Fresh Acute	20.	3	0	0.00			1	0	0.00	2	0	0.00			
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE	Drinking Water	50.	3	0	0.00			1	0	0.00	2	0	0.00			
		Fresh Acute	360.	3	0	0.00			1	0	0.00	2	0	0.00			
		Drinking Water	50.	3	0	0.00			1	0	0.00	2	0	0.00			
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	360.	3	0	0.00			1	0	0.00	2	0	0.00			
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER	Drinking Water	50.	3	0	0.00			1	0	0.00	2	0	0.00			
		Drinking Water	2.	3	0	0.00			1	0	0.00	2	0	0.00			
		Fresh Acute	3.9	3	0	0.00			1	0	0.00	2	0	0.00			
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATE	Drinking Water	5.	3	0	0.00			1	0	0.00	2	0	0.00			
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WAT	Drinking Water	100.	3	0	0.00			1	0	0.00	2	0	0.00			
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	18.	3	0	0.00			1	0	0.00	2	0	0.00			
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER	Drinking Water	1300.	3	0	0.00			1	0	0.00	2	0	0.00			
		Fresh Acute	82.	3	0	0.00			1	0	0.00	2	0	0.00			
		Drinking Water	15.	3	0	0.00			1	0	0.00	2	0	0.00			
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	2.4	3	0	0.00			1	0	0.00	2	0	0.00			
		Drinking Water	2.	3	0	0.00			1	0	0.00	2	0	0.00			
		Fresh Acute	4.1	3	0	0.00			1	0	0.00	2	0	0.00			
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER	Drinking Water	100.	3	0	0.00			1	0	0.00	2	0	0.00			
		Fresh Acute	120.	3	0	0.00			1	0	0.00	2	0	0.00			
		Drinking Water	5000.	3	0	0.00			1	0	0.00	2	0	0.00			
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	120.	3	0	0.00			1	0	0.00	2	0	0.00			
		Drinking Water	5000.	3	0	0.00			1	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: CANY0155

NPS Station ID: CANY0155

Location: COLORADO RIVER AT CONFLUENCE WITH GREEN RIVER

Station Type: /TYPA/AMBNT/STREAM

RMI-Indexes:

RMI-Miles:

HUC: 14070001

Major Basin: COLORADO RIVER

Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER

RF1 Index: 14070001

RF3 Index: 14070004002901.17

Description:

LAT/LON: 38.192500/-109.883893

Depth of Water: 0

Elevation: 3920

RF1 Mile Point: 0.000

RF3 Mile Point: 2.36

Agency: 11NPSWRD

FIPS State/County: 49037 UTAH/SAN JUAN

STORET Station ID(s): CANY_BLM_CRCN

Within Park Boundary: Yes

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 0.80

Distance from RF3: 0.11

Date Created: 08/07/99

On/Off RF1:

On/Off RF3:

Parameter Inventory for Station: CANY0155

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/01/83-09/01/83	1	24.5	24.5	24.5	24.5	0.	0.	**	**	**
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	09/01/83-09/01/83	1	1000.	1000.	1000.	1000.	0.	0.	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/01/83-09/01/83	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	09/01/83-09/01/83	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	09/01/83-09/01/83	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/01/83-09/01/83	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	09/01/83-09/01/83	1	120.	120.	120.	120.	0.	0.	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/01/83-09/01/83	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	09/01/83-09/01/83	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	09/01/83-09/01/83	1	390.	390.	390.	390.	0.	0.	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/01/83-09/01/83	1	270.	270.	270.	270.	0.	0.	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0155

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						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: CANY0155

Parameter	Std. Type	Std. Value	Total	Exceed	Prop.	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
			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								
		Drinking Water	10.	1	0	0.00	1	0	0.00								
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00	1	0	0.00								
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	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: CANY0156

NPS Station ID: CANY0156
 Location: COLORADO R AB CNFL / GREEN R
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 14030005
 Major Basin:
 Minor Basin:
 RF1 Index:
 RF3 Index: 14070001003600.38

LAT/LON: 38.192500/-109.883888

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 0.69

Agency: 21UTAH
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): 495240
 Within Park Boundary: Yes

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.04

On/Off RF1:
 On/Off RF3:

Description:
 WATER SAMPLES WERE COLLECTED BY CANYONLANDS NATIONAL PARK
 435-259-3911); ANALYZED BY THE UTAH DEPARTMENT OF HEALTH
 ENVIRONMENTAL QUALITY - DIVISION OF WATER QUALITY.

NATURAL RESOURCE MANAGEMENT STAFF (125 W. 200 S.; MOAB UT 84532;
 LABORATORY; AND UPLOADED INTO STORET BY THE UTAH DEPARTMENT OF

Parameter Inventory for Station: CANY0156

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/21/83-08/04/99	53	17.9	16.833	27.3	0.1	47.307	6.878	7.64	12.48	23.2	25.46
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/29/93-08/04/99	24	31.6	29.264	40.	7.2	62.724	7.92	16.8	24.258	35.	37.5
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/01/84-06/16/99	11	10000.	12731.818	28000.	3900.	54133136.364	7357.522	4400.	7650.	15600.	27000.
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/04/83-08/04/99	59	102.	188.549	702.	13.	27858.248	166.908	21.1	59.	325.	445.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/21/83-06/16/99	50	864.	821.84	1490.	127.	110371.525	332.222	392.7	476.5	1087.25	1227.7
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/04/83-08/04/99	59	833.	842.169	1499.	331.	105786.798	325.249	409.	520.	1116.	1332.
00191p	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	01/15/85-08/04/99	52	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00300p	OXYGEN, DISSOLVED MG/L	08/01/84-04/13/99	41	8.2	8.662	16.5	3.8	4.939	2.222	6.404	7.3	9.45	11.66
00335	COD, .025N K2CR2O7 MG/L	05/04/83-07/10/90	24 ##	7.	12.583	74.	5.	202.775	14.24	5.	5.	15.75	21.
00400p	PH (STANDARD UNITS)	07/08/86-08/04/99	46	8.06	8.041	8.53	7.3	0.071	0.267	7.7	7.8	8.21	8.406
00400p	CONVERTED PH (STANDARD UNITS)	07/08/86-08/04/99	46	8.06	7.956	8.53	7.3	0.079	0.281	7.7	7.8	8.21	8.406
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/08/86-08/04/99	46	0.009	0.011	0.05	0.003	0.	0.008	0.004	0.006	0.016	0.02
00405p	CARBON DIOXIDE (MG/L AS CO2)	05/04/83-08/04/99	59	2.	2.576	8.	1.	3.317	1.821	1.	1.	3.	5.
00406p	PH, FIELD, STANDARD UNITS SU	08/01/84-08/04/99	47	7.85	7.78	9.	6.6	0.282	0.531	6.964	7.4	8.1	8.5
00406p	CONVERTED PH, FIELD, STANDARD UNITS	08/01/84-08/04/99	47	7.85	7.465	9.	6.6	0.384	0.62	6.964	7.4	8.1	8.5
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/01/84-08/04/99	47	0.014	0.034	0.251	0.001	0.002	0.049	0.003	0.008	0.04	0.109
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	05/04/83-08/04/99	59	132.	128.949	179.	78.	594.635	24.385	91.	111.	147.	164.
00440p	BICARBONATE ION (MG/L AS HCO3)	05/04/83-08/04/99	59	162.	157.322	218.	95.	879.808	29.662	112.	136.	180.	200.
00445p	CARBONATE ION (MG/L AS CO3)	01/15/85-08/04/99	52	0.	0.058	3.	0.	0.173	0.416	0.	0.	0.	0.
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/21/83-08/04/99	58	313.	712.686	9999.	39.	1875760.732	1369.584	78.8	176.	799.025	1293.8
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/04/83-05/29/99	56 ##	0.038	0.05	0.24	0.025	0.001	0.037	0.025	0.025	0.063	0.1
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	05/04/83-07/10/90	20 ##	0.005	0.006	0.01	0.005	0.	0.002	0.005	0.005	0.005	0.01
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/04/83-07/10/90	20	0.48	0.512	0.97	0.11	0.047	0.217	0.28	0.345	0.66	0.862
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/04/83-05/09/97	46	0.51	0.796	3.4	0.05	0.603	0.777	0.16	0.393	0.9	1.869
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/04/83-08/04/99	7	0.62	0.593	0.87	0.23	0.05	0.223	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/17/91-06/16/99	32	0.4	0.485	1.01	0.133	0.053	0.23	0.239	0.303	0.658	0.862
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	05/04/83-08/04/99	55	0.18	0.287	1.65	0.04	0.098	0.314	0.062	0.1	0.38	0.553
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/17/91-06/16/99	29	0.01	0.017	0.102	0.005	0.	0.021	0.005	0.005	0.021	0.03
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/04/83-07/10/90	23	3.5	7.448	35.7	1.8	72.165	8.495	2.02	2.8	10.5	20.88
00900p	HARDNESS, TOTAL (MG/L AS CaCO3)	05/04/83-08/04/99	59	283.1	283.185	501.3	123.1	10650.613	103.202	157.5	185.	379.2	426.7
00915p	CALCIUM, DISSOLVED (MG/L AS Ca)	05/04/83-08/04/99	59	69.	74.6	130.	35.	691.033	26.288	41.	50.	98.4	110.

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

Parameter Inventory for Station: CANY0156

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/04/83-08/04/99	59	25.	23.631	44.	8.7	91.656	9.574	11.	14.5	32.	35.3
00930p	SODIUM, DISSOLVED (MG/L AS NA)	05/04/83-08/04/99	59	68.	70.925	160.	18.	1231.24	35.089	24.	38.	100.	110.
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	05/04/83-08/04/99	59	3.78	3.554	6.4	1.6	1.413	1.189	1.9	2.64	4.2	5.
00941p	CHLORIDE, DISSOLVED IN WATER MG/L	05/04/83-08/04/99	59	57.	64.075	171.5	2.1	1539.225	39.233	19.5	24.5	98.9	111.
00946p	SULFATE, DISSOLVED (MG/L AS SO4)	05/04/83-08/04/99	59	209.	209.477	460.	58.26	11253.028	106.08	69.3	118.57	289.14	335.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/04/83-05/04/83	1	0.19	0.19	0.19	0.19	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SiO2)	05/04/83-05/04/83	1	11.	11.	11.	11.	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/08/92-08/04/99	29 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
01005	BARIUM, DISSOLVED (UG/L AS BA)	10/08/92-08/04/99	29	77.	76.421	120.	41.	449.032	21.19	50.	59.	91.	110.
01020	BORON, DISSOLVED (UG/L AS B)	05/04/83-05/04/83	1	84.	84.	84.	84.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/08/92-08/04/99	29 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/08/92-08/04/99	29 ##	2.5	2.659	7.1	2.5	0.73	0.854	2.5	2.5	2.5	2.5
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	05/04/83-05/04/83	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	10/08/92-08/04/99	29 ##	6.	7.138	15.	6.	4.98	2.232	6.	6.	8.	10.
01046	IRON, DISSOLVED (UG/L AS FE)	10/08/92-08/04/99	29 ##	15.	34.79	190.	10.	1870.495	43.249	10.	10.	38.85	99.1
01049	LEAD, DISSOLVED (UG/L AS PB)	10/08/92-08/04/99	29 ##	1.5	1.534	2.5	1.5	0.034	0.186	1.5	1.5	1.5	1.5
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/08/92-08/04/99	29 ##	2.5	4.624	26.	2.5	22.122	4.703	2.5	2.5	5.15	9.3
01075	SILVER, DISSOLVED (UG/L AS AG)	10/08/92-08/04/99	29 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
01090	ZINC, DISSOLVED (UG/L AS ZN)	10/08/92-08/04/99	29 ##	15.	18.103	110.	10.	313.239	17.699	15.	15.	15.	15.
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	10/21/94-08/04/99	23	40.	71.217	290.	15.	6039.178	77.712	15.	15.	97.	226.
01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/08/92-08/04/99	29	3.	2.921	5.6	0.5	2.729	1.652	1.	1.5	4.65	5.
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	05/04/83-05/15/93	28 ##	0.25	0.536	2.5	0.25	0.503	0.709	0.25	0.25	0.25	2.5
01501	ALPHA, TOTAL	01/11/84-07/10/90	21	10.	16.095	74.	3.	385.59	19.636	3.2	7.	16.5	62.
03501	BETA, TOTAL	01/11/84-07/10/90	20	15.	25.625	99.	2.5	657.549	25.643	5.	5.25	44.75	63.6
07000	TRITIUM (1H3),TOTAL (PICOCURIES/LITER)	08/04/86-08/04/86	1	1.	1.	1.	1.	0.	0.	**	**	**	**
09501	RADIUM 226, TOTAL	01/11/84-07/10/90	17 ##	0.25	0.591	2.	0.05	0.254	0.504	0.21	0.25	1.	1.2
38442	DICAMBA (BANVEL) WATER,DISSUG/L	07/10/90-07/10/90	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
61027	ANIONS, SUM, TOTAL IN WATER MG/L	07/18/91-08/04/99	34	314.	330.794	645.	120.	25580.35	159.939	134.5	167.75	471.25	556.5
61944	CATIONS, SUM, TOTAL IN WATER, MG/L	07/18/91-08/04/99	34	153.5	161.912	276.	63.	5102.143	71.429	73.	89.	236.	262.
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/04/83-08/04/99	59	544.	555.661	1074.	204.	51487.78	226.909	272.	354.	746.	886.
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/04/83-07/10/90	21	0.077	0.133	0.488	0.003	0.021	0.145	0.008	0.03	0.17	0.4
71890	MERCURY, DISSOLVED (UG/L AS HG)	10/08/92-08/04/99	29 ##	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/04/83-05/15/93	28	2.5	2.396	5.5	0.25	1.551	1.246	0.925	1.525	2.875	4.55
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	05/04/83-05/15/93	28	0.096	0.099	0.21	0.025	0.003	0.053	0.025	0.055	0.12	0.191
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/04/83-05/15/93	28 ##	0.5	0.696	3.	0.5	0.247	0.497	0.5	0.5	0.875	1.
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/04/83-05/15/93	28 ##	2.5	4.214	20.	2.5	15.897	3.987	2.5	2.5	2.5	10.
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/04/83-05/15/93	28 ##	10.	12.679	25.	5.	32.374	5.69	10.	10.	13.75	25.
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	05/04/83-05/15/93	28	2.05	3.502	11.79	0.015	9.503	3.083	0.379	1.338	5.75	8.136
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/04/83-05/15/93	28 ##	2.5	7.964	33.	1.5	79.925	8.94	2.5	2.5	11.5	26.3
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/04/83-05/15/93	28	110.	226.643	855.	5.	62410.831	249.822	29.7	71.25	349.5	776.
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/04/83-05/15/93	28 ##	0.1	0.236	1.	0.05	0.102	0.32	0.05	0.05	0.1	0.91
82715	NICKEL, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/04/83-07/21/83	2	14.5	14.5	19.	10.	40.5	6.364	**	**	**	**
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/04/83-05/15/93	28 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/04/83-05/15/93	28	29.	39.25	100.	5.	983.009	31.353	10.	12.	55.	95.5

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

EPA Water Quality Criteria Analysis for Station: CANY0156

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	59	47	0.80	23	19	0.83	8	4	0.50	16	16	1.00	12	8	0.67
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	41	1	0.02	14	0	0.00	8	0	0.00	12	1	0.08	7	0	0.00
00400	PH	Fresh Chronic	9.	46	0	0.00	18	0	0.00	4	0	0.00	13	0	0.00	11	0	0.00
00406	PH, FIELD	Other-Lo Lim.	6.5	46	0	0.00	18	0	0.00	4	0	0.00	13	0	0.00	11	0	0.00
		Fresh Chronic	9.	47	1	0.02	17	0	0.00	7	1	0.14	13	0	0.00	10	0	0.00
		Other-Lo Lim.	6.5	47	0	0.00	17	0	0.00	7	0	0.00	13	0	0.00	10	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	20	0	0.00	5	0	0.00	5	0	0.00	5	0	0.00	5	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	20	0	0.00	5	0	0.00	5	0	0.00	5	0	0.00	5	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	7	0	0.00	5	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

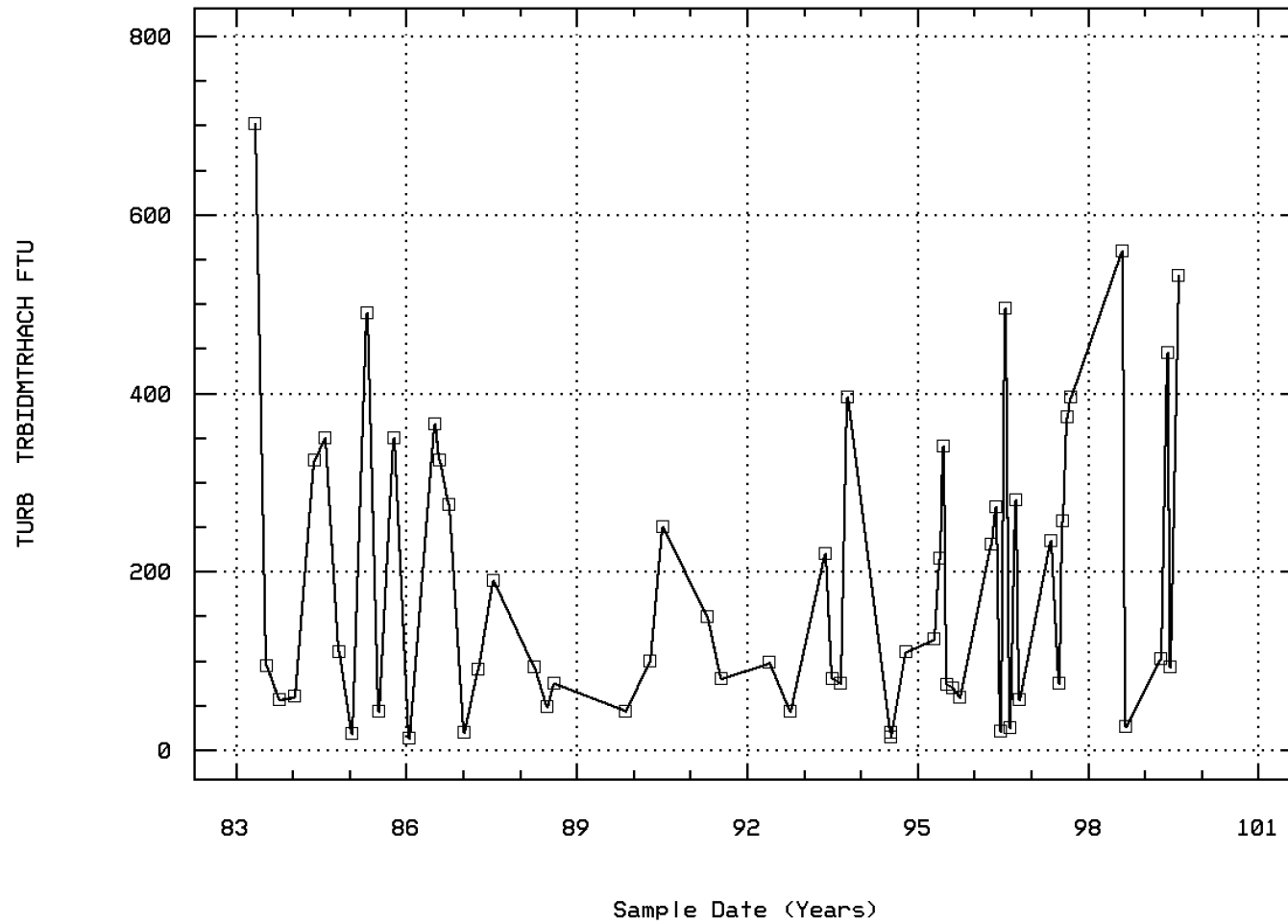
EPA Water Quality Criteria Analysis for Station: CANY0156

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00631 NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	32	0	0.00	13	0	0.00	2	0	0.00	10	0	0.00	7	0	0.00
00941 CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	59	0	0.00	23	0	0.00	8	0	0.00	16	0	0.00	12	0	0.00
	Drinking Water	250.	59	0	0.00	23	0	0.00	8	0	0.00	16	0	0.00	12	0	0.00
00946 SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	59	22	0.37	23	15	0.65	8	4	0.50	16	1	0.06	12	2	0.17
00950 FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00							1	0	0.00			
01000 ARSENIC, DISSOLVED	Fresh Acute	360.	29	0	0.00	14	0	0.00	1	0	0.00	7	0	0.00	7	0	0.00
	Drinking Water	50.	29	0	0.00	14	0	0.00	1	0	0.00	7	0	0.00	7	0	0.00
01005 BARIUM, DISSOLVED	Drinking Water	2000.	29	0	0.00	14	0	0.00	1	0	0.00	7	0	0.00	7	0	0.00
01025 CADMIUM, DISSOLVED	Fresh Acute	3.9	29	0	0.00	14	0	0.00	1	0	0.00	7	0	0.00	7	0	0.00
	Drinking Water	5.	29	0	0.00	14	0	0.00	1	0	0.00	7	0	0.00	7	0	0.00
01030 CHROMIUM, DISSOLVED	Drinking Water	100.	29	0	0.00	14	0	0.00	1	0	0.00	7	0	0.00	7	0	0.00
01032 CHROMIUM, HEXAVALENT	Fresh Acute	16.	1	0	0.00							1	0	0.00			
	Drinking Water	100.	1	0	0.00							1	0	0.00			
01040 COPPER, DISSOLVED	Fresh Acute	18.	29	0	0.00	14	0	0.00	1	0	0.00	7	0	0.00	7	0	0.00
	Drinking Water	1300.	29	0	0.00	14	0	0.00	1	0	0.00	7	0	0.00	7	0	0.00
01049 LEAD, DISSOLVED	Fresh Acute	82.	29	0	0.00	14	0	0.00	1	0	0.00	7	0	0.00	7	0	0.00
	Drinking Water	15.	29	0	0.00	14	0	0.00	1	0	0.00	7	0	0.00	7	0	0.00
01075 SILVER, DISSOLVED	Fresh Acute	4.1	29	0	0.00	14	0	0.00	1	0	0.00	7	0	0.00	7	0	0.00
	Drinking Water	100.	29	0	0.00	14	0	0.00	1	0	0.00	7	0	0.00	7	0	0.00
01090 ZINC, DISSOLVED	Fresh Acute	120.	29	0	0.00	14	0	0.00	1	0	0.00	7	0	0.00	7	0	0.00
	Drinking Water	5000.	29	0	0.00	14	0	0.00	1	0	0.00	7	0	0.00	7	0	0.00
01145 SELENIUM, DISSOLVED	Fresh Acute	20.	29	0	0.00	14	0	0.00	1	0	0.00	7	0	0.00	7	0	0.00
	Drinking Water	50.	29	0	0.00	14	0	0.00	1	0	0.00	7	0	0.00	7	0	0.00
01167 SELENIUM, ACID SOLUBLE, WATER, WHOLE	Fresh Acute	20.	28	0	0.00	8	0	0.00	6	0	0.00	9	0	0.00	5	0	0.00
	Drinking Water	50.	28	0	0.00	8	0	0.00	6	0	0.00	9	0	0.00	5	0	0.00
07000 TRITIUM, TOTAL	Drinking Water	20000.	1	0	0.00	1	0	0.00									
09501 RADIUM 226, TOTAL	Drinking Water	5.	17	0	0.00	3	0	0.00	5	0	0.00	3	0	0.00	6	0	0.00
71890 MERCURY, DISSOLVED	Fresh Acute	2.4	29	0	0.00	14	0	0.00	1	0	0.00	7	0	0.00	7	0	0.00
	Drinking Water	2.	29	0	0.00	14	0	0.00	1	0	0.00	7	0	0.00	7	0	0.00
82702 ARSENIC, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	360.	28	0	0.00	8	0	0.00	6	0	0.00	9	0	0.00	5	0	0.00
	Drinking Water	50.	28	0	0.00	8	0	0.00	6	0	0.00	9	0	0.00	5	0	0.00
82703 BARIUM, FIELD ACIDIFIED, DECANTED, WATER	Drinking Water	2.	28	0	0.00	8	0	0.00	6	0	0.00	9	0	0.00	5	0	0.00
82705 CADMIUM, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	3.9	28	0	0.00	8	0	0.00	6	0	0.00	9	0	0.00	5	0	0.00
	Drinking Water	5.	28	0	0.00	8	0	0.00	6	0	0.00	9	0	0.00	5	0	0.00
82706 CHROMIUM, FIELD ACIDIFIED, DECANTED, WAT	Drinking Water	100.	28	0	0.00	8	0	0.00	6	0	0.00	9	0	0.00	5	0	0.00
82708 COPPER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	18.	28	5	0.18	8	2	0.25	6	0	0.00	9	2	0.22	5	1	0.20
	Drinking Water	1300.	28	0	0.00	8	0	0.00	6	0	0.00	9	0	0.00	5	0	0.00
82711 LEAD, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	82.	28	0	0.00	8	0	0.00	6	0	0.00	9	0	0.00	5	0	0.00
	Drinking Water	15.	28	6	0.21	8	2	0.25	6	0	0.00	9	3	0.33	5	1	0.20
82713 MERCURY, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	2.4	28	0	0.00	8	0	0.00	6	0	0.00	9	0	0.00	5	0	0.00
	Drinking Water	2.	28	0	0.00	8	0	0.00	6	0	0.00	9	0	0.00	5	0	0.00
82715 NICKEL, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	1400.	2	0	0.00	1	0	0.00				1	0	0.00			
	Drinking Water	100.	2	0	0.00	1	0	0.00				1	0	0.00			
82716 SILVER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	4.1	28	0	0.00	8	0	0.00	6	0	0.00	9	0	0.00	5	0	0.00
	Drinking Water	100.	28	0	0.00	8	0	0.00	6	0	0.00	9	0	0.00	5	0	0.00
82719 ZINC, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	120.	28	0	0.00	8	0	0.00	6	0	0.00	9	0	0.00	5	0	0.00
	Drinking Water	5000.	28	0	0.00	8	0	0.00	6	0	0.00	9	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

Station: CANY0156 Parameter Code: 00076

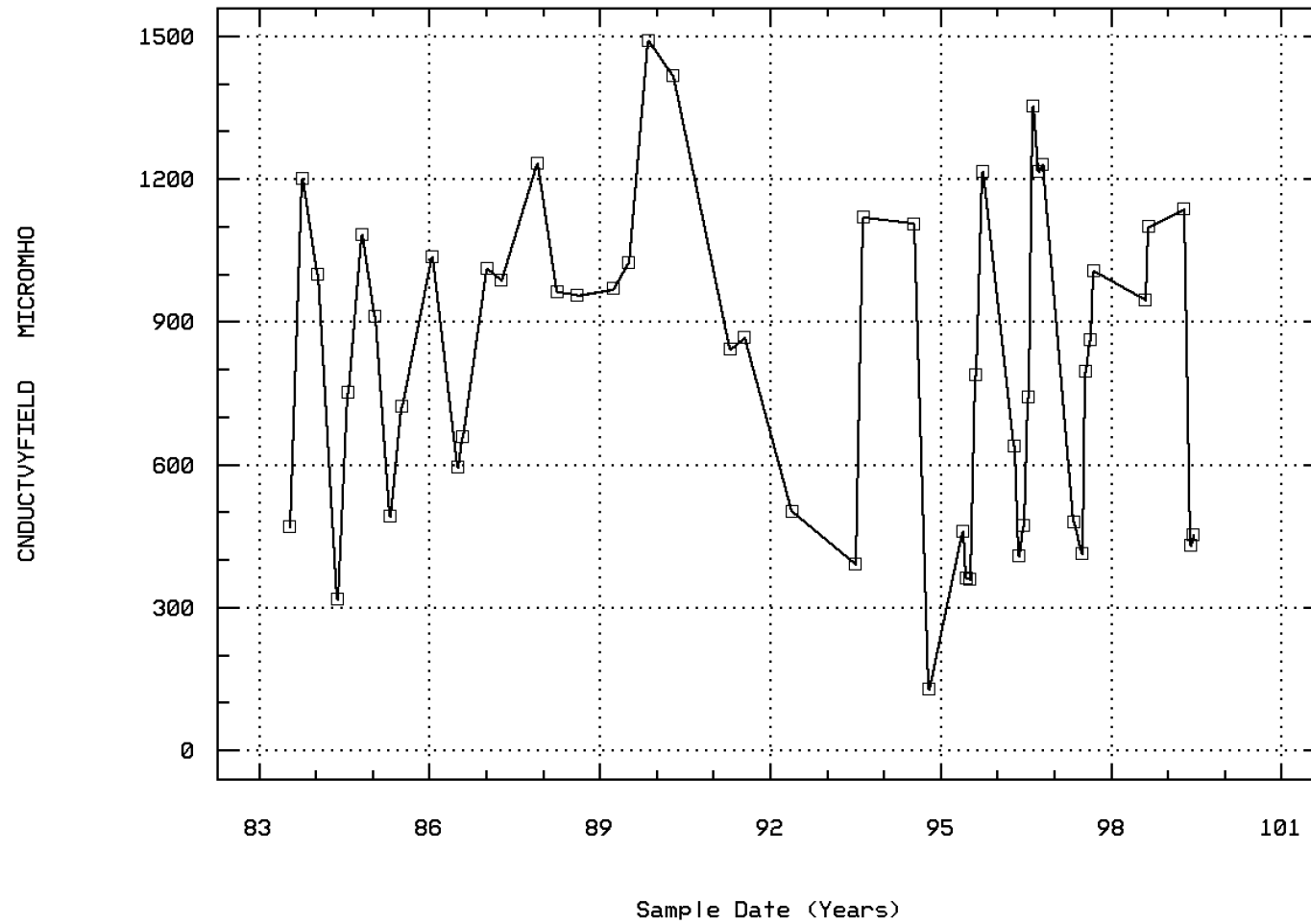
TURBIDITY,HACH TURBIDIMETER (FORMAZIN T



COLORADO R AB CNFL / GREEN R

Station: CANY0156 Parameter Code: 00094

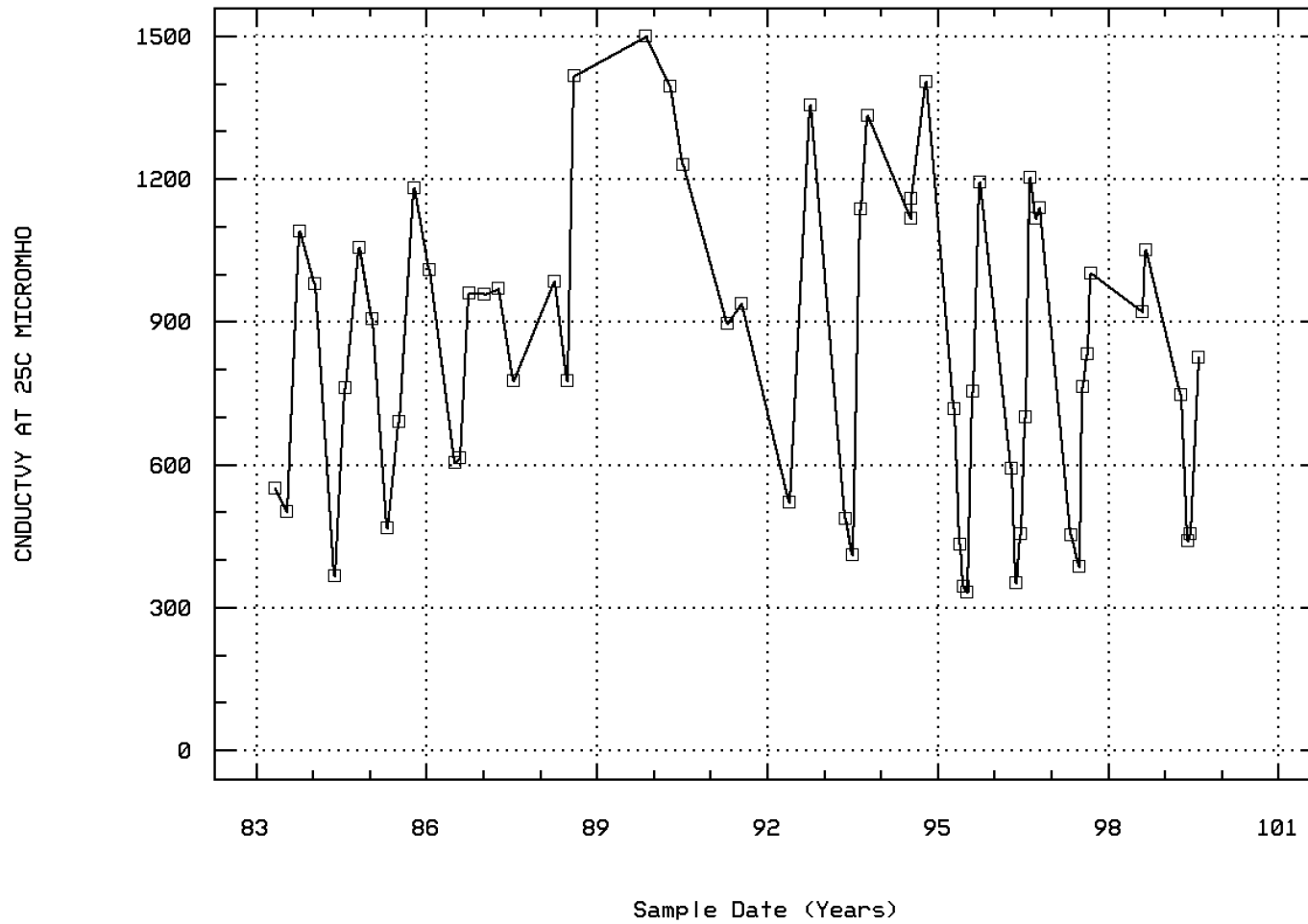
SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @



COLORADO R AB CNFL / GREEN R

Station: CANY0156 Parameter Code: 00095

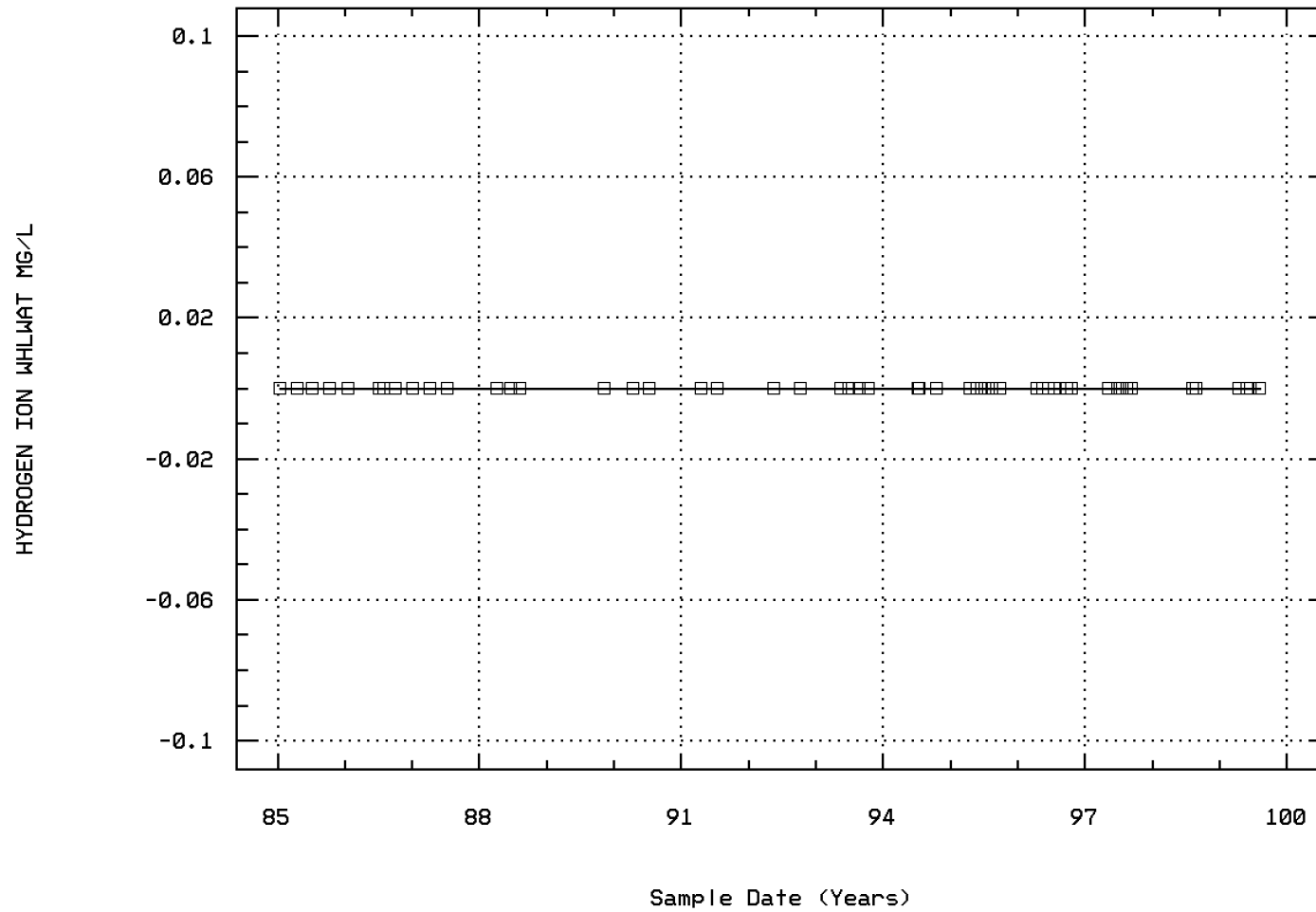
SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)



COLORADO R AB CNFL / GREEN R

Station: CANY0156 Parameter Code: 00191

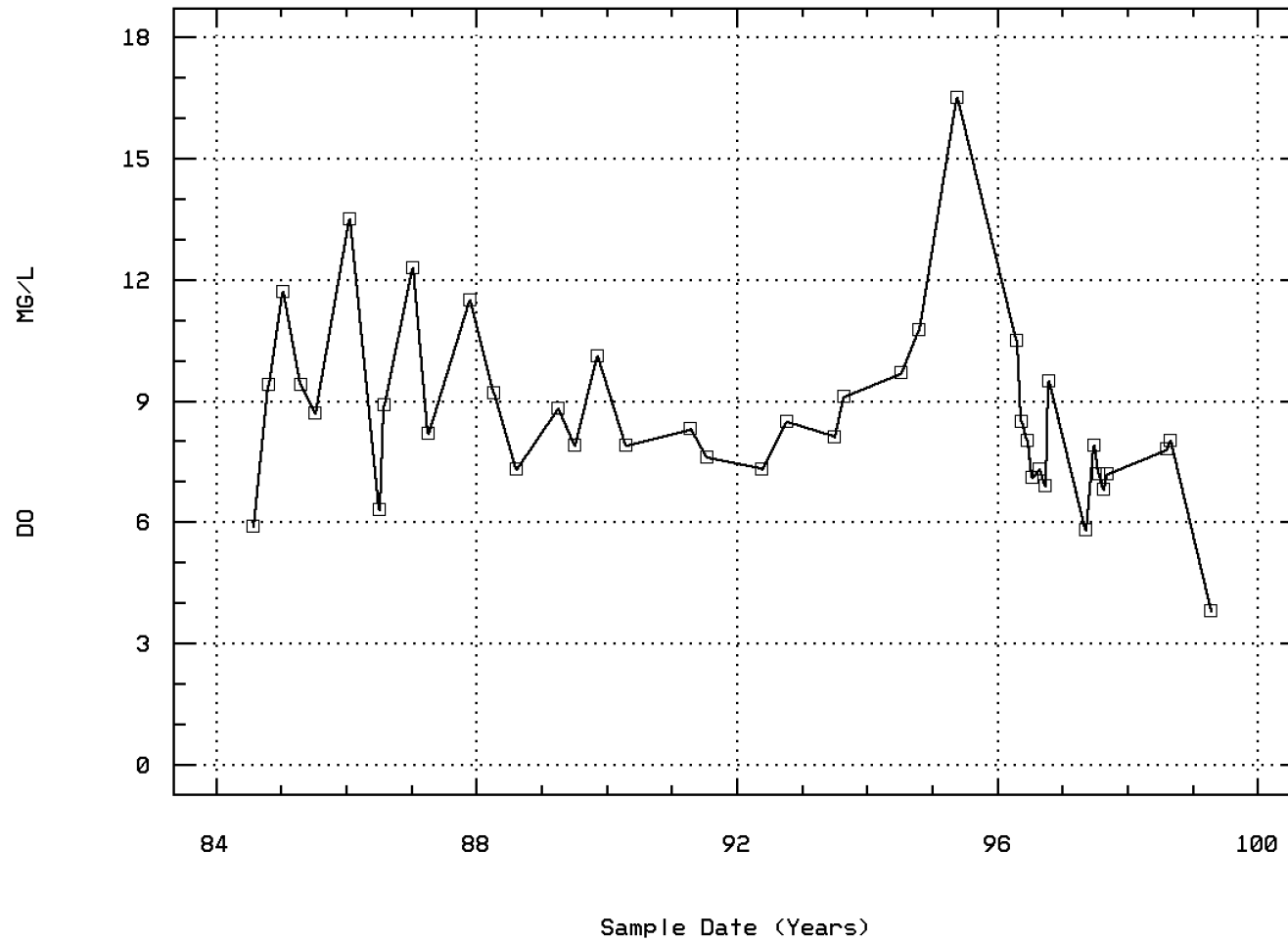
HYDROGEN ION CONCENTRATION IN WHOLE WAT



COLORADO R AB CNFL / GREEN R

Station: CANY0156 Parameter Code: 00300

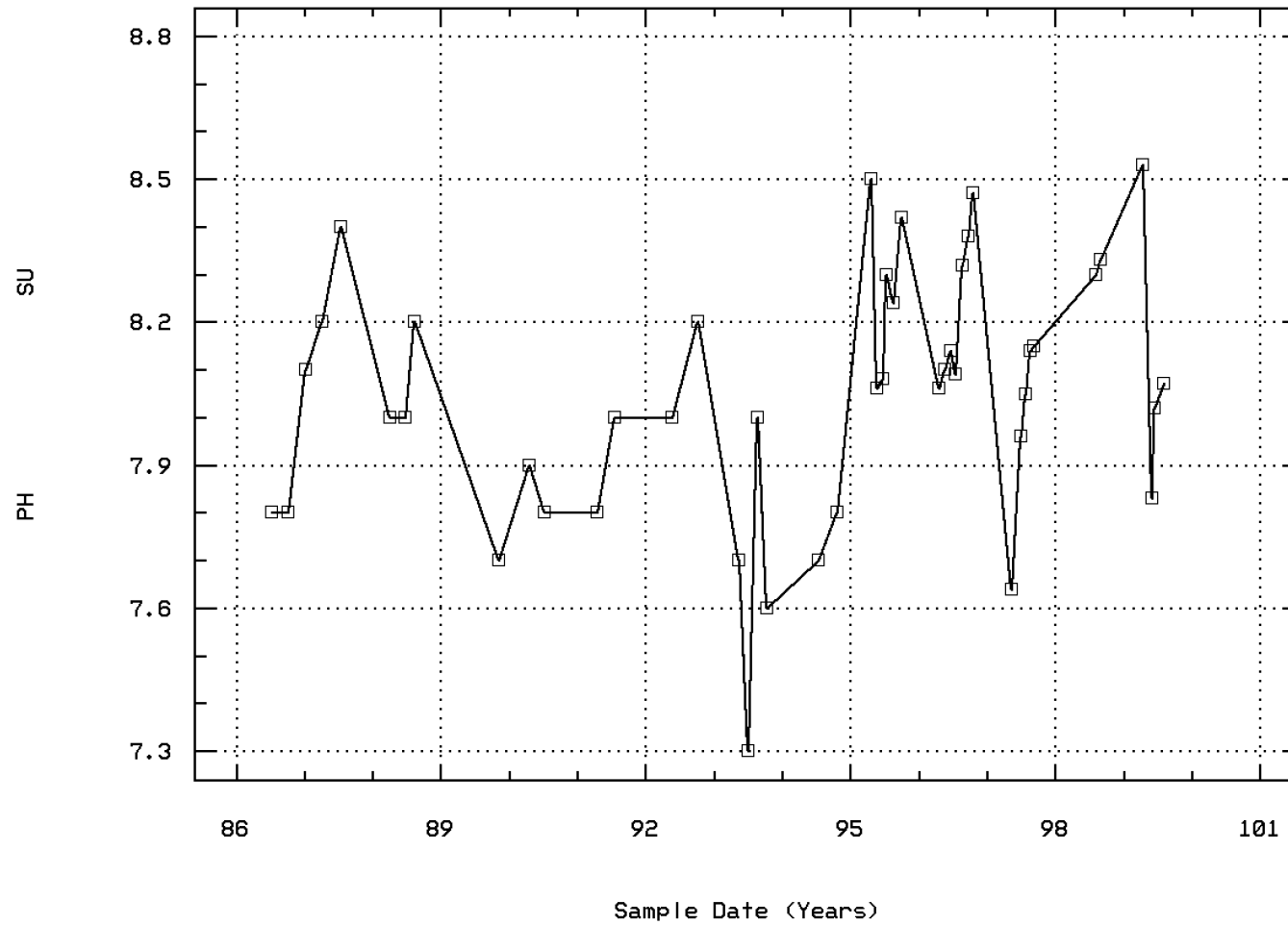
OXYGEN, DISSOLVED



COLORADO R AB CNFL / GREEN R

Station: CANY0156 Parameter Code: 00400

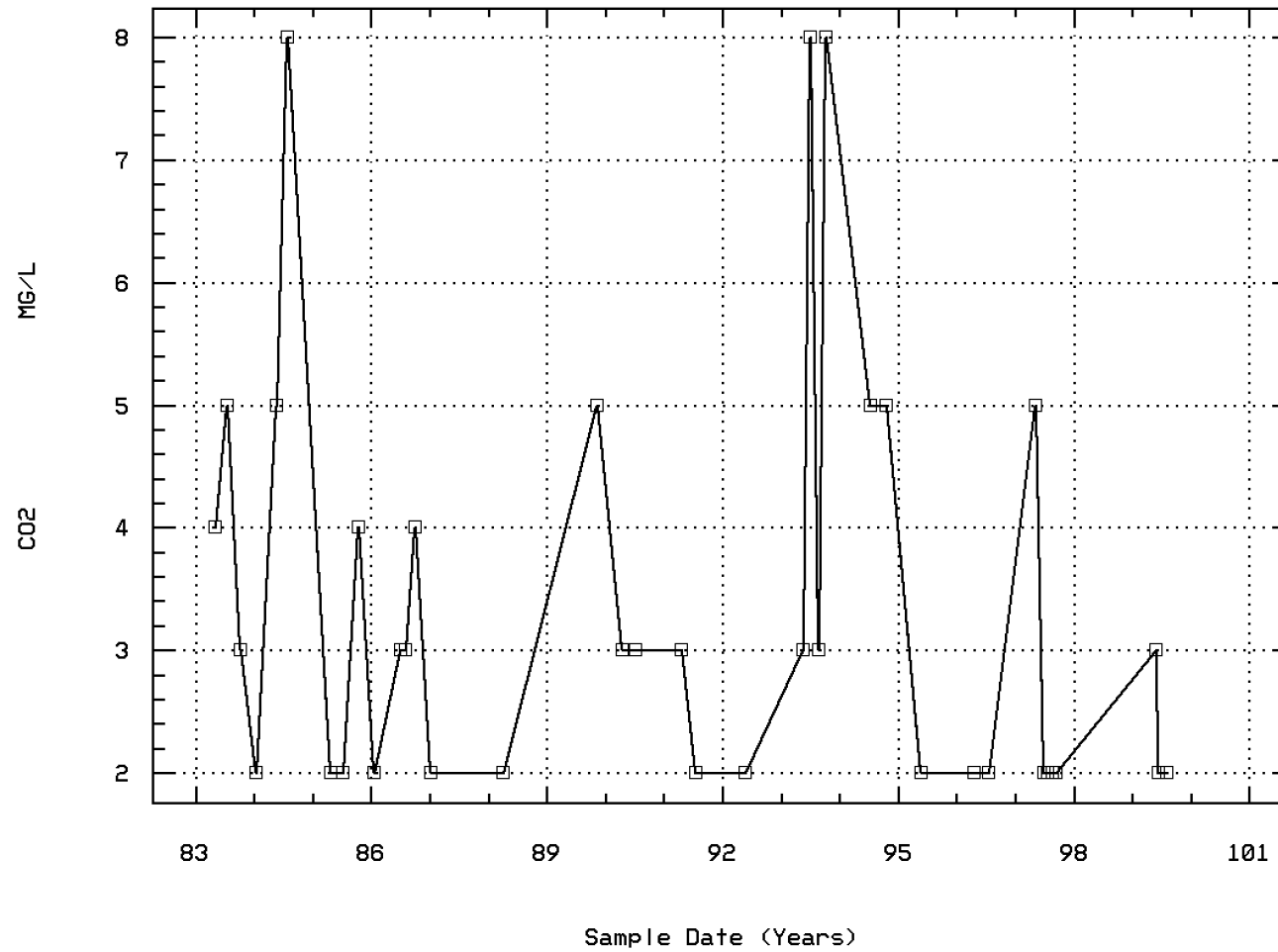
PH (STANDARD UNITS)



COLORADO R AB CNFL / GREEN R

Station: CANY0156 Parameter Code: 00405

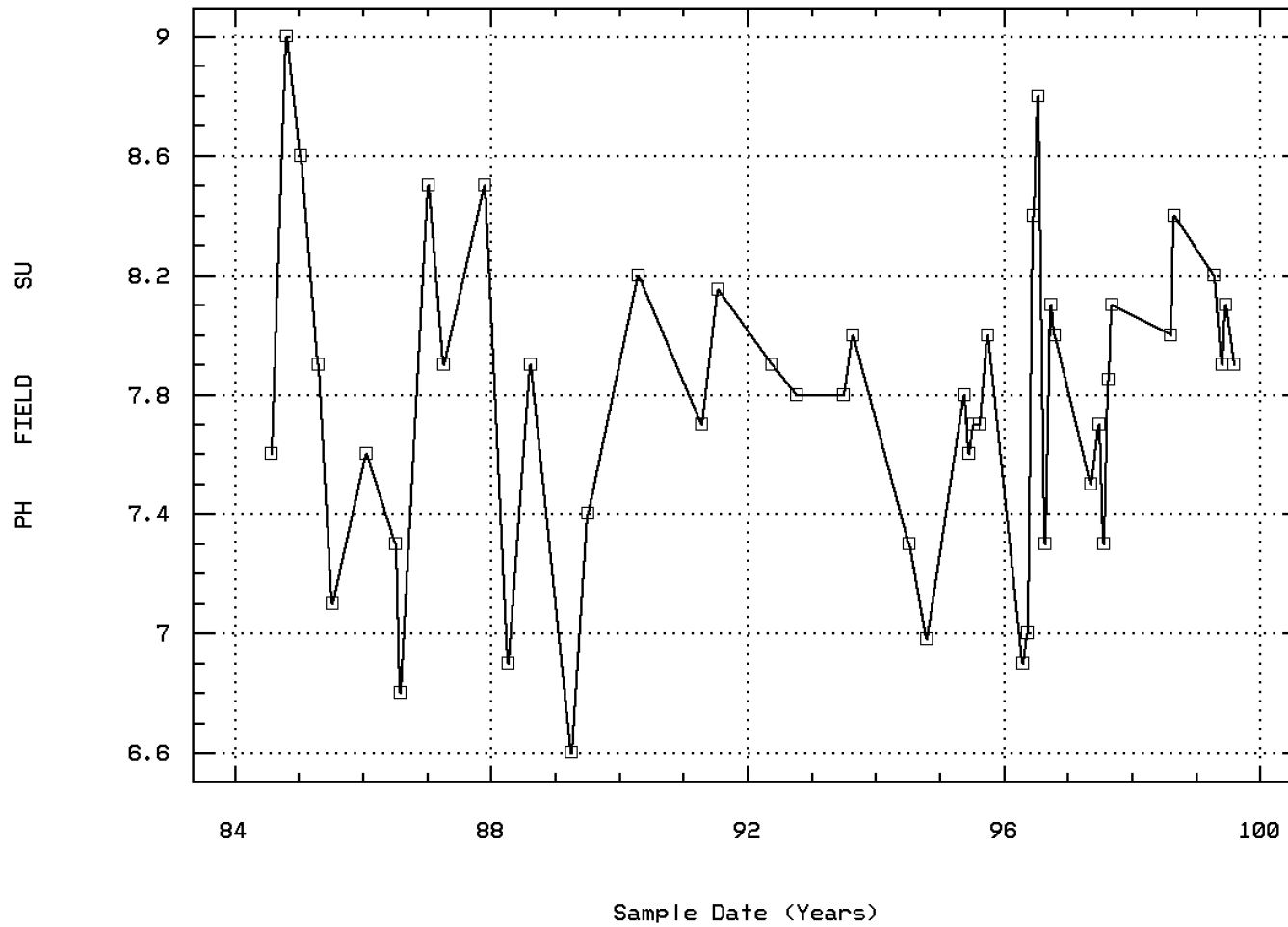
CARBON DIOXIDE (MG/L AS CO2)



COLORADO R AB CNFL / GREEN R

Station: CANY0156 Parameter Code: 00406

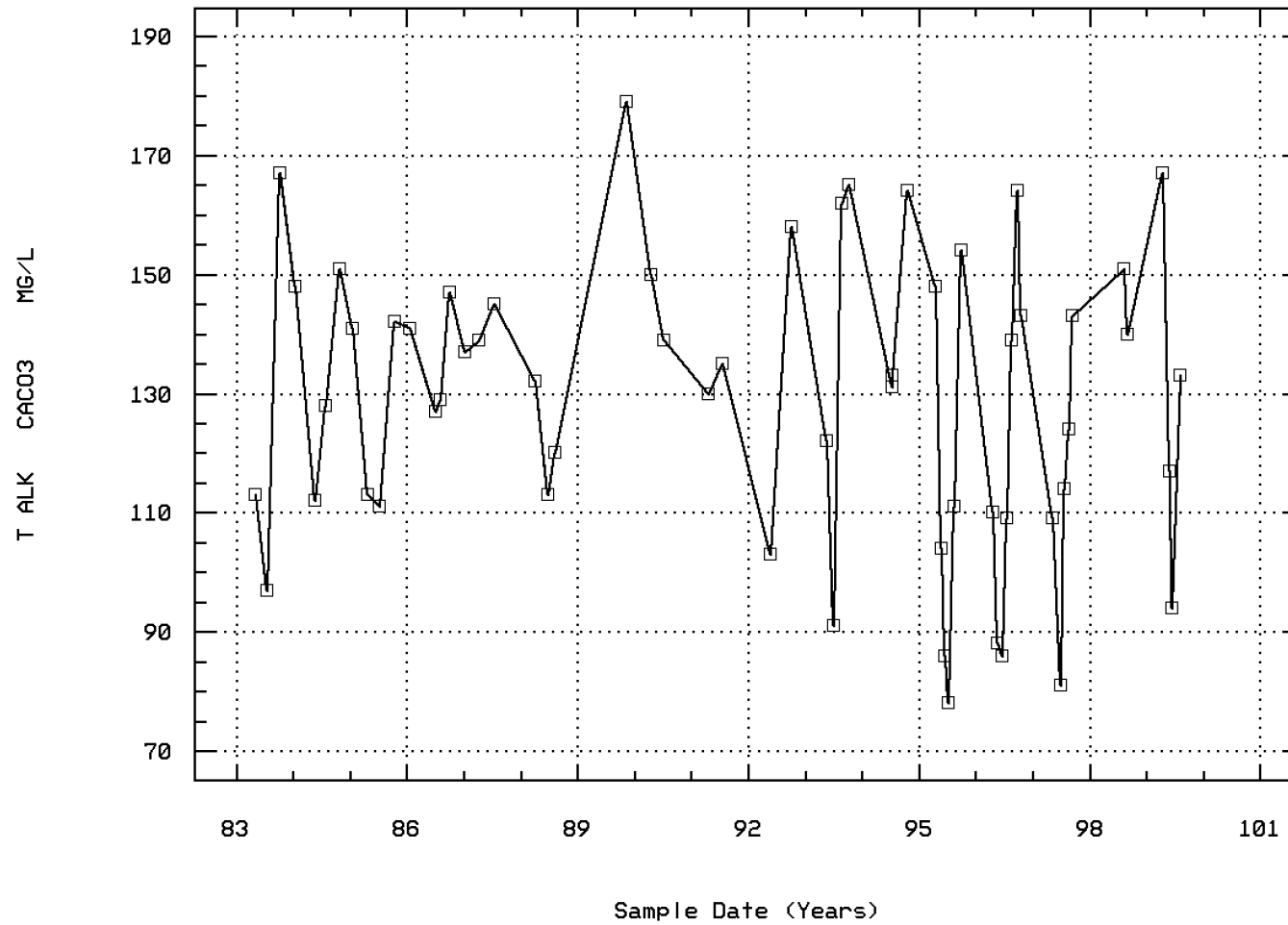
PH, FIELD, STANDARD UNITS



COLORADO R AB CNFL / GREEN R

Station: CANY0156 Parameter Code: 00410

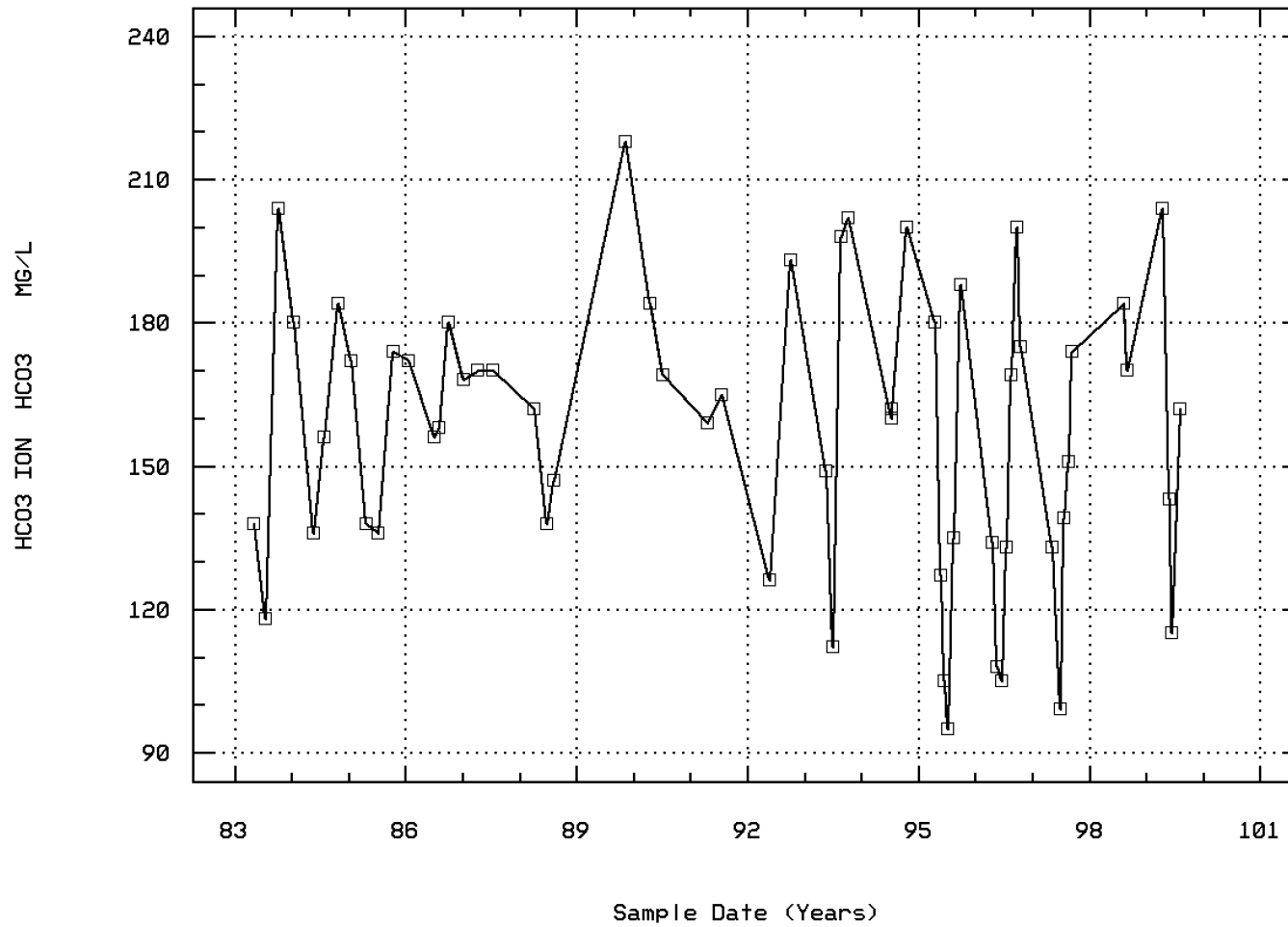
ALKALINITY, TOTAL (MG/L AS CaCO3)



COLORADO R AB CNFL / GREEN R

Station: CANY0156 Parameter Code: 00440

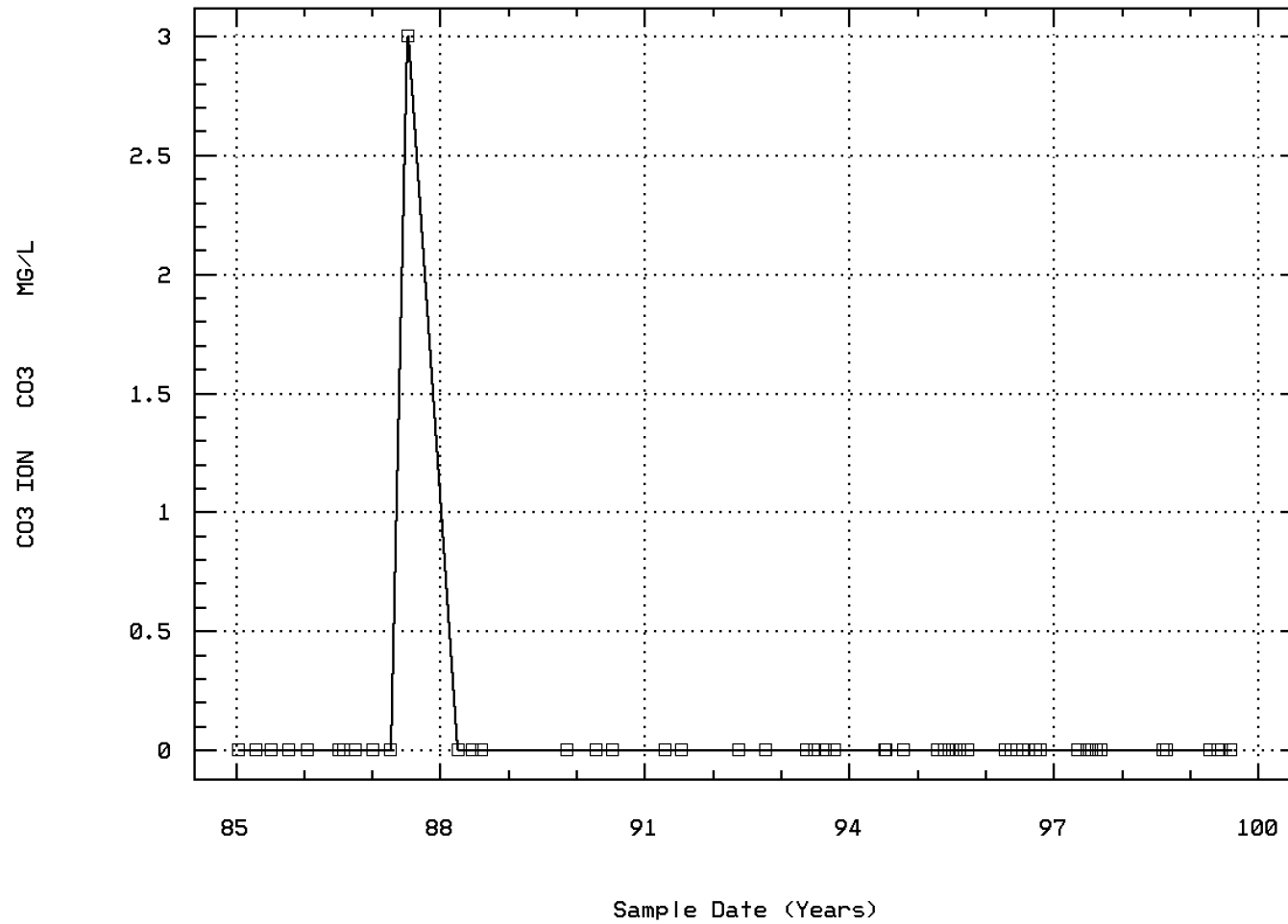
BICARBONATE ION (MG/L AS HCO_3)



COLORADO R AB CNFL / GREEN R

Station: CANY0156 Parameter Code: 00445

CARBONATE ION (MG/L AS CO3)

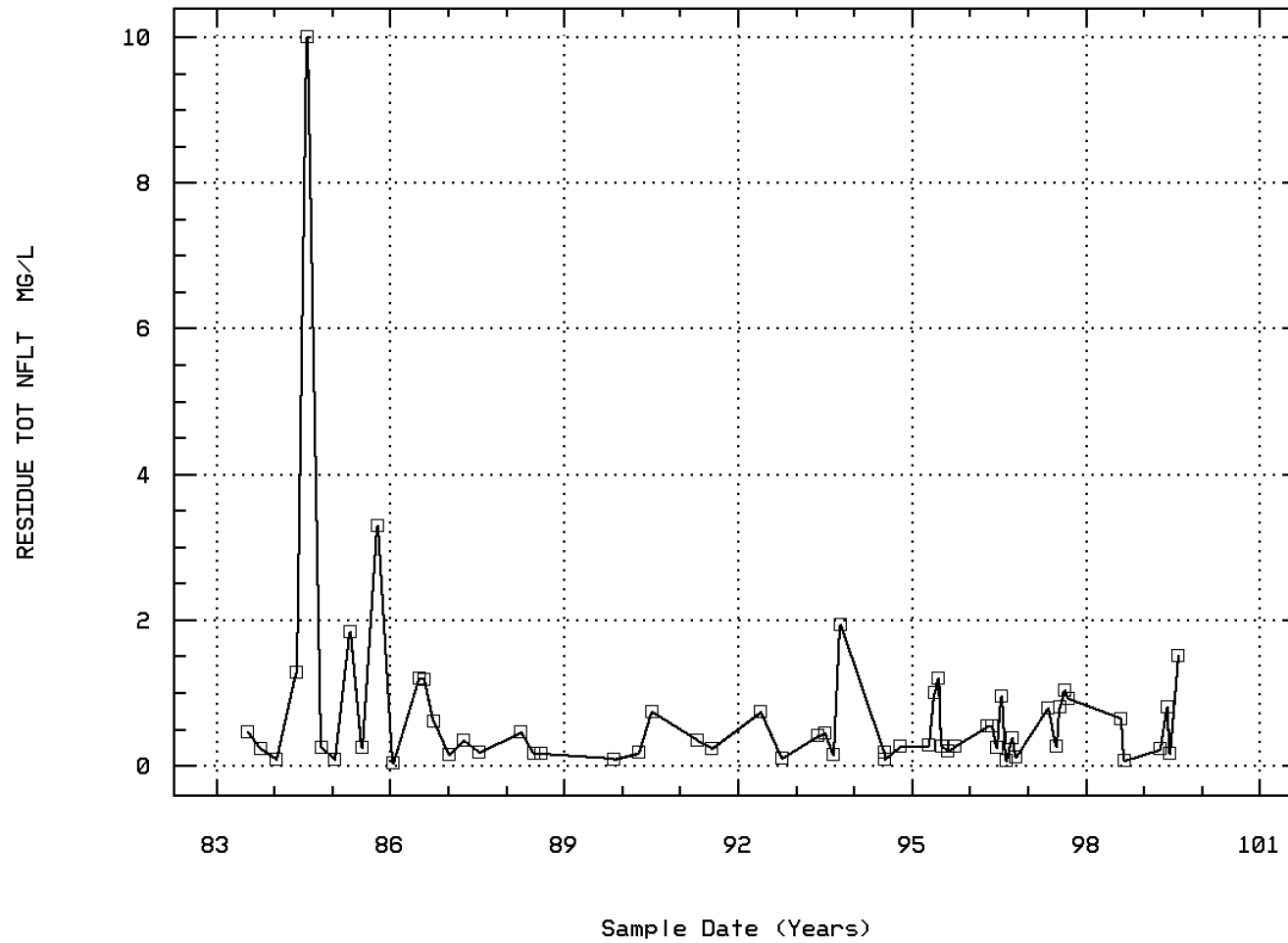


COLORADO R AB CNFL / GREEN R

Station: CANY0156 Parameter Code: 00530

(X 1000)

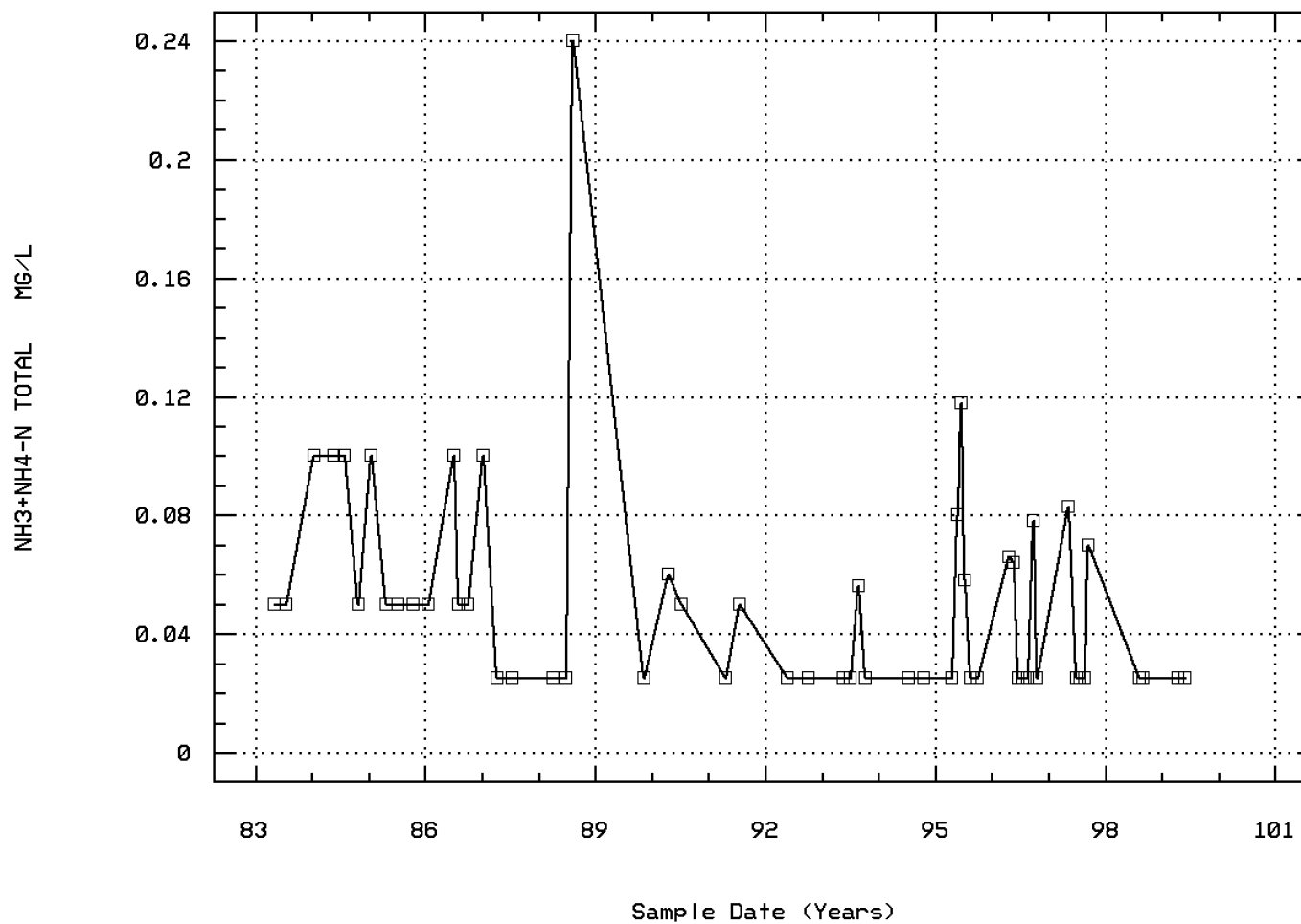
RESIDUE, TOTAL NONFILTRABLE (MG/L)



COLORADO R AB CNFL / GREEN R

Station: CANY0156 Parameter Code: 00610

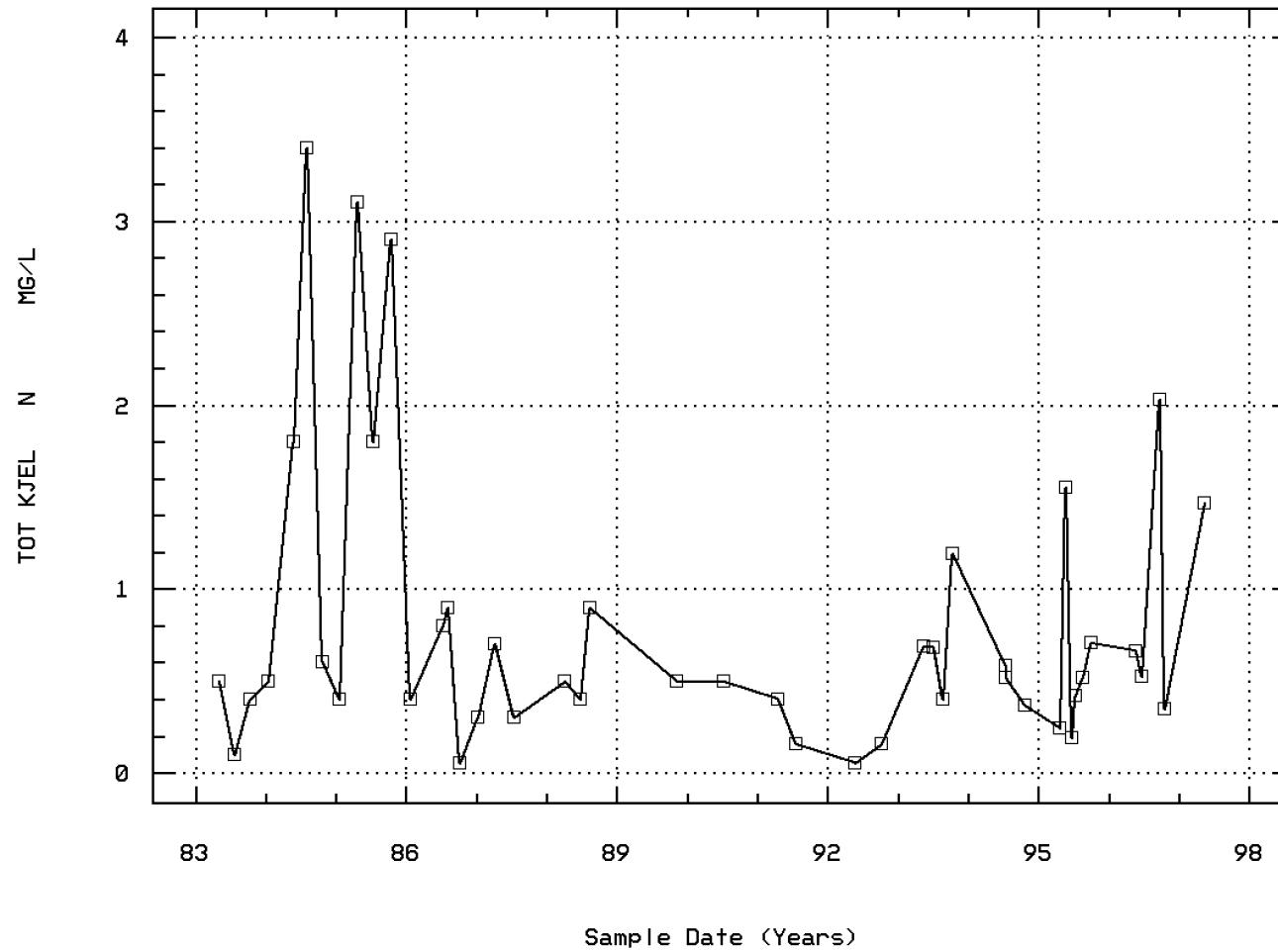
NITROGEN, AMMONIA, TOTAL (MG/L AS N)



COLORADO R AB CNFL / GREEN R

Station: CANY0156 Parameter Code: 00625

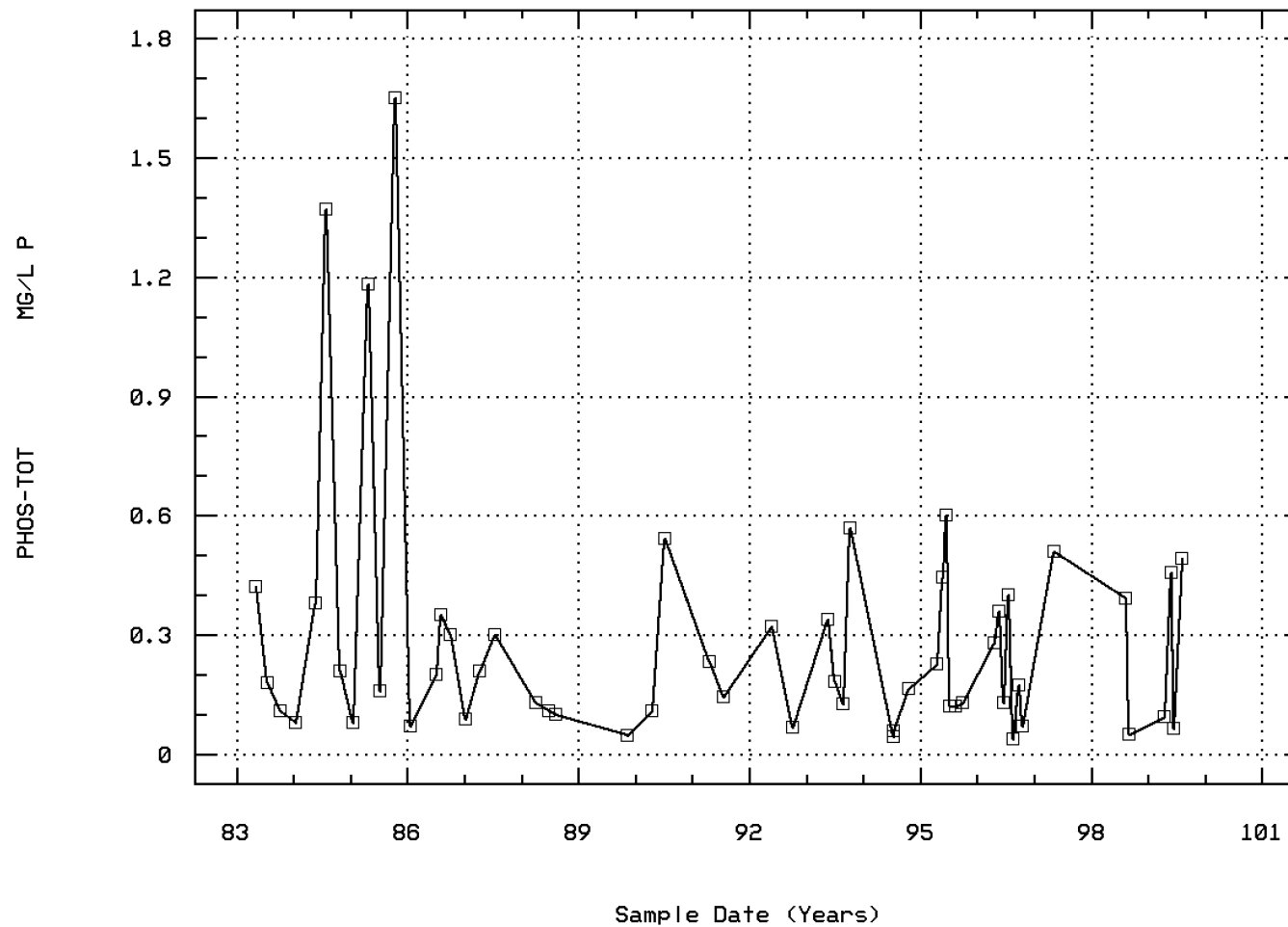
NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)



COLORADO R AB CNFL / GREEN R

Station: CANY0156 Parameter Code: 00665

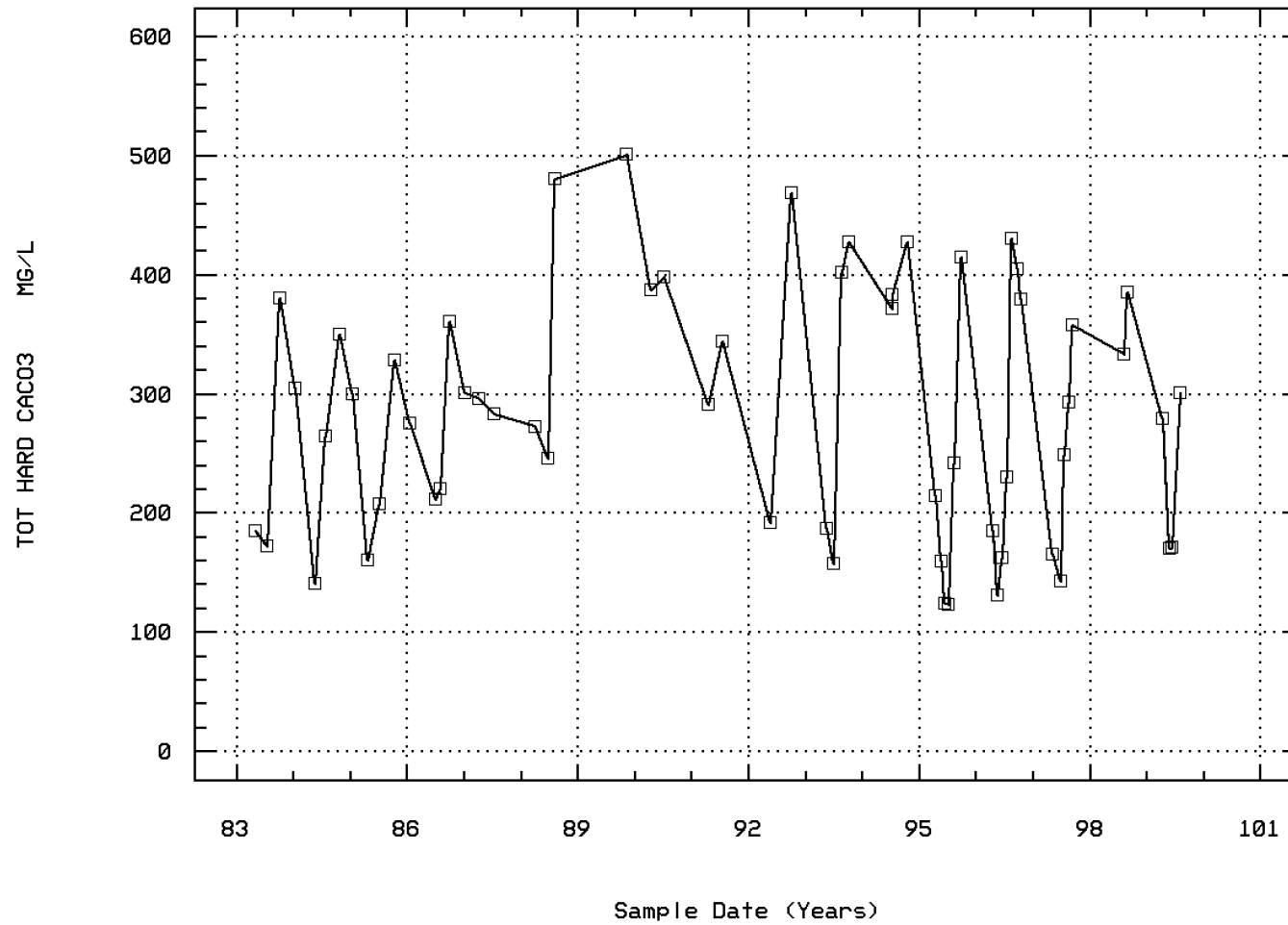
PHOSPHORUS, TOTAL (MG/L AS P)



COLORADO R AB CNFL / GREEN R

Station: CANY0156 Parameter Code: 00900

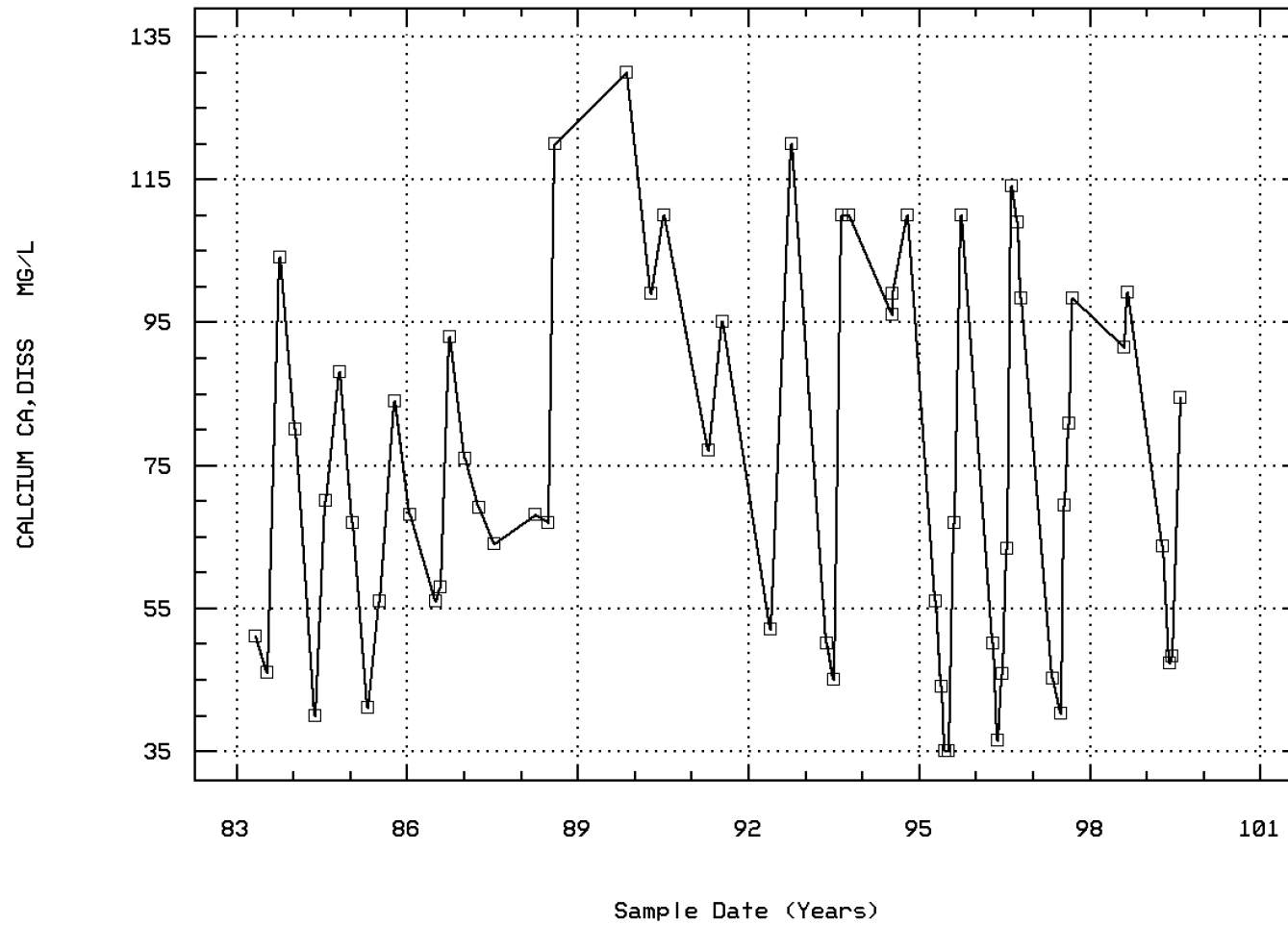
HARDNESS, TOTAL (MG/L AS CaCO3)



COLORADO R AB CNFL / GREEN R

Station: CANY0156 Parameter Code: 00915

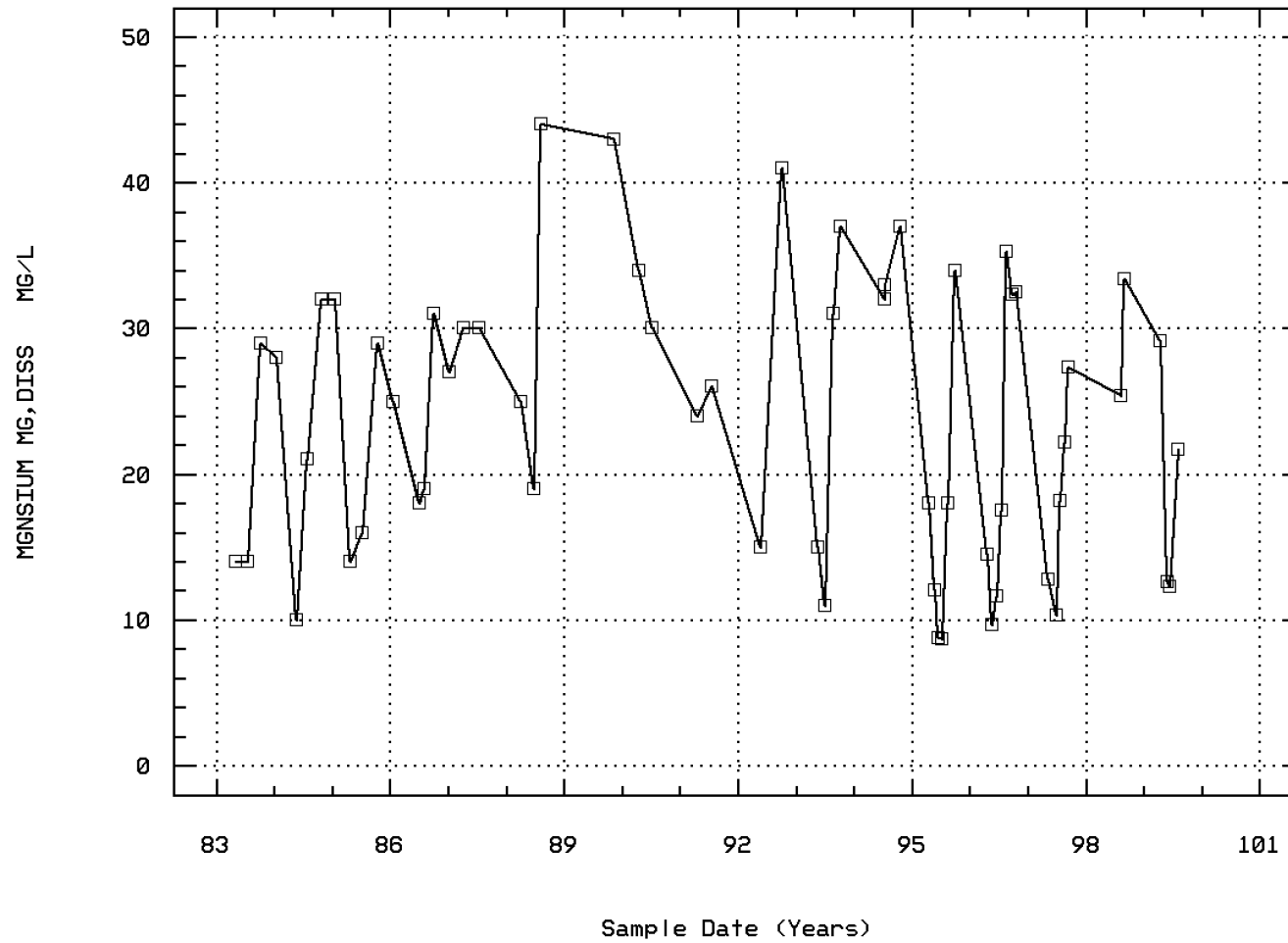
CALCIUM, DISSOLVED (MG/L AS CA)



COLORADO R AB CNFL / GREEN R

Station: CANY0156 Parameter Code: 00925

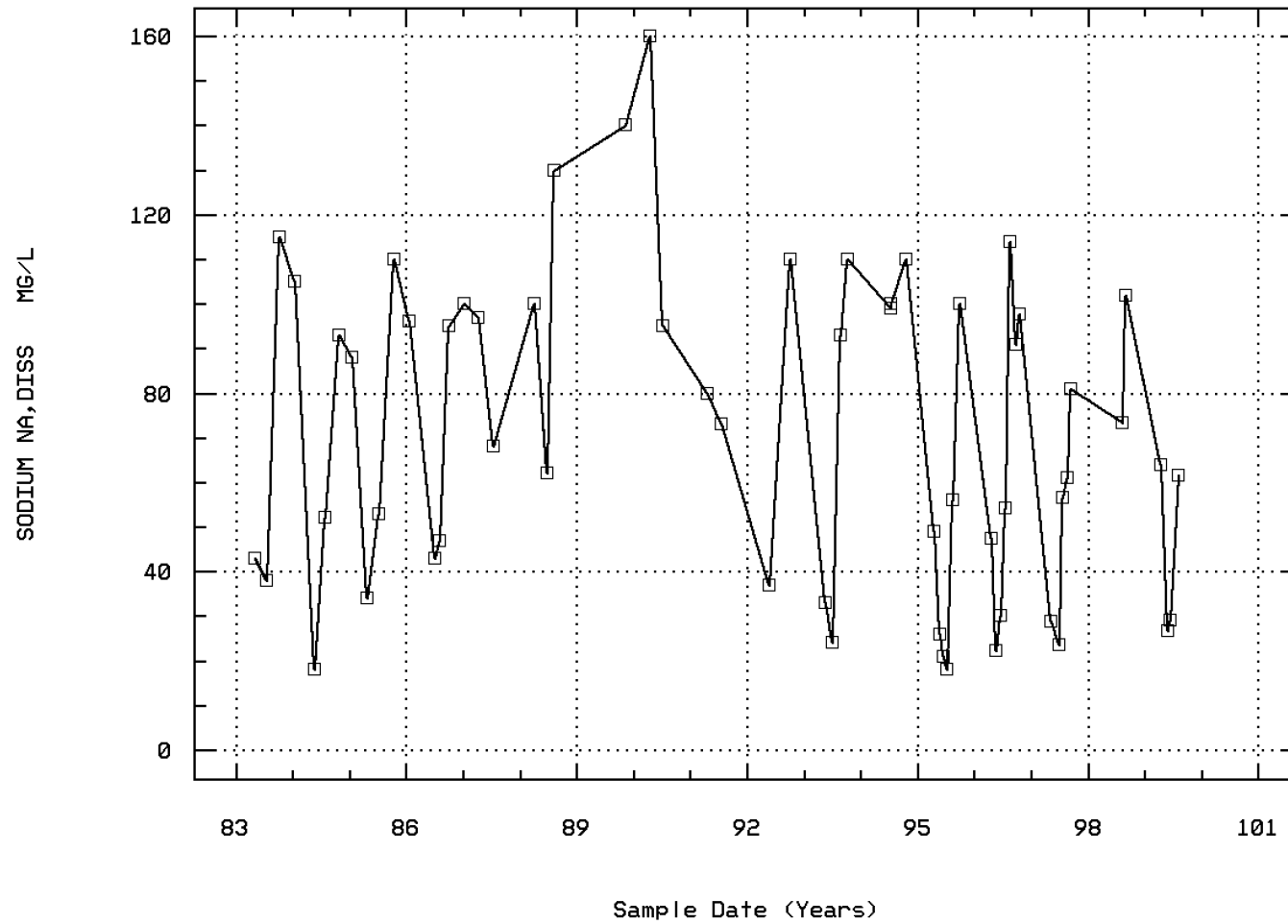
MAGNESIUM, DISSOLVED (MG/L AS MG)



COLORADO R AB CNFL / GREEN R

Station: CANY0156 Parameter Code: 00930

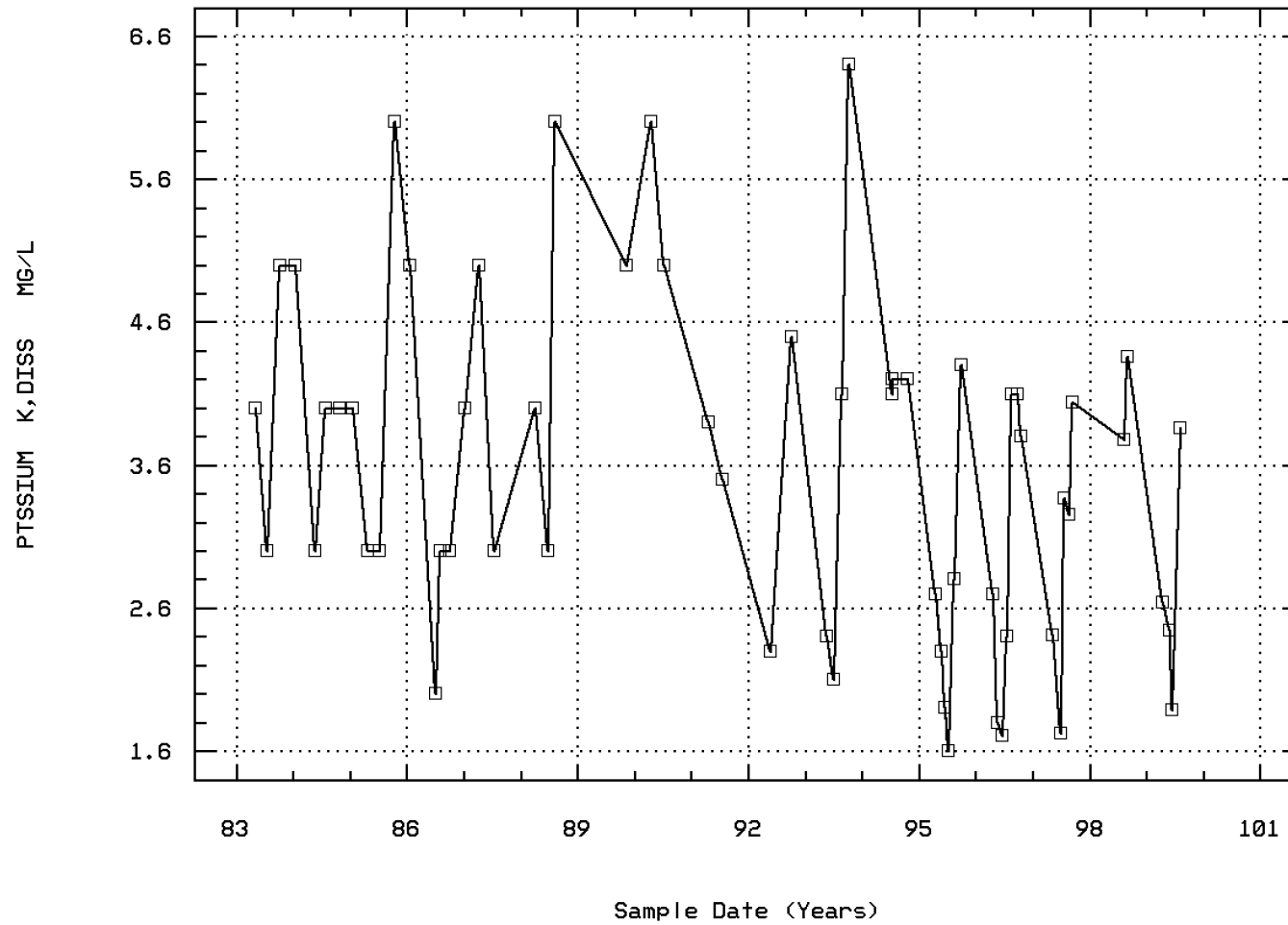
SODIUM, DISSOLVED (MG/L AS NA)



COLORADO R AB CNFL / GREEN R

Station: CANY0156 Parameter Code: 00935

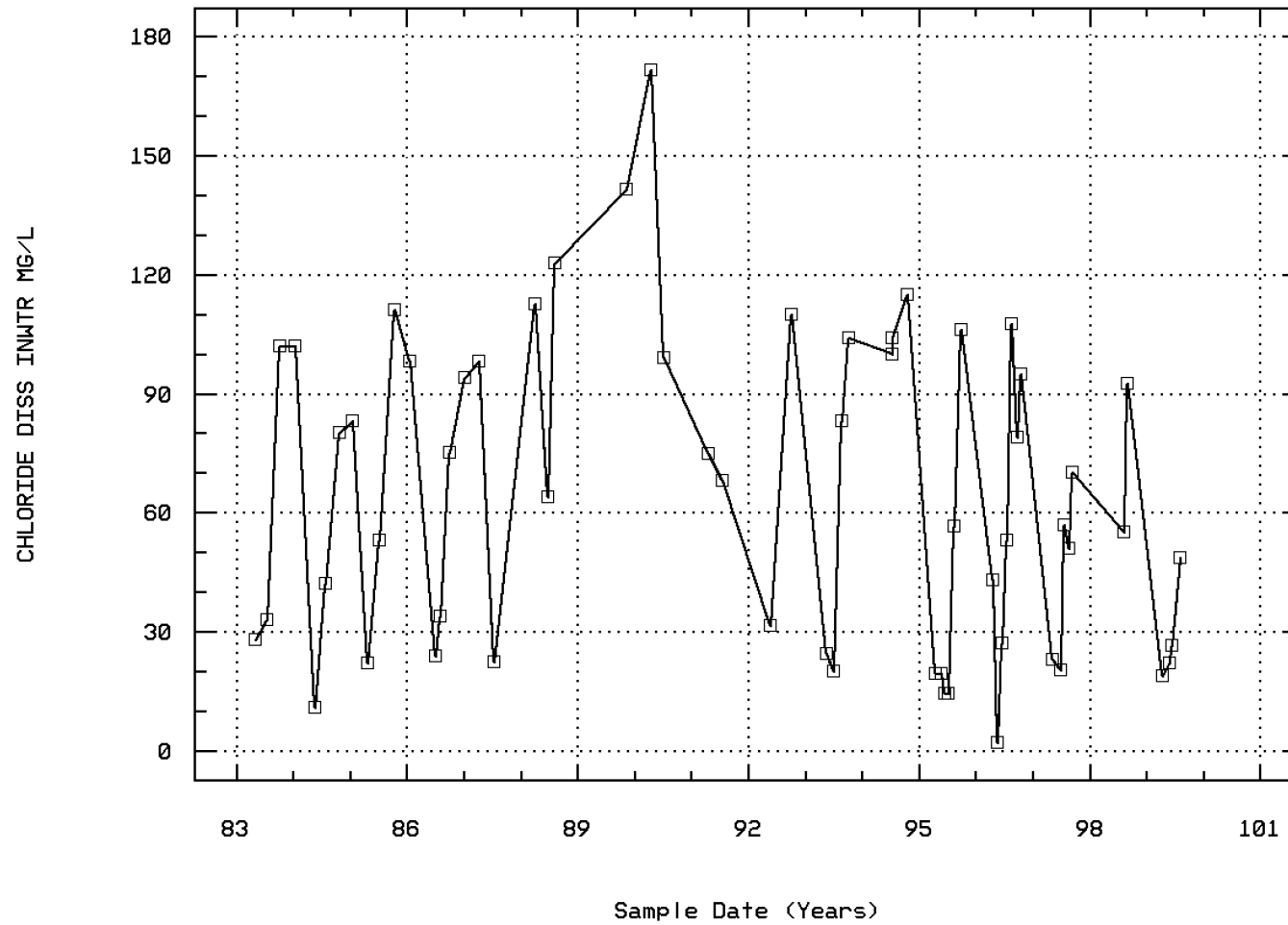
POTASSIUM, DISSOLVED (MG/L AS K)



COLORADO R AB CNFL / GREEN R

Station: CANY0156 Parameter Code: 00941

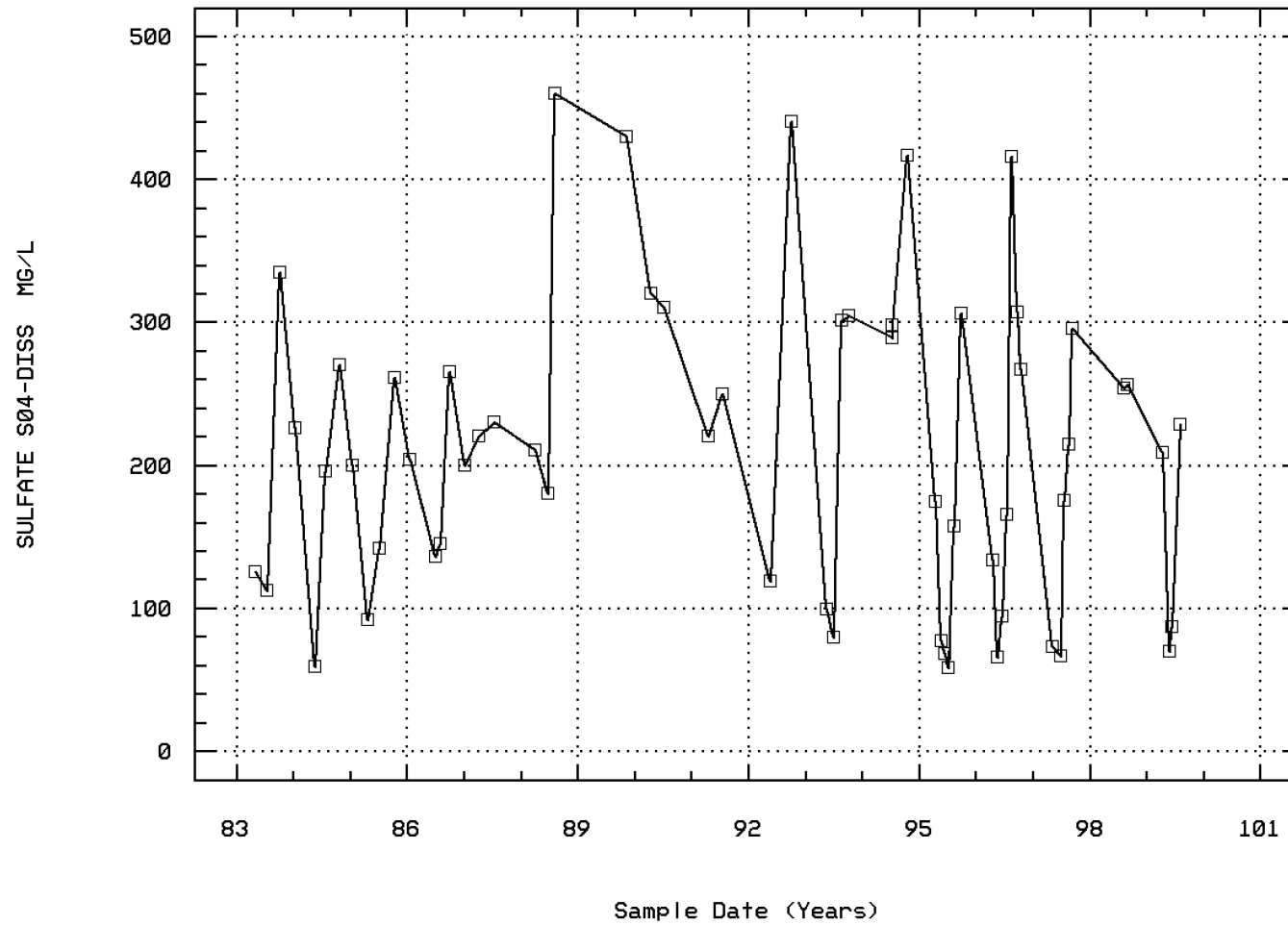
CHLORIDE, DISSOLVED IN WATER



COLORADO R AB CNFL / GREEN R

Station: CANY0156 Parameter Code: 00946

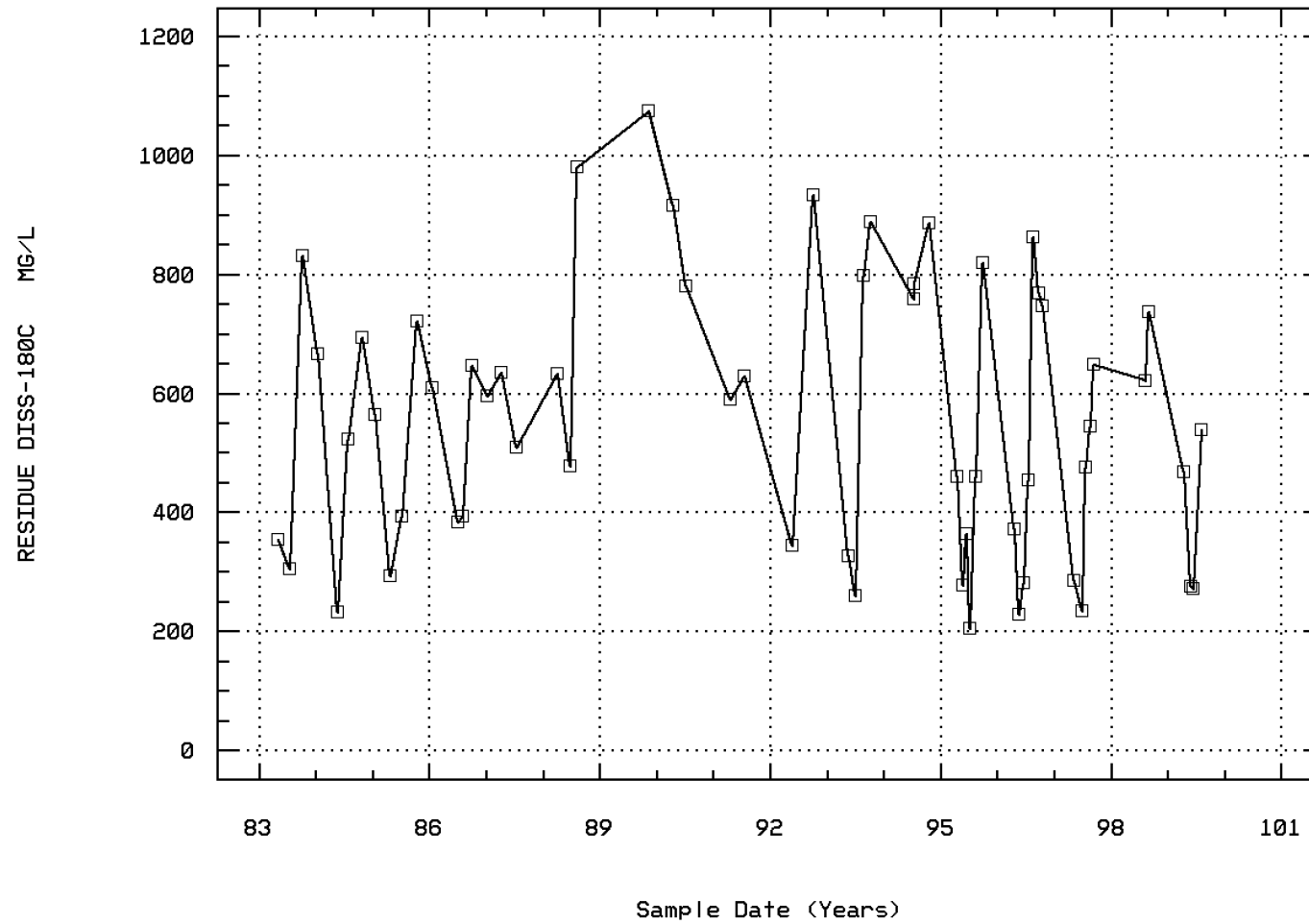
SULFATE, DISSOLVED (MG/L AS SO₄)



COLORADO R AB CNFL / GREEN R

Station: CANY0156 Parameter Code: 70300

RESIDUE, TOTAL FILTRABLE (DRIED AT 180C)



COLORADO R AB CNFL / GREEN R

Seasonal Analysis for Season #1: 7/15 to 10/14 - Station CANY0156

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/21/83-08/04/99	21	23.2	20.956	26.	11.7	24.051	4.904	11.84	17.35	25.1	25.636
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/29/93-08/04/99	10	33.85	32.873	40.	25.63	20.801	4.561	25.867	29.05	35.75	39.8
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/04/83-08/04/99	23	257.	226.248	559.	15.	32976.867	181.595	25.4	59.	373.	516.6
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/21/83-06/16/99	17	945.	943.647	1352.	470.	55205.743	234.959	619.6	769.5	1160.	1243.2
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/04/83-08/04/99	23	1001.	991.174	1416.	500.	59947.15	244.841	648.6	763.	1180.	1345.8
00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	01/15/85-08/04/99	20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00300	OXYGEN, DISSOLVED MG/L	08/01/84-04/13/99	14	7.3	7.544	9.1	5.9	0.742	0.861	6.36	7.05	8.125	9.
00400	PH (STANDARD UNITS)	07/08/86-08/04/99	18	8.145	8.111	8.42	7.6	0.052	0.228	7.69	8.	8.305	8.384
00400	CONVERTED PH (STANDARD UNITS)	07/08/86-08/04/99	18	8.145	8.047	8.42	7.6	0.056	0.238	7.69	8.	8.305	8.384
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/08/86-08/04/99	18	0.007	0.009	0.025	0.004	0.	0.006	0.004	0.005	0.01	0.02
00405p	CARBON DIOXIDE (MG/L AS CO2)	05/04/83-08/04/99	23	2.	2.739	8.	1.	4.383	2.094	1.	1.	4.	6.8
00406p	PH, FIELD, STANDARD UNITS SU	08/01/84-08/04/99	17	7.9	7.865	8.8	6.8	0.205	0.453	7.2	7.65	8.1	8.48
00406p	CONVERTED PH, FIELD, STANDARD UNITS	08/01/84-08/04/99	17	7.9	7.61	8.8	6.8	0.274	0.524	7.2	7.65	8.1	8.48
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/01/84-08/04/99	17	0.013	0.025	0.158	0.002	0.001	0.037	0.004	0.008	0.023	0.072
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	05/04/83-08/04/99	23	139.	137.609	167.	97.	379.885	19.491	109.8	124.	154.	164.6
00440p	BICARBONATE ION (MG/L AS HCO3)	05/04/83-08/04/99	23	169.	167.913	204.	118.	572.174	23.92	133.8	151.	188.	201.2
00445	CARBONATE ION (MG/L AS CO3)	01/15/85-08/04/99	20	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/21/83-08/04/99	23	455.	1097.7	9999.	65.2	4335080.386	2082.086	74.32	170.	1030.	2750.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/04/83-05/29/99	21 ##	0.025	0.051	0.24	0.025	0.002	0.048	0.025	0.025	0.053	0.096
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/04/83-05/09/97	15	0.52	0.956	3.4	0.05	1.06	1.03	0.08	0.16	1.19	3.1
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	05/04/83-08/04/99	20	0.16	0.341	1.65	0.04	0.186	0.431	0.052	0.103	0.398	1.29
00900p	HARDNESS, TOTAL (MG/L AS CaCO3)	05/04/83-08/04/99	23	357.8	341.935	480.4	172.	7004.98	83.696	223.96	264.	404.9	452.74
00915p	CALCIUM, DISSOLVED (MG/L AS Ca)	05/04/83-08/04/99	23	95.	91.135	120.	46.	434.226	20.838	60.12	70.	110.	117.6
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/04/83-08/04/99	23	29.	27.839	44.	14.	63.828	7.989	17.7	21.	33.4	39.4
00930p	SODIUM, DISSOLVED (MG/L AS Na)	05/04/83-08/04/99	23	90.8	83.622	130.	38.	695.172	26.366	49.	56.5	110.	114.6
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	05/04/83-08/04/99	23	4.04	4.046	6.4	2.4	1.07	1.034	2.88	3.25	4.36	6.
00941p	CHLORIDE, DISSOLVED IN WATER MG/L	05/04/83-08/04/99	23	75.	76.739	123.	33.	773.02	27.803	37.2	53.	104.	110.6
00946p	SULFATE, DISSOLVED (MG/L AS SO4)	05/04/83-08/04/99	23	261.	267.015	460.	112.	8236.682	90.756	149.8	196.	306.34	430.238
01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/08/92-08/04/99	14 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
01005	BARIUM, DISSOLVED (UG/L AS BA)	10/08/92-08/04/99	14	90.	91.286	120.	74.	153.912	12.406	75.5	83.	97.	115.
01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/08/92-08/04/99	14 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/08/92-08/04/99	14 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
01040	COPPER, DISSOLVED (UG/L AS CU)	10/08/92-08/04/99	14 ##	6.	7.5	15.	6.	7.5	2.739	6.	6.	10.	12.5
01046	IRON, DISSOLVED (UG/L AS FE)	10/08/92-08/04/99	14 ##	10.	36.014	133.	10.	1760.694	41.961	10.	10.	77.275	116.05
01049	LEAD, DISSOLVED (UG/L AS PB)	10/08/92-08/04/99	14 ##	1.5	1.571	2.5	1.5	0.071	0.267	1.5	1.5	1.5	2.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/08/92-08/04/99	14 ##	2.5	4.4	11.	2.5	7.734	2.781	2.5	2.5	5.475	10.15
01075	SILVER, DISSOLVED (UG/L AS AG)	10/08/92-08/04/99	14 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
01090	ZINC, DISSOLVED (UG/L AS ZN)	10/08/92-08/04/99	14 ##	15.	21.429	110.	10.	651.648	25.527	12.5	15.	15.	62.5
01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/08/92-08/04/99	14	4.	4.079	5.6	2.	1.143	1.069	2.5	3.175	5.	5.6
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	05/04/83-05/15/93	8 ##	0.25	0.531	2.5	0.25	0.633	0.795	**	**	**	**
61027	ANIONS, SUM, TOTAL IN WATER MG/L	07/18/91-08/04/99	16	442.5	434.625	645.	281.	11545.85	107.452	282.4	344.25	499.75	617.7
61944	CATIONS, SUM, TOTAL IN WATER, MG/L	07/18/91-08/04/99	16	223.5	210.938	276.	138.	2126.596	46.115	142.2	168.25	245.75	269.7
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/04/83-08/04/99	23	648.	667.435	980.	304.	33780.984	183.796	416.8	522.	820.	914.4
71890	MERCURY, DISSOLVED (UG/L AS HG)	10/08/92-08/04/99	14 ##	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/04/83-05/15/93	8	2.25	2.688	5.5	1.	2.353	1.534	**	**	**	**
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	05/04/83-05/15/93	8	0.115	0.096	0.2	0.025	0.004	0.06	**	**	**	**
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/04/83-05/15/93	8 ##	0.75	1.	3.	0.5	0.714	0.845	**	**	**	**
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/04/83-05/15/93	8 ##	2.5	4.375	10.	2.5	12.054	3.472	**	**	**	**
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/04/83-05/15/93	8 ##	10.	13.75	25.	5.	55.357	7.44	**	**	**	**
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	05/04/83-05/15/93	8	3.045	5.023	11.79	1.3	16.436	4.054	**	**	**	**
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/04/83-05/15/93	8	7.	8.563	18.	2.5	41.317	6.428	**	**	**	**
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/04/83-05/15/93	8	145.	336.5	855.	70.	110472.286	332.374	**	**	**	**
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/04/83-05/15/93	8 ##	0.1	0.356	1.	0.05	0.169	0.411	**	**	**	**
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/04/83-05/15/93	8 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/04/83-05/15/93	8	40.	51.25	100.	10.	1426.786	37.773	**	**	**	**

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

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station CANY0156

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/21/83-08/04/99	8	5.25	5.945	12.5	0.1	23.411	4.838	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/29/93-08/04/99	1	15.6	15.6	15.6	15.6	0.	0.	**	**	**	**
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/04/83-08/04/99	8	49.55	53.75	110.	13.	1509.246	38.849	**	**	**	**
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/21/83-06/16/99	9	1036.	1013.333	1490.	127.	140368.	374.657	127.	956.	1230.5	1490.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/04/83-08/04/99	8	1032.5	1118.75	1499.	905.	47704.786	218.414	**	**	**	**
00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	01/15/85-08/04/99	6	0.	0.	0.	0.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/01/84-04/13/99	8	11.12	11.093	13.5	9.4	2.043	1.429	**	**	**	**
00400	PH (STANDARD UNITS)	07/08/86-08/04/99	4	7.95	8.018	8.47	7.7	0.12	0.346	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/08/86-08/04/99	4	7.925	7.929	8.47	7.7	0.13	0.361	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/08/86-08/04/99	4	0.012	0.012	0.02	0.003	0.	0.007	**	**	**	**
00405p	CARBON DIOXIDE (MG/L AS CO2)	05/04/83-08/04/99	8	2.	2.375	5.	1.	2.839	1.685	**	**	**	**
00406p	PH, FIELD, STANDARD UNITS SU	08/01/84-08/04/99	7	8.5	8.169	9.	6.98	0.477	0.691	**	**	**	**
00406p	CONVERTED PH, FIELD, STANDARD UNITS	08/01/84-08/04/99	7	8.5	7.67	9.	6.98	0.767	0.876	**	**	**	**
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/01/84-08/04/99	7	0.003	0.021	0.105	0.001	0.001	0.038	**	**	**	**
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	05/04/83-08/04/99	8	145.5	150.5	179.	137.	202.857	14.243	**	**	**	**
00440p	BICARBONATE ION (MG/L AS HCO3)	05/04/83-08/04/99	8	177.5	183.625	218.	168.	293.125	17.121	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	01/15/85-08/04/99	6	0.	0.	0.	0.	0.	0.	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/21/83-08/04/99	8	100.2	132.3	267.	39.	7127.12	84.422	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/04/83-05/29/99	8 ##	0.05	0.059	0.1	0.025	0.001	0.035	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/04/83-05/09/97	8	0.4	0.428	0.6	0.3	0.01	0.098	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	05/04/83-08/04/99	8	0.08	0.102	0.21	0.048	0.003	0.056	**	**	**	**
00900p	HARDNESS, TOTAL (MG/L AS CaCO3)	05/04/83-08/04/99	8	327.	354.613	501.3	275.	6018.358	77.578	**	**	**	**
00915p	CALCIUM, DISSOLVED (MG/L AS Ca)	05/04/83-08/04/99	8	84.	89.675	130.	67.	483.245	21.983	**	**	**	**
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/04/83-08/04/99	8	32.	32.063	43.	25.	33.746	5.809	**	**	**	**
00930p	SODIUM, DISSOLVED (MG/L AS Na)	05/04/83-08/04/99	8	98.8	103.7	140.	88.	261.463	16.17	**	**	**	**
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	05/04/83-08/04/99	8	4.1	4.375	5.	3.8	0.279	0.528	**	**	**	**
00941p	CHLORIDE, DISSOLVED IN WATER MG/L	05/04/83-08/04/99	8	96.5	101.05	141.5	80.	385.377	19.631	**	**	**	**
00946p	SULFATE, DISSOLVED (MG/L AS SO4)	05/04/83-08/04/99	8	246.2	276.605	430.	200.	8971.518	94.718	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/08/92-08/04/99	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS Ba)	10/08/92-08/04/99	1	72.	72.	72.	72.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/08/92-08/04/99	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/08/92-08/04/99	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	10/08/92-08/04/99	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	10/08/92-08/04/99	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	10/08/92-08/04/99	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/08/92-08/04/99	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	10/08/92-08/04/99	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	10/08/92-08/04/99	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/08/92-08/04/99	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	05/04/83-05/15/93	6 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
61027	ANIONS, SUM, TOTAL IN WATER MG/L	07/18/91-08/04/99	2	538.	538.	629.	447.	16562.	128.693	**	**	**	**
61944	CATIONS, SUM, TOTAL IN WATER, MG/L	07/18/91-08/04/99	2	246.5	246.5	261.	232.	420.5	20.506	**	**	**	**
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/04/83-08/04/99	8	680.	729.125	1074.	564.	29854.125	172.783	**	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	10/08/92-08/04/99	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/04/83-05/15/93	6 ##	1.25	1.183	2.5	0.25	0.757	0.87	**	**	**	**
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	05/04/83-05/15/93	6	0.074	0.065	0.1	0.025	0.001	0.032	**	**	**	**
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/04/83-05/15/93	6 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/04/83-05/15/93	6 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/04/83-05/15/93	6 ##	10.	10.833	15.	10.	4.167	2.041	**	**	**	**
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	05/04/83-05/15/93	6	0.705	0.872	1.55	0.37	0.288	0.536	**	**	**	**
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/04/83-05/15/93	6 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/04/83-05/15/93	6	40.5	44.667	85.	27.	437.867	20.925	**	**	**	**
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/04/83-05/15/93	6 ##	0.075	0.158	0.6	0.05	0.047	0.218	**	**	**	**
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/04/83-05/15/93	6 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/04/83-05/15/93	6	10.5	12.667	25.	5.	46.667	6.831	**	**	**	**

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

Seasonal Analysis for Season #3: 4/01 to 5/31 - Station CANY0156

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/21/83-08/04/99	14	13.8	14.093	18.	8.9	6.87	2.621	10.	12.475	16.325	17.95
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/29/93-08/04/99	6	21.9	21.467	36.	7.2	87.963	9.379	**	**	**	**
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/04/83-08/04/99	16	217.5	243.25	702.	90.	30101.133	173.497	92.1	100.5	312.	553.6
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/21/83-06/16/99	14	570.5	717.	1416.	316.	111141.692	333.379	362.	452.25	975.25	1276.5
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/04/83-08/04/99	16	535.	647.938	1395.	352.	82400.596	287.055	361.1	443.25	858.75	1108.
00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	01/15/85-08/04/99	14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00300	OXYGEN, DISSOLVED MG/L	08/01/84-04/13/99	12	8.4	8.683	16.5	3.8	9.118	3.02	4.4	7.45	9.35	14.7
00400	PH (STANDARD UNITS)	07/08/86-08/04/99	13	8.	8.025	8.53	7.64	0.073	0.271	7.664	7.815	8.15	8.518
00400	CONVERTED PH (STANDARD UNITS)	07/08/86-08/04/99	13	8.	7.956	8.53	7.64	0.078	0.28	7.664	7.815	8.15	8.518
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/08/86-08/04/99	13	0.01	0.011	0.023	0.003	0.	0.006	0.003	0.007	0.015	0.022
00405p	CARBON DIOXIDE (MG/L AS CO2)	05/04/83-08/04/99	16	2.	2.5	5.	1.	1.733	1.317	1.	1.25	3.	5.
00406p	PH, FIELD, STANDARD UNITS SU	08/01/84-08/04/99	13	7.8	7.569	8.2	6.6	0.289	0.538	6.72	6.95	7.9	8.2
00406p	CONVERTED PH, FIELD, STANDARD UNITS	08/01/84-08/04/99	13	7.8	7.249	8.2	6.6	0.4	0.633	6.72	6.95	7.9	8.2
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/01/84-08/04/99	13	0.016	0.056	0.251	0.006	0.005	0.074	0.006	0.013	0.113	0.201
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	05/04/83-08/04/99	16	115.	122.313	167.	88.	425.163	20.619	98.5	109.25	137.25	155.1
00440p	BICARBONATE ION (MG/L AS HCO3)	05/04/83-08/04/99	16	140.5	149.438	204.	108.	635.996	25.219	120.6	133.25	168.	190.
00445	CARBONATE ION (MG/L AS CO3)	01/15/85-08/04/99	14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/21/83-08/04/99	15	536.	649.98	1830.	187.	198775.677	445.843	213.22	340.	800.	1494.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/04/83-05/29/99	16 ##	0.038	0.047	0.1	0.025	0.001	0.026	0.025	0.025	0.066	0.088
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/04/83-05/09/97	13	0.69	0.973	3.1	0.05	0.684	0.827	0.126	0.45	1.508	2.58
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	05/04/83-08/04/99	16	0.329	0.356	1.18	0.094	0.064	0.254	0.105	0.215	0.438	0.711
00900p	HARDNESS, TOTAL (MG/L AS CaCO3)	05/04/83-08/04/99	16	185.75	213.206	386.9	131.	5042.357	71.01	137.3	161.35	277.15	322.99
00915p	CALCIUM, DISSOLVED (MG/L AS Ca)	05/04/83-08/04/99	16	50.5	55.606	99.	36.5	264.693	16.269	38.95	44.3	66.925	83.6
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/04/83-08/04/99	16	14.75	18.106	34.	9.7	59.691	7.726	9.91	12.65	24.75	31.2
00930p	SODIUM, DISSOLVED (MG/L AS Na)	05/04/83-08/04/99	16	40.	54.113	160.	18.	1450.993	38.092	20.94	27.275	75.95	118.
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	05/04/83-08/04/99	16	2.7	3.162	6.	1.8	1.276	1.13	2.15	2.403	3.975	5.3
00941p	CHLORIDE, DISSOLVED IN WATER MG/L	05/04/83-08/04/99	16	23.75	45.119	171.5	2.1	2111.627	45.952	8.33	19.5	66.925	130.2
00946p	SULFATE, DISSOLVED (MG/L AS SO4)	05/04/83-08/04/99	16	121.785	141.589	320.	59.	5749.825	75.828	63.48	74.21	209.75	250.
01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/08/92-08/04/99	7 ##	2.5	2.5	2.5	0.	0.	0.	**	**	**	**
01005	BARIIUM, DISSOLVED (UG/L AS Ba)	10/08/92-08/04/99	7	61.	57.457	71.	41.	99.53	9.976	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS Cd)	10/08/92-08/04/99	7 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/08/92-08/04/99	7 ##	2.5	3.157	7.1	2.5	3.023	1.739	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	10/08/92-08/04/99	7 ##	6.	6.	6.	6.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS Fe)	10/08/92-08/04/99	7	21.	20.986	37.7	10.	145.655	12.069	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS Pb)	10/08/92-08/04/99	7 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/08/92-08/04/99	7 ##	2.5	3.186	7.3	2.5	3.291	1.814	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS Ag)	10/08/92-08/04/99	7 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS Zn)	10/08/92-08/04/99	7 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/08/92-08/04/99	7	1.6	1.471	2.	1.	0.136	0.368	**	**	**	**
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	05/04/83-05/15/93	9 ##	0.25	0.861	2.5	0.25	0.924	0.961	0.25	0.25	1.75	2.5
61027	ANIONS, SUM, TOTAL IN WATER MG/L	07/18/91-08/04/99	9	196.	207.	328.	121.	4472.75	66.879	121.	160.	263.	328.
61944	CATIONS, SUM, TOTAL IN WATER, MG/L	07/18/91-08/04/99	9	100.	104.222	159.	70.	706.944	26.588	70.	86.5	120.5	159.
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/04/83-08/04/99	16	349.	417.875	916.	228.	35916.517	189.517	230.8	279.5	559.5	718.6
71890	MERCURY, DISSOLVED (UG/L AS Hg)	10/08/92-08/04/99	7 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/04/83-05/15/93	9	2.5	2.833	5.	2.	0.875	0.935	2.	2.25	3.25	5.
82703	BARIIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	05/04/83-05/15/93	9	0.11	0.112	0.21	0.025	0.003	0.055	0.025	0.078	0.15	0.21
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/04/83-05/15/93	9 ##	0.5	0.667	1.	0.5	0.063	0.25	0.5	0.5	1.	1.
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/04/83-05/15/93	9 ##	2.5	3.389	8.	2.5	3.674	1.917	2.5	2.5	3.75	8.
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/04/83-05/15/93	9 ##	10.	12.778	25.	10.	31.944	5.652	10.	10.	15.	25.
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	05/04/83-05/15/93	9	3.3	3.712	6.99	0.015	6.019	2.453	0.015	1.6	6.25	6.99
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/04/83-05/15/93	9	5.	12.444	33.	1.5	169.778	13.03	1.5	2.5	27.5	33.
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/04/83-05/15/93	9	150.	254.444	770.	5.	57155.028	239.071	5.	93.5	399.	770.
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/04/83-05/15/93	9 ##	0.1	0.078	0.1	0.05	0.001	0.026	0.05	0.05	0.1	0.1
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/04/83-05/15/93	9 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/04/83-05/15/93	9	40.	44.222	95.	10.	806.944	28.407	10.	21.5	67.5	95.

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

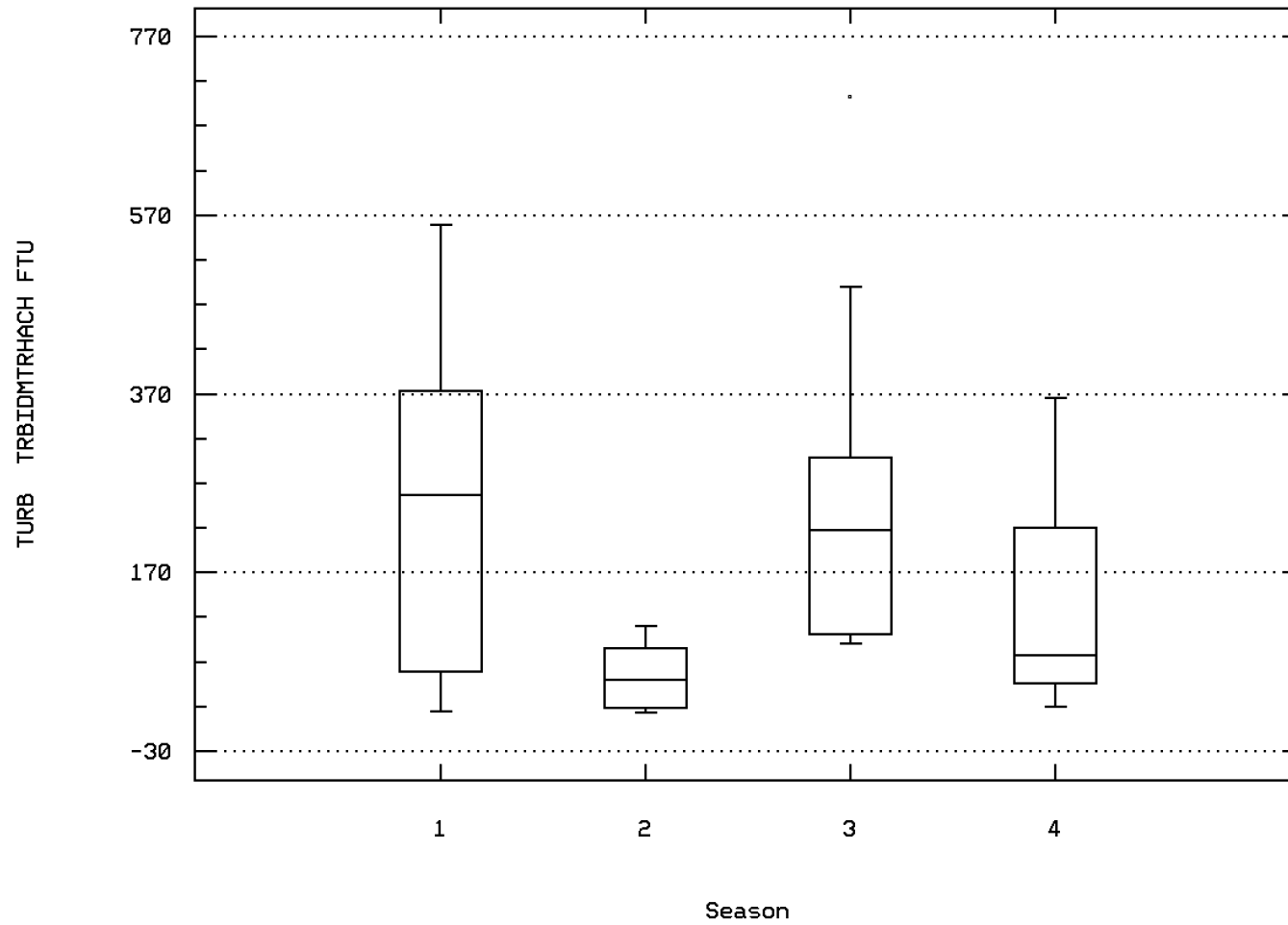
Seasonal Analysis for Season #4: 6/01 to 7/14 - Station CANY0156

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/21/83-08/04/99	10	19.15	20.72	27.3	13.6	18.248	4.272	14.04	18.675	25.075	27.25
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/29/93-08/04/99	7	33.	32.743	37.	28.	8.196	2.863	**	**	**	**
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/04/83-08/04/99	12	77.55	133.225	365.	20.	15049.788	122.678	20.33	44.25	235.	357.5
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/21/83-06/16/99	10	462.5	589.2	1105.	359.	75530.844	274.829	359.1	383.25	796.5	1096.8
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/04/83-08/04/99	12	530.	631.167	1230.	331.	89667.606	299.445	334.6	391.75	777.	1196.1
00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	01/15/85-08/04/99	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00300	OXYGEN, DISSOLVED MG/L	08/01/84-04/13/99	7	8.	8.086	9.7	6.3	1.041	1.021	**	**	**	**
00400	PH (STANDARD UNITS)	07/08/86-08/04/99	11	8.	7.955	8.4	7.3	0.092	0.303	7.38	7.8	8.14	8.38
00400	CONVERTED PH (STANDARD UNITS)	07/08/86-08/04/99	11	8.	7.846	8.4	7.3	0.105	0.323	7.38	7.8	8.14	8.38
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/08/86-08/04/99	11	0.01	0.014	0.05	0.004	0.	0.013	0.004	0.007	0.016	0.044
00405p	CARBON DIOXIDE (MG/L AS CO2)	05/04/83-08/04/99	12	2.	2.5	8.	1.	4.455	2.111	1.	1.	3.	7.1
00406p	PH, FIELD, STANDARD UNITS SU	08/01/84-08/04/99	10	7.65	7.64	8.4	7.1	0.156	0.395	7.12	7.3	7.875	8.37
00406p	CONVERTED PH, FIELD, STANDARD UNITS	08/01/84-08/04/99	10	7.647	7.505	8.4	7.1	0.176	0.42	7.12	7.3	7.875	8.37
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/01/84-08/04/99	10	0.023	0.031	0.079	0.004	0.001	0.023	0.004	0.014	0.05	0.077
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	05/04/83-08/04/99	12	102.5	106.833	145.	78.	574.515	23.969	78.9	86.	130.	143.2
00440p	BICARBONATE ION (MG/L AS HCO3)	05/04/83-08/04/99	12	125.5	130.	170.	95.	798.364	28.255	96.2	105.	159.	169.7
00445	CARBONATE ION (MG/L AS CO3)	01/15/85-08/04/99	12	0.	0.25	3.	0.	0.75	0.866	0.	0.	0.	2.1
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/21/83-08/04/99	12	253.5	440.05	1200.	161.	150790.217	388.317	162.86	178.75	659.75	1198.8
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/04/83-05/29/99	11 ##	0.025	0.048	0.118	0.025	0.001	0.033	0.025	0.025	0.058	0.114
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/04/83-05/09/97	10	0.514	0.62	1.8	0.19	0.203	0.451	0.201	0.375	0.71	1.7
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	05/04/83-08/04/99	11	0.16	0.223	0.6	0.045	0.035	0.186	0.049	0.11	0.3	0.589
00900p	HARDNESS, TOTAL (MG/L AS CaCO3)	05/04/83-08/04/99	12	188.95	216.267	397.9	123.1	8506.592	92.231	123.22	146.4	273.65	389.89
00915p	CALCIUM, DISSOLVED (MG/L AS Ca)	05/04/83-08/04/99	12	52.1	58.183	110.	35.	551.029	23.474	35.	41.4	66.25	105.8
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/04/83-08/04/99	12	14.15	17.308	32.	8.7	76.012	8.718	8.73	10.475	27.25	31.4
00930p	SODIUM, DISSOLVED (MG/L AS Na)	05/04/83-08/04/99	12	36.6	47.158	99.	18.	810.984	28.478	18.9	23.775	66.5	97.8
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	05/04/83-08/04/99	12	2.05	2.585	5.	1.6	1.151	1.073	1.633	1.763	3.	4.73
00941p	CHLORIDE, DISSOLVED IN WATER MG/L	05/04/83-08/04/99	12	25.25	40.425	100.	14.5	982.667	31.348	14.5	20.075	61.175	99.67
00946p	SULFATE, DISSOLVED (MG/L AS SO4)	05/04/83-08/04/99	12	114.95	144.961	310.	58.26	7867.099	88.697	60.588	70.753	217.5	303.742
01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/08/92-08/04/99	7 ##	2.5	2.5	2.5	0.	0.	0.	**	**	**	**
01005	BARIIUM, DISSOLVED (UG/L AS Ba)	10/08/92-08/04/99	7	58.	66.286	110.	44.	604.238	24.581	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS Cd)	10/08/92-08/04/99	7 ##	0.5	0.5	0.5	0.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/08/92-08/04/99	7 ##	2.5	2.5	2.5	0.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	10/08/92-08/04/99	7 ##	6.	7.143	10.	6.	3.81	1.952	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS Fe)	10/08/92-08/04/99	7	21.2	49.686	190.	10.	4181.385	64.664	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS Pb)	10/08/92-08/04/99	7 ##	1.5	1.5	1.5	0.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/08/92-08/04/99	7 ##	2.5	6.814	26.	2.5	74.308	8.62	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS Ag)	10/08/92-08/04/99	7 ##	1.	1.	1.	0.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS Zn)	10/08/92-08/04/99	7 ##	15.	15.	15.	0.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS Se)	10/08/92-08/04/99	7	1.3	1.757	5.	0.5	2.243	1.498	**	**	**	**
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	05/04/83-05/15/93	5 ##	0.25	0.3	0.5	0.25	0.013	0.112	**	**	**	**
61027	ANIONS, SUM, TOTAL IN WATER MG/L	07/18/91-08/04/99	7	154.	193.429	468.	120.	15041.286	122.643	**	**	**	**
61944	CATIONS, SUM, TOTAL IN WATER, MG/L	07/18/91-08/04/99	7	82.	99.857	231.	63.	3453.476	58.766	**	**	**	**
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/04/83-08/04/99	12	374.	409.5	780.	204.	37018.273	192.401	213.	263.	500.5	773.4
71890	MERCURY, DISSOLVED (UG/L AS Hg)	10/08/92-08/04/99	7 ##	0.1	0.1	0.1	0.	0.	0.	**	**	**	**
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/04/83-05/15/93	5	2.5	2.6	3.5	1.5	0.8	0.894	**	**	**	**
82703	BARIIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	05/04/83-05/15/93	5	0.12	0.12	0.19	0.05	0.003	0.054	**	**	**	**
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/04/83-05/15/93	5 ##	0.5	0.5	0.5	0.	0.	0.	**	**	**	**
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/04/83-05/15/93	5 ##	2.5	7.5	20.	2.5	59.375	7.706	**	**	**	**
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/04/83-05/15/93	5 ##	10.	13.	25.	10.	45.	6.708	**	**	**	**
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	05/04/83-05/15/93	5	3.5	3.85	8.	1.3	7.733	2.781	**	**	**	**
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/04/83-05/15/93	5 ##	2.5	5.5	15.	2.5	29.375	5.42	**	**	**	**
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/04/83-05/15/93	5	95.	219.2	490.	75.	37470.7	193.574	**	**	**	**
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/04/83-05/15/93	5 ##	0.1	0.42	1.	0.1	0.197	0.444	**	**	**	**
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/04/83-05/15/93	5 ##	1.	1.	1.	0.	0.	0.	**	**	**	**
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/04/83-05/15/93	5	30.	43.	95.	10.	1045.	32.326	**	**	**	**

** - Less than 9 observations ## - Computed 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: CANY0156 Parameter Code: 00076

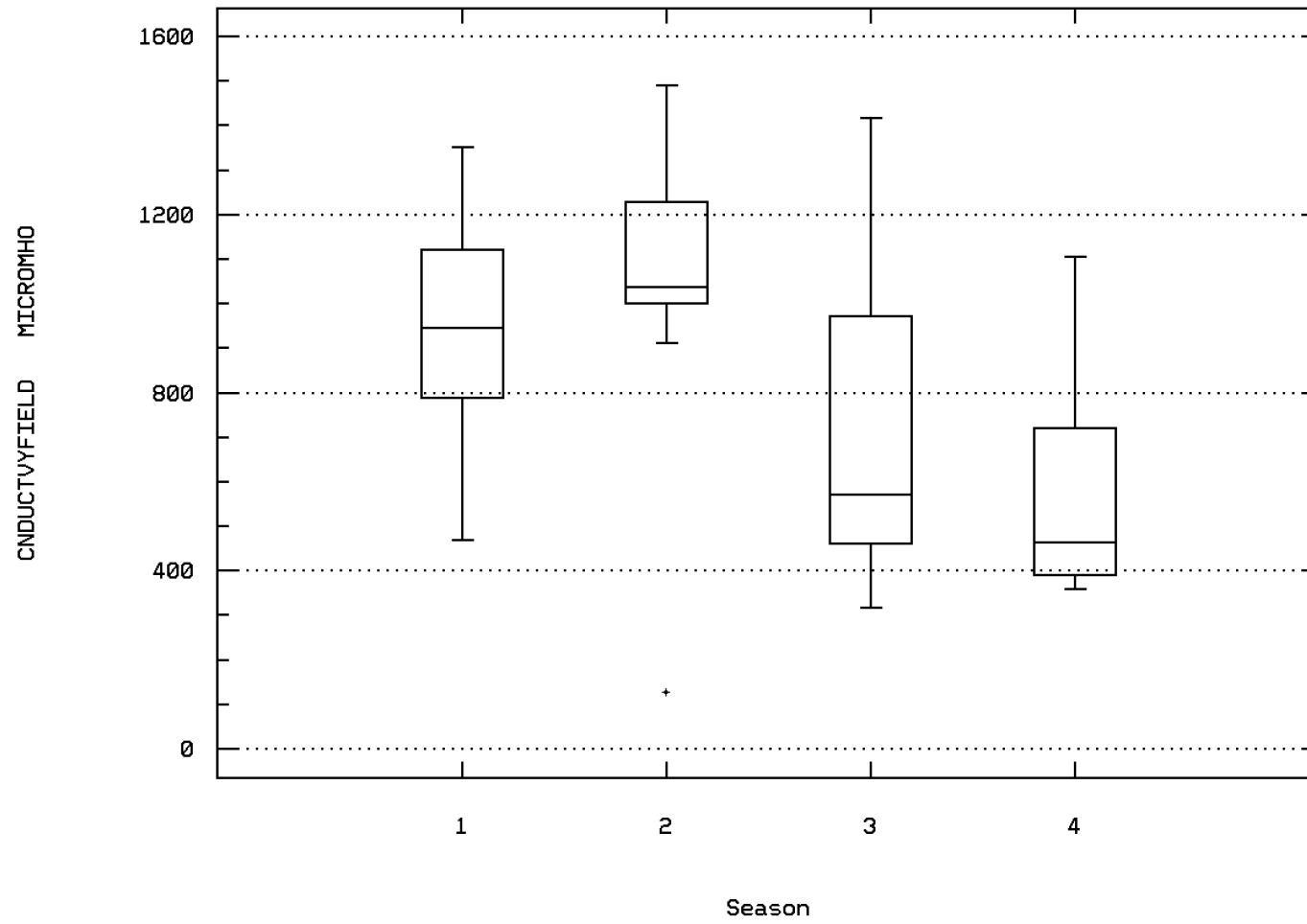
TURBIDITY, HACH TURBIDIMETER (FORMAZIN T



COLORADO R AB CNFL / GREEN R

Station: CANY0156 Parameter Code: 00094

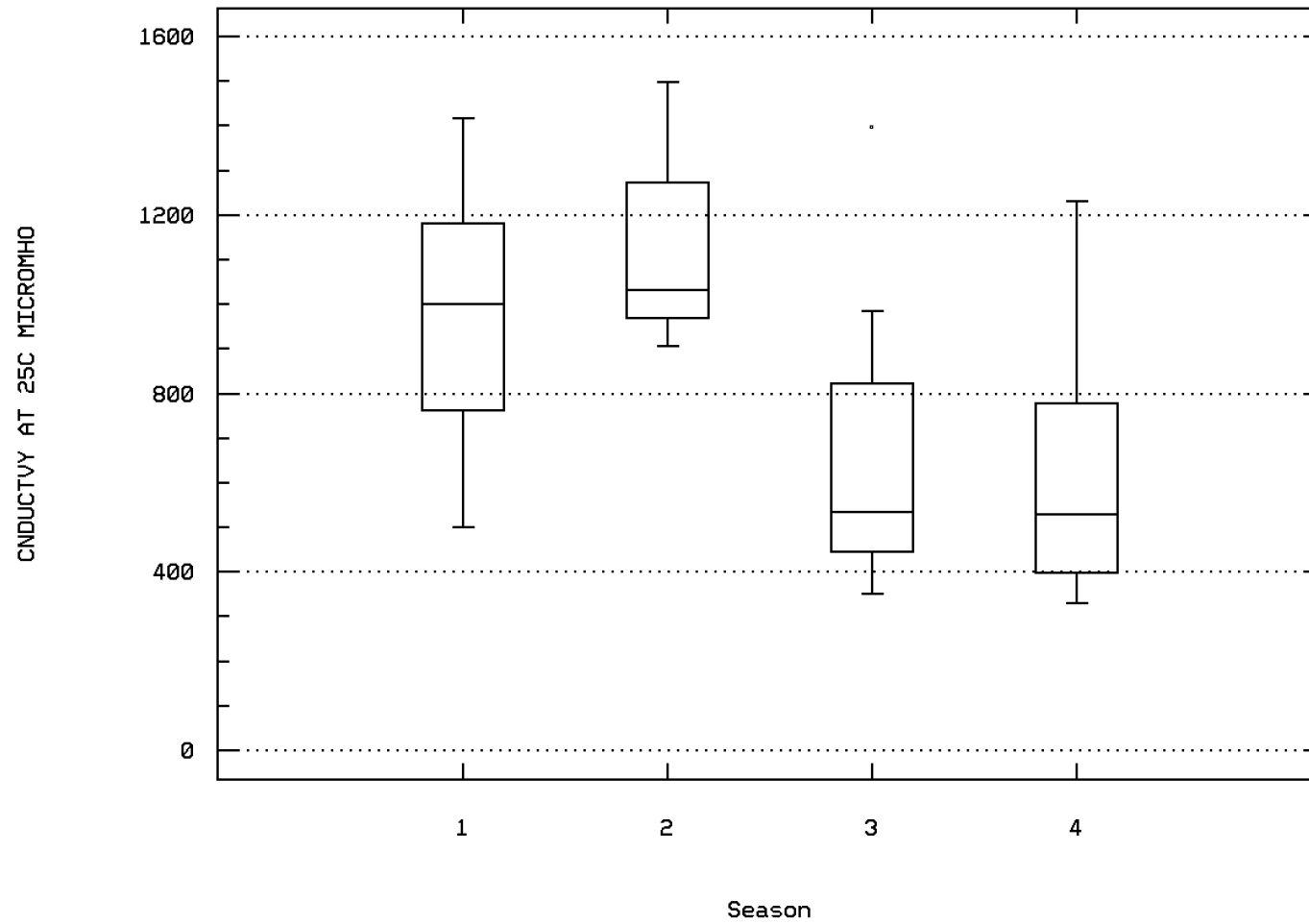
SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @



COLORADO R AB CNFL / GREEN R

Station: CANY0156 Parameter Code: 00095

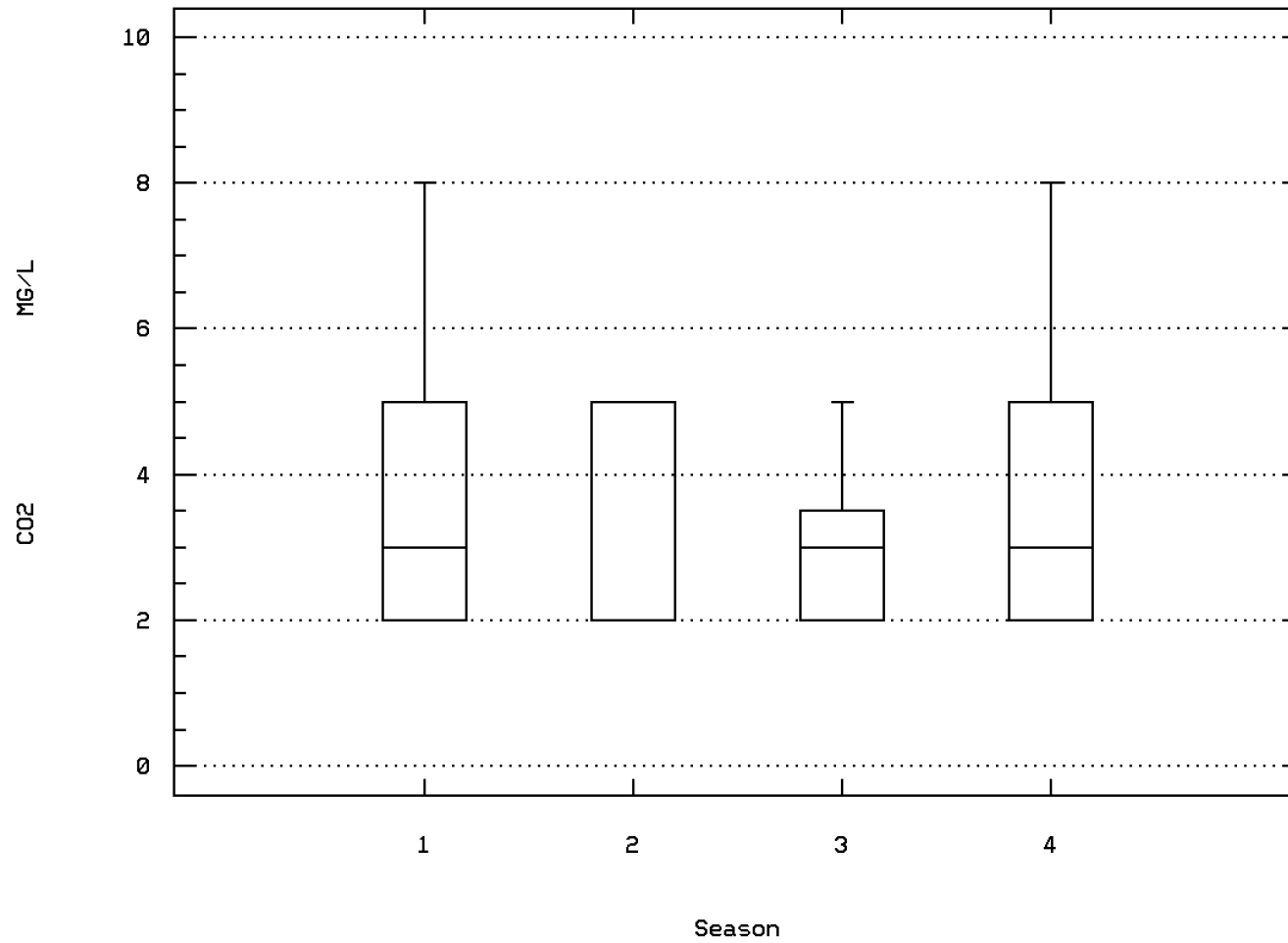
SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)



COLORADO R AB CNFL / GREEN R

Station: CANY0156 Parameter Code: 00405

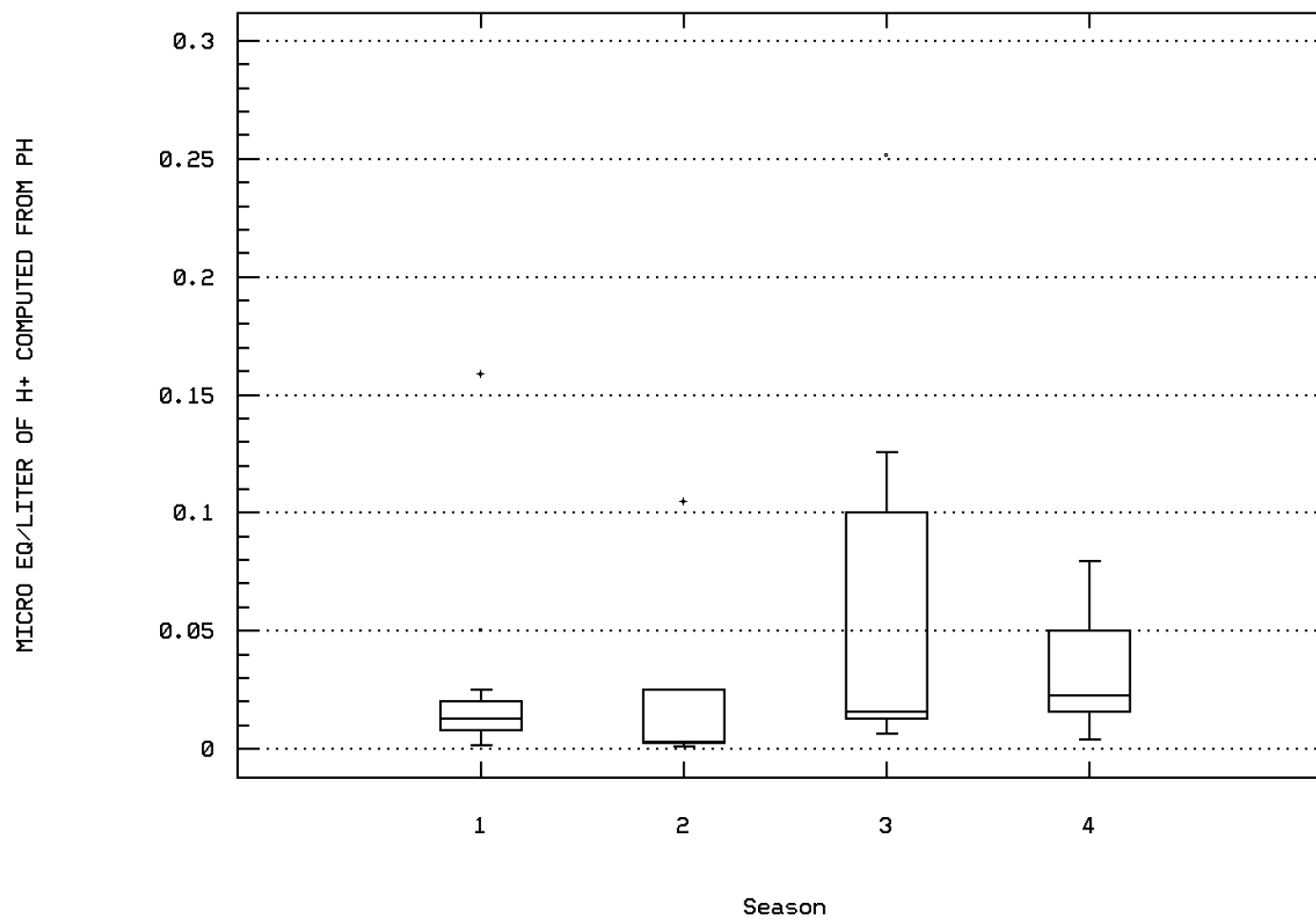
CARBON DIOXIDE (MG/L AS CO2)



COLORADO R AB CNFL / GREEN R

Station: CANY0156 Parameter Code: 00406

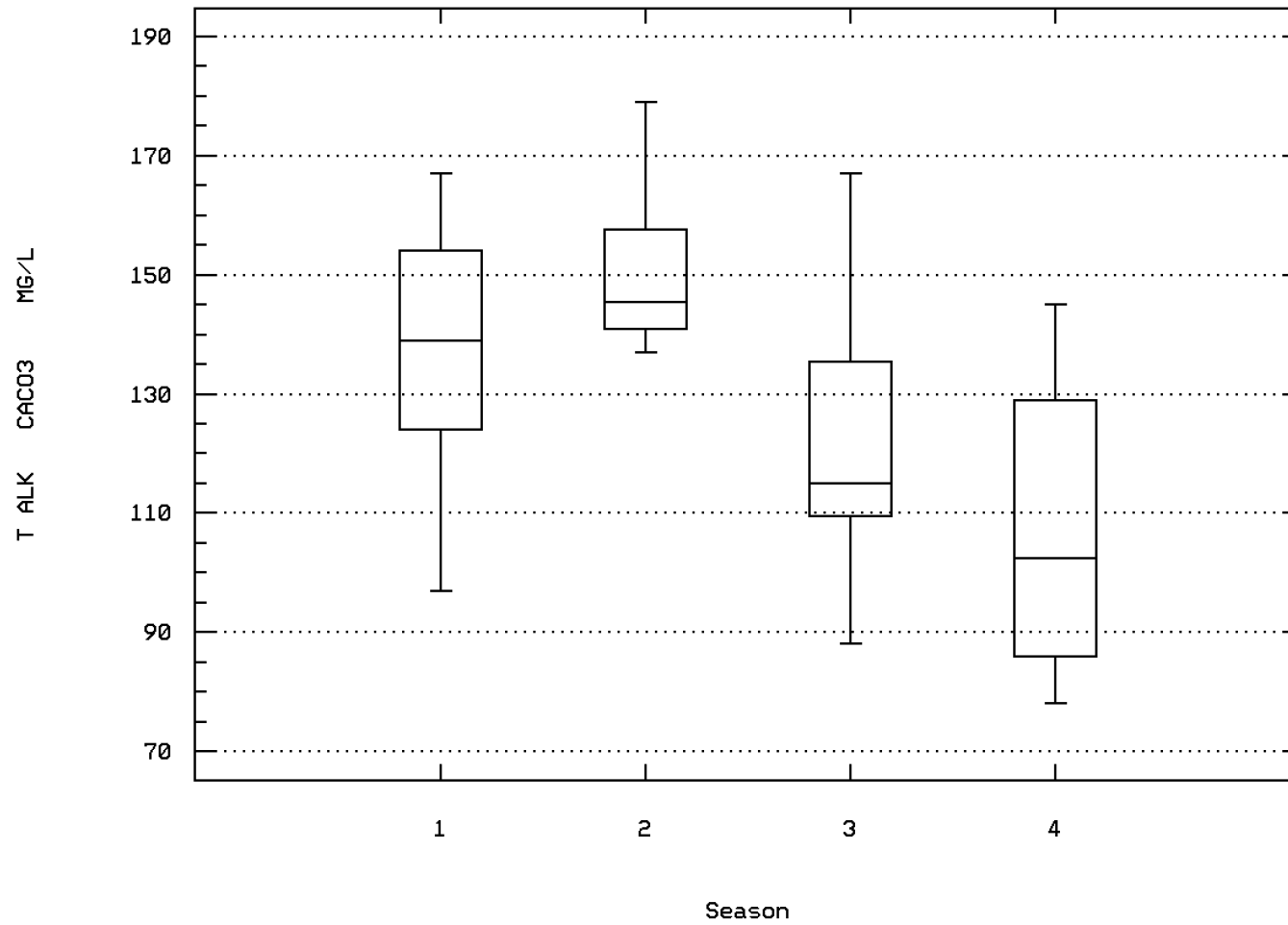
MICRO EQ/LITER OF H+ COMPUTED FROM PH



COLORADO R AB CNFL / GREEN R

Station: CANY0156 Parameter Code: 00410

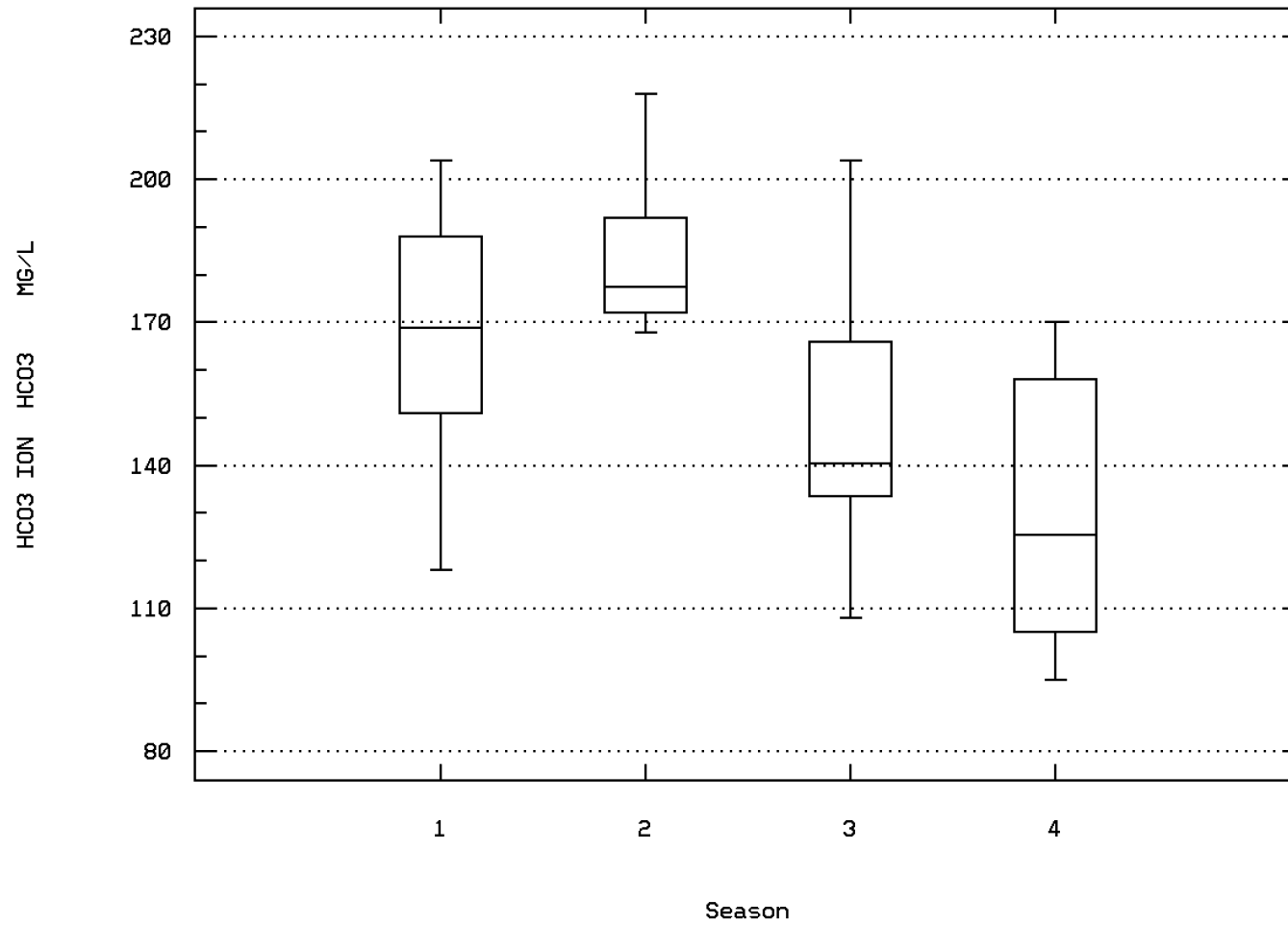
ALKALINITY, TOTAL (MG/L AS CaCO3)



COLORADO R AB CNFL / GREEN R

Station: CANY0156 Parameter Code: 00440

BICARBONATE ION (MG/L AS HCO₃)

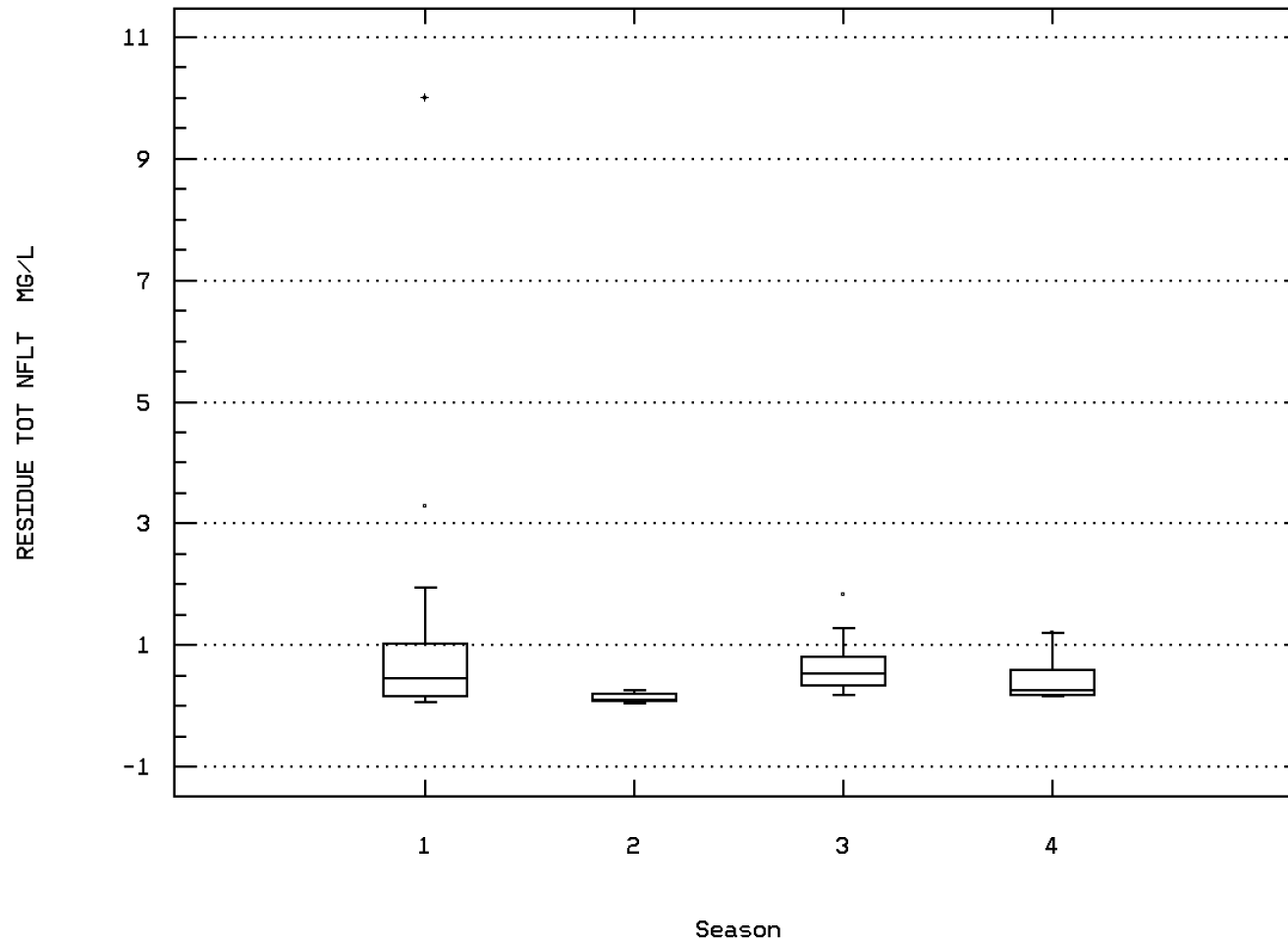


COLORADO R AB CNFL / GREEN R

Station: CANY0156 Parameter Code: 00530

RESIDUE, TOTAL NONFILTRABLE (MG/L)

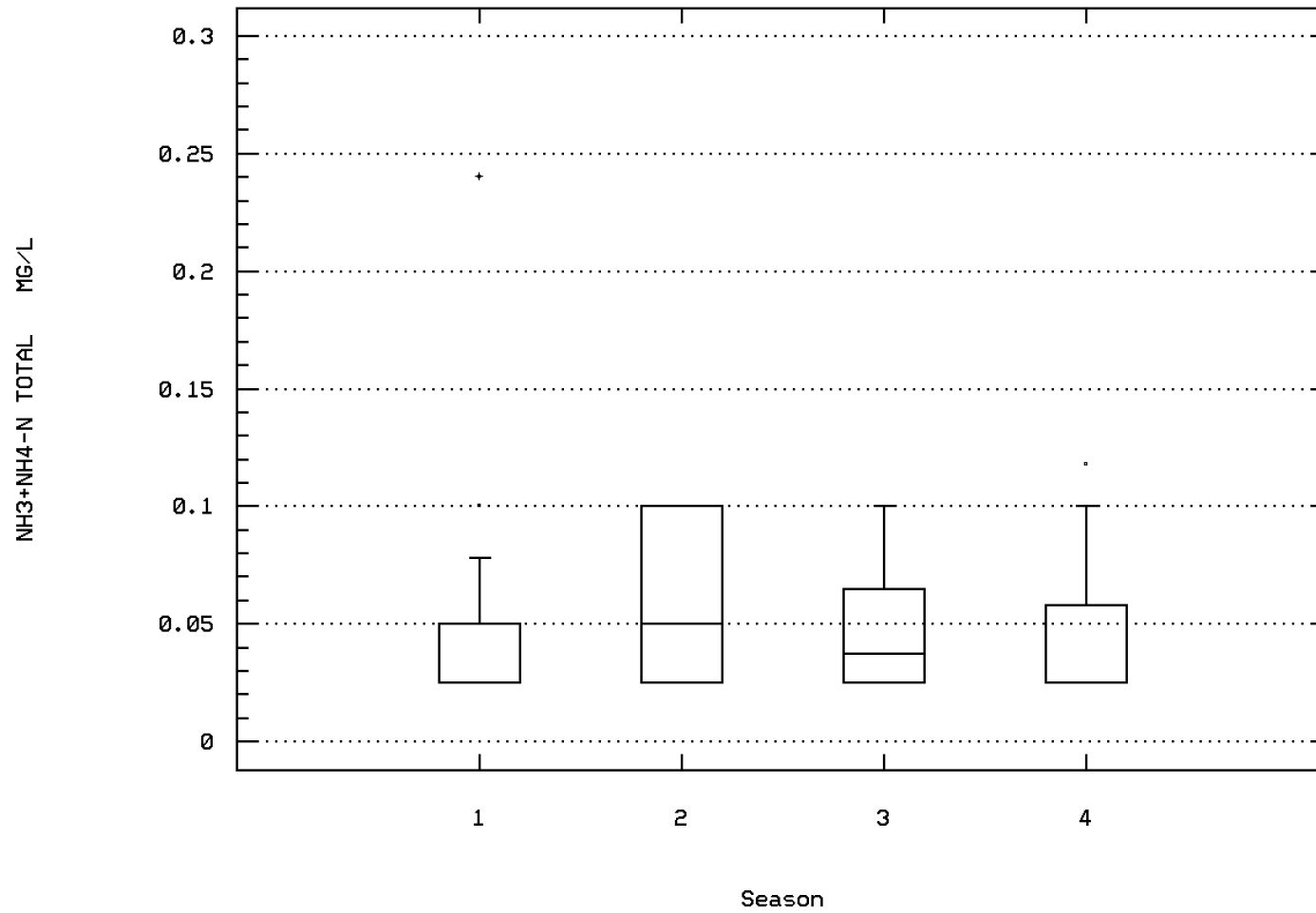
(X 1000)



COLORADO R AB CNFL / GREEN R

Station: CANY0156 Parameter Code: 00610

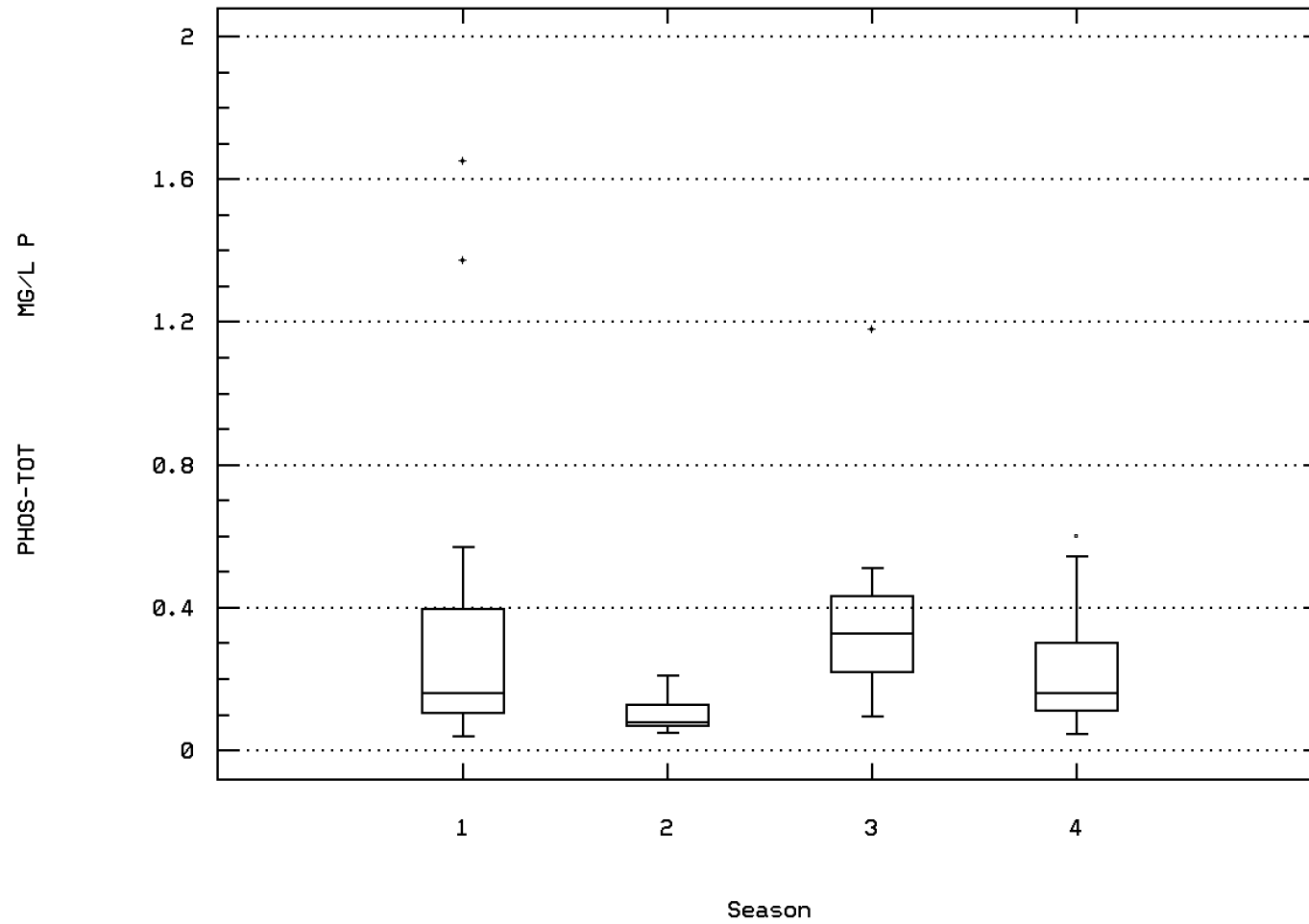
NITROGEN, AMMONIA, TOTAL (MG/L AS N)



COLORADO R AB CNFL / GREEN R

Station: CANY0156 Parameter Code: 00665

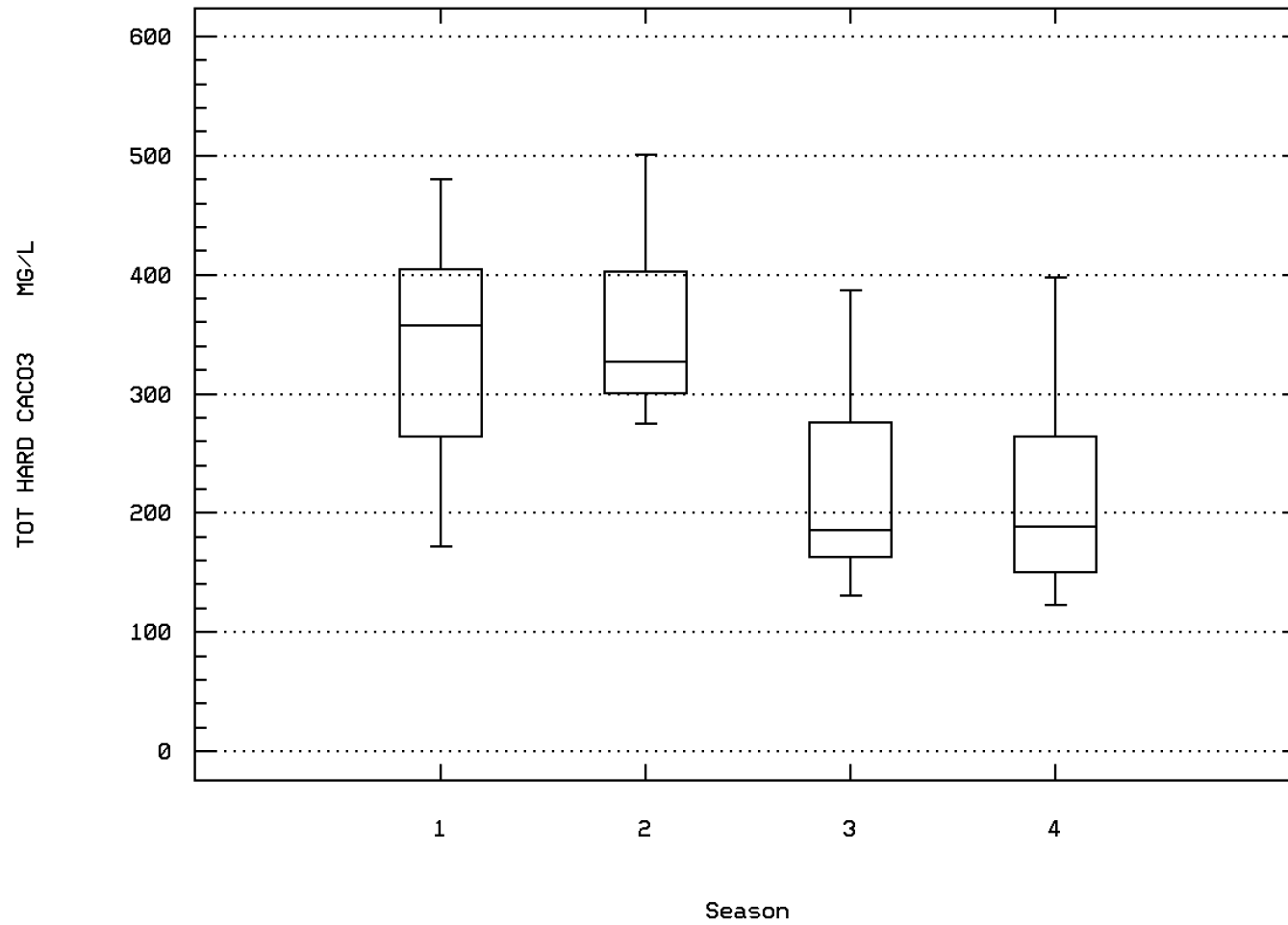
PHOSPHORUS, TOTAL (MG/L AS P)



COLORADO R AB CNFL / GREEN R

Station: CANY0156 Parameter Code: 00900

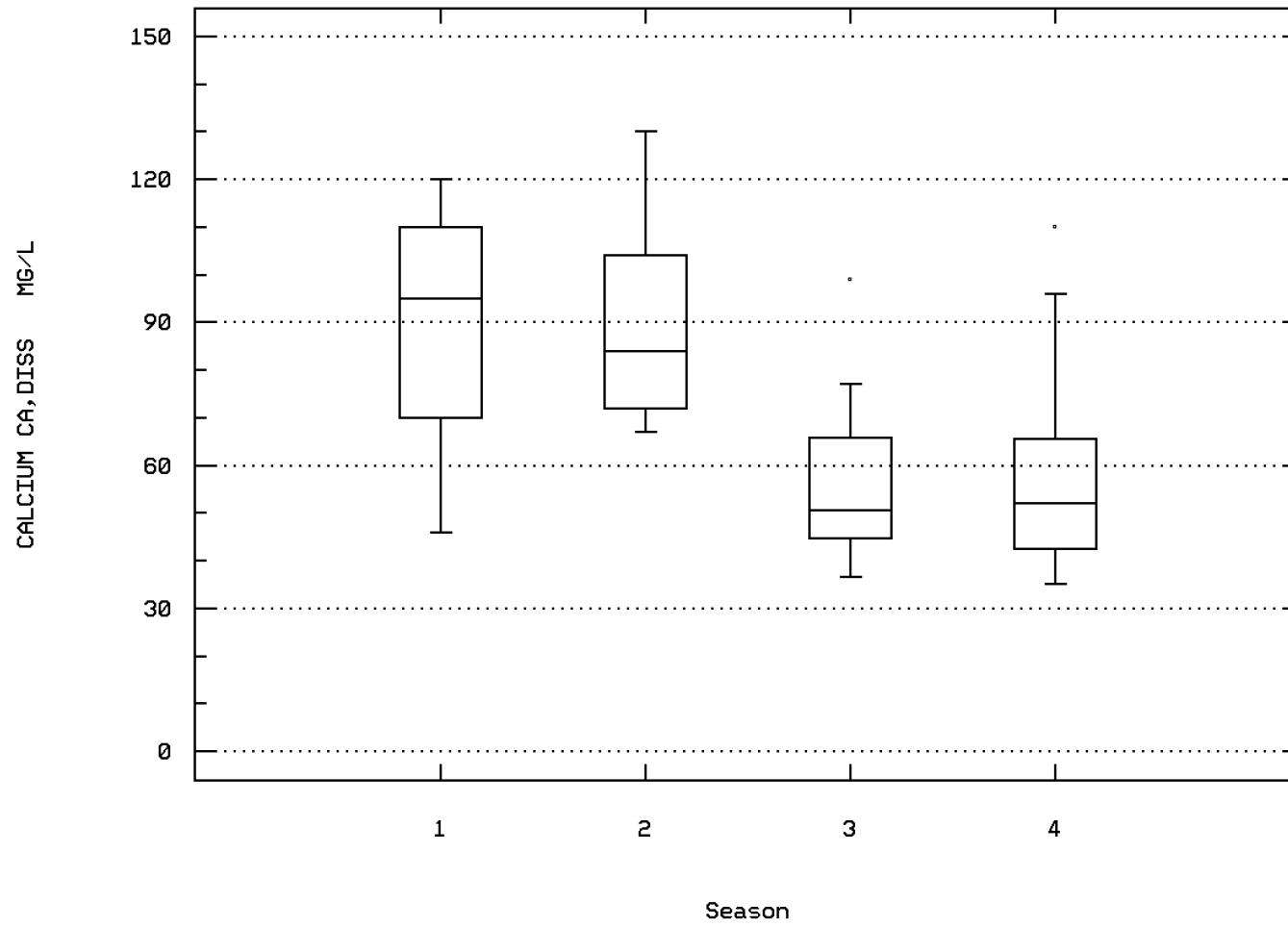
HARDNESS, TOTAL (MG/L AS CaCO3)



COLORADO R AB CNFL / GREEN R

Station: CANY0156 Parameter Code: 00915

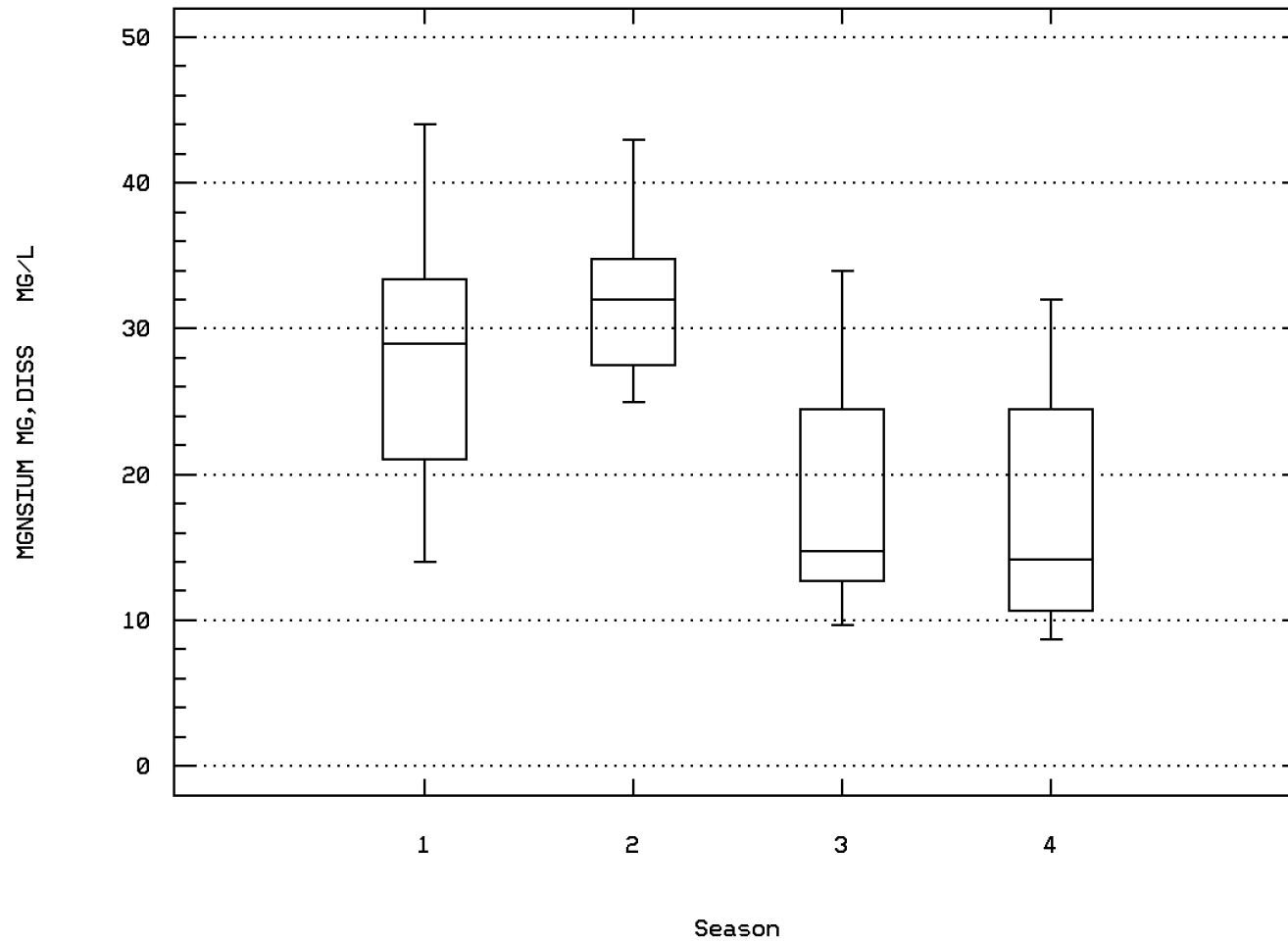
CALCIUM, DISSOLVED (MG/L AS CA)



COLORADO R AB CNFL / GREEN R

Station: CANY0156 Parameter Code: 00925

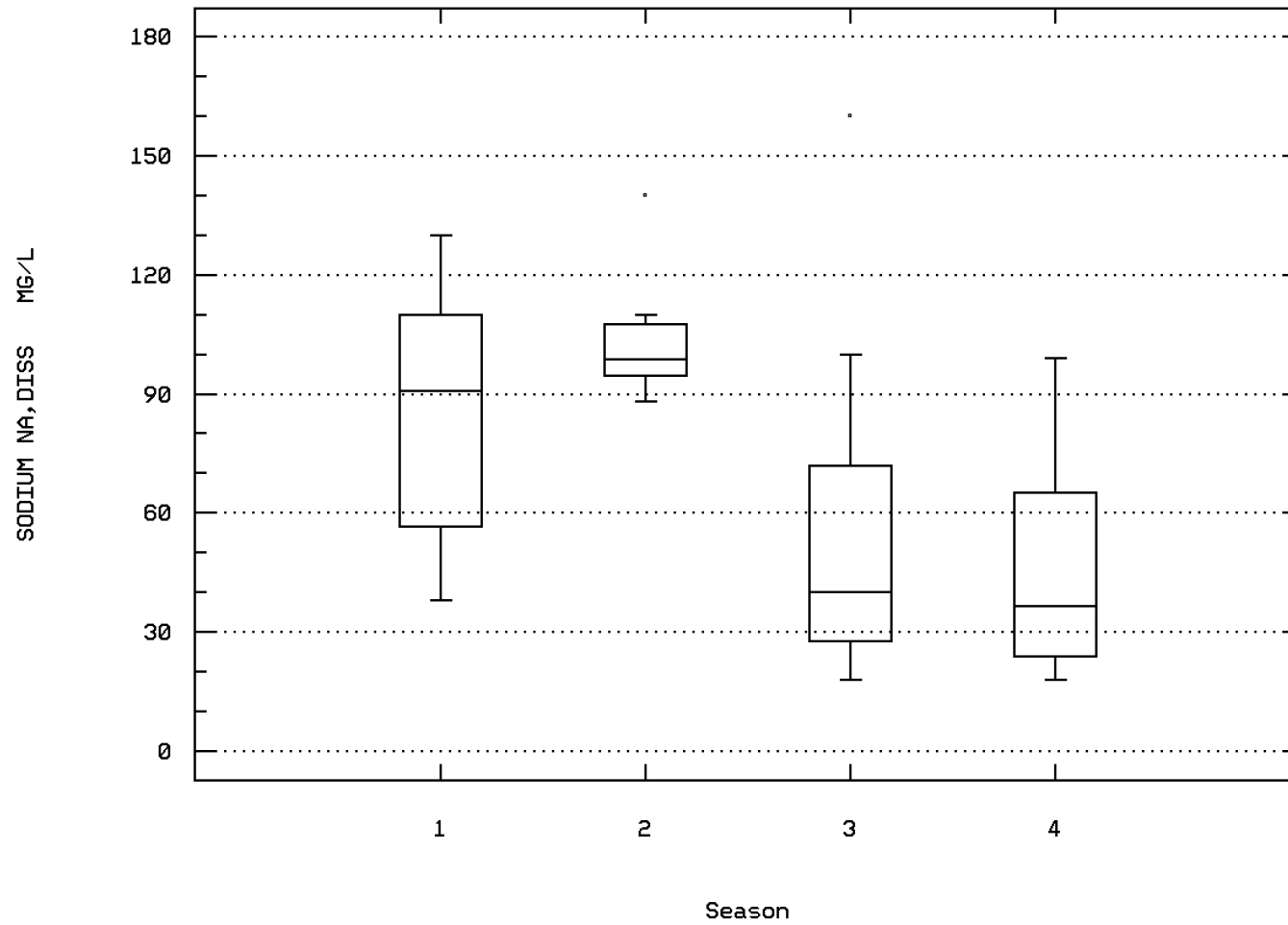
MAGNESIUM, DISSOLVED (MG/L AS MG)



COLORADO R AB CNFL / GREEN R

Station: CANY0156 Parameter Code: 00930

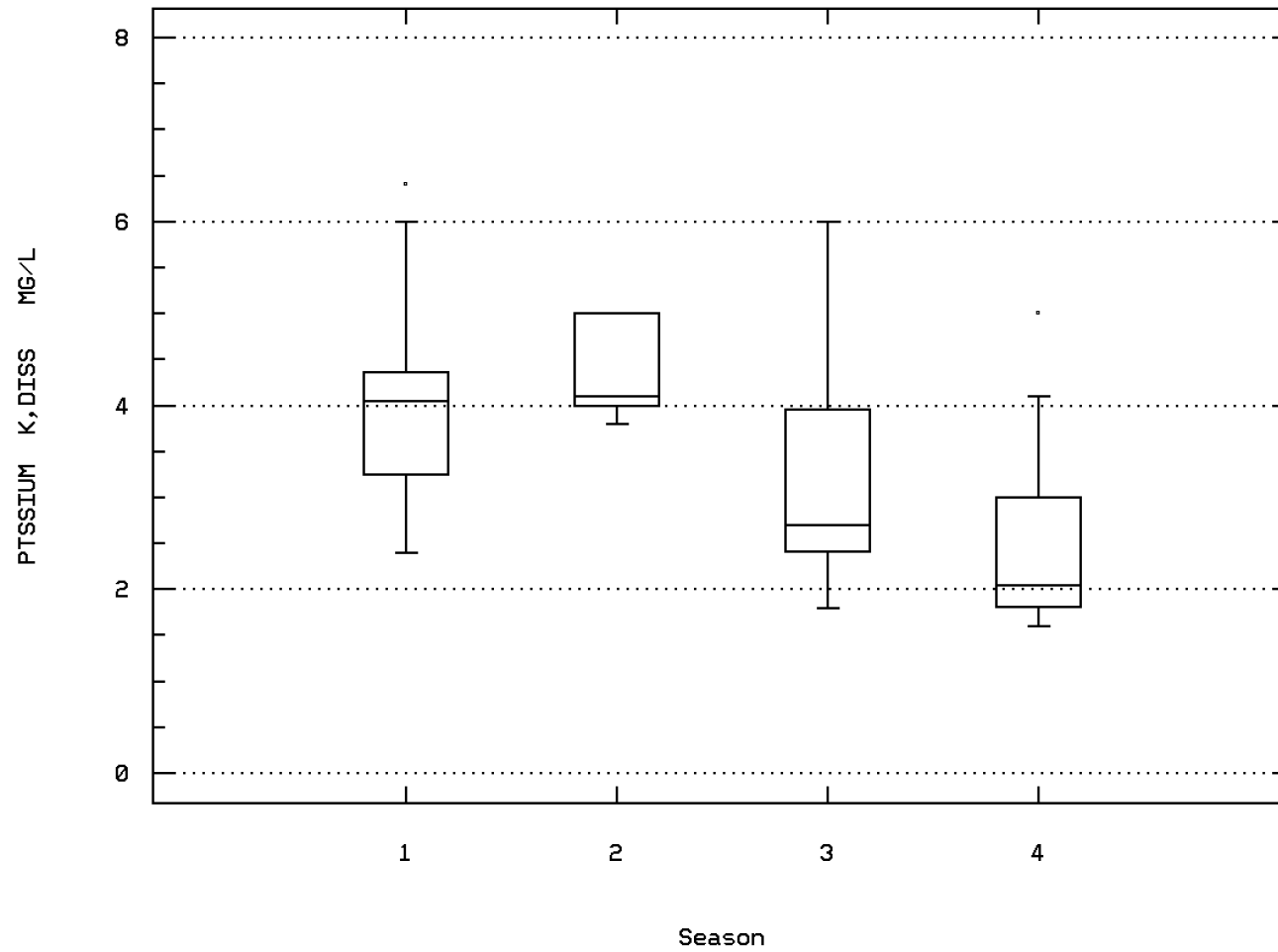
SODIUM, DISSOLVED (MG/L AS NA)



COLORADO R AB CNFL / GREEN R

Station: CANY0156 Parameter Code: 00935

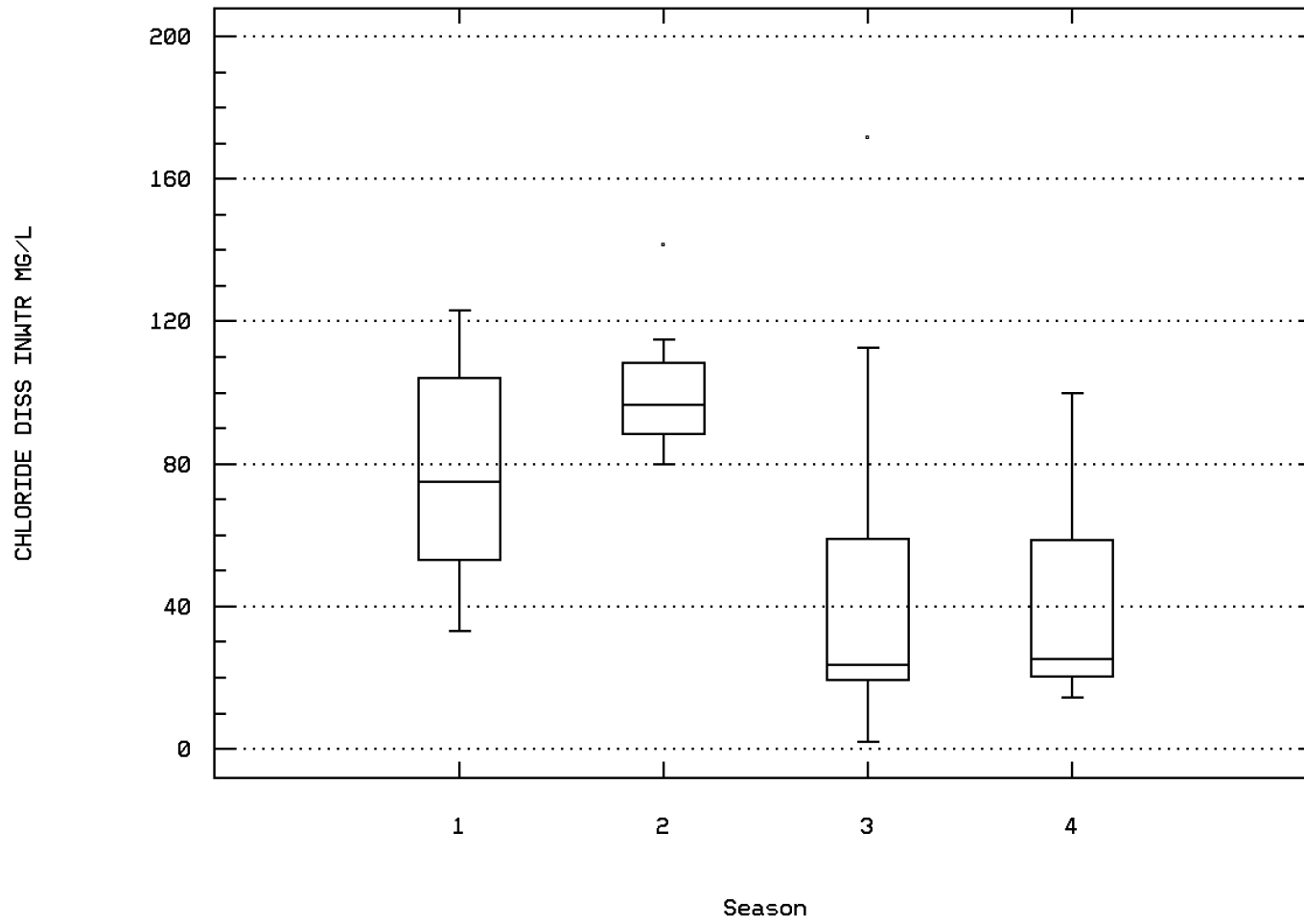
POTASSIUM, DISSOLVED (MG/L AS K)



COLORADO R AB CNFL / GREEN R

Station: CANY0156 Parameter Code: 00941

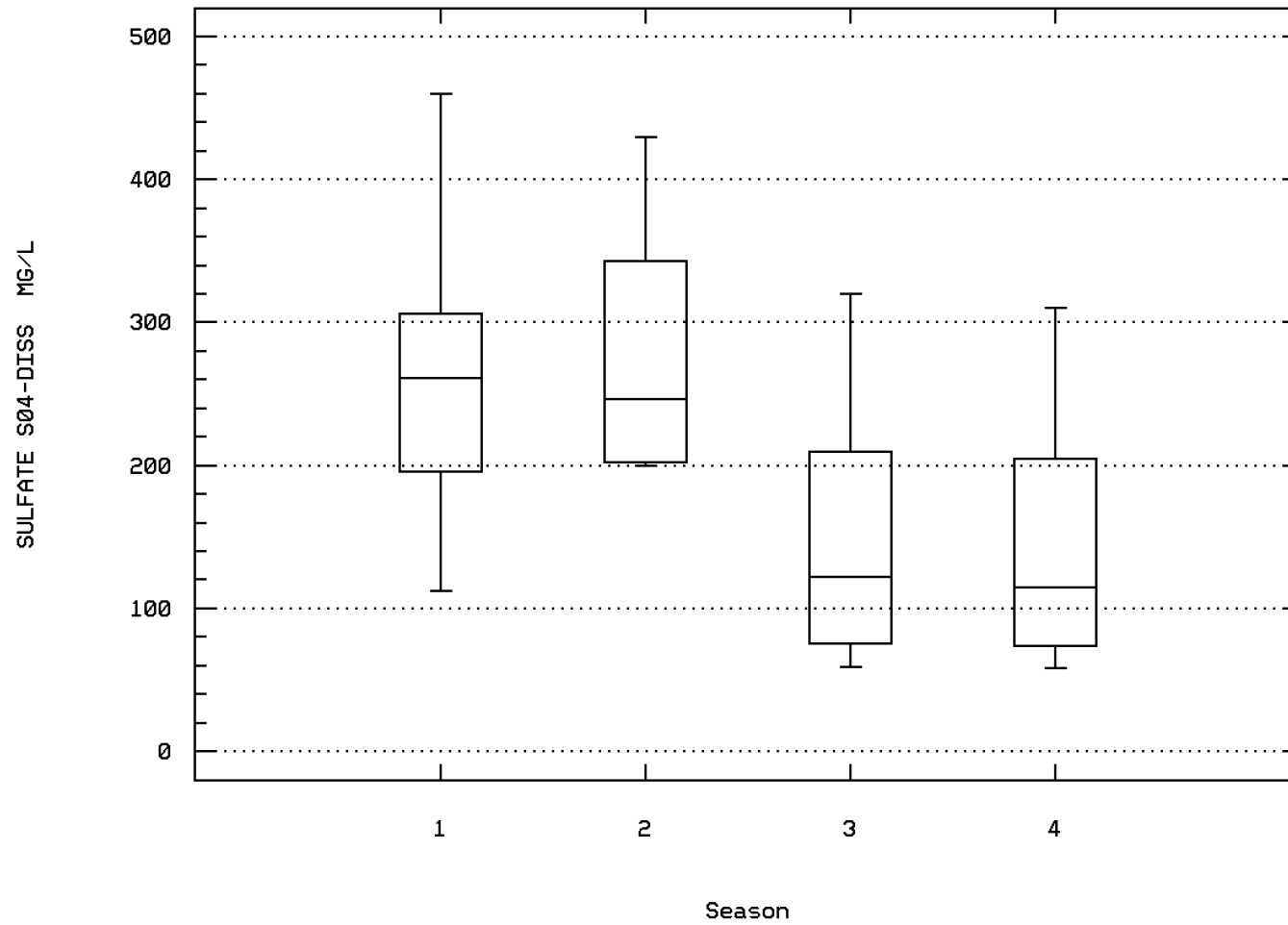
CHLORIDE, DISSOLVED IN WATER



COLORADO R AB CNFL / GREEN R

Station: CANY0156 Parameter Code: 00946

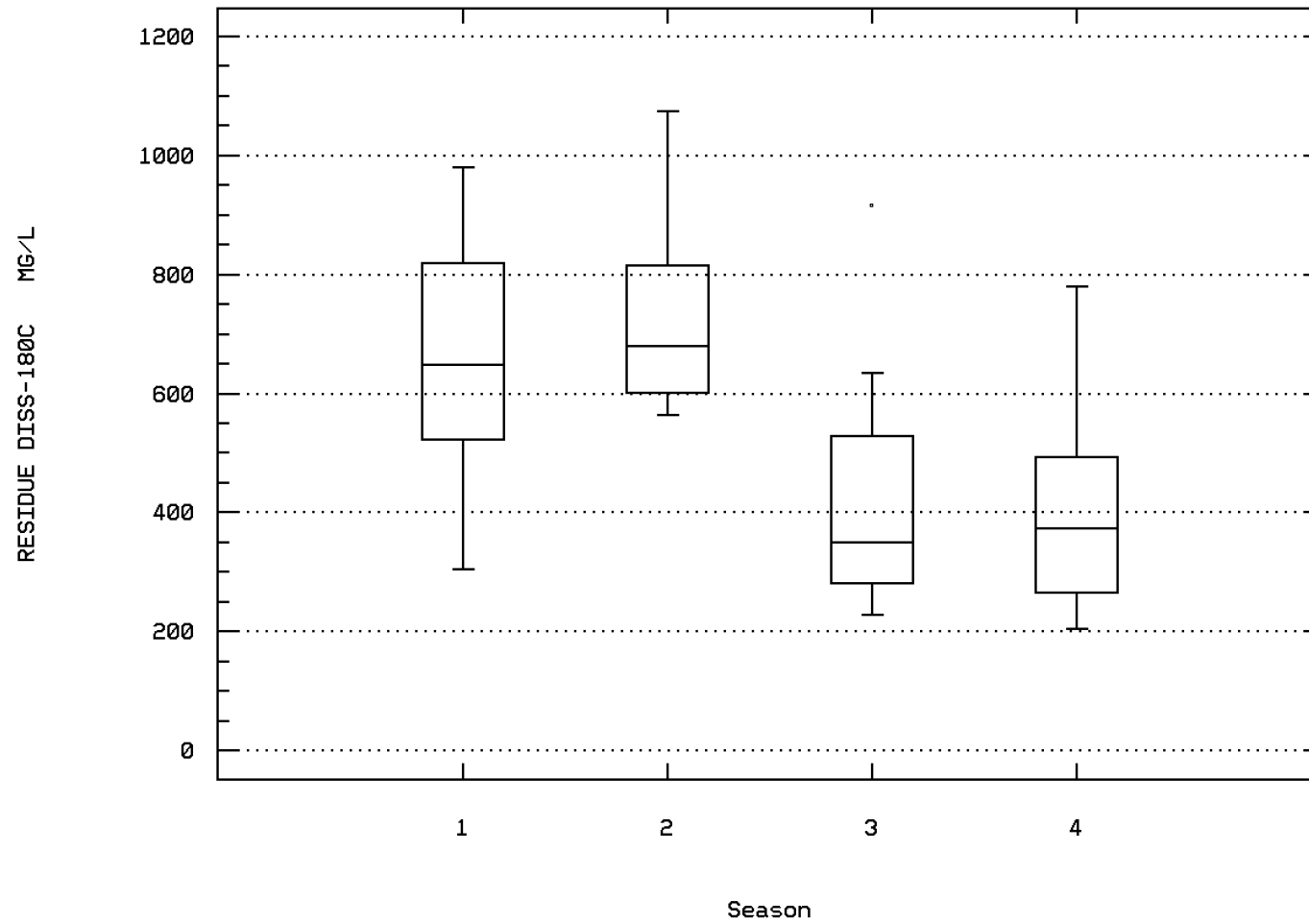
SULFATE, DISSOLVED (MG/L AS S04)



COLORADO R AB CNFL / GREEN R

Station: CANY0156 Parameter Code: 70300

RESIDUE, TOTAL FILTRABLE (DRIED AT 180C)



COLORADO R AB CNFL / GREEN R

Station Inventory for Station: CANY0157

NPS Station ID: CANY0157 LAT/LON: 38.192782/-109.883476

Location: (D-30-19)7C COLORADO RIVER ABOVE GREEN R. CONFL.

Station Type: /TYPA/AMBNT/STREAM

RMI-Indexes:

RMI-Miles:

HUC: 14030005

Major Basin: COLORADO RIVER

Minor Basin: UPPER COLORADO RIVER

RF1 Index: 14030005

RF3 Index: 14070004002901.17

Description:

The station is located on the Spanish Bottom Utah 7.5 minute series (topographic) quadrangle. Samples were collected in the Colorado River immediately upstream of the confluence with the Green River. Flow data are available from USGS record at Cisco. Bacteriological samples were held longer than 30 hours. Source Type: River. Formation: Alluvium. Position: River channel near shore. Substrate: Sand. The data are from the report "Water Resources Descriptions and Data Base Canyonlands National Park Needles District and Adjacent BLM Lands" prepared by Ecosystems Research Institute (October 1984). For information on Canyonlands National Park; contact the Chief of Resources at Canyonlands National Park; 2282 S. West Resource Blvd.; Moab UT 84532 (Tel. 801-259-7164). Data were processed and uploaded to STORET by Lisa Dummer; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Agency: 11NPSWRD

FIPS State/County: 49037 UTAH/SAN JUAN

STORET Station ID(s): CANY_ERI_C2

Within Park Boundary: Yes

Date Created: 08/21/99

Depth of Water: 0

Elevation: 0

RF1 Mile Point: 0.000

RF3 Mile Point: 2.36

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 0.80

Distance from RF3: 0.11

On/Off RF1:

On/Off RF3:

Parameter Inventory for Station: CANY0157

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/27/84-04/27/84	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00094 SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	04/27/84-04/27/84	1	385.	385.	385.	385.	0.	0.	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	04/27/84-04/27/84	1	10.4	10.4	10.4	10.4	0.	0.	**	**	**	**
00406 PH, FIELD, STANDARD UNITS SU	04/27/84-04/27/84	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS	04/27/84-04/27/84	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/27/84-04/27/84	1	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	04/27/84-04/27/84	1	162.	162.	162.	162.	0.	0.	**	**	**	**
00515 RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	04/27/84-04/27/84	1	1264.	1264.	1264.	1264.	0.	0.	**	**	**	**
00600 NITROGEN, TOTAL (MG/L AS N)	04/27/84-04/27/84	1	1.98	1.98	1.98	1.98	0.	0.	**	**	**	**
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/27/84-04/27/84	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00615 NITRITE NITROGEN, TOTAL (MG/L AS N)	04/27/84-04/27/84	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	04/27/84-04/27/84	1	0.418	0.418	0.418	0.418	0.	0.	**	**	**	**
00665 PHOSPHORUS, TOTAL (MG/L AS P)	04/27/84-04/27/84	1	1.199	1.199	1.199	1.199	0.	0.	**	**	**	**
00680 CARBON, TOTAL ORGANIC (MG/L AS C)	04/27/84-04/27/84	1	15.4	15.4	15.4	15.4	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	04/27/84-04/27/84	1	222.	222.	222.	222.	0.	0.	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	04/27/84-04/27/84	1	33.	33.	33.	33.	0.	0.	**	**	**	**
00946 SULFATE, DISSOLVED (MG/L AS SO4)	04/27/84-04/27/84	1	115.	115.	115.	115.	0.	0.	**	**	**	**
01516 ALPHA, SUSPEND GROSS, AS URANIUM NATURAL, PC/L	04/27/84-04/27/84	1	20.	20.	20.	20.	0.	0.	**	**	**	**
03516 BETA, SUSPENDED GROSS, AS CS-137, PC/L	04/27/84-04/27/84	1	37.	37.	37.	37.	0.	0.	**	**	**	**
31501 COLIFORM,TOT, MEMBRANE FILTER, IMMED.M-ENDO MED,35C	04/27/84-04/27/84	1	300.	300.	300.	300.	0.	0.	**	**	**	**
31501 LOG COLIFORM,TOT, MEMBRANE FILTER, IMMED.M-ENDO MED,3	04/27/84-04/27/84	1	2.477	2.477	2.477	2.477	0.	0.	**	**	**	**
31501 GM COLIFORM,TOT, MEMBRANE FILTER, IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			300.								

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

Parameter Inventory for Station: CANY0157

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	04/27/84-04/27/84	1	50.	50.	50.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	04/27/84-04/27/84	1	1.699	1.699	1.699	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =		50.								
50786	ORTHOPHOSPHATE AS P, WATER MG/L	04/27/84-04/27/84	1	0.02	0.02	0.02	0.	0.	**	**	**	**
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	04/27/84-04/27/84	1	340.	340.	340.	0.	0.	**	**	**	**
70953	CHLOROPHYLL-A, PHYTOPLANKTON UG/L, CHROMO-FLUORO	04/27/84-04/27/84	1	6.5	6.5	6.5	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: CANY0157

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	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			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	0	0.00						1	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00						1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00						1	0	0.00			
		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			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	0	0.00						1	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1	0	0.00						1	0	0.00			

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

Station Inventory for Station: CANY0158

NPS Station ID: CANY0158	LAT/LON: 38.193643/-109.785837	Agency: 11NPSWRD	Date Created: 05/22/99
Location: SALT CK AB LOWER JUMP		FIPS State/County: 49037 UTAH/SAN JUAN	
Station Type: /TYPA/AMBNT/SPRING		STORET Station ID(s): CANY_NPS_599510/SC21 /599510	
RMI-Indexes:		Within Park Boundary: Yes	
RMI-Miles:			
HUC: 14030005	Depth of Water: 0	Aquifer:	
Major Basin: COLORADO RIVER	Elevation: 0	Water Body Id:	
Minor Basin: UPPER COLORADO RIVER		ECO Region:	
RF1 Index: 14030005	RF1 Mile Point: 0.000	Distance from RF1: 0.80	On/Off RF1:
RF3 Index: 14070004002901.17	RF3 Mile Point: 2.36	Distance from RF3: 0.11	On/Off RF3:
Description: THE STATION IS LOCATED ON THE LOOP UTAH 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. SALT CREEK LOWER JUMP IS AN INTERMITTENT SPRING AND IS LOCATED INSIDE THE CANYONLANDS NATIONAL PARK BOUNDARY. THE SAMPLES WERE COLLECTED AND ANALYZED BY NATIONAL PARK SERVICE PERSONNEL. THE MONITORING BEGAN IN RESPONSE TO A PROPOSED SITING OF A NUCLEAR WASTE REPOSITORY NEAR THE PARK AS STATED BY B. LONG AND R. SMITH IN THE REPORT "WATER QUALITY DATA ANALYSIS AND INTERPRETATION FOR SPRING MONITORING SITES SOUTHEAST UTAH GROUP" (AUGUST 1996). THE INITIAL MONITORING OBJECTIVES WERE TO ESTABLISH A BASELINE DATABASE; DETECT POTENTIAL CHANGES; AND IDENTIFY AREAS OF CONCERN. THE UTAH DEPARTMENT OF ENVIRONMENTAL QUALITY ANALYZED THE SAMPLES IN A COOPERATIVE EFFORT WITH THE PARK SERVICE BEGINNING 8/30/1990. THESE DATA CAN BE FOUND UNDER THE STATION 599510. DATA WERE PROCESSED AND UPLOADED TO STORET BY LISA DUMMER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).			

Parameter Inventory for Station: CANY0158

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/11/85-05/22/90	11	20.1	19.464	25.9	0.3	52.037	7.214	3.3	18.4	25.6	25.88
00059 FLOW, RATE, INSTANTANEOUS GALLONS/MIN	02/11/85-08/23/88	6	70.56	159.44	603.	7.5	51568.77	227.088	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	02/11/85-08/23/88	6	0.15	0.292	1.	0.02	0.14	0.374	**	**	**	**
00090 OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	05/22/90-05/22/90	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00094 SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	02/11/85-05/22/90	11	3300.	3224.455	6160.	384.	3624120.273	1903.712	479.2	1135.	4990.	5972.
00300 OXYGEN, DISSOLVED MG/L	02/11/85-05/22/90	8	7.75	7.7	10.7	5.4	2.709	1.646	**	**	**	**
00400 PH (STANDARD UNITS)	02/11/85-05/22/90	11	7.6	7.592	8.5	6.4	0.385	0.62	6.5	7.1	8.16	8.44
00400 CONVERTED PH (STANDARD UNITS)	02/11/85-05/22/90	11	7.6	7.172	8.5	6.4	0.579	0.761	6.5	7.1	8.16	8.44
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/11/85-05/22/90	11	0.025	0.067	0.398	0.003	0.013	0.116	0.004	0.007	0.079	0.344
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	02/11/85-05/22/90	10	590.	532.3	787.	47.	56894.678	238.526	59.4	427.5	700.25	778.4
00480 SALINITY - PARTS PER THOUSAND	05/22/90-05/22/90	1	2.3	2.3	2.3	2.3	0.	0.	**	**	**	**
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	02/11/85-05/22/90	8 ##	0.05	0.169	0.6	0.05	0.039	0.198	**	**	**	**
00655 PHOSPHATE, POLY (MG/L AS PO4)	02/11/85-05/22/90	10	3.125	3.875	9.5	1.4	6.836	2.615	1.41	1.8	5.925	9.15
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	02/11/85-05/22/90	10	765.	779.3	1368.	85.	207109.789	455.093	95.3	368.	1250.5	1367.2
00940 CHLORIDE, TOTAL IN WATER MG/L	06/11/87-05/22/90	7	364.	896.	3515.	29.	1468340.667	1211.751	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	02/11/85-05/22/90	10	110.	164.45	640.	2.5	33564.914	183.207	5.85	40.5	195.	601.2
01042 COPPER, TOTAL (UG/L AS CU)	02/11/85-05/22/90	10 ##	50.	160.	700.	50.	56000.	236.643	50.	50.	162.5	680.
01045 IRON, TOTAL (UG/L AS FE)	02/11/85-05/22/90	9	150.	485.556	2500.	50.	617577.778	785.861	50.	50.	540.	2500.
01055 MANGANESE, TOTAL (UG/L AS MN)	02/11/85-05/22/90	9	150.	691.111	2600.	50.	1081786.111	1040.089	50.	50.	1495.	2600.

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

Parameter Inventory for Station: CANY0158

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501 COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	12/12/84-05/22/90	10 ##	0.	140.	1050.	0.	111000.	333.167	0.	0.	112.5	975.
31501 LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	12/12/84-05/22/90	10 ##	0.	0.72	3.021	0.	1.441	1.2	0.	0.	1.894	2.967
31501 GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			5.245								
31616 FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/11/87-05/22/90	6 ##	0.	1.833	6.	0.	8.167	2.858	**	**	**	**
31616 LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/11/87-05/22/90	6 ##	0.	0.246	0.778	0.	0.146	0.382	**	**	**	**
31616 GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.763								

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

EPA Water Quality Criteria Analysis for Station: CANY0158

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	8	0	0.00	2	0	0.00	1	0	0.00	4	0	0.00	1	0	0.00
00400 PH	Fresh Chronic	9.	11	0	0.00	4	0	0.00	1	0	0.00	5	0	0.00	1	0	0.00
	Other-Lo Lim.	6.5	11	1	0.09	4	0	0.00	1	0	0.00	5	1	0.20	1	0	0.00
00620 NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	8	0	0.00	4	0	0.00	1	0	0.00	3	0	0.00			
00940 CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	7	3	0.43	3	1	0.33				3	2	0.67	1	0	0.00
	Drinking Water	250.	7	5	0.71	3	1	0.33				3	3	1.00	1	1	1.00
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	250.	10	2	0.20	4	1	0.25	1	0	0.00	5	1	0.20			
01042 COPPER, TOTAL	Fresh Acute	18.	2 &	2	1.00				1	1	1.00	1	1	1.00			
	Drinking Water	1300.	10	0	0.00	4	0	0.00	1	0	0.00	5	0	0.00			
31501 COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	10	1	0.10	3	0	0.00	2	1	0.50	4	0	0.00	1	0	0.00
31616 FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	6	0	0.00	2	0	0.00				3	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: CANY0159

NPS Station ID: CANY0159
 Location: SALT CK AB LOWER JUMP SC-21
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 14030005
 Major Basin:
 Minor Basin:
 RF1 Index:
 RF3 Index: 14030005058500.73

LAT/LON: 38.193500/-109.785833

Depth of Water: 0
 Elevation: 0

RF1 Mile Point: 0.000
 RF3 Mile Point: 5.65

Agency: 21UTAH
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): 599510
 Within Park Boundary: Yes

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.17

On/Off RF1:
 On/Off RF3:

Description:
 WATER QUALITY STATION IS LOCATED IN CANYONLANDS NP. THIS PARK WATER SAMPLES WERE COLLECTED BY CANYONLANDS NATIONAL PARK 435-259-3911); ANALYZED BY THE UTAH DEPARTMENT OF HEALTH ENV QUALITY - DIVISION OF WATER QUALITY. DATA COLLECTED AT THE CANY_NPS_599510.

IS MANAGED BY THE NATIONAL PARK SERVICE'S SOUTHEAST UTAH GROUP. NATURAL RESOURCE MANAGEMENT STAFF (125 W. 200 S.; MOAB UT 84532; LABORATORY AND UPLOADED INTO STORET BY THE UTAH DEPARTMENT OF SAME LOCATION PRIOR TO 8/30/1990 CAN BE FOUND AT STATION

Parameter Inventory for Station: CANY0159

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/30/90-05/16/92	4	21.2	20.625	24.4	15.7	13.223	3.636	**	**	**	**
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/30/90-05/16/92	3	32.	32.433	34.	31.3	1.963	1.401	**	**	**	**
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/30/90-05/16/92	4	3.65	6.275	15.	2.8	34.076	5.837	**	**	**	**
00094 SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/30/90-05/16/92	4	5910.	5680.	6700.	4200.	1299466.667	1139.942	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/30/90-05/16/92	4	6000.	5960.	7350.	4490.	1397666.667	1182.23	**	**	**	**
00191 HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	08/30/90-05/16/92	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	08/30/90-05/16/92	4	5.7	6.025	8.6	4.1	4.056	2.014	**	**	**	**
00400 PH (STANDARD UNITS)	08/30/90-05/16/92	4	8.25	8.3	8.6	8.1	0.047	0.216	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	08/30/90-05/16/92	4	8.247	8.264	8.6	8.1	0.048	0.22	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/30/90-05/16/92	4	0.006	0.005	0.008	0.003	0.	0.002	**	**	**	**
00405 CARBON DIOXIDE (MG/L AS CO2)	08/30/90-05/16/92	4	7.	6.25	8.	3.	4.917	2.217	**	**	**	**
00406 PH, FIELD, STANDARD UNITS SU	08/30/90-05/16/92	4	7.9	7.625	8.2	6.5	0.589	0.768	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS	08/30/90-05/16/92	4	7.889	7.06	8.2	6.5	1.015	1.007	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/30/90-05/16/92	4	0.013	0.087	0.316	0.006	0.023	0.153	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	08/30/90-05/16/92	4	780.5	760.5	867.	614.	11995.	109.522	**	**	**	**
00440 BICARBONATE ION (MG/L AS HCO3)	08/30/90-05/16/92	4	931.5	901.25	994.	748.	11614.25	107.769	**	**	**	**
00445 CARBONATE ION (MG/L AS CO3)	08/30/90-05/16/92	4	0.	12.75	51.	0.	650.25	25.5	**	**	**	**
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/25/91-05/16/92	3	13.	13.667	18.	10.	16.333	4.041	**	**	**	**
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/30/90-05/16/92	4 ##	0.025	0.036	0.07	0.025	0.001	0.023	**	**	**	**
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/30/90-05/16/92	4	0.795	0.867	1.28	0.6	0.091	0.302	**	**	**	**
00631 NITRITE PLUS NITRATE, DISS. I DET. (MG/L AS N)	08/30/90-05/16/92	4 ##	0.017	0.02	0.04	0.005	0.	0.017	**	**	**	**
00665 PHOSPHORUS, TOTAL (MG/L AS P)	08/30/90-05/16/92	4	0.023	0.025	0.04	0.016	0.	0.011	**	**	**	**
00666 PHOSPHORUS, DISSOLVED (MG/L AS P)	05/25/91-05/16/92	3	0.014	0.017	0.028	0.01	0.	0.009	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	08/30/90-05/16/92	4	1499.4	1454.2	1718.2	1099.8	71611.42	267.603	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	08/30/90-05/16/92	4	65.	59.25	78.	29.	468.25	21.639	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	08/30/90-05/16/92	4	325.	317.5	400.	220.	5891.667	76.757	**	**	**	**

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Parameter Inventory for Station: CANY0159

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/30/90-05/16/92	4	960.	972.5	1300.	670.	67425.	259.663	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/30/90-05/16/92	4	15.5	15.5	17.	14.	1.667	1.291	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/30/90-05/16/92	4	1038.7	1041.2	1375.	712.4	74935.92	273.744	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/30/90-05/16/92	4	1252.	1307.725	1786.9	940.	125216.303	353.859	**	**	**
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	08/30/90-05/16/92	4 ##	2.5	2.	2.5	0.5	1.	1.	**	**	**
61027	ANIONS, SUM, TOTAL IN WATER MG/L	08/26/91-05/16/92	2	3160.5	3160.5	3682.	2639.	543924.5	737.512	**	**	**
61944	CATIONS, SUM, TOTAL IN WATER, MG/L	08/26/91-05/16/92	2	1525.5	1525.5	1746.	1305.	97240.5	311.834	**	**	**
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	08/30/90-05/16/92	4	4353.	4352.5	5530.	3174.	951523.667	975.461	**	**	**
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/30/90-05/16/92	4 ##	3.75	3.75	5.	2.5	2.083	1.443	**	**	**
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	08/30/90-05/16/92	4	0.094	0.135	0.28	0.071	0.01	0.098	**	**	**
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/30/90-05/16/92	4 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/30/90-05/16/92	4 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/30/90-05/16/92	4 ##	10.	10.	10.	10.	0.	0.	**	**	**
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	08/30/90-05/16/92	4	0.115	0.093	0.13	0.01	0.003	0.056	**	**	**
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/30/90-05/16/92	4 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/30/90-05/16/92	4	46.5	56.375	130.	2.5	2876.896	53.637	**	**	**
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/30/90-05/16/92	4 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/30/90-05/16/92	4 ##	1.	1.	1.	1.	0.	0.	**	**	**
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/30/90-05/16/92	4 ##	10.	13.75	25.	10.	56.25	7.5	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0159

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
			Obs			Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	4	0	0.00	2	0	0.00			2	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	0	0.00	2	0	0.00			2	0	0.00			
00400	PH	Fresh Chronic	9.	4	0	0.00	2	0	0.00			2	0	0.00			
		Other-Lo Lim.	6.5	4	0	0.00	2	0	0.00			2	0	0.00			
00406	PH, FIELD	Fresh Chronic	9.	4	0	0.00	2	0	0.00			2	0	0.00			
		Other-Lo Lim.	6.5	4	1	0.25	2	0	0.00			2	1	0.50			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	4	0	0.00	2	0	0.00			2	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	4	3	0.75	2	1	0.50			2	2	1.00			
		Drinking Water	250.	4	4	1.00	2	2	1.00			2	2	1.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	4	4	1.00	2	2	1.00			2	2	1.00			
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE	Fresh Acute	20.	4	0	0.00	2	0	0.00			2	0	0.00			
		Drinking Water	50.	4	0	0.00	2	0	0.00			2	0	0.00			
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	360.	4	0	0.00	2	0	0.00			2	0	0.00			
		Drinking Water	50.	4	0	0.00	2	0	0.00			2	0	0.00			
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER	Drinking Water	2.	4	0	0.00	2	0	0.00			2	0	0.00			
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	3.9	4	0	0.00	2	0	0.00			2	0	0.00			
		Drinking Water	5.	4	0	0.00	2	0	0.00			2	0	0.00			
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WAT	Drinking Water	100.	4	0	0.00	2	0	0.00			2	0	0.00			
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	18.	4	0	0.00	2	0	0.00			2	0	0.00			
		Drinking Water	1300.	4	0	0.00	2	0	0.00			2	0	0.00			
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	82.	4	0	0.00	2	0	0.00			2	0	0.00			
		Drinking Water	15.	4	0	0.00	2	0	0.00			2	0	0.00			
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	2.4	4	0	0.00	2	0	0.00			2	0	0.00			
		Drinking Water	2.	4	0	0.00	2	0	0.00			2	0	0.00			
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	4.1	4	0	0.00	2	0	0.00			2	0	0.00			
		Drinking Water	100.	4	0	0.00	2	0	0.00			2	0	0.00			
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	120.	4	0	0.00	2	0	0.00			2	0	0.00			
		Drinking Water	5000.	4	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: CANY0160

NPS Station ID: CANY0160
 Location: (D-30-19)12ACD-S1
 Station Type: /TYPA/AMBNT/SPRING
 RMI-Indexes:
 RMI-Miles:
 HUC: 14030005
 Major Basin:
 Minor Basin:
 RF1 Index: 14030005
 RF3 Index: 14030005058500.73
 Description:

LAT/LON: 38.193892/-109.786393

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 5.43

Agency: 112WRD
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): 381138109471101
 Within Park Boundary: Yes

Date Created: 02/28/78

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.01

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: CANY0160

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/20/69-05/20/69	1	13.5	13.5	13.5	13.5	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/20/69-05/20/69	1	3250.	3250.	3250.	3250.	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	05/20/69-05/20/69	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	05/20/69-05/20/69	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/20/69-05/20/69	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	05/20/69-05/20/69	1	543.	543.	543.	543.	0.	0.	**	**	**	**
00440 BICARBONATE ION (MG/L AS HCO3)	05/20/69-05/20/69	1	662.	662.	662.	662.	0.	0.	**	**	**	**
00445 CARBONATE ION (MG/L AS CO3)	05/20/69-05/20/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00650 PHOSPHATE, TOTAL (MG/L AS PO4)	05/20/69-05/20/69	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	05/20/69-05/20/69	1	750.	750.	750.	750.	0.	0.	**	**	**	**
00902 HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	05/20/69-05/20/69	1	207.	207.	207.	207.	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	05/20/69-05/20/69	1	43.	43.	43.	43.	0.	0.	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	05/20/69-05/20/69	1	156.	156.	156.	156.	0.	0.	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	05/20/69-05/20/69	1	504.	504.	504.	504.	0.	0.	**	**	**	**
00931 SODIUM ADSORPTION RATIO	05/20/69-05/20/69	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	05/20/69-05/20/69	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00940 CHLORIDE, TOTAL IN WATER MG/L	05/20/69-05/20/69	1	474.	474.	474.	474.	0.	0.	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	05/20/69-05/20/69	1	639.	639.	639.	639.	0.	0.	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	05/20/69-05/20/69	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SiO2)	05/20/69-05/20/69	1	14.	14.	14.	14.	0.	0.	**	**	**	**
01000 ARSENIC, DISSOLVED (UG/L AS AS)	05/20/69-05/20/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01020 BORON, DISSOLVED (UG/L AS B)	05/20/69-05/20/69	1	620.	620.	620.	620.	0.	0.	**	**	**	**
01040 COPPER, DISSOLVED (UG/L AS CU)	05/20/69-05/20/69	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01046 IRON, DISSOLVED (UG/L AS FE)	05/20/69-05/20/69	1	150.	150.	150.	150.	0.	0.	**	**	**	**
01145 SELENIUM, DISSOLVED (UG/L AS SE)	05/20/69-05/20/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
70300 RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	05/20/69-05/20/69	1	2180.	2180.	2180.	2180.	0.	0.	**	**	**	**
70301 SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	05/20/69-05/20/69	1	2170.	2170.	2170.	2170.	0.	0.	**	**	**	**
71851 NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/20/69-05/20/69	1	2.	2.	2.	2.	0.	0.	**	**	**	**
71885 IRON (UG/L AS FE)	05/20/69-05/20/69	1	150.	150.	150.	150.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0160

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
							Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	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	1	1.00							1	1	1.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	1	1.00							1	1	1.00			
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			
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			
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00							1	0	0.00			
		Drinking Water	50.	1	0	0.00							1	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: CANY0161

NPS Station ID: CANY0161 LAT/LON: 38.194031/-109.788420

Location: (D-30-19)I2ACD-S1 SALT CREEK-LOWER JUMP

Station Type: /TYPA/AMBNT/STREAM

RMI-Indexes:

RMI-Miles:

HUC: 14030005

Major Basin: COLORADO RIVER

Minor Basin: UPPER COLORADO RIVER

RF1 Index: 14030005

RF3 Index: 14070004002901.17

Description:

The station is located on The Loop Utah 7.5 minute series (topographic) quadrangle. The site is in Salt Creek immediately above the Lower Jump in Canyonlands National Park. This source was previously classified as a spring. During sampling it was a flowing stream. Bacteriological samples were held longer than 30 hours. Flow was measured in a 90 degree triangular notch weir. Substrate: Bedrock/sand. The data are from the report "Water Resources Descriptions and Data Base Canyonlands National Park Needles District and Adjacent BLM Lands" prepared by Ecosystems Research Institute (October 1984). For information on Canyonlands National Park; contact the Chief of Resources at Canyonlands National Park; 2282 S. West Resource Blvd.; Moab UT 84532 (Tel. 801-259-7164). Data were processed and uploaded to STORET by Lisa Dummer; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Agency: 11NPSWRD

FIPS State/County: 49037 UTAH/SAN JUAN

STORET Station ID(s): CANY_ERI_SC21

Within Park Boundary: Yes

Date Created: 08/21/99

Depth of Water: 0

Elevation: 0

RF1 Mile Point: 0.000

RF3 Mile Point: 2.36

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 0.80

Distance from RF3: 0.11

On/Off RF1:

On/Off RF3:

Parameter Inventory for Station: CANY0161

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/24/84-04/24/84	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	04/24/84-04/24/84	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/24/84-04/24/84	1	8110.	8110.	8110.	8110.	0.	0.	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	04/24/84-04/24/84	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00406 PH, FIELD, STANDARD UNITS SU	04/24/84-04/24/84	1	8.48	8.48	8.48	8.48	0.	0.	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS	04/24/84-04/24/84	1	8.48	8.48	8.48	8.48	0.	0.	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/24/84-04/24/84	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	04/24/84-04/24/84	1	880.	880.	880.	880.	0.	0.	**	**	**	**
00515 RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	04/24/84-04/24/84	1	23.	23.	23.	23.	0.	0.	**	**	**	**
00600 NITROGEN, TOTAL (MG/L AS N)	04/24/84-04/24/84	1	1.21	1.21	1.21	1.21	0.	0.	**	**	**	**
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/24/84-04/24/84	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00615 NITRITE NITROGEN, TOTAL (MG/L AS N)	04/24/84-04/24/84	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	04/24/84-04/24/84	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00665 PHOSPHORUS, TOTAL (MG/L AS P)	04/24/84-04/24/84	1	0.021	0.021	0.021	0.021	0.	0.	**	**	**	**
00680 CARBON, TOTAL ORGANIC (MG/L AS C)	04/24/84-04/24/84	1	21.6	21.6	21.6	21.6	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	04/24/84-04/24/84	1	1813.	1813.	1813.	1813.	0.	0.	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	04/24/84-04/24/84	1	1490.	1490.	1490.	1490.	0.	0.	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	04/24/84-04/24/84	1	1464.	1464.	1464.	1464.	0.	0.	**	**	**	**
00946 SULFATE, DISSOLVED (MG/L AS SO4)	04/24/84-04/24/84	1	1952.	1952.	1952.	1952.	0.	0.	**	**	**	**
01516 ALPHA, SUSPEND GROSS, AS URANIUM NATURAL, PC/L	04/24/84-04/24/84	1	46.	46.	46.	46.	0.	0.	**	**	**	**
03516 BETA, SUSPEND GROSS, AS CS-137, PC/L	04/24/84-04/24/84	1	46.	46.	46.	46.	0.	0.	**	**	**	**
31501 COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/24/84-04/24/84	1	0.	0.	0.	0.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: CANY0161

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501 LOG COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,3	04/24/84-04/24/84	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31501 GM COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.								
31616 FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/24/84-04/24/84	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31616 LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/24/84-04/24/84	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31616 GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.								
50786 ORTHOPHOSPHATE AS P, WATER MG/L	04/24/84-04/24/84	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/24/84-04/24/84	1	5748.	5748.	5748.	5748.	0.	0.	**	**	**	**
70953 CHLOROPHYLL-A,PHYTOPLANKTON UG/L,CHROMO-FLUORO	04/24/84-04/24/84	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: CANY0161

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	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			
00615 NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	0	0.00							1	0	0.00			
00620 NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00							1	0	0.00			
00941 CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	1	1.00							1	1	1.00			
	Drinking Water	250.	1	1	1.00							1	1	1.00			
00946 SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	1	1.00							1	1	1.00			
31501 COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	0	0.00							1	0	0.00			
31616 FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: CANY0162

NPS Station ID: CANY0162
 Location: WATER CANYON
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:

LAT/LON: 38.197392/-109.930642

Agency: 11NPSWRD
 FIPS State/County: 49055 UTAH/WAYNE
 STORET Station ID(s): CANY_BLM_WTRC
 Within Park Boundary: Yes

Date Created: 08/07/99

RMI-Miles:
 HUC: 14060008
 Major Basin: COLORADO RIVER
 Minor Basin: GREEN RIVER
 RF1 Index: 14060008
 RF3 Index: 14070004002901.17

Depth of Water: 0
 Elevation: 4000

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.80
 Distance from RF3: 0.11

On/Off RF1:
 On/Off RF3:

Description:
 THE STATION IS LOCATED ON THE SPANISH BOTTOM UT 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT WATER CANYON INSIDE THE CANYONLANDS NATIONAL PARK. THE DATA ARE FROM THE REPORT "ARCHES AND CANYONLANDS NATIONAL PARK AQUATIC STUDY" BY J. CONNOR (NPS) AND W.G. KEPNER (BLM) (1983). THE PURPOSE OF THE STUDY WAS TO MONITOR THE IMPACTS BY VISITORS IN THE BACKCOUNTRY TO WATER SOURCES IN THE PARKS. THE STUDY WAS A JOINT EFFORT BETWEEN THE NATIONAL PARK SERVICE AND THE BUREAU OF LAND MANAGEMENT. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT ARCHES NATIONAL PARK; P.O. BOX 907; MOAB UT 84532 (TEL. 801-259-8161). DATA WERE PROCESSED AND UPLOADED TO STORET BY LISA DUMMER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DR. SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: CANY0162

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/01/83-09/01/83	1	24.3	24.3	24.3	24.3	0.	0.	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	09/01/83-09/01/83	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00094 SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	09/01/83-09/01/83	1	645.	645.	645.	645.	0.	0.	**	**	**	**
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/01/83-09/01/83	1	9.5	9.5	9.5	9.5	0.	0.	**	**	**	**
00406 PH, FIELD, STANDARD UNITS SU	09/01/83-09/01/83	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS	09/01/83-09/01/83	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/01/83-09/01/83	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	09/01/83-09/01/83	1	180.	180.	180.	180.	0.	0.	**	**	**	**
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	09/01/83-09/01/83	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00660 PHOSPHATE, ORTHO (MG/L AS PO4)	09/01/83-09/01/83	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	09/01/83-09/01/83	1	230.	230.	230.	230.	0.	0.	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	09/01/83-09/01/83	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: CANY0162

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00	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	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

EPA Water Quality Criteria Analysis for Station: CANY0162

Parameter	Std. Type	Std. Value	Total		Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
			Obs				Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00620	NITRATE NITROGEN, TOTAL AS N	10.	1		0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	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: CANY0163

NPS Station ID: CANY0163
 Location: WATER CANYON
 Station Type: /TYPA/AMBNT/SPRING
 RMI-Indexes:
 RMI-Miles:
 HUC: 14060008
 Major Basin: COLORADO RIVER
 Minor Basin: UPPER COLORADO RIVER
 RF1 Index: 14060008
 RF3 Index: 14070004002901.17

LAT/LON: 38.197392/-109.930642

Depth of Water: 0
 Elevation: 0

RF1 Mile Point: 0.000
 RF3 Mile Point: 2.36

Agency: 11NPSWRD
 FIPS State/County: 49055 UTAH/WAYNE
 STORET Station ID(s): CANY_NPS_WC1
 Within Park Boundary: Yes

Date Created: 05/22/99

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.80
 Distance from RF3: 0.11

On/Off RF1:
 On/Off RF3:

Description:
 THE STATION IS LOCATED ON THE SPANISH BOTTOM UTAH 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. WATER CANYON IS A WASH SPRING AND IS LOCATED INSIDE THE CANYONLANDS NATIONAL PARK BOUNDARY. THE SAMPLES WERE COLLECTED AND ANALYZED BY NATIONAL PARK SERVICE PERSONNEL. THE MONITORING BEGAN IN RESPONSE TO A PROPOSED SITING OF A NUCLEAR WASTE REPOSITORY NEAR THE PARK AS STATED BY B. LONG AND R. SMITH IN THE REPORT "WATER QUALITY DATA ANALYSIS AND INTERPRETATION FOR SPRING MONITORING SITES SOUTHEAST UTAH GROUP" (AUGUST 1996). THE INITIAL MONITORING OBJECTIVES WERE TO ESTABLISH A BASELINE DATABASE; DETECT AND UPLOAD TO STORET BY LISA DUMMER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: CANY0163

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/10/85-04/06/88	3	27.4	23.567	30.4	12.9	87.583	9.359	**	**	**	**
00059 FLOW, RATE, INSTANTANEOUS GALLONS/MIN	07/10/85-07/10/85	1	0.29	0.29	0.29	0.29	0.	0.	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	07/10/85-07/10/85	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00090 OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	04/23/86-04/23/86	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00094 SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/10/85-04/06/88	3	642.	634.	694.	566.	4144.	64.374	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	07/10/85-04/06/88	3	7.4	7.433	9.6	5.3	4.623	2.15	**	**	**	**
00400 PH (STANDARD UNITS)	07/10/85-04/06/88	3	7.2	7.567	8.4	7.1	0.523	0.723	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	07/10/85-04/06/88	3	7.2	7.311	8.4	7.1	0.621	0.788	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/10/85-04/06/88	3	0.063	0.049	0.079	0.004	0.002	0.04	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	07/10/85-04/06/88	4	222.5	238.25	308.	200.	2478.917	49.789	**	**	**	**
00480 SALINITY - PARTS PER THOUSAND	04/23/86-04/23/86	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	07/10/85-07/11/87	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00655 PHOSPHATE, POLY (MG/L AS PO4)	07/10/85-04/06/88	3	2.1	3.467	7.	1.3	9.523	3.086	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	07/10/85-04/06/88	4	222.	246.	340.	200.	4034.667	63.519	**	**	**	**
00940 CHLORIDE, TOTAL IN WATER MG/L	07/11/87-04/06/88	2	64.5	64.5	68.	61.	24.5	4.95	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	07/10/85-07/11/87	3	52.	44.667	54.	28.	209.333	14.468	**	**	**	**
01042 COPPER, TOTAL (UG/L AS CU)	07/10/85-04/06/88	3 ##	50.	83.333	150.	50.	3333.333	57.735	**	**	**	**
01045 IRON, TOTAL (UG/L AS FE)	07/10/85-04/06/88	3 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01055 MANGANESE, TOTAL (UG/L AS MN)	07/10/85-04/06/88	3 ##	50.	1400.	4100.	50.	5467500.	2338.269	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0163

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	3	0	0.00							1	0	0.00	2	0	0.00
00400 PH	Fresh Chronic	9.	3	0	0.00							1	0	0.00	2	0	0.00
	Other-Lo Lim.	6.5	3	0	0.00							1	0	0.00	2	0	0.00
00620 NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00										2	0	0.00
00940 CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	2	0	0.00							1	0	0.00	1	0	0.00
	Drinking Water	250.	2	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	2	0	0.00
01042 COPPER, TOTAL	Fresh Acute	18.	1 &	1	1.00										1	1	1.00
	Drinking Water	1300.	3	0	0.00							1	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: CANY0164

NPS Station ID: CANY0164
 Location: COLO. RIVER @ 1/4 MI BELOW THE
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 14030005
 Major Basin:
 Minor Basin:
 RF1 Index: 14030005001
 RF3 Index: 14070001010500.00
 Description:

LAT/LON: 38.198337/-109.865005

Depth of Water: 0
 Elevation: 0

RF1 Mile Point: 1.480
 RF3 Mile Point: 8.59

Agency: 112WRD
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): 381154109515400
 Within Park Boundary: Yes

Date Created: 02/15/78

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.01

On/Off RF1: ON
 On/Off RF3:

Parameter Inventory for Station: CANY0164

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/23/77-10/23/77	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/23/77-10/23/77	1	2000.	2000.	2000.	2000.	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	10/23/77-10/23/77	1	8.16	8.16	8.16	8.16	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	10/23/77-10/23/77	1	8.16	8.16	8.16	8.16	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/23/77-10/23/77	1	0.007	0.007	0.007	0.007	0.	0.	**	**	**	**
00405 CARBON DIOXIDE (MG/L AS CO2)	10/23/77-10/23/77	1	2.3	2.3	2.3	2.3	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	10/23/77-10/23/77	1	170.	170.	170.	170.	0.	0.	**	**	**	**
00440 BICARBONATE ION (MG/L AS HCO3)	10/23/77-10/23/77	1	210.	210.	210.	210.	0.	0.	**	**	**	**
00445 CARBONATE ION (MG/L AS CO3)	10/23/77-10/23/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	10/23/77-10/23/77	1	640.	640.	640.	640.	0.	0.	**	**	**	**
00902 HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	10/23/77-10/23/77	1	460.	460.	460.	460.	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	10/23/77-10/23/77	1	160.	160.	160.	160.	0.	0.	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	10/23/77-10/23/77	1	57.	57.	57.	57.	0.	0.	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	10/23/77-10/23/77	1	180.	180.	180.	180.	0.	0.	**	**	**	**
00931 SODIUM ADSORPTION RATIO	10/23/77-10/23/77	1	3.1	3.1	3.1	3.1	0.	0.	**	**	**	**
00932 SODIUM, PERCENT	10/23/77-10/23/77	1	38.	38.	38.	38.	0.	0.	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	10/23/77-10/23/77	1	6.2	6.2	6.2	6.2	0.	0.	**	**	**	**
00940 CHLORIDE, TOTAL IN WATER MG/L	10/23/77-10/23/77	1	180.	180.	180.	180.	0.	0.	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	10/23/77-10/23/77	1	560.	560.	560.	560.	0.	0.	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	10/23/77-10/23/77	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SiO2)	10/23/77-10/23/77	1	6.3	6.3	6.3	6.3	0.	0.	**	**	**	**
01080 STRONTIUM, DISSOLVED (UG/L AS SR)	10/23/77-10/23/77	1	1800.	1800.	1800.	1800.	0.	0.	**	**	**	**
01130 LITHIUM, DISSOLVED (UG/L AS Li)	10/23/77-10/23/77	1	80.	80.	80.	80.	0.	0.	**	**	**	**
70300 RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	10/23/77-10/23/77	1	1240.	1240.	1240.	1240.	0.	0.	**	**	**	**
70301 SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/23/77-10/23/77	1	1260.	1260.	1260.	1260.	0.	0.	**	**	**	**
70303 SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/23/77-10/23/77	1	1.69	1.69	1.69	1.69	0.	0.	**	**	**	**

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EPA Water Quality Criteria Analysis for Station: CANY0164

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
00400 PH	Fresh Chronic	9.	1	0	0.00	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
	Other-Lo Lim.	6.5	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

EPA Water Quality Criteria Analysis for Station: CANY0164

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
							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						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	1	1.00					1	1	1.00					
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	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

Station Inventory for Station: CANY0165

NPS Station ID: CANY0165
 Location: LITTLE SPRING CANYON CREEK LS2
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 14030005
 Major Basin:
 Minor Basin:
 RF1 Index:
 RF3 Index: 14070004002901.17

LAT/LON: 38.200500/-109.800500

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 2.36

Agency: 21UTAH
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): 599512
 Within Park Boundary: Yes

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.80
 Distance from RF3: 0.11

On/Off RF1:
 On/Off RF3:

Description:
 WATER QUALITY STATION IS LOCATED IN CANYONLANDS NP. THIS PARK
 WATER SAMPLES WERE COLLECTED BY CANYONLANDS NATIONAL PARK
 435-259-3911); ANALYZED BY THE UTAH DEPARTMENT OF HEALTH
 ENVIRONMENTAL QUALITY - DIVISION OF WATER QUALITY.

IS MANAGED BY THE NATIONAL PARK SERVICE'S SOUTHEAST UTAH GROUP.
 NATURAL RESOURCE MANAGEMENT STAFF (125 W. 200 S.; MOAB UT 84532;
 LABORATORY AND UPLOADED INTO STORET BY THE UTAH DEPARTMENT OF

Parameter Inventory for Station: CANY0165

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/93-12/09/99	15	11.8	12.643	18.4	8.	11.43	3.381	8.12	9.7	16.4	17.74
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/04/93-08/17/99	14	15.5	15.321	25.5	6.	29.177	5.402	7.	10.75	19.125	24.
00058 FLOW, RATE GALLONS/MIN	08/28/97-08/17/99	4	3.5	4.75	10.	2.	12.917	3.594	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	10/04/93-05/07/99	4 ##	0.5	5.375	20.	0.5	95.063	9.75	**	**	**	**
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/04/93-12/09/99	17	0.275	2.416	26.7	0.082	42.316	6.505	0.088	0.109	0.55	10.94
00094 SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/04/93-12/09/99	15	798.	809.733	876.	754.	1147.924	33.881	771.4	784.	833.	867.
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/04/93-12/09/99	17	804.	798.	882.	737.	1634.125	40.424	751.4	763.	816.	878.8
00191 HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	10/04/93-12/09/99	17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00300 OXYGEN, DISSOLVED MG/L	10/04/93-12/09/99	14	7.05	7.591	13.2	2.51	8.102	2.846	3.755	6.195	8.55	13.2
00400 PH (STANDARD UNITS)	10/04/93-12/09/99	17	8.11	8.065	8.3	7.6	0.039	0.197	7.792	7.9	8.225	8.284
00400 CONVERTED PH (STANDARD UNITS)	10/04/93-12/09/99	17	8.11	8.019	8.3	7.6	0.041	0.202	7.792	7.9	8.225	8.284
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/04/93-12/09/99	17	0.008	0.01	0.025	0.005	0.	0.005	0.005	0.006	0.013	0.017
00405 CARBON DIOXIDE (MG/L AS CO2)	10/04/93-12/09/99	17	4.	5.412	14.	3.	8.507	2.917	3.	3.	7.5	9.2
00406 PH, FIELD, STANDARD UNITS SU	10/04/93-12/09/99	15	7.8	7.689	8.1	6.5	0.17	0.412	6.812	7.7	7.9	8.04
00406 CONVERTED PH, FIELD, STANDARD UNITS	10/04/93-12/09/99	15	7.8	7.389	8.1	6.5	0.267	0.517	6.812	7.7	7.9	8.04
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/04/93-12/09/99	15	0.016	0.041	0.316	0.008	0.006	0.079	0.009	0.013	0.02	0.184
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	10/04/93-12/09/99	17	292.	292.882	344.	216.	803.61	28.348	264.8	281.	301.5	340.
00440 BICARBONATE ION (MG/L AS HCO3)	10/04/93-12/09/99	17	356.	357.235	420.	264.	1199.191	34.629	323.2	342.5	368.	415.2
00445 CARBONATE ION (MG/L AS CO3)	10/04/93-12/09/99	17	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/04/93-12/09/99	17	0.	11.012	135.2	0.	1058.262	32.531	0.	0.	10.6	40.16
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/04/93-05/07/99	15 ##	0.025	0.066	0.6	0.025	0.022	0.148	0.025	0.025	0.025	0.276
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/04/93-04/27/97	8	0.215	0.218	0.4	0.05	0.01	0.1	**	**	**	**
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/17/99-12/09/99	2	0.75	0.75	0.8	0.7	0.005	0.071	**	**	**	**
00631 NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/04/93-05/07/99	15	0.73	0.768	1.518	0.386	0.072	0.268	0.448	0.61	0.89	1.231
00665 PHOSPHORUS, TOTAL (MG/L AS P)	10/04/93-12/09/99	16 ##	0.01	0.014	0.042	0.005	0.	0.012	0.005	0.005	0.021	0.04
00666 PHOSPHORUS, DISSOLVED (MG/L AS P)	10/04/93-05/07/99	13 ##	0.005	0.007	0.01	0.005	0.	0.003	0.005	0.005	0.01	0.01
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	10/04/93-12/09/99	17	295.2	284.624	329.	212.2	1052.743	32.446	216.92	270.55	307.6	315.08
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	10/04/93-12/09/99	17	73.	68.959	87.5	38.4	169.055	13.002	42.4	62.5	77.2	83.1
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	10/04/93-12/09/99	17	27.1	27.359	31.	24.8	2.128	1.459	25.6	26.2	28.2	29.4

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

Parameter Inventory for Station: CANY0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/04/93-12/09/99	17	59.	59.065	72.	50.8	27.447	5.239	51.68	55.3	62.2	67.2
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/04/93-12/09/99	17	4.02	4.048	4.46	3.32	0.081	0.284	3.624	3.895	4.255	4.436
00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/04/93-12/09/99	17	37.5	38.559	50.5	31.5	21.059	4.589	33.9	35.25	39.5	46.5
00946	SULFATE, DISSOLVED (MG/L AS SO4)	10/04/93-12/09/99	17	83.2	85.266	99.142	75.	62.884	7.93	76.44	78.485	90.933	99.06
01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/04/93-12/09/99	13 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
01005	BARIUM, DISSOLVED (UG/L AS BA)	10/04/93-12/09/99	13	130.	129.7	140.	96.1	154.003	12.41	105.66	125.	140.	140.
01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/04/93-12/09/99	13 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/04/93-12/09/99	13 ##	2.5	5.608	14.	2.5	19.751	4.444	2.5	2.5	10.5	13.2
01040	COPPER, DISSOLVED (UG/L AS CU)	10/04/93-12/09/99	13 ##	6.	7.077	16.	6.	8.41	2.9	6.	6.	6.	13.6
01046	IRON, DISSOLVED (UG/L AS FE)	10/04/93-12/09/99	13 ##	10.	13.192	32.8	10.	61.421	7.837	10.	10.	10.	31.16
01049	LEAD, DISSOLVED (UG/L AS PB)	10/04/93-12/09/99	13 ##	1.5	1.5	1.5	1.5	0.	0.	1.5	1.5	1.5	1.5
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/04/93-12/09/99	13 ##	2.5	3.877	8.8	2.5	5.345	2.312	2.5	2.5	5.6	8.44
01075	SILVER, DISSOLVED (UG/L AS AG)	10/04/93-12/09/99	13 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
01090	ZINC, DISSOLVED (UG/L AS ZN)	10/04/93-12/09/99	13 ##	15.	15.	15.	15.	0.	0.	15.	15.	15.	15.
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	05/07/96-12/09/99	12 ##	15.	77.25	720.	15.	41037.659	202.578	15.	15.	29.25	515.4
01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/04/93-12/09/99	13	5.5	5.5	7.4	4.	0.97	0.985	4.08	4.8	5.95	7.28
61027	ANIONS, SUM, TOTAL IN WATER MG/L	10/04/93-12/09/99	17	300.	299.647	354.	247.	478.118	21.866	271.	288.5	309.5	326.
61944	CATIONS, SUM, TOTAL IN WATER, MG/L	10/04/93-12/09/99	17	160.	159.353	180.	133.	164.868	12.84	134.6	152.	168.	173.6
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/04/93-12/09/99	17	482.	514.941	982.	452.	14916.559	122.133	456.8	474.	502.	625.2
71890	MERCURY, DISSOLVED (UG/L AS HG)	10/04/93-12/09/99	13 ##	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1

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

EPA Water Quality Criteria Analysis for Station: CANY0165

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	17	0	0.00	7	0	0.00	4	0	0.00	6	0	0.00		
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	14	1	0.07	5	0	0.00	4	0	0.00	5	1	0.20		
00400	PH	Fresh Chronic	9.	17	0	0.00	7	0	0.00	4	0	0.00	6	0	0.00		
		Other-Lo Lim.	6.5	17	0	0.00	7	0	0.00	4	0	0.00	6	0	0.00		
00406	PH, FIELD	Fresh Chronic	9.	15	0	0.00	6	0	0.00	4	0	0.00	5	0	0.00		
		Other-Lo Lim.	6.5	15	1	0.07	6	0	0.00	4	0	0.00	5	1	0.20		
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00	1	0	0.00	1	0	0.00					
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	15	0	0.00	6	0	0.00	3	0	0.00	6	0	0.00		
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	17	0	0.00	7	0	0.00	4	0	0.00	6	0	0.00		
		Drinking Water	250.	17	0	0.00	7	0	0.00	4	0	0.00	6	0	0.00		
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	17	0	0.00	7	0	0.00	4	0	0.00	6	0	0.00		
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	13	0	0.00	5	0	0.00	4	0	0.00	4	0	0.00		
		Drinking Water	50.	13	0	0.00	5	0	0.00	4	0	0.00	4	0	0.00		
01005	BARIUM, DISSOLVED	Drinking Water	2000.	13	0	0.00	5	0	0.00	4	0	0.00	4	0	0.00		
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	13	0	0.00	5	0	0.00	4	0	0.00	4	0	0.00		
		Drinking Water	5.	13	0	0.00	5	0	0.00	4	0	0.00	4	0	0.00		
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	13	0	0.00	5	0	0.00	4	0	0.00	4	0	0.00		
01040	COPPER, DISSOLVED	Fresh Acute	18.	13	0	0.00	5	0	0.00	4	0	0.00	4	0	0.00		
		Drinking Water	1300.	13	0	0.00	5	0	0.00	4	0	0.00	4	0	0.00		
01049	LEAD, DISSOLVED	Fresh Acute	82.	13	0	0.00	5	0	0.00	4	0	0.00	4	0	0.00		
		Drinking Water	15.	13	0	0.00	5	0	0.00	4	0	0.00	4	0	0.00		
01075	SILVER, DISSOLVED	Fresh Acute	4.1	13	0	0.00	5	0	0.00	4	0	0.00	4	0	0.00		
		Drinking Water	100.	13	0	0.00	5	0	0.00	4	0	0.00	4	0	0.00		
01090	ZINC, DISSOLVED	Fresh Acute	120.	13	0	0.00	5	0	0.00	4	0	0.00	4	0	0.00		
		Drinking Water	5000.	13	0	0.00	5	0	0.00	4	0	0.00	4	0	0.00		
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	13	0	0.00	5	0	0.00	4	0	0.00	4	0	0.00		
		Drinking Water	50.	13	0	0.00	5	0	0.00	4	0	0.00	4	0	0.00		
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	13	0	0.00	5	0	0.00	4	0	0.00	4	0	0.00		
		Drinking Water	2.	13	0	0.00	5	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

Station Inventory for Station: CANY0166

NPS Station ID: CANY0166
Location: C17132
Station Type: /TYPA/AMBNT/STREAM
RMI-Indexes:
RMI-Miles:
HUC: 14030005
Major Basin: COLORADO RIVER
Minor Basin: UPPER COLORADO RIVER
RF1 Index: 14030005
RF3 Index: 14070004002901.17
Description:
THE STATION IS LOCATED ON THE NORTH SIX-SHOOTER PEAK UTAH 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT A STREAM AND IS OUTSIDE OF THE CANYONLANDS NATIONAL PARK. EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO ONE WITH REAGENT-GRADE NITRIC ACID. 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 STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "LASLID" ENTRY (LOS ALAMOS SCIENTIFIC LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY LISA DUMMER; NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

LAT/LON: 38.202198/-109.648893

Agency: 11NPSWRD
FIPS State/County: 49037 UTAH/SAN JUAN
STORET Station ID(s): CANY_NURE_08 /1041158
Within Park Boundary: No

Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.80
Distance from RF3: 0.11

Date Created: 01/30/99

On/Off RF1:
On/Off RF3:

Parameter Inventory for Station: CANY0166

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/19/78-06/19/78	1	400.	400.	400.	400.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	06/19/78-06/19/78	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/19/78-06/19/78	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/19/78-06/19/78	1	0.158	0.158	0.158	0.158	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/19/78-06/19/78	1	51.5	51.5	51.5	51.5	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	06/19/78-06/19/78	1###	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	06/19/78-06/19/78	1	259.	259.	259.	259.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	06/19/78-06/19/78	1	7.	7.	7.	7.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	06/19/78-06/19/78	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

EPA Water Quality Criteria Analysis for Station: CANY0166

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
							Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	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
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

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

Station Inventory for Station: CANY0167

NPS Station ID: CANY0167
 Location: HART S DRAW CK AB MOUTH
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 14030005
 Major Basin:
 Minor Basin:
 RF1 Index:
 RF3 Index: 14070001044400.00
 Description:

LAT/LON: 38.203833/-109.619667

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 0.00

Agency: 21UTAH
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): 495568
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 13.40
 Distance from RF3: 0.11

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: CANY0167

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/27/80-03/27/80	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	03/27/80-03/27/80	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/27/80-03/27/80	1	36.	36.	36.	36.	0.	0.	**	**	**	**
00094 SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/27/80-03/27/80	1	840.	840.	840.	840.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/27/80-03/27/80	1	880.	880.	880.	880.	0.	0.	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	03/27/80-03/27/80	1	9.4	9.4	9.4	9.4	0.	0.	**	**	**	**
00310 BOD, 5 DAY, 20 DEG C MG/L	03/27/80-03/27/80	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00335 COD, .025N K2CR2O7 MG/L	03/27/80-03/27/80	1	26.	26.	26.	26.	0.	0.	**	**	**	**
00405 CARBON DIOXIDE (MG/L AS CO2)	03/27/80-03/27/80	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00406 PH, FIELD, STANDARD UNITS SU	03/27/80-03/27/80	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS	03/27/80-03/27/80	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/27/80-03/27/80	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	03/27/80-03/27/80	1	344.	344.	344.	344.	0.	0.	**	**	**	**
00440 BICARBONATE ION (MG/L AS HCO3)	03/27/80-03/27/80	1	400.	400.	400.	400.	0.	0.	**	**	**	**
00445 CARBONATE ION (MG/L AS CO3)	03/27/80-03/27/80	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/27/80-03/27/80	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/27/80-03/27/80	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00615 NITRITE NITROGEN, TOTAL (MG/L AS N)	03/27/80-03/27/80	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	03/27/80-03/27/80	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/27/80-03/27/80	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/27/80-03/27/80	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00665 PHOSPHORUS, TOTAL (MG/L AS P)	03/27/80-03/27/80	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00680 CARBON, TOTAL ORGANIC (MG/L AS C)	03/27/80-03/27/80	1	14.6	14.6	14.6	14.6	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	03/27/80-03/27/80	1	236.	236.	236.	236.	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	03/27/80-03/27/80	1	34.	34.	34.	34.	0.	0.	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS Mg)	03/27/80-03/27/80	1	36.	36.	36.	36.	0.	0.	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	03/27/80-03/27/80	1	106.	106.	106.	106.	0.	0.	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	03/27/80-03/27/80	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	03/27/80-03/27/80	1	25.	25.	25.	25.	0.	0.	**	**	**	**
00946 SULFATE, DISSOLVED (MG/L AS SO4)	03/27/80-03/27/80	1	96.	96.	96.	96.	0.	0.	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	03/27/80-03/27/80	1	0.27	0.27	0.27	0.27	0.	0.	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SiO2)	03/27/80-03/27/80	1	9.	9.	9.	9.	0.	0.	**	**	**	**
01020 BORON, DISSOLVED (UG/L AS B)	03/27/80-03/27/80	1	135.	135.	135.	135.	0.	0.	**	**	**	**
01032 CHROMIUM, HEXAVALENT (UG/L AS CR)	03/27/80-03/27/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01167 SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	03/27/80-03/27/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31506 COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	03/27/80-03/27/80	1	430.	430.	430.	430.	0.	0.	**	**	**	**
31506 LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	03/27/80-03/27/80	1	2.633	2.633	2.633	2.633	0.	0.	**	**	**	**
31506 GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			430.								

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

Parameter Inventory for Station: CANY0167

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	03/27/80-03/27/80	1	230.	230.	230.	0.	0.	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	03/27/80-03/27/80	1	2.362	2.362	2.362	0.	0.	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =		230.								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/27/80-03/27/80	1	488.	488.	488.	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/27/80-03/27/80	1	0.03	0.03	0.03	0.	0.	**	**	**	**
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/27/80-03/27/80	1	10.	10.	10.	0.	0.	**	**	**	**
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	03/27/80-03/27/80	1 ##	0.025	0.025	0.025	0.	0.	**	**	**	**
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/27/80-03/27/80	1	1.	1.	1.	0.	0.	**	**	**	**
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/27/80-03/27/80	1 ##	2.5	2.5	2.5	0.	0.	**	**	**	**
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/27/80-03/27/80	1 ##	5.	5.	5.	0.	0.	**	**	**	**
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	03/27/80-03/27/80	1	0.2	0.2	0.2	0.	0.	**	**	**	**
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/27/80-03/27/80	1 ##	5.	5.	5.	0.	0.	**	**	**	**
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/27/80-03/27/80	1	18.	18.	18.	0.	0.	**	**	**	**
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/27/80-03/27/80	1	0.7	0.7	0.7	0.	0.	**	**	**	**
82715	NICKEL, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/27/80-03/27/80	1 ##	5.	5.	5.	0.	0.	**	**	**	**
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/27/80-03/27/80	1 ##	1.	1.	1.	0.	0.	**	**	**	**
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/27/80-03/27/80	1 ##	2.5	2.5	2.5	0.	0.	**	**	**	**

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EPA Water Quality Criteria Analysis for Station: CANY0167

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
			Obs			Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	1	0	0.00			1	0	0.00						
00300	OXYGEN, DISSOLVED	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						
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	0	0.00			1	0	0.00						
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00			1	0	0.00						
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00			1	0	0.00						
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00			1	0	0.00						
		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						
01032	CHROMIUM, HEXAVALENT	Fresh Acute	16.	1	0	0.00			1	0	0.00						
		Drinking Water	100.	1	0	0.00			1	0	0.00						
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE	Fresh Acute	20.	1	0	0.00			1	0	0.00						
		Drinking Water	50.	1	0	0.00			1	0	0.00						
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	1	0	0.00			1	0	0.00						
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	1	1	1.00			1	1	1.00						
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	360.	1	0	0.00			1	0	0.00						
		Drinking Water	50.	1	0	0.00			1	0	0.00						
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER	Drinking Water	2.	1	0	0.00			1	0	0.00						
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	3.9	1	0	0.00			1	0	0.00						
		Drinking Water	5.	1	0	0.00			1	0	0.00						
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WAT	Drinking Water	100.	1	0	0.00			1	0	0.00						
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	18.	1	0	0.00			1	0	0.00						
		Drinking Water	1300.	1	0	0.00			1	0	0.00						
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	82.	1	0	0.00			1	0	0.00						
		Drinking Water	15.	1	0	0.00			1	0	0.00						
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	2.4	1	0	0.00			1	0	0.00						
		Drinking Water	2.	1	0	0.00			1	0	0.00						
82715	NICKEL, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	1400.	1	0	0.00			1	0	0.00						
		Drinking Water	100.	1	0	0.00			1	0	0.00						
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	4.1	1	0	0.00			1	0	0.00						
		Drinking Water	100.	1	0	0.00			1	0	0.00						
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER	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: CANY0168

NPS Station ID: CANY0168 Location: (D-30-19)3DA Big Spring Creek Station Type: /TYPA/AMBNT/STREAM RMI-Indexes: RMI-Miles: HUC: 14030005 Major Basin: COLORADO RIVER Minor Basin: UPPER COLORADO RIVER RF1 Index: 14030005 RF3 Index: 14070004002901.17 Description: The station is located on The Loop Utah 7.5 minute series at the confluence with Salt Creek. Stream bed at this point is in a limestone formation. Flow was not measured as Big Spring was still in flood due to runoff from rain and melting snow. No riparian vegetation. This source is ephemeral but may have water present during much of the year. Source Type: Elephant Canyon. Position: Stream Channel. The data are from the report "Water Resources Descriptions and Data Base Canyonlands National Park Needles District and Adjacent BLM Lands" prepared by Ecosystems Research Institute (October 1984). For information on Canyonlands National Park; contact the Chief of Resources at Canyonlands National Park; 2282 S. West Resource Blvd.; Moab UT 84532 (Tel. 801-259-7164). Data were processed and uploaded to STORET by Lisa Dummer; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).	LAT/LON: 38.205449/-109.816753 Depth of Water: 0 Elevation: 0 RF1 Mile Point: 0.000 RF3 Mile Point: 2.36	Agency: 11NPSWRD FIPS State/County: 49037 UTAH/SAN JUAN STORET Station ID(s): CANY_ERI_BS10 Within Park Boundary: Yes Aquifer: Water Body Id: ECO Region: Distance from RF1: 0.80 Distance from RF3: 0.11

Date Created: 08/21/99

On/Off RF1:
On/Off RF3:

Parameter Inventory for Station: CANY0168

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/26/84-04/26/84	1	8.8	8.8	8.8	8.8	0.	0.	**	**	**	**
00094 SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	04/26/84-04/26/84	1	614.	614.	614.	614.	0.	0.	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	04/26/84-04/26/84	1	9.6	9.6	9.6	9.6	0.	0.	**	**	**	**
00406 PH, FIELD, STANDARD UNITS SU	04/26/84-04/26/84	1	8.12	8.12	8.12	8.12	0.	0.	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS	04/26/84-04/26/84	1	8.12	8.12	8.12	8.12	0.	0.	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/26/84-04/26/84	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: CANY0168

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	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: CANY0169

NPS Station ID: CANY0169
 Location: (D-30-19)3AD
 Station Type: /TYPA/AMBNT/SPRING
 RMI-Indexes:
 RMI-Miles:
 HUC: 14030005
 Major Basin: COLORADO RIVER
 Minor Basin: UPPER COLORADO RIVER
 RF1 Index: 14030005
 RF3 Index: 14070004002901.17

LAT/LON: 38.207004/-109.816949

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 2.36

Agency: 11NPSWRD
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): CANY_ERI_SC22
 Within Park Boundary: Yes

Date Created: 08/21/99

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.80
 Distance from RF3: 0.11

On/Off RF1:
 On/Off RF3:

Description:
 The station is located on The Loop Utah 7.5 minute series (topographic) quadrangle. The site is a spring approximately 50 feet downstream from the jump at the confluence of Big Spring Creek and Salt Creek on the south side of Salt Creek in Canyonlands National Park. Periphyton and Juncus spp. were present. Flow measured in a 90 degree triangular notch weir. Formation: Elephant Canyon. The data are from the report "Water Resources Descriptions and Data Base Canyonlands National Park Needles District and Adjacent BLM Lands" prepared by Ecosystems Research Institute (October 1984). For information on Canyonlands National Park; contact the Chief of Resources at Canyonlands National Park; 2282 S. West Resource Blvd.; Moab UT 84532 (Tel. 801-259-7164). Data were processed and uploaded to STORET by Lisa Dummer; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: CANY0169

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/26/84-04/26/84	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	04/26/84-04/26/84	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00094 SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	04/26/84-04/26/84	1	3720.	3720.	3720.	3720.	0.	0.	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	04/26/84-04/26/84	1	9.6	9.6	9.6	9.6	0.	0.	**	**	**	**
00406 PH, FIELD, STANDARD UNITS SU	04/26/84-04/26/84	1	7.52	7.52	7.52	7.52	0.	0.	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS	04/26/84-04/26/84	1	7.52	7.52	7.52	7.52	0.	0.	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/26/84-04/26/84	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0169

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	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: CANY0170

NPS Station ID: CANY0170 Location: (D-30-19)3AD Station Type: /TYPA/AMBNT/SPRING RMI-Indexes: RMI-Miles: HUC: 14030005 Major Basin: COLORADO RIVER Minor Basin: UPPER COLORADO RIVER RF1 Index: 14030005 RF3 Index: 14070004002901.17 Description: The station is located on The Loop Utah 7.5 minute series (topographic) quadrangle. The site is a spring that appears to share sources with CANY_ERI_SC22 in Canyonlands National Park. The spring occurs approximately 150 feet downstream from Big Spring confluence 100 feet downstream from CANY_ERI_SC22 on the south side of Salt Creek and at the mouth of an overhanging alcove with seep. There is an almost continuous seep connecting CANY_ERI_SC22 with CANY_ERI_SC23. The data are from the report "Water Resources Descriptions and Data Base Canyonlands National Park Needles District and Adjacent BLM Lands" prepared by Ecosystems Research Institute (October 1984). For information on Canyonlands National Park; contact the Chief of Resources at Canyonlands National Park; 2282 S. West Resource Blvd.; Moab UT 84532 (Tel. 801-259-7164). Data were processed and uploaded to STORET by Lisa Dummer; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).	LAT/LON: 38.207837/-109.818366 Depth of Water: 0 Elevation: 0 RF1 Mile Point: 0.000 RF3 Mile Point: 2.36	Agency: 11NPSWRD FIPS State/County: 49037 UTAH/SAN JUAN STORET Station ID(s): CANY_ERI_SC23 Within Park Boundary: Yes Aquifer: Water Body Id: ECO Region: Distance from RF1: 0.80 Distance from RF3: 0.11

Date Created: 08/21/99

On/Off RF1:
On/Off RF3:

Parameter Inventory for Station: CANY0170

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/26/84-04/26/84	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	04/26/84-04/26/84	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00094 SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	04/26/84-04/26/84	1	3000.	3000.	3000.	3000.	0.	0.	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	04/26/84-04/26/84	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00406 PH, FIELD, STANDARD UNITS SU	04/26/84-04/26/84	1	7.76	7.76	7.76	7.76	0.	0.	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS	04/26/84-04/26/84	1	7.76	7.76	7.76	7.76	0.	0.	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/26/84-04/26/84	1	0.017	0.017	0.017	0.017	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0170

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	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: CANY0171

NPS Station ID: CANY0171 LAT/LON: 38.211421/-109.672032

Location: (D-30-20)1AA BLM #155 (LOCKHART BASIN RD)

Station Type: /TYP/AMBNT/STREAM

RMI-Indexes:

RMI-Miles:

HUC: 14030005

Major Basin: COLORADO RIVER

Minor Basin: UPPER COLORADO RIVER

RF1 Index: 14030005

RF3 Index: 14070004002901.17

Description:

The station is located on the North Six-shooter Peak Utah 7.5 minute series (topographic) quadrangle. The site is located at Indian Creek immediately below the jump outside Canyonlands National Park. This site was also electrofished. Flow was estimated by velocity X width X average depth. Source Type: Stream. Formation: Alluvium. Substrate: Sand/cobble. The data are from the report "Water Resources Descriptions and Data Base Canyonlands National Park Needles District and Adjacent BLM Lands" prepared by Ecosystems Research Institute (October 1984).

For information on Canyonlands National Park; contact the Chief of Resources at Canyonlands National Park; 2282 S. West Resource Blvd.; Moab UT 84532 (Tel. 801-259-7164). Data were processed and uploaded to STORET by Lisa Dummer; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Agency: 11NPSWRD

FIPS State/County: 49037 UTAH/SAN JUAN

STORET Station ID(s): CANY_ERI_IC9

Within Park Boundary: No

Date Created: 08/21/99

Depth of Water: 0

Elevation: 0

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 0.80

Distance from RF3: 0.11

On/Off RF1:

On/Off RF3:

Parameter Inventory for Station: CANY0171

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00004 STREAM WIDTH (FEET)	03/24/77-03/24/77	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/24/77-04/24/84	2	15.85	15.85	21.2	10.5	57.245	7.566	**	**	**	**
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/24/77-03/24/77	1	9.5	9.5	9.5	9.5	0.	0.	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	03/24/77-04/24/84	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00064 DEPTH OF STREAM, MEAN (FT)	03/24/77-03/24/77	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00094 SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	03/24/77-04/24/84	2	1016.5	1016.5	1435.	598.	350284.5	591.848	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	03/24/77-04/24/84	2	10.3	10.3	11.2	9.4	1.62	1.273	**	**	**	**
00406 PH, FIELD, STANDARD UNITS SU	03/24/77-04/24/84	2	8.575	8.575	9.3	7.85	1.051	1.025	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS	03/24/77-04/24/84	2	8.136	8.136	9.3	7.85	1.437	1.199	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/24/77-04/24/84	2	0.007	0.007	0.014	0.001	0.	0.01	**	**	**	**
31501 COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/24/77-03/24/77	1	2563.	2563.	2563.	2563.	0.	0.	**	**	**	**
31501 LOG COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,	03/24/77-03/24/77	1	3.409	3.409	3.409	3.409	0.	0.	**	**	**	**
31501 GM COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2563.								

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

EPA Water Quality Criteria Analysis for Station: CANY0171

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00				1	0	0.00	1	0	0.00			
00406 PH, FIELD	Fresh Chronic	9.	2	1	0.50				1	0	0.00	1	1	1.00			
	Other-Lo Lim.	6.5	2	0	0.00				1	0	0.00	1	0	0.00			
31501 COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	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: CANY0172

NPS Station ID: CANY0172
 Location: (D-30-19)4AA
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 14030005
 Major Basin: COLORADO RIVER
 Minor Basin: UPPER COLORADO RIVER
 RF1 Index: 14030005
 RF3 Index: 14070004002901.17

LAT/LON: 38.211559/-109.835031

Depth of Water: 0
 Elevation: 0

RF1 Mile Point: 0.000
 RF3 Mile Point: 2.36

Agency: 11NPSWRD
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): CANY_ERI_SC24
 Within Park Boundary: Yes

Date Created: 08/21/99

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.80
 Distance from RF3: 0.11

On/Off RF1:
 On/Off RF3:

Description:

The station is located on The Loop Utah 7.5 minute series (topographic) quadrangle. The site is a rise in Salt Creek about 1/4 mile upstream from the confluence with the Colorado River. Salt Creek was a flowing stream during sampling due to runoff from rain. Due to the ephemeral nature at this site; rise would be the appropriate type. Bacteriological samples were held longer than 30 hours. The data are from the report "Water Resources Descriptions and Data Base Canyonlands National Park Needles District and Adjacent BLM Lands" prepared by Ecosystems Research Institute (October 1984). For information on Canyonlands National Park; contact the Chief of Resources at Canyonlands National Park; 2282 S. West Resource Blvd.; Moab UT 84532 (Tel. 801-259-7164). Data were processed and uploaded to STORET by Lisa Dummer; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: CANY0172

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/27/84-04/27/84	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00094 SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	04/27/84-04/27/84	1	1193.	1193.	1193.	1193.	0.	0.	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	04/27/84-04/27/84	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00406 PH, FIELD, STANDARD UNITS SU	04/27/84-04/27/84	1	8.7	8.7	8.7	8.7	0.	0.	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS	04/27/84-04/27/84	1	8.7	8.7	8.7	8.7	0.	0.	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/27/84-04/27/84	1	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	04/27/84-04/27/84	1	307.	307.	307.	307.	0.	0.	**	**	**	**
00515 RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	04/27/84-04/27/84	1	308.	308.	308.	308.	0.	0.	**	**	**	**
00600 NITROGEN, TOTAL (MG/L AS N)	04/27/84-04/27/84	1	0.96	0.96	0.96	0.96	0.	0.	**	**	**	**
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/27/84-04/27/84	1	0.033	0.033	0.033	0.033	0.	0.	**	**	**	**
00615 NITRITE NITROGEN, TOTAL (MG/L AS N)	04/27/84-04/27/84	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	04/27/84-04/27/84	1	0.179	0.179	0.179	0.179	0.	0.	**	**	**	**
00665 PHOSPHORUS, TOTAL (MG/L AS P)	04/27/84-04/27/84	1	0.46	0.46	0.46	0.46	0.	0.	**	**	**	**
00680 CARBON, TOTAL ORGANIC (MG/L AS C)	04/27/84-04/27/84	1	5.2	5.2	5.2	5.2	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	04/27/84-04/27/84	1	663.	663.	663.	663.	0.	0.	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	04/27/84-04/27/84	1	62.	62.	62.	62.	0.	0.	**	**	**	**
00946 SULFATE, DISSOLVED (MG/L AS SO4)	04/27/84-04/27/84	1	128.	128.	128.	128.	0.	0.	**	**	**	**
01516 ALPHA, SUSPEND GROSS, AS URANIUM NATURAL, PC/L	04/27/84-04/27/84	1	25.	25.	25.	25.	0.	0.	**	**	**	**
03516 BETA, SUSPENDED GROSS, AS CS-137, PC/L	04/27/84-04/27/84	1	35.	35.	35.	35.	0.	0.	**	**	**	**
31501 COLIFORM,TOT, MEMBRANE FILTER, IMMED.M-ENDO MED,35C	04/27/84-04/27/84	1	50.	50.	50.	50.	0.	0.	**	**	**	**
31501 LOG COLIFORM,TOT, MEMBRANE FILTER, IMMED.M-ENDO MED,3	04/27/84-04/27/84	1	1.699	1.699	1.699	1.699	0.	0.	**	**	**	**
31501 GM COLIFORM,TOT, MEMBRANE FILTER, IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			50.								

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

Parameter Inventory for Station: CANY0172

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	04/27/84-04/27/84	1	25.	25.	25.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	04/27/84-04/27/84	1	1.398	1.398	1.398	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =		25.								
50786	ORTHOPHOSPHATE AS P, WATER MG/L	04/27/84-04/27/84	1 ##	0.005	0.005	0.005	0.	0.	**	**	**	**
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	04/27/84-04/27/84	1	653.	653.	653.	0.	0.	**	**	**	**
70953	CHLOROPHYLL-A, PHYTOPLANKTON UG/L, CHROMO-FLUORO	04/27/84-04/27/84	1	0.4	0.4	0.4	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0172

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	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			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	0	0.00						1	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00						1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00						1	0	0.00			
		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			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	0	0.00						1	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1	0	0.00						1	0	0.00			

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

Station Inventory for Station: CANY0173

NPS Station ID: CANY0173
 Location: (D-30-19)4AAA
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 14030005
 Major Basin: COLORADO RIVER
 Minor Basin: UPPER COLORADO RIVER
 RF1 Index: 14030005
 RF3 Index: 14070004002901.17

LAT/LON: 38.212559/-109.836921

Depth of Water: 0
 Elevation: 0

RF1 Mile Point: 0.000
 RF3 Mile Point: 2.36

Agency: 11NPSWRD
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): CANY_ERI_SC25
 Within Park Boundary: Yes

Date Created: 08/21/99

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.80
 Distance from RF3: 0.11

On/Off RF1:
 On/Off RF3:

Description:
 The station is located on The Loop Utah 7.5 minute series (topographic) quadrangle. The site is in a backwater just downstream from CANY_ERI_SC24 in Canyonlands National Park. Seven juvenile Colorado squaw fish were seined on the sample date. This site is ephemeral and should be classified as a rise; although it was flowing during sampling due to recent rain and snow melt. Source Type: Rise. The data are from the report "Water Resources Descriptions and Data Base Canyonlands National Park Needles District and Adjacent BLM Lands" prepared by Ecosystems Research Institute (October 1984). For information on Canyonlands National Park; contact the Chief of Resources at Canyonlands National Park; 2282 S. West Resource Blvd.; Moab UT 84532 (Tel. 801-259-7164). Data were processed and uploaded to STORET by Lisa Dummer; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: CANY0173

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/27/84-04/27/84	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	04/27/84-04/27/84	1	11.4	11.4	11.4	11.4	0.	0.	**	**	**	**
00406 PH, FIELD, STANDARD UNITS SU	04/27/84-04/27/84	1	8.32	8.32	8.32	8.32	0.	0.	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS	04/27/84-04/27/84	1	8.32	8.32	8.32	8.32	0.	0.	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/27/84-04/27/84	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: CANY0173

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	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: CANY0174

NPS Station ID: CANY0174
 Location: INDIAN CK AT LOCKHART BASIN ROAD XING
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 14030005
 Major Basin:
 Minor Basin:
 RF1 Index:
 RF3 Index: 14030005000112.09
 Description:

LAT/LON: 38.212667/-109.673833

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 12.09

Agency: 21UTAH
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): 495576
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.02

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: CANY0174

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/21/78-03/21/78	1	5.6	5.6	5.6	5.6	0.	0.	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	03/21/78-03/21/78	1	2.3	2.3	2.3	2.3	0.	0.	**	**	**	**
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/21/78-03/21/78	1	290.	290.	290.	290.	0.	0.	**	**	**	**
00094 SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/21/78-03/21/78	1	1570.	1570.	1570.	1570.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/21/78-03/21/78	1	1570.	1570.	1570.	1570.	0.	0.	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	03/21/78-03/21/78	1	9.1	9.1	9.1	9.1	0.	0.	**	**	**	**
00310 BOD, 5 DAY, 20 DEG C MG/L	03/21/78-03/21/78	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	03/21/78-03/21/78	1	8.7	8.7	8.7	8.7	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	03/21/78-03/21/78	1	8.7	8.7	8.7	8.7	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/21/78-03/21/78	1	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
00405 CARBON DIOXIDE (MG/L AS CO2)	03/21/78-03/21/78	2	3.	3.	3.	3.	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	03/21/78-03/21/78	1	261.	261.	261.	261.	0.	0.	**	**	**	**
00440 BICARBONATE ION (MG/L AS HCO3)	03/21/78-03/21/78	1	318.	318.	318.	318.	0.	0.	**	**	**	**
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/21/78-03/21/78	1	345.	345.	345.	345.	0.	0.	**	**	**	**
00615 NITRITE NITROGEN, TOTAL (MG/L AS N)	03/21/78-03/21/78	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	03/21/78-03/21/78	1	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/21/78-03/21/78	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00680 CARBON, TOTAL ORGANIC (MG/L AS C)	03/21/78-03/21/78	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	03/21/78-03/21/78	1	270.	270.	270.	270.	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	03/21/78-03/21/78	1	40.	40.	40.	40.	0.	0.	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	03/21/78-03/21/78	1	41.	41.	41.	41.	0.	0.	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	03/21/78-03/21/78	1	124.	124.	124.	124.	0.	0.	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	03/21/78-03/21/78	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	03/21/78-03/21/78	1	96.	96.	96.	96.	0.	0.	**	**	**	**
00946 SULFATE, DISSOLVED (MG/L AS SO4)	03/21/78-03/21/78	1	140.	140.	140.	140.	0.	0.	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	03/21/78-03/21/78	1	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SiO2)	03/21/78-03/21/78	1	13.	13.	13.	13.	0.	0.	**	**	**	**
01020 BORON, DISSOLVED (UG/L AS B)	03/21/78-03/21/78	1	230.	230.	230.	230.	0.	0.	**	**	**	**
01032 CHROMIUM, HEXAVALENT (UG/L AS CR)	03/21/78-03/21/78	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01046 IRON, DISSOLVED (UG/L AS FE)	03/21/78-03/21/78	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01167 SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	03/21/78-03/21/78	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31506 COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	03/21/78-03/21/78	1	93.	93.	93.	93.	0.	0.	**	**	**	**
31506 LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	03/21/78-03/21/78	1	1.968	1.968	1.968	1.968	0.	0.	**	**	**	**
31506 GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			93.								
31614 FECAL COLIFORM,MPN,TUBE CONFIGURATION	03/21/78-03/21/78	1	2400.	2400.	2400.	2400.	0.	0.	**	**	**	**
31614 LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	03/21/78-03/21/78	1	3.38	3.38	3.38	3.38	0.	0.	**	**	**	**
31614 GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			2400.								
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/21/78-03/21/78	1	582.	582.	582.	582.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: CANY0174

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/21/78-03/21/78	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/21/78-03/21/78	1	9.	9.	9.	9.	0.	0.	**	**	**	**
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	03/21/78-03/21/78	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/21/78-03/21/78	1	4.	4.	4.	4.	0.	0.	**	**	**	**
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/21/78-03/21/78	1	10.	10.	10.	10.	0.	0.	**	**	**	**
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/21/78-03/21/78	1	25.	25.	25.	25.	0.	0.	**	**	**	**
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	03/21/78-03/21/78	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/21/78-03/21/78	1	20.	20.	20.	20.	0.	0.	**	**	**	**
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/21/78-03/21/78	1	275.	275.	275.	275.	0.	0.	**	**	**	**
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/21/78-03/21/78	1	1.9	1.9	1.9	1.9	0.	0.	**	**	**	**
82715	NICKEL, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/21/78-03/21/78	1	25.	25.	25.	25.	0.	0.	**	**	**	**
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/21/78-03/21/78	1	5.	5.	5.	5.	0.	0.	**	**	**	**
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/21/78-03/21/78	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: CANY0174

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	1	1.00				1	1	1.00						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0.00				1	0	0.00						
00400	PH	Fresh Chronic	9.	1	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0.00				1	0	0.00						
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	0.00				1	0	0.00						
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0.00				1	0	0.00						
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0.00				1	0	0.00						
		Drinking Water	250.	1	0.00				1	0	0.00						
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0.00				1	0	0.00						
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0.00				1	0	0.00						
01032	CHROMIUM, HEXAVALENT	Fresh Acute	16.	1	0.00				1	0	0.00						
		Drinking Water	100.	1	0.00				1	0	0.00						
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE	Fresh Acute	20.	1	0.00				1	0	0.00						
		Drinking Water	50.	1	0.00				1	0	0.00						
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	1	0.00				1	0	0.00						
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	1	1.00				1	1	1.00						
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	360.	1	0.00				1	0	0.00						
		Drinking Water	50.	1	0.00				1	0	0.00						
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER	Drinking Water	2.	1	0.00				1	0	0.00						
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	3.9	1	1.00				1	1	1.00						
		Drinking Water	5.	1	0.00				1	0	0.00						
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WAT	Drinking Water	100.	1	0.00				1	0	0.00						
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	18.	1	1.00				1	1	1.00						
		Drinking Water	1300.	1	0.00				1	0	0.00						
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	82.	1	0.00				1	0	0.00						
		Drinking Water	15.	1	1.00				1	1	1.00						
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	2.4	1	0.00				1	0	0.00						
		Drinking Water	2.	1	0.00				1	0	0.00						
82715	NICKEL, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	1400.	1	0.00				1	0	0.00						
		Drinking Water	100.	1	0.00				1	0	0.00						
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	4.1	1	1.00				1	1	1.00						
		Drinking Water	100.	1	0.00				1	0	0.00						
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	120.	1	0.00				1	0	0.00						
		Drinking Water	5000.	1	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: CANY0175

NPS Station ID: CANY0175 LAT/LON: 38.214170/-110.067782

Location: BIG WATER SPRING T30S R17E S9 NW1/4 SW1/4

Station Type: /TYPA/AMBNT/SPRING

RMI-Indexes:

RMI-Miles:

HUC: 14060008

Major Basin: COLORADO RIVER

Minor Basin: UPPER COLORADO RIVER

RF1 Index: 14060008

RF3 Index: 14070004002901.17

Description:

THE STATION IS LOCATED ON THE ELATERITE BASIN UTAH 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. BIG WATER SPRING IS LOCATED INSIDE THE GLEN CANYON NATIONAL RECREATION AREA. THE SAMPLES WERE COLLECTED AND ANALYZED BY NATIONAL PARK SERVICE PERSONNEL. THE MONITORING BEGAN IN RESPONSE TO A PROPOSED SITING OF A NUCLEAR WASTE REPOSITORY NEAR THE PARK AS STATED BY B. LONG AND R. SMITH IN THE REPORT "WATER QUALITY DATA ANALYSIS AND INTERPRETATION FOR SPRING MONITORING SITES SOUTHEAST UTAH GROUP" (AUGUST 1996). THE INITIAL MONITORING OBJECTIVES WERE TO ESTABLISH A BASELINE DATABASE; DETECT POTENTIAL CHANGES; AND IDENTIFY AREAS OF CONCERN. THE UTAH DEPARTMENT OF ENVIRONMENTAL QUALITY ANALYZED THE SAMPLES IN A COOPERATIVE EFFORT WITH THE PARK SERVICE AFTER 10/26/1990. THESE DATA CAN BE FOUND UNDER THE STATION 599541. DATA WERE PROCESSED AND UPLOADED TO STORET BY LISA DUMMER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Agency: 11NPSWRD

FIPS State/County: 49055 UTAH/WAYNE

STORET Station ID(s): GLCA_NPS_599541/BWC1 /599541

Within Park Boundary: No

Date Created: 05/22/99

Depth of Water: 0

Elevation: 0

RF1 Mile Point: 0.000

RF3 Mile Point: 2.36

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 0.80

Distance from RF3: 0.11

On/Off RF1:

On/Off RF3:

Parameter Inventory for Station: CANY0175

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/30/84-10/08/89	8	13.	12.963	15.6	9.4	4.983	2.232	**	**	**	**
00094 SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	09/30/84-10/08/89	7	2010.	1442.857	2180.	223.	773971.476	879.756	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	09/30/84-10/08/89	7	8.	8.	10.7	6.9	1.733	1.317	**	**	**	**
00400 PH (STANDARD UNITS)	09/30/84-10/08/89	8	6.775	6.58	7.84	5.05	0.983	0.991	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	09/30/84-10/08/89	8	6.63	5.754	7.84	5.05	1.763	1.328	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/30/84-10/08/89	8	0.234	1.764	8.913	0.014	10.137	3.184	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	09/30/84-10/08/89	10	202.5	169.7	272.	8.5	8093.511	89.964	8.5	122.125	217.5	268.8
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	09/30/84-10/08/89	7 ##	0.05	0.176	0.68	0.05	0.058	0.241	**	**	**	**
00655 PHOSPHATE, POLY (MG/L AS PO4)	09/30/84-10/08/89	9	0.5	1.789	11.	0.05	12.293	3.506	0.05	0.225	1.55	11.
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	09/30/84-10/08/89	8	1094.5	968.5	1317.	77.	146905.429	383.282	**	**	**	**
00940 CHLORIDE, TOTAL IN WATER MG/L	04/24/87-10/08/88	4	87.	89.	114.	68.	438.667	20.944	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	09/30/84-10/08/89	7	112.	274.286	896.	48.	105995.238	325.569	**	**	**	**
01042 COPPER, TOTAL (UG/L AS CU)	09/30/84-10/08/89	9	1700.	1697.778	3500.	50.	861419.444	928.127	50.	1200.	2100.	3500.
01045 IRON, TOTAL (UG/L AS FE)	09/30/84-10/08/89	8 ##	50.	265.	1470.	50.	241657.143	491.586	**	**	**	**
01055 MANGANESE, TOTAL (UG/L AS MN)	09/30/84-10/08/89	8	165.	832.5	4900.	50.	2759992.857	1661.323	**	**	**	**
31501 COLIFORM, TOT, MEMBRANE FILTER, IMMED. M-ENDO MED, 35C	06/07/85-10/08/88	4 ##	0.	10.	40.	0.	400.	20.	**	**	**	**
31501 LOG COLIFORM, TOT, MEMBRANE FILTER, IMMED. M-ENDO MED,	06/07/85-10/08/88	4 ##	0.	0.401	1.602	0.	0.642	0.801	**	**	**	**
31501 GM COLIFORM, TOT, MEMBRANE FILTER, IMMED. M-ENDO MED, 3	GEOMETRIC MEAN =			2.515								
31616 FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	04/24/87-10/08/88	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: CANY0175

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616 LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	04/24/87-10/08/88	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
31616 GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			1.								

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

EPA Water Quality Criteria Analysis for Station: CANY0175

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	7	0	0.00	3	0	0.00	1	0	0.00	3	0	0.00			
00400 PH	Fresh Chronic	9.	8	0	0.00	4	0	0.00	1	0	0.00	3	0	0.00			
	Other-Lo Lim.	6.5	8	4	0.50	4	2	0.50	1	1	1.00	3	1	0.33			
00620 NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	7	0	0.00	5	0	0.00	1	0	0.00	1	0	0.00			
00940 CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00			
	Drinking Water	250.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00			
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	250.	7	2	0.29	4	1	0.25	1	1	1.00	2	0	0.00			
01042 COPPER, TOTAL	Fresh Acute	18.	8 &	8	1.00	4	4	1.00	1	1	1.00	3	3	1.00			
	Drinking Water	1300.	9	7	0.78	5	3	0.60	1	1	1.00	3	3	1.00			
31501 COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	4	0	0.00	1	0	0.00				2	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				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: CANY0176

NPS Station ID: CANY0176
 Location: (D-30-17) 9CBC-S1
 Station Type: /TYPA/AMBNT/SPRING
 RMI-Indexes:
 RMI-Miles:
 HUC: 14060008
 Major Basin:
 Minor Basin:
 RF1 Index: 14060008
 RF3 Index: 14070004002901.17
 Description:

LAT/LON: 38.214170/-110.068059

Depth of Water: 0
 Elevation: 0

RF1 Mile Point: 0.000
 RF3 Mile Point: 8.87

Agency: 112WRD
 FIPS State/County: 49055 UTAH/WAYNE
 STORET Station ID(s): 381251110040501
 Within Park Boundary: No

Date Created: 01/21/84

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.90
 Distance from RF3: 0.29

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: CANY0176

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/12/83-04/12/83	1	14.	14.	14.	0.	0.	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/12/83-04/12/83	1	11.	11.	11.	0.	0.	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	04/12/83-04/12/83	1	1.1	1.1	1.1	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/12/83-04/12/83	1	2150.	2150.	2150.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	04/12/83-04/12/83	1	8.	8.	8.	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/12/83-04/12/83	1	8.	8.	8.	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/12/83-04/12/83	1	0.01	0.01	0.01	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	04/12/83-04/12/83	1	8.4	8.4	8.4	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	04/12/83-04/12/83	1	8.4	8.4	8.4	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/12/83-04/12/83	1	0.004	0.004	0.004	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/12/83-04/12/83	1	0.6	0.6	0.6	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	04/12/83-04/12/83	1	1300.	1300.	1300.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	04/12/83-04/12/83	1	270.	270.	270.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/12/83-04/12/83	1	160.	160.	160.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS Na)	04/12/83-04/12/83	1	120.	120.	120.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	04/12/83-04/12/83	1	1.4	1.4	1.4	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	04/12/83-04/12/83	1	16.	16.	16.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/12/83-04/12/83	1	21.	21.	21.	0.	0.	**	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	04/12/83-04/12/83	1	74.	74.	74.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	04/12/83-04/12/83	1	1200.	1200.	1200.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/12/83-04/12/83	1	0.4	0.4	0.4	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SiO2)	04/12/83-04/12/83	1	11.	11.	11.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	04/12/83-04/12/83	1	30.	30.	30.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/12/83-04/12/83	1	10.	10.	10.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/12/83-04/12/83	1	1980.	1980.	1980.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0176

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	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			
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			

& - 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: CANY0176

Parameter	Std. Type	Std. Value	Total			7/15-10/14-----			10/15-3/31-----			4/01-5/31-----			6/01-7/14-----		
			Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00631	NITRITE PLUS NITRATE, DISS. I DET.	10.	1	0	0.00							1	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	860.	1	0	0.00							1	0	0.00			
	Fresh Acute	250.	1	0	0.00							1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	250.	1	1	1.00							1	1	1.00			
00950	FLUORIDE, DISSOLVED AS F	4.	1	0	0.00							1	0	0.00			
	Drinking Water																

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

Station Inventory for Station: CANY0177

NPS Station ID: CANY0177 Location: D-30-17)9 BIG WATER SPRING 4 Station Type: TYPA/AMBNT/SPRING 9 RMI-Indexes: RMI-Miles: (HUC: 4070001C Major Basin: OLORADO RIVER M Minor Basin: IDdle COLORADO-SAN JUAN RIVER RF1 Index: 4070001 RF3 Index: 14070004002901.17 Description: The station is located on the Teapot Rock Utah 7.5 minute series (topographic) quadrangle. The site is a spring named Big Water Spring in Canyonlands National Park. The data are from the report "Water Resources Descriptions and Data Base Canyonlands National Park Needles District and Adjacent BLM Lands" prepared by Ecosystems Research Institute (October 1984). For information on Canyonlands National Park; contact the Chief of Resources at Canyonlands National Park; 2282 S. West Resource Blvd.; Moab UT 84532 (Tel. 801-259-7164). Data were processed and uploaded to STORET by Lisa Dummer; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).	LAT/LON: 38.214098/-110.067964 Depth of Water: 0 Elevation: 0 / RF1 Mile Point: 0.000 RF3 Mile Point: 2.36	Agency: 11NPSWRD FIPS State/County: 9017U TAH G/ARFIELD 1 STORET Station ID(s): CANY_ERI_MS6 Within Park Boundary: No Aquifer: Water Body Id: ECO Region: Distance from RF1: 0.80 Distance from RF3: 0.11

Date Created: 82/11/90

On/Off RF1: 0
On/Off RF3:

Parameter Inventory for Station: CANY0177

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00070 TURBIDITY, (JACKSON CANDLE UNITS)	08/07/74-08/07/74	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/07/74-08/07/74	1	3980.	3980.	3980.	3980.	0.	0.	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	08/07/74-08/07/74	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	08/07/74-08/07/74	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/07/74-08/07/74	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	08/07/74-08/07/74	1	161.	161.	161.	161.	0.	0.	**	**	**	**
00440 BICARBONATE ION (MG/L AS HCO3)	08/07/74-08/07/74	1	196.	196.	196.	196.	0.	0.	**	**	**	**
00445 CARBONATE ION (MG/L AS CO3)	08/07/74-08/07/74	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/07/74-08/07/74	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00615 NITRITE NITROGEN, TOTAL (MG/L AS N)	08/07/74-08/07/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	08/07/74-08/07/74	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	08/07/74-08/07/74	1	2080.	2080.	2080.	2080.	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	08/07/74-08/07/74	1	432.	432.	432.	432.	0.	0.	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS Mg)	08/07/74-08/07/74	1	243.	243.	243.	243.	0.	0.	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	08/07/74-08/07/74	1	270.	270.	270.	270.	0.	0.	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	08/07/74-08/07/74	1	23.	23.	23.	23.	0.	0.	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	08/07/74-08/07/74	1	200.	200.	200.	200.	0.	0.	**	**	**	**
00946 SULFATE, DISSOLVED (MG/L AS SO4)	08/07/74-08/07/74	1	2240.	2240.	2240.	2240.	0.	0.	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	08/07/74-08/07/74	1	0.27	0.27	0.27	0.27	0.	0.	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SiO2)	08/07/74-08/07/74	1	13.	13.	13.	13.	0.	0.	**	**	**	**
01000 ARSENIC, DISSOLVED (UG/L AS AS)	08/07/74-08/07/74	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01005 BARIUM, DISSOLVED (UG/L AS Ba)	08/07/74-08/07/74	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01020 BORON, DISSOLVED (UG/L AS B)	08/07/74-08/07/74	1	270.	270.	270.	270.	0.	0.	**	**	**	**
01025 CADMIUM, DISSOLVED (UG/L AS Cd)	08/07/74-08/07/74	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: CANY0177

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01032 CHROMIUM, HEXAVALENT (UG/L AS CR)	08/07/74-08/07/74	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01040 COPPER, DISSOLVED (UG/L AS CU)	08/07/74-08/07/74	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01045 IRON, TOTAL (UG/L AS FE)	08/07/74-08/07/74	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01046 IRON, DISSOLVED (UG/L AS FE)	08/07/74-08/07/74	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01049 LEAD, DISSOLVED (UG/L AS PB)	08/07/74-08/07/74	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01056 MANGANESE, DISSOLVED (UG/L AS MN)	08/07/74-08/07/74	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01065 NICKEL, DISSOLVED (UG/L AS NI)	08/07/74-08/07/74	1	38.	38.	38.	38.	0.	0.	**	**	**	**
01075 SILVER, DISSOLVED (UG/L AS AG)	08/07/74-08/07/74	1	18.	18.	18.	18.	0.	0.	**	**	**	**
01090 ZINC, DISSOLVED (UG/L AS ZN)	08/07/74-08/07/74	1	70.	70.	70.	70.	0.	0.	**	**	**	**
01145 SELENIUM, DISSOLVED (UG/L AS SE)	08/07/74-08/07/74	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
50786 ORTHOPHOSPHATE AS P, WATER MG/L	08/07/74-08/07/74	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/07/74-08/07/74	1	3700.	3700.	3700.	3700.	0.	0.	**	**	**	**
71830 HYDROXIDE ION (MG/L AS OH)	08/07/74-08/07/74	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71890 MERCURY, DISSOLVED (UG/L AS HG)	08/07/74-08/07/74	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0177

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070 TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									
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									
00615 NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
00620 NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00941 CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
	Drinking Water	250.	1	0	0.00	1	0	0.00									
00946 SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	1	1.00	1	1	1.00									
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									
01025 CADMIUM, DISSOLVED	Fresh Acute	3.9	1	1	1.00	1	1	1.00									
	Drinking Water	5.	1	0	0.00	1	0	0.00									
01032 CHROMIUM, HEXAVALENT	Fresh Acute	16.	1	0	0.00	1	0	0.00									
	Drinking Water	100.	1	0	0.00	1	0	0.00									
01040 COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00	1	0	0.00									
	Drinking Water	1300.	1	0	0.00	1	0	0.00									
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	1	1.00	1	1	1.00									
	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									
01145 SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00	1	0	0.00									
	Drinking Water	50.	1	0	0.00	1	0	0.00									
71890 MERCURY, DISSOLVED	Fresh Acute	2.4	1	0	0.00	1	0	0.00									
	Drinking Water	2.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: CANY0178

NPS Station ID: CANY0178 LAT/LON: 38.214333/-110.068333
 Location: BIG WATER SPRING T30S R17E S9 NW1/4 SW1/4

Agency: 21UTAH
 FIPS State/County: 49055 UTAH/WAYNE
 STORET Station ID(s): 599541
 Within Park Boundary: No

Date Created: / /

Station Type: /TYPA/AMBNT/SPRING

RMI-Indexes:

RMI-Miles:

HUC: 14060008

Major Basin:

Minor Basin:

RF1 Index:

RF3 Index: 14060008001214.27

Depth of Water: 0

Elevation: 0

RF1 Mile Point: 0.000

RF3 Mile Point: 17.26

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 2.90

Distance from RF3: 0.00

On/Off RF1:

On/Off RF3:

Description:
 WATER QUALITY STATION IS LOCATED IN GLEN CANYON NRA. WATER SAMPLES WERE COLLECTED BY CANYONLANDS NATIONAL PARK NATURAL RESOURCE MANAGEMENT STAFF (125 W. 200 S.; MOAB UT 84532; TELEPHONE: 435-259-3911); ANALYZED BY THE UTAH DEPARTMENT OF HEALTH LABORATORY; AND UPLOADED INTO STORET BY THE UTAH DEPARTMENT OF ENVIRONMENTAL QUALITY - DIVISION OF WATER QUALITY. DATA COLLECTED AT THE SAME LOCATION PRIOR TO 10/26/1990 CAN BE FOUND AT STATION GLCA_NPS_599541.

Parameter Inventory for Station: CANY0178

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/18/80-10/26/90	3	12.5	16.4	29.	7.7	124.83	11.173	**	**	**	**
00058 FLOW, RATE GALLONS/MIN	06/18/80-11/12/80	2	4.8	4.8	5.9	3.7	2.42	1.556	**	**	**	**
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/26/90-10/26/90	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00094 SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/18/80-10/26/90	3	2650.	2203.	3750.	209.	3284527.	1812.326	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/26/90-10/26/90	1	2220.	2220.	2220.	2220.	0.	0.	**	**	**	**
00191 HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	10/26/90-10/26/90	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	06/18/80-10/26/90	3	7.1	6.067	7.3	3.8	3.863	1.966	**	**	**	**
00400 PH (STANDARD UNITS)	10/26/90-10/26/90	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	10/26/90-10/26/90	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/26/90-10/26/90	1	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00405 CARBON DIOXIDE (MG/L AS CO2)	10/26/90-10/26/90	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00406 PH, FIELD, STANDARD UNITS SU	06/18/80-10/26/90	3	7.85	7.547	7.89	6.9	0.314	0.56	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS	06/18/80-10/26/90	3	7.85	7.293	7.89	6.9	0.411	0.641	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/18/80-10/26/90	3	0.014	0.051	0.126	0.013	0.004	0.065	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	06/18/80-10/26/90	3	230.	220.667	262.	170.	2181.333	46.705	**	**	**	**
00440 BICARBONATE ION (MG/L AS HCO3)	06/18/80-10/26/90	3	280.6	267.707	320.	202.52	3575.066	59.792	**	**	**	**
00445 CARBONATE ION (MG/L AS CO3)	10/26/90-10/26/90	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/26/90-10/26/90	1	34.	34.	34.	34.	0.	0.	**	**	**	**
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/26/90-10/26/90	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00615 NITRITE NITROGEN, TOTAL (MG/L AS N)	10/26/90-10/26/90	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	06/18/80-10/26/90	3	0.34	0.27	0.41	0.06	0.034	0.185	**	**	**	**
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/26/90-10/26/90	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00665 PHOSPHORUS, TOTAL (MG/L AS P)	06/18/80-10/26/90	3	0.02	0.087	0.23	0.01	0.015	0.124	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	10/26/90-10/26/90	1	1149.9	1149.9	1149.9	1149.9	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	10/26/90-10/26/90	1	230.	230.	230.	230.	0.	0.	**	**	**	**
00916 CALCIUM, TOTAL (MG/L AS Ca)	06/18/80-11/12/80	2	175.2	175.2	288.	62.4	25447.68	159.523	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	10/26/90-10/26/90	1	140.	140.	140.	140.	0.	0.	**	**	**	**
00927 MAGNESIUM, TOTAL (MG/L AS MG)	11/12/80-11/12/80	1	125.	125.	125.	125.	0.	0.	**	**	**	**
00929 SODIUM, TOTAL (MG/L AS Na)	06/18/80-11/12/80	2	235.5	235.5	286.	185.	5100.5	71.418	**	**	**	**

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

Parameter Inventory for Station: CANY0178

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/26/90-10/26/90	1	95.	95.	95.	95.	0.	0.	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/26/90-10/26/90	1	21.	21.	21.	21.	0.	0.	**	**	**
00937	POTASSIUM, TOTAL (MG/L AS K)	06/18/80-11/12/80	2	71.55	71.55	120.	23.1	4694.805	68.519	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER (MG/L)	06/18/80-10/26/90	3	100.	86.9	114.	46.7	1261.03	35.511	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/18/80-10/26/90	3	1260.	1226.667	1320.	1100.	12933.333	113.725	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SiO2)	06/18/80-11/12/80	2	11.5	11.5	12.	11.	0.5	0.707	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	06/18/80-11/12/80	2	5.5	5.5	10.	1.	40.5	6.364	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	06/18/80-11/12/80	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	06/18/80-11/12/80	2 ##	1.25	1.25	2.	0.5	1.125	1.061	**	**	**
01037	COBALT, TOTAL (UG/L AS CO)	06/18/80-11/12/80	2	11.	11.	12.	10.	2.	1.414	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	06/18/80-11/12/80	2	10.	10.	10.	10.	0.	0.	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	06/18/80-11/12/80	2 ##	10.75	10.75	21.	0.5	210.125	14.496	**	**	**
01062	MOLYBDENUM, TOTAL (UG/L AS MO)	06/18/80-11/12/80	2 ##	2.75	2.75	5.	0.5	10.125	3.182	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	06/18/80-11/12/80	2 ##	9.25	9.25	18.	0.5	153.125	12.374	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	06/18/80-11/12/80	2	56.5	56.5	106.	7.	4900.5	70.004	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	06/18/80-11/12/80	2 ##	5.25	5.25	10.	0.5	45.125	6.718	**	**	**
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	10/26/90-10/26/90	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	06/18/80-11/12/80	2	150000.	150000.	150000.	150000.	0.	0.	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	06/18/80-11/12/80	2	5.176	5.176	5.176	5.176	0.	0.	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	06/18/80-11/12/80	2	150000.	150000.	150000.	150000.	0.	0.	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/18/80-10/26/90	3	2100.	2056.333	2125.	1944.	9620.333	98.083	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/26/90-10/26/90	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	06/18/80-11/12/80	2 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**
80110	SPECIFIC GRAVITY WATER-UNITY AT 4C	10/26/90-10/26/90	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**
82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	06/18/80-11/12/80	2 ##	500.	500.	500.	500.	0.	0.	**	**	**
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/26/90-10/26/90	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	10/26/90-10/26/90	1	0.056	0.056	0.056	0.056	0.	0.	**	**	**
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/26/90-10/26/90	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/26/90-10/26/90	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/26/90-10/26/90	1 ##	10.	10.	10.	10.	0.	0.	**	**	**
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	10/26/90-10/26/90	1	0.65	0.65	0.65	0.65	0.	0.	**	**	**
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/26/90-10/26/90	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/26/90-10/26/90	1	680.	680.	680.	680.	0.	0.	**	**	**
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/26/90-10/26/90	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/26/90-10/26/90	1 ##	1.	1.	1.	1.	0.	0.	**	**	**
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/26/90-10/26/90	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: CANY0178

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	1	0	0.00			1	0	0.00						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	3	1	0.33			2	1	0.50				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						
00406	PH, FIELD	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
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	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			2	0	0.00				1	0	0.00
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	3	0	0.00			2	0	0.00				1	0	0.00
		Drinking Water	250.	3	0	0.00			2	0	0.00				1	0	0.00
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	3	3	1.00			2	2	1.00				1	1	1.00
01002	ARSENIC, TOTAL	Fresh Acute	360.	2	0	0.00			1	0	0.00				1	0	0.00
		Drinking Water	50.	2	0	0.00			1	0	0.00				1	0	0.00
01027	CADMIUM, TOTAL	Fresh Acute	3.9	2	0	0.00			1	0	0.00				1	0	0.00
		Drinking Water	5.	2	0	0.00			1	0	0.00				1	0	0.00
01034	CHROMIUM, TOTAL	Drinking Water	100.	2	0	0.00			1	0	0.00				1	0	0.00
01042	COPPER, TOTAL	Fresh Acute	18.	2	0	0.00			1	0	0.00				1	0	0.00
		Drinking Water	1300.	2	0	0.00			1	0	0.00				1	0	0.00

& - 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: CANY0178

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
01051 LEAD, TOTAL	Fresh Acute	82.	2	0	0.00				1	0	0.00				1	0	0.00
	Drinking Water	15.	2	1	0.50				1	0	0.00				1	1	1.00
01067 NICKEL, TOTAL	Fresh Acute	1400.	2	0	0.00				1	0	0.00				1	0	0.00
	Drinking Water	100.	2	0	0.00				1	0	0.00				1	0	0.00
01092 ZINC, TOTAL	Fresh Acute	120.	2	0	0.00				1	0	0.00				1	0	0.00
	Drinking Water	5000.	2	0	0.00				1	0	0.00				1	0	0.00
01147 SELENIUM, TOTAL	Fresh Acute	20.	2	0	0.00				1	0	0.00				1	0	0.00
	Drinking Water	50.	2	0	0.00				1	0	0.00				1	0	0.00
01167 SELENIUM, ACID SOLUBLE, WATER, WHOLE	Fresh Acute	20.	1	0	0.00				1	0	0.00						
	Drinking Water	50.	1	0	0.00				1	0	0.00						
31506 COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	2	2	1.00				1	1	1.00				1	1	1.00
71900 MERCURY, TOTAL	Fresh Acute	2.4	2	0	0.00				1	0	0.00				1	0	0.00
	Drinking Water	2.	2	0	0.00				1	0	0.00				1	0	0.00
82702 ARSENIC, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	360.	1	0	0.00				1	0	0.00						
	Drinking Water	50.	1	0	0.00				1	0	0.00						
82703 BARIUM, FIELD ACIDIFIED, DECANTED, WATER	Drinking Water	2.	1	0	0.00				1	0	0.00						
82705 CADMIUM, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	3.9	1	0	0.00				1	0	0.00						
	Drinking Water	5.	1	0	0.00				1	0	0.00						
82706 CHROMIUM, FIELD ACIDIFIED, DECANTED, WAT	Drinking Water	100.	1	0	0.00				1	0	0.00						
82708 COPPER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	18.	1	0	0.00				1	0	0.00						
	Drinking Water	1300.	1	0	0.00				1	0	0.00						
82711 LEAD, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	82.	1	0	0.00				1	0	0.00						
	Drinking Water	15.	1	0	0.00				1	0	0.00						
82713 MERCURY, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	2.4	1	0	0.00				1	0	0.00						
	Drinking Water	2.	1	0	0.00				1	0	0.00						
82716 SILVER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	4.1	1	0	0.00				1	0	0.00						
	Drinking Water	100.	1	0	0.00				1	0	0.00						
82719 ZINC, FIELD ACIDIFIED, DECANTED, WATER	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: CANY0179

NPS Station ID: CANY0179
 Location: SLDH502R
 Station Type: /TYP/AMBNT/SPRING
 RMI-Indexes:
 RMI-Miles:
 HUC: 14060008
 Major Basin: COLORADO RIVER
 Minor Basin: GREEN RIVER
 RF1 Index: 14060008
 RF3 Index: 14070004002901.17

LAT/LON: 38.216198/-110.064810

Depth of Water: 0
 Elevation: 0

RF1 Mile Point: 0.000
 RF3 Mile Point: 2.36

Agency: 11NPSWRD
 FIPS State/County: 49055 UTAH/WAYNE
 STORET Station ID(s): GLCA_NURE_14 /5079433
 Within Park Boundary: No

Date Created: 01/30/99

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.80
 Distance from RF3: 0.11

On/Off RF1:
 On/Off RF3:

Description:
 THE STATION IS LOCATED ON THE ELATERITE BASIN UTAH 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT A SPRING AND IS INSIDE THE GLEN CANYON NATIONAL RECREATION AREA. EACH SAMPLE WAS FILTERED THROUGH A LESS THAN OR EQUAL TO 0.8 UM FILTER 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 STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "SRLID" 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 LISA DUMMER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: CANY0179

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/25/79-05/25/79	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/25/79-05/25/79	1	1600.	1600.	1600.	1600.	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	05/25/79-05/25/79	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	05/25/79-05/25/79	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/25/79-05/25/79	1	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	05/25/79-05/25/79	1	135.	135.	135.	135.	0.	0.	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	05/25/79-05/25/79	1	167.2	167.2	167.2	167.2	0.	0.	**	**	**	**
01085 VANADIUM, DISSOLVED (UG/L AS V)	05/25/79-05/25/79	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
22703 URANIUM, NATURAL, DISSOLVED	05/25/79-05/25/79	1	9.295	9.295	9.295	9.295	0.	0.	**	**	**	**
50760 CHLORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	05/25/79-05/25/79	1	183200.	183200.	183200.	183200.	0.	0.	**	**	**	**
50761 BROMINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	05/25/79-05/25/79	1	781.	781.	781.	781.	0.	0.	**	**	**	**
82041 HELIUM, DISSOLVED IN WATER (UG/L AS HE)	05/25/79-05/25/79	1	5300.	5300.	5300.	5300.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0179

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
							Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	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: CANY0180

NPS Station ID: CANY0180	LAT/LON: 38.219333/-109.510167	Agency: 21UTAH	Date Created: / /
Location: ROCK TANK (FIELD #1)		FIPS State/County: 49037 UTAH/SAN JUAN	
Station Type: /TYP/A/AMBNT/LAKE		STORET Station ID(s): 495659	
RMI-Indexes:		Within Park Boundary: No	
RMI-Miles:			
HUC: 14030005	Depth of Water: 0	Aquifer:	
Major Basin:	Elevation: 0	Water Body Id:	
Minor Basin:		ECO Region:	
RF1 Index:	RF1 Mile Point: 0.000	Distance from RF1: 0.20	On/Off RF1:
RF3 Index: 14030005052100.00	RF3 Mile Point: 6.68	Distance from RF3: 0.02	On/Off RF3:
Description:			

Parameter Inventory for Station: CANY0180

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01167 SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	09/21/87-09/21/87	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: CANY0180

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
01167 SELENIUM, ACID SOLUBLE, WATER, WHOLE	Fresh Acute	20.	1	0	0.00	1	0	0.00									
	Drinking Water	50.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: CANY0181

NPS Station ID: CANY0181

Location: JASPER CYN SPG(UPPER)2.75MI E/SE MAZE OVERLK JC2

Station Type: /TYPA/AMBNT/SPRING

RMI-Indexes:

RMI-Miles:

HUC: 14060008

Major Basin:

Minor Basin:

RF1 Index:

RF3 Index: 14060008012400.00

Description:

WATER QUALITY STATION IS LOCATED IN CANYONLANDS NP. THIS PARK IS

SAMPLES WERE COLLECTED BY CANYONLANDS NATIONAL PARK NATURAL RESOURCE

435-259-3911); ANALYZED BY THE UTAH DEPARTMENT OF HEALTH LABORATORY;

QUALITY - DIVISION OF WATER QUALITY.

LAT/LON: 38.219667/-109.958000

Depth of Water: 0

Elevation: 0

RF1 Mile Point: 0.000

RF3 Mile Point: 2.65

MANAGED BY THE NATIONAL PARK SERVICE'S SOUTHEAST UTAH GROUP. WATER

MANAGEMENT STAFF (125 W. 200 S.; MOAB UT 84532; TELEPHONE:

AND UPLOADED INTO STORET BY THE UTAH DEPARTMENT OF ENVIRONMENTAL

Agency: 21UTAH

FIPS State/County: 49055 UTAH/WAYNE

STORET Station ID(s): 599553

Within Park Boundary: Yes

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 16.10

Distance from RF3: 0.02

On/Off RF1:

On/Off RF3:

Date Created: / /

Parameter Inventory for Station: CANY0181

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: CANY0182

NPS Station ID: CANY0182	LAT/LON: 38.222167/-109.484667	Agency: 21UTAH	Date Created: / /
Location: LITTLE ROCK RES (FIELD #6) NR HATCH POINT		FIPS State/County: 49037 UTAH/SAN JUAN	
Station Type: /TYP/AMBNT/LAKE		STORET Station ID(s): 495667	
RMI-Indexes:		Within Park Boundary: No	
RMI-Miles:			
HUC: 14030005	Depth of Water: 0	Aquifer:	
Major Basin:	Elevation: 0	Water Body Id:	
Minor Basin:		ECO Region:	
RF1 Index:	RF1 Mile Point: 0.000	Distance from RF1: 0.00	On/Off RF1:
RF3 Index: 14030005013600.00	RF3 Mile Point: 0.00	Distance from RF3: 0.06	On/Off RF3:
Description:			

Parameter Inventory for Station: CANY0182

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01167 SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	09/21/87-09/21/87	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: CANY0182

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
01167 SELENIUM, ACID SOLUBLE, WATER, WHOLE	Fresh Acute	20.	1	0	0.00	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
	Drinking Water	50.	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: CANY0183

NPS Station ID: CANY0183
 Location: (D-30-17) 5CDC-S1
 Station Type: /TYPA/AMBNT/SPRING
 RMI-Indexes:
 RMI-Miles:
 HUC: 14060008
 Major Basin:
 Minor Basin:
 RF1 Index: 14060008
 RF3 Index: 14060008012808.14
 Description:

LAT/LON: 38.224448/-110.082781

Depth of Water: 0
 Elevation: 0

RF1 Mile Point: 0.000
 RF3 Mile Point: 10.19

Agency: 112WRD
 FIPS State/County: 49055 UTAH/WAYNE
 STORET Station ID(s): 381328110045801
 Within Park Boundary: No

Date Created: 01/21/84

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.02

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: CANY0183

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/12/83-04/12/83	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/12/83-04/12/83	1	12.	12.	12.	12.	0.	0.	**	**	**
00058	FLOW, RATE GALLONS/MIN	04/12/83-04/12/83	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/12/83-04/12/83	1	3250.	3250.	3250.	3250.	0.	0.	**	**	**
00400	PH (STANDARD UNITS)	04/12/83-04/12/83	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/12/83-04/12/83	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/12/83-04/12/83	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**
00403	PH, LAB, STANDARD UNITS SU	04/12/83-04/12/83	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	04/12/83-04/12/83	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/12/83-04/12/83	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/12/83-04/12/83	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	04/12/83-04/12/83	1	1300.	1300.	1300.	1300.	0.	0.	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	04/12/83-04/12/83	1	140.	140.	140.	140.	0.	0.	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS Mg)	04/12/83-04/12/83	1	230.	230.	230.	230.	0.	0.	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS Na)	04/12/83-04/12/83	1	440.	440.	440.	440.	0.	0.	**	**	**
00931	SODIUM ADSORPTION RATIO	04/12/83-04/12/83	1	5.3	5.3	5.3	5.3	0.	0.	**	**	**
00932	SODIUM, PERCENT	04/12/83-04/12/83	1	42.	42.	42.	42.	0.	0.	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/12/83-04/12/83	1	35.	35.	35.	35.	0.	0.	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	04/12/83-04/12/83	1	150.	150.	150.	150.	0.	0.	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	04/12/83-04/12/83	1	1700.	1700.	1700.	1700.	0.	0.	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/12/83-04/12/83	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SiO2)	04/12/83-04/12/83	1	9.2	9.2	9.2	9.2	0.	0.	**	**	**
01046	IRON, DISSOLVED (UG/L AS Fe)	04/12/83-04/12/83	1	30.	30.	30.	30.	0.	0.	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS Mn)	04/12/83-04/12/83	1	60.	60.	60.	60.	0.	0.	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/12/83-04/12/83	1	2840.	2840.	2840.	2840.	0.	0.	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0183

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
							Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	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				
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				

& - 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: CANY0183

Parameter	Std. Type	Std. Value	Total			7/15-10/14-----			10/15-3/31-----			4/01-5/31-----			6/01-7/14-----		
			Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00631	NITRITE PLUS NITRATE, DISS. I DET.	10.	1	0	0.00							1	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	860.	1	0	0.00							1	0	0.00			
	Fresh Acute	250.	1	0	0.00							1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	250.	1	1	1.00							1	1	1.00			
00950	FLUORIDE, DISSOLVED AS F	4.	1	0	0.00							1	0	0.00			
	Drinking Water																

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

Station Inventory for Station: CANY0184

NPS Station ID: CANY0184
 Location: (D-29-1/2-20)33AC
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:

LAT/LON: 38.224727/-109.730281

Agency: 11NPSWRD
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): CANY_ERI_IC9A
 Within Park Boundary: No

Date Created: 08/21/99

RMI-Miles:
 HUC: 14030005
 Major Basin: COLORADO RIVER
 Minor Basin: UPPER COLORADO RIVER
 RF1 Index: 14030005
 RF3 Index: 14070004002901.17

Depth of Water: 0
 Elevation: 0

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.80
 Distance from RF3: 0.11

On/Off RF1:
 On/Off RF3:

Description:
 The station is located on the North Six-shooter Peak Utah 7.5 minute series (topographic) quadrangle. The site is a rise that flows into Lockhart Canyon from a drainage on stream left looking downstream. The site is outside Canyonlands National Park. Flow was estimated as velocity X width X average depth. Source Type: Rise. Formation: Alluvium. Position: Stream channel. Substrate: Sand/boulder. The data are from the report "Water Resources Descriptions and Data Base Canyonlands National Park Needles District and Adjacent BLM Lands" prepared by Ecosystems Research Institute (October 1984). For information on Canyonlands National Park; contact the Chief of Resources at Canyonlands National Park; 2282 S. West Resource Blvd.; Moab UT 84532 (Tel. 801-259-7164). Data were processed and uploaded to STORET by Lisa Dummer; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: CANY0184

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/24/84-04/24/84	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00094 SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	04/24/84-04/24/84	1	205.	205.	205.	205.	0.	0.	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	04/24/84-04/24/84	1	8.8	8.8	8.8	8.8	0.	0.	**	**	**	**
00406 PH, FIELD, STANDARD UNITS SU	04/24/84-04/24/84	1	7.84	7.84	7.84	7.84	0.	0.	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS	04/24/84-04/24/84	1	7.84	7.84	7.84	7.84	0.	0.	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/24/84-04/24/84	1	0.014	0.014	0.014	0.014	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0184

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00	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: CANY0185

NPS Station ID: CANY0185
 Location: T(D-29-19)36BBC-S1
 Station Type: /TYPA/AMBNT/SPRING
 RMI-Indexes:
 RMI-Miles:
 HUC: 14030005
 Major Basin:
 Minor Basin:
 RF1 Index: 14030005
 RF3 Index: 14030005058600.00
 Description:

LAT/LON: 38.225281/-109.796949

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 0.94

Agency: 112WRD
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): 381331109474901
 Within Park Boundary: Yes

Date Created: 11/07/81

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 26.70
 Distance from RF3: 0.06

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: CANY0185

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/07/70-04/07/70	1	10.	10.	10.	10.	0.	0.	**	**	**
00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	04/07/70-04/07/70	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/07/70-04/07/70	1	1020.	1020.	1020.	1020.	0.	0.	**	**	**
00400	PH (STANDARD UNITS)	04/07/70-04/07/70	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/07/70-04/07/70	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/07/70-04/07/70	1	0.016	0.016	0.016	0.016	0.	0.	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	04/07/70-04/07/70	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	04/07/70-04/07/70	1	206.	206.	206.	206.	0.	0.	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	04/07/70-04/07/70	1	251.	251.	251.	251.	0.	0.	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	04/07/70-04/07/70	1	0.	0.	0.	0.	0.	0.	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	04/07/70-04/07/70	1	0.29	0.29	0.29	0.29	0.	0.	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	04/07/70-04/07/70	1	148.	148.	148.	148.	0.	0.	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	04/07/70-04/07/70	1	0.	0.	0.	0.	0.	0.	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	04/07/70-04/07/70	1	30.	30.	30.	30.	0.	0.	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS Mg)	04/07/70-04/07/70	1	18.	18.	18.	18.	0.	0.	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS Na)	04/07/70-04/07/70	1	162.	162.	162.	162.	0.	0.	**	**	**
00931	SODIUM ADSORPTION RATIO	04/07/70-04/07/70	1	5.8	5.8	5.8	5.8	0.	0.	**	**	**
00932	SODIUM, PERCENT	04/07/70-04/07/70	1	69.	69.	69.	69.	0.	0.	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/07/70-04/07/70	1	5.4	5.4	5.4	5.4	0.	0.	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/07/70-04/07/70	1	170.	170.	170.	170.	0.	0.	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	04/07/70-04/07/70	1	57.	57.	57.	57.	0.	0.	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/07/70-04/07/70	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SiO2)	04/07/70-04/07/70	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	04/07/70-04/07/70	1	50.	50.	50.	50.	0.	0.	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	04/07/70-04/07/70	1	50.	50.	50.	50.	0.	0.	**	**	**
01040	COPPER, DISSOLVED (UG/L AS Cu)	04/07/70-04/07/70	1	70.	70.	70.	70.	0.	0.	**	**	**
01046	IRON, DISSOLVED (UG/L AS Fe)	04/07/70-04/07/70	1	40.	40.	40.	40.	0.	0.	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS Se)	04/07/70-04/07/70	1	20.	20.	20.	20.	0.	0.	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/07/70-04/07/70	1	583.	583.	583.	583.	0.	0.	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/07/70-04/07/70	1	576.	576.	576.	576.	0.	0.	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	04/07/70-04/07/70	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0185

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	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			
00618 NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00							1	0	0.00			
	Fresh Acute	860.	1	0	0.00							1	0	0.00			
00940 CHLORIDE, TOTAL IN WATER	Drinking Water	250.	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			
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	1	1.00							1	1	1.00			
01040 COPPER, DISSOLVED	Fresh Acute	18.	1	1	1.00							1	1	1.00			
	Drinking Water	1300.	1	0	0.00							1	0	0.00			
01145 SELENIUM, DISSOLVED	Fresh Acute	20.	1	1	1.00							1	1	1.00			
	Drinking Water	50.	1	0	0.00							1	0	0.00			
71851 NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: CANY0186

NPS Station ID: CANY0186 LAT/LON: 38.225865/-110.001977

Location: CHOCOLATE DROPS SPG .5 MI S OF MAZE OVERLOOK

Station Type: /TYPA/AMBNT/SPRING

RMI-Indexes:

RMI-Miles:

HUC: 14060008

Major Basin: COLORADO RIVER

Minor Basin: UPPER COLORADO RIVER

RF1 Index: 14060008

RF3 Index: 14070004002901.17

Description:

THE STATION IS LOCATED ON THE ELATERITE BASIN UTAH 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. CHOCOLATE DROPS IS A WASH SPRING AND IS LOCATED INSIDE THE CANYONLANDS NATIONAL PARK BOUNDARY. THE SAMPLES WERE COLLECTED AND ANALYZED BY NATIONAL PARK SERVICE PERSONNEL. THE MONITORING BEGAN IN RESPONSE TO A PROPOSED SITING OF A NUCLEAR WASTE REPOSITORY NEAR THE PARK AS STATED BY B. LONG AND R. SMITH IN THE REPORT "WATER QUALITY DATA ANALYSIS AND INTERPRETATION FOR SPRING MONITORING SITES SOUTHEAST UTAH GROUP" (AUGUST 1996). THE INITIAL MONITORING OBJECTIVES WERE TO ESTABLISH A BASELINE DATABASE; DETECT POTENTIAL CHANGES; AND IDENTIFY AREAS OF CONCERN. THE UTAH DEPARTMENT OF ENVIRONMENTAL QUALITY ANALYZED THE SAMPLES IN A COOPERATIVE EFFORT WITH THE PARK SERVICE BEGINNING 10/25/1990. THESE DATA CAN BE FOUND UNDER THE STATION 599542. DATA WERE PROCESSED AND UPLOADED TO STORET BY LISA DUMMER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Agency: 11NPSWRD

FIPS State/County: 49055 UTAH/WAYNE

STORET Station ID(s): CANY_NPS_599542/SF4 /599542

Within Park Boundary: Yes

Date Created: 05/22/99

Depth of Water: 0

Elevation: 0

RF1 Mile Point: 0.000

RF3 Mile Point: 2.36

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 0.80

Distance from RF3: 0.11

On/Off RF1:

On/Off RF3:

Parameter Inventory for Station: CANY0186

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/04/85-05/11/90	9	18.9	18.856	22.2	16.6	3.68	1.918	16.6	17.15	20.45	22.2
00059 FLOW, RATE, INSTANTANEOUS GALLONS/MIN	04/23/87-04/23/87	1	0.58	0.58	0.58	0.58	0.	0.	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	04/23/87-04/23/87	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00090 OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	05/11/90-05/11/90	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00094 SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	06/04/85-05/11/90	9	652.	654.778	744.	588.	2645.444	51.434	588.	605.	692.	744.
00300 OXYGEN, DISSOLVED MG/L	06/04/85-05/11/90	8	5.65	6.2	9.4	3.9	4.709	2.17	**	**	**	**
00400 PH (STANDARD UNITS)	06/04/85-05/11/90	9	6.8	6.826	7.88	5.7	0.425	0.652	5.7	6.4	7.3	7.88
00400 CONVERTED PH (STANDARD UNITS)	06/04/85-05/11/90	9	6.8	6.423	7.88	5.7	0.608	0.78	5.7	6.4	7.3	7.88
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/04/85-05/11/90	9	0.158	0.378	1.995	0.013	0.388	0.623	0.013	0.063	0.398	1.995
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	06/04/85-10/06/89	8	284.5	284.125	359.	200.	2849.554	53.381	**	**	**	**
00480 SALINITY - PARTS PER THOUSAND	05/11/90-05/11/90	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	06/04/85-05/11/90	9 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
00655 PHOSPHATE, POLY (MG/L AS PO4)	06/04/85-05/11/90	9	0.9	1.628	9.	0.05	7.923	2.815	0.05	0.1	1.35	9.
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	06/04/85-05/11/90	9	325.	329.	376.	240.	1899.75	43.586	240.	304.	367.5	376.
00940 CHLORIDE, TOTAL IN WATER MG/L	04/23/87-05/11/90	7	61.	65.	91.	30.	460.333	21.455	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	06/04/85-05/11/90	9	65.	74.444	128.	42.	705.528	26.562	42.	54.	91.	128.
01042 COPPER, TOTAL (UG/L AS CU)	06/04/85-05/11/90	9 ##	50.	94.444	450.	50.	17777.778	133.333	50.	50.	50.	450.
01045 IRON, TOTAL (UG/L AS FE)	06/04/85-05/11/90	9 ##	50.	63.333	170.	50.	1600.	40.	50.	50.	50.	170.
01055 MANGANESE, TOTAL (UG/L AS MN)	06/04/85-05/11/90	9 ##	50.	124.444	350.	50.	11252.778	106.079	50.	50.	200.	350.

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

Parameter Inventory for Station: CANY0186

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501 COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/04/85-06/04/85	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
31501 LOG COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,	06/04/85-06/04/85	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
31501 GM COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.								

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

EPA Water Quality Criteria Analysis for Station: CANY0186

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	8	1	0.13	1	0	0.00	1	1	1.00	5	0	0.00	1	0	0.00
00400 PH	Fresh Chronic	9.	9	0	0.00	1	0	0.00	2	0	0.00	5	0	0.00	1	0	0.00
	Other-Lo Lim.	6.5	9	3	0.33	1	0	0.00	2	0	0.00	5	2	0.40	1	1	1.00
00620 NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	9	0	0.00	2	0	0.00	2	0	0.00	4	0	0.00	1	0	0.00
00940 CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	7	0	0.00	2	0	0.00	1	0	0.00	4	0	0.00			
	Drinking Water	250.	7	0	0.00	2	0	0.00	1	0	0.00	4	0	0.00			
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	250.	9	0	0.00	2	0	0.00	2	0	0.00	4	0	0.00	1	0	0.00
01042 COPPER, TOTAL	Fresh Acute	18.	1 &	1	1.00	1	1	1.00									
	Drinking Water	1300.	9	0	0.00	2	0	0.00	2	0	0.00	4	0	0.00	1	0	0.00
31501 COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: CANY0187

NPS Station ID: CANY0187 LAT/LON: 38.225833/-110.001833

Location: CHOCOLATE DROPS SPG .5 MI S OF MAZE OVERLOOK SF-

Station Type: /TYPA/AMBNT/SPRING

RMI-Indexes:

RMI-Miles:

HUC: 14060008

Major Basin:

Minor Basin:

RF1 Index:

RF3 Index: 14060008012808.14

Description:

WATER QUALITY STATION IS LOCATED IN CANYONLANDS NP. THIS PARK IS

SAMPLES WERE COLLECTED BY CANYONLANDS NATIONAL PARK NATURAL RESOURCE MANAGED BY THE NATIONAL PARK SERVICE'S SOUTHEAST UTAH GROUP. WATER

435-259-3911); ANALYZED BY THE UTAH DEPARTMENT OF HEALTH LABORATORY; AND ULOADED INTO STORET BY THE UTAH DEPARTMENT OF ENVIRONMENTAL

QUALITY - DIVISION OF WATER QUALITY. DATA COLLECTED AT THE SAME LOCATION PRIOR TO 10/25/1990 CAN BE FOUND AT STATION CANY_NPS_599542.

Agency: 21UTAH

FIPS State/County: 49055 UTAH/WAYNE

STORET Station ID(s): 599542

Within Park Boundary: Yes

Date Created: / /

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 0.00

Distance from RF3: 0.02

On/Off RF1:

On/Off RF3:

Parameter Inventory for Station: CANY0187

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/25/90-09/19/99	22	20.99	19.428	29.6	7.7	33.092	5.753	9.975	14.595	23.325	26.
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/25/91-09/19/99	17	19.5	20.694	37.5	11.	55.134	7.425	11.8	14.25	25.25	32.3
00058 FLOW, RATE GALLONS/MIN	05/25/97-09/19/99	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	05/09/93-09/14/95	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/25/90-09/19/99	22	1.32	18.735	285.	0.18	3649.827	60.414	0.28	0.541	7.525	37.87
00094 SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/25/90-09/19/99	22	573.	554.909	712.	246.	9859.896	99.297	441.3	501.	609.25	669.4
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/25/90-09/19/99	22	570.5	550.727	663.	258.	9854.874	99.272	401.6	524.75	619.75	651.4
00191 HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	10/25/90-09/19/99	22	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00300 OXYGEN, DISSOLVED MG/L	10/25/90-09/19/99	21	5.2	5.811	13.38	0.8	8.538	2.922	1.5	4.05	8.4	9.16
00400 PH (STANDARD UNITS)	10/25/90-09/19/99	22	8.1	8.053	8.32	7.45	0.043	0.207	7.8	7.908	8.195	8.307
00400 CONVERTED PH (STANDARD UNITS)	10/25/90-09/19/99	22	8.1	7.997	8.32	7.45	0.046	0.215	7.8	7.907	8.195	8.307
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/25/90-09/19/99	22	0.008	0.01	0.035	0.005	0.	0.007	0.005	0.006	0.012	0.016
00405 CARBON DIOXIDE (MG/L AS CO2)	10/25/90-09/19/99	22	3.5	4.318	15.	1.	9.084	3.014	2.	3.	4.25	8.4
00406 PH, FIELD, STANDARD UNITS SU	10/25/90-09/19/99	22	7.8	7.654	8.2	6.7	0.159	0.398	7.006	7.375	7.91	8.1
00406 CONVERTED PH, FIELD, STANDARD UNITS	10/25/90-09/19/99	22	7.8	7.446	8.2	6.7	0.204	0.451	7.006	7.375	7.91	8.1
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/25/90-09/19/99	22	0.016	0.036	0.2	0.006	0.002	0.045	0.008	0.012	0.042	0.099
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	10/25/90-09/19/99	22	239.	232.909	312.	92.	2604.658	51.036	158.5	211.	271.25	283.4
00440 BICARBONATE ION (MG/L AS HCO3)	10/25/90-09/19/99	22	292.	284.045	380.	113.	3867.95	62.193	192.1	257.75	330.5	345.4
00445 CARBONATE ION (MG/L AS CO3)	10/25/90-09/19/99	22	0.	0.045	1.	0.	0.045	0.213	0.	0.	0.	0.
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/25/90-09/19/99	22	6.	26.641	336.	0.	5112.911	71.505	0.	0.	19.1	67.79
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/25/90-05/23/99	21 ##	0.025	0.036	0.162	0.025	0.001	0.031	0.025	0.025	0.025	0.057
00613 NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/25/90-10/25/90	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00618 NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/25/90-10/25/90	1	0.52	0.52	0.52	0.52	0.	0.	**	**	**	**
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/25/90-05/25/97	13	0.198	0.252	0.824	0.05	0.058	0.241	0.05	0.075	0.325	0.758
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/25/91-09/19/99	3	0.062	0.158	0.4	0.011	0.045	0.211	**	**	**	**
00631 NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/12/91-05/23/99	19 ##	0.034	0.108	0.75	0.01	0.034	0.185	0.01	0.01	0.16	0.4
00665 PHOSPHORUS, TOTAL (MG/L AS P)	10/25/90-09/19/99	21 ##	0.01	0.023	0.125	0.005	0.001	0.034	0.005	0.005	0.013	0.088
00666 PHOSPHORUS, DISSOLVED (MG/L AS P)	10/25/90-05/23/99	18 ##	0.005	0.011	0.091	0.003	0.	0.02	0.005	0.005	0.01	0.018
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	10/25/90-09/19/99	22	258.9	253.964	321.7	124.1	2226.301	47.184	192.87	220.925	291.725	312.2

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

Parameter Inventory for Station: CANY0187

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/25/90-09/19/99	22	51.	49.85	71.4	29.3	127.735	11.302	31.03	43.425	56.925	66.51
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/25/90-09/19/99	22	34.	31.495	38.	12.4	41.623	6.452	21.48	28.825	35.5	37.82
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/25/90-09/19/99	22	17.9	16.747	23.7	6.04	15.777	3.972	11.09	14.65	19.025	20.7
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/25/90-09/19/99	22	5.535	5.785	8.41	4.6	0.915	0.957	4.739	5.	6.308	7.1
00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/25/90-09/19/99	22	12.75	11.782	16.	4.	7.583	2.754	7.4	10.025	13.25	14.5
00946	SULFATE, DISSOLVED (MG/L AS SO4)	10/25/90-09/19/99	22	55.865	54.331	99.9	29.77	289.352	17.01	31.41	41.57	67.121	71.292
01000	ARSENIC, DISSOLVED (UG/L AS AS)	09/30/93-09/19/99	12 ##	2.5	2.733	5.3	2.5	0.653	0.808	2.5	2.5	2.5	4.46
01005	BARIUM, DISSOLVED (UG/L AS BA)	09/30/93-09/19/99	12	210.	220.417	440.	95.	9865.72	99.326	99.5	130.	265.	410.
01025	CADMIUM, DISSOLVED (UG/L AS CD)	09/30/93-09/19/99	12 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/30/93-09/19/99	12 ##	2.5	4.217	10.	2.5	7.322	2.706	2.5	2.5	6.675	9.37
01040	COPPER, DISSOLVED (UG/L AS CU)	09/30/93-09/19/99	12 ##	6.	7.333	18.	6.	12.606	3.551	6.	6.	6.	15.6
01046	IRON, DISSOLVED (UG/L AS FE)	09/30/93-09/19/99	12 ##	17.	22.425	48.6	10.	231.34	15.21	10.	10.	37.425	47.79
01049	LEAD, DISSOLVED (UG/L AS PB)	09/30/93-09/19/99	12 ##	1.5	1.5	1.5	1.5	0.	0.	1.5	1.5	1.5	1.5
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/30/93-09/19/99	12	48.5	67.583	230.	5.	4450.447	66.712	8.	17.75	90.25	209.
01075	SILVER, DISSOLVED (UG/L AS AG)	09/30/93-09/19/99	12 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
01090	ZINC, DISSOLVED (UG/L AS ZN)	09/30/93-09/19/99	12 ##	15.	15.	15.	15.	0.	0.	15.	15.	15.	15.
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/20/96-09/19/99	11	48.	123.818	840.	15.	58228.164	241.305	15.	15.	97.	702.
01145	SELENIUM, DISSOLVED (UG/L AS SE)	09/30/93-09/19/99	12 ##	0.8	1.05	2.8	0.5	0.535	0.732	0.5	0.5	1.275	2.56
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	10/25/90-05/09/93	5 ##	2.5	1.8	2.5	0.5	0.95	0.975	**	**	**	**
61027	ANIONS, SUM, TOTAL IN WATER MG/L	09/25/91-09/19/99	20	218.5	204.4	259.	91.	1945.516	44.108	136.6	181.5	233.25	244.8
61944	CATIONS, SUM, TOTAL IN WATER, MG/L	09/25/91-09/19/99	20	105.5	103.55	138.	54.	393.103	19.827	79.1	90.25	118.5	127.7
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/25/90-09/19/99	22	342.	327.182	440.	192.	3739.299	61.15	219.6	304.5	362.5	388.2
71890	MERCURY, DISSOLVED (UG/L AS HG)	09/30/93-09/19/99	12 ##	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
80110	SPECIFIC GRAVITY WATER-UNITY AT 4C	10/25/90-10/25/90	1	0.193	0.193	0.193	0.193	0.	0.	**	**	**	**
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/25/90-05/09/93	5 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	10/25/90-05/09/93	5	0.11	0.121	0.18	0.076	0.002	0.043	**	**	**	**
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/25/90-05/09/93	5 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/25/90-05/09/93	5 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/25/90-05/09/93	5 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	10/25/90-05/09/93	5 ##	0.015	0.055	0.22	0.01	0.009	0.092	**	**	**	**
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/25/90-05/09/93	5 ##	2.5	2.3	2.5	1.5	0.2	0.447	**	**	**	**
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/25/90-05/09/93	5	10.	25.06	80.	5.	1000.168	31.625	**	**	**	**
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/25/90-05/09/93	5 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/25/90-05/09/93	5 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/25/90-05/09/93	5 ##	10.	11.	15.	10.	5.	2.236	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0187

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
							Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	22	1	0.05	8	1	0.13	5	0	0.00	7	0	0.00	2	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	21	5	0.24	7	3	0.43	5	0	0.00	7	1	0.14	2	1	0.50
00400	PH	Fresh Chronic	9.	22	0	0.00	8	0	0.00	5	0	0.00	7	0	0.00	2	0	0.00
00406	PH, FIELD	Other-Lo Lim.	6.5	22	0	0.00	8	0	0.00	5	0	0.00	7	0	0.00	2	0	0.00
		Fresh Chronic	9.	22	0	0.00	8	0	0.00	5	0	0.00	7	0	0.00	2	0	0.00
		Other-Lo Lim.	6.5	22	0	0.00	8	0	0.00	5	0	0.00	7	0	0.00	2	0	0.00
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1	0	0.00				1	0	0.00						
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00				1	0	0.00						
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	3	0	0.00	2	0	0.00				1	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	19	0	0.00	7	0	0.00	4	0	0.00	6	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	22	0	0.00	8	0	0.00	5	0	0.00	7	0	0.00	2	0	0.00
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	22	0	0.00	8	0	0.00	5	0	0.00	7	0	0.00	2	0	0.00
		Drinking Water	250.	22	0	0.00	8	0	0.00	5	0	0.00	7	0	0.00	2	0	0.00
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	12	0	0.00	5	0	0.00	4	0	0.00	2	0	0.00	1	0	0.00
01005	BARIUM, DISSOLVED	Drinking Water	50.	12	0	0.00	5	0	0.00	4	0	0.00	2	0	0.00	1	0	0.00
		Drinking Water	2000.	12	0	0.00	5	0	0.00	4	0	0.00	2	0	0.00	1	0	0.00
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	12	0	0.00	5	0	0.00	4	0	0.00	2	0	0.00	1	0	0.00
		Drinking Water	5.	12	0	0.00	5	0	0.00	4	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

EPA Water Quality Criteria Analysis for Station: CANY0187

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
01030 CHROMIUM, DISSOLVED	Drinking Water	100.	12	0	0.00	5	0	0.00	4	0	0.00	2	0	0.00	1	0	0.00
01040 COPPER, DISSOLVED	Fresh Acute	18.	12	1	0.08	5	1	0.20	4	0	0.00	2	0	0.00	1	0	0.00
	Drinking Water	1300.	12	0	0.00	5	0	0.00	4	0	0.00	2	0	0.00	1	0	0.00
01049 LEAD, DISSOLVED	Fresh Acute	82.	12	0	0.00	5	0	0.00	4	0	0.00	2	0	0.00	1	0	0.00
	Drinking Water	15.	12	0	0.00	5	0	0.00	4	0	0.00	2	0	0.00	1	0	0.00
01075 SILVER, DISSOLVED	Fresh Acute	4.1	12	0	0.00	5	0	0.00	4	0	0.00	2	0	0.00	1	0	0.00
	Drinking Water	100.	12	0	0.00	5	0	0.00	4	0	0.00	2	0	0.00	1	0	0.00
01090 ZINC, DISSOLVED	Fresh Acute	120.	12	0	0.00	5	0	0.00	4	0	0.00	2	0	0.00	1	0	0.00
	Drinking Water	5000.	12	0	0.00	5	0	0.00	4	0	0.00	2	0	0.00	1	0	0.00
01145 SELENIUM, DISSOLVED	Fresh Acute	20.	12	0	0.00	5	0	0.00	4	0	0.00	2	0	0.00	1	0	0.00
	Drinking Water	50.	12	0	0.00	5	0	0.00	4	0	0.00	2	0	0.00	1	0	0.00
01167 SELENIUM, ACID SOLUBLE, WATER, WHOLE	Fresh Acute	20.	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00	1	0	0.00
	Drinking Water	50.	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			
71890 MERCURY, DISSOLVED	Fresh Acute	2.4	12	0	0.00	5	0	0.00	4	0	0.00	2	0	0.00	1	0	0.00
	Drinking Water	2.	12	0	0.00	5	0	0.00	4	0	0.00	2	0	0.00	1	0	0.00
82702 ARSENIC, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	360.	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			
	Drinking Water	50.	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			
82703 BARIUM, FIELD ACIDIFIED, DECANTED, WATER	Drinking Water	2.	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			
82705 CADMIUM, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	3.9	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			
	Drinking Water	5.	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			
82706 CHROMIUM, FIELD ACIDIFIED, DECANTED, WAT	Drinking Water	100.	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			
82708 COPPER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	18.	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			
	Drinking Water	1300.	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			
82711 LEAD, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	82.	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			
	Drinking Water	15.	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			
82713 MERCURY, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	2.4	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			
	Drinking Water	2.	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			
82716 SILVER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	4.1	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			
	Drinking Water	100.	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			
82719 ZINC, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	120.	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			
	Drinking Water	5000.	5	0	0.00	1	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: CANY0188

NPS Station ID: CANY0188
 Location: (D-30-17) 4CCB-S1
 Station Type: /TYPA/AMBNT/SPRING
 RMI-Indexes:
 RMI-Miles:
 HUC: 14060008
 Major Basin:
 Minor Basin:
 RF1 Index: 14060008
 RF3 Index: 14060008013000.00
 Description:

LAT/LON: 38.226392/-110.067782

Depth of Water: 0
 Elevation: 0

RF1 Mile Point: 0.000
 RF3 Mile Point: 0.82

Agency: 112WRD
 FIPS State/County: 49055 UTAH/WAYNE
 STORET Station ID(s): 381335110040401
 Within Park Boundary: No

Date Created: 01/21/84

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.01

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: CANY0188

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/12/83-04/12/83	1	12.	12.	12.	12.	0.	0.	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/12/83-04/12/83	1	9.	9.	9.	9.	0.	0.	**	**	**
00058	FLOW, RATE GALLONS/MIN	04/12/83-04/12/83	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/12/83-04/12/83	1	2880.	2880.	2880.	2880.	0.	0.	**	**	**
00400	PH (STANDARD UNITS)	04/12/83-04/12/83	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/12/83-04/12/83	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/12/83-04/12/83	1	0.016	0.016	0.016	0.016	0.	0.	**	**	**
00403	PH, LAB, STANDARD UNITS SU	04/12/83-04/12/83	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	04/12/83-04/12/83	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/12/83-04/12/83	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/12/83-04/12/83	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	04/12/83-04/12/83	1	1700.	1700.	1700.	1700.	0.	0.	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	04/12/83-04/12/83	1	350.	350.	350.	350.	0.	0.	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS Mg)	04/12/83-04/12/83	1	190.	190.	190.	190.	0.	0.	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS Na)	04/12/83-04/12/83	1	150.	150.	150.	150.	0.	0.	**	**	**
00931	SODIUM ADSORPTION RATIO	04/12/83-04/12/83	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**
00932	SODIUM, PERCENT	04/12/83-04/12/83	1	16.	16.	16.	16.	0.	0.	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/12/83-04/12/83	1	21.	21.	21.	21.	0.	0.	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	04/12/83-04/12/83	1	84.	84.	84.	84.	0.	0.	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	04/12/83-04/12/83	1	1600.	1600.	1600.	1600.	0.	0.	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/12/83-04/12/83	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SiO2)	04/12/83-04/12/83	1	9.9	9.9	9.9	9.9	0.	0.	**	**	**
01046	IRON, DISSOLVED (UG/L AS Fe)	04/12/83-04/12/83	1	40.	40.	40.	40.	0.	0.	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS Mn)	04/12/83-04/12/83	1	60.	60.	60.	60.	0.	0.	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/12/83-04/12/83	1	2510.	2510.	2510.	2510.	0.	0.	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0188

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	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			
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			

& - 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: CANY0188

Parameter	Std. Type	Std. Value				-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
			Total	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00631	NITRITE PLUS NITRATE, DISS. I DET.	10.	1	0	0.00							1	0	0.00			
00940	CHLORIDE, TOTAL IN WATER	860.	1	0	0.00							1	0	0.00			
	Fresh Acute	250.	1	0	0.00							1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	250.	1	1	1.00							1	1	1.00			
00950	FLUORIDE, DISSOLVED AS F	4.	1	0	0.00							1	0	0.00			
	Drinking Water																

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

Station Inventory for Station: CANY0189

NPS Station ID: CANY0189 Location: HARTS DRAW SPRING Station Type: /TYP/AMBNT/SPRING RMI-Indexes: RMI-Miles: HUC: 14030005 Major Basin: COLORADO RIVER Minor Basin: UPPER COLORADO RIVER RF1 Index: 14030005 RF3 Index: 14070004002901.17 Description: THE STATION IS LOCATED ON THE HARTS POINT NORTH UTAH 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT HARTS DRAW SPRING OUTSIDE THE CANYONLANDS NATIONAL PARK. THE DATA ARE FROM THE REPORT "GROUND WATER RESOURCES IN THE PART OF CANYONLANDS NATIONAL PARK EAST OF THE COLORADO RIVER AND CONTIGUOUS BUREAU OF LAND MANAGEMENT LANDS; UTAH" BY H.R. RICHTER, JR. (APRIL 1980). THE PURPOSE OF THE REPORT IS "TO (1) DESCRIBE THE OCCURRENCE AND CIRCULATION OF GROUND WATER AND (2) IDENTIFY POTENTIALLY DEVELOPABLE GROUND WATER SUPPLIES." FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT CANYONLANDS NATIONAL PARK; 2282 S. WEST RESOURCE BLVD.; MOAB UT 84532 (TEL. 801-259-7164). DATA WERE PROCESSED AND UPLOADED TO STORET BY LISA DUMMER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).	LAT/LON: 38.227559/-109.548116 Depth of Water: 0 Elevation: 0 RF1 Mile Point: 0.000 RF3 Mile Point: 2.36	Agency: 11NPSWRD FIPS State/County: 49037 UTAH/SAN JUAN STORET Station ID(s): CANY_NPS_17 Within Park Boundary: No Aquifer: Water Body Id: ECO Region: Distance from RF1: 0.80 Distance from RF3: 0.11

Date Created: 08/02/99

On/Off RF1:
On/Off RF3:

Parameter Inventory for Station: CANY0189

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/78-06/22/78	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00058 FLOW, RATE GALLONS/MIN	06/22/78-06/22/78	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/22/78-06/22/78	1	356.	356.	356.	356.	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	06/22/78-06/22/78	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	06/22/78-06/22/78	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/22/78-06/22/78	1	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00440 BICARBONATE ION (MG/L AS HCO3)	06/22/78-06/22/78	1	170.	170.	170.	170.	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	06/22/78-06/22/78	1	160.	160.	160.	160.	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	06/22/78-06/22/78	1	30.	30.	30.	30.	0.	0.	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	06/22/78-06/22/78	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	06/22/78-06/22/78	1	3.8	3.8	3.8	3.8	0.	0.	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	06/22/78-06/22/78	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	06/22/78-06/22/78	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00946 SULFATE, DISSOLVED (MG/L AS SO4)	06/22/78-06/22/78	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	06/22/78-06/22/78	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SiO2)	06/22/78-06/22/78	1	13.	13.	13.	13.	0.	0.	**	**	**	**
70300 RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	06/22/78-06/22/78	1	198.	198.	198.	198.	0.	0.	**	**	**	**
71851 NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/22/78-06/22/78	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: CANY0189

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
							Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	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
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
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: CANY0190

NPS Station ID: CANY0190	LAT/LON: 38.228115/-109.727809	Agency: 11NPSWRD	Date Created: 01/30/99
Location: C17130		FIPS State/County: 49037 UTAH/SAN JUAN	
Station Type: /TYPA/AMBNT/STREAM		STORET Station ID(s): CANY_NURE_14 /1041157	
RMI-Indexes:		Within Park Boundary: No	
RMI-Miles:			
HUC: 14030005	Depth of Water: 0	Aquifer:	
Major Basin: COLORADO RIVER	Elevation: 0	Water Body Id:	
Minor Basin: UPPER COLORADO RIVER		ECO Region:	
RF1 Index: 14030005	RF1 Mile Point: 0.000	Distance from RF1: 0.80	On/Off RF1:
RF3 Index: 14070004002901.17	RF3 Mile Point: 2.36	Distance from RF3: 0.11	On/Off RF3:

Description:
THE STATION IS LOCATED ON THE NORTH SIX-SHOOTER PEAK UTAH 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT A STREAM AND IS OUTSIDE OF THE CANYONLANDS NATIONAL PARK. EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO ONE WITH REAGENT-GRADE NITRIC ACID. 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 STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "LASLID" ENTRY (LOS ALAMOS SCIENTIFIC LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY LISA DUMMER; NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: CANY0190

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/19/78-06/19/78	1	900.	900.	900.	900.	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	06/19/78-06/19/78	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	06/19/78-06/19/78	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/19/78-06/19/78	1	0.158	0.158	0.158	0.158	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS CA)	06/19/78-06/19/78	1	36.1	36.1	36.1	36.1	0.	0.	**	**	**	**
01030 CHROMIUM, DISSOLVED (UG/L AS CR)	06/19/78-06/19/78	1	29.	29.	29.	29.	0.	0.	**	**	**	**
01035 COBALT, DISSOLVED (UG/L AS CO)	06/19/78-06/19/78	1	284.	284.	284.	284.	0.	0.	**	**	**	**
01040 COPPER, DISSOLVED (UG/L AS CU)	06/19/78-06/19/78	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01046 IRON, DISSOLVED (UG/L AS FE)	06/19/78-06/19/78	1	67.	67.	67.	67.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0190

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
							Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	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
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

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

Station Inventory for Station: CANY0191

NPS Station ID: CANY0191 LAT/LON: 38.228333/-109.985167

Location: HARVEST SCENE SPG 1MI NE OF CHOCOLATE DROPS SF-2

Station Type: /TYPA/AMBNT/SPRING

RMI-Indexes:

RMI-Miles:

HUC: 14060008

Major Basin:

Minor Basin:

RF1 Index:

RF3 Index: 14060008015000.00

Description:

WATER QUALITY STATION IS LOCATED IN CANYONLANDS NP. THIS PARK IS

SAMPLES WERE COLLECTED BY CANYONLANDS NATIONAL PARK NATURAL RESOURCE

435-259-3911); ANALYZED BY THE UTAH DEPARTMENT OF HEALTH LABORATORY;

QUALITY - DIVISION OF WATER QUALITY. DATA COLLECTED AT THE SAME

Depth of Water: 0

Elevation: 0

RF1 Mile Point: 0.000

RF3 Mile Point: 7.83

Agency: 21UTAH

FIPS State/County: 49055 UTAH/WAYNE

STORET Station ID(s): 599548

Within Park Boundary: Yes

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 8.80

Distance from RF3: 0.00

Date Created: / /

On/Off RF1:

On/Off RF3:

Parameter Inventory for Station: CANY0191

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/25/90-05/04/92	4	17.65	18.375	22.7	15.5	9.542	3.089	**	**	**	**
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/25/91-05/04/92	2	27.25	27.25	27.5	27.	0.125	0.354	**	**	**	**
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/25/90-05/04/92	4	14.5	13.6	24.	1.4	87.707	9.365	**	**	**	**
00094 SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/25/90-05/04/92	4	859.	832.75	1053.	560.	56426.917	237.544	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/25/90-05/04/92	4	877.	847.25	1090.	545.	62300.25	249.6	**	**	**	**
00191 HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	10/25/90-05/04/92	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	10/25/90-05/04/92	4	7.05	7.05	10.5	3.6	7.95	2.82	**	**	**	**
00400 PH (STANDARD UNITS)	10/25/90-05/04/92	4	7.9	7.875	8.	7.7	0.022	0.15	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	10/25/90-05/04/92	4	7.889	7.855	8.	7.7	0.023	0.152	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/25/90-05/04/92	4	0.013	0.014	0.02	0.01	0.	0.005	**	**	**	**
00405 CARBON DIOXIDE (MG/L AS CO2)	10/25/90-05/04/92	4	8.	8.	10.	6.	3.333	1.826	**	**	**	**
00406 PH, FIELD, STANDARD UNITS SU	10/25/90-05/04/92	4	7.	6.55	7.6	4.6	1.777	1.333	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS	10/25/90-05/04/92	4	6.989	5.198	7.6	4.6	4.214	2.053	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/25/90-05/04/92	4	0.103	6.337	25.119	0.025	156.778	12.521	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	10/25/90-05/04/92	4	351.5	343.	468.	201.	13746.	117.243	**	**	**	**
00440 BICARBONATE ION (MG/L AS HCO3)	10/25/90-05/04/92	4	428.5	418.25	571.	245.	20456.917	143.028	**	**	**	**
00445 CARBONATE ION (MG/L AS CO3)	10/25/90-05/04/92	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/25/90-05/04/92	4	24.5	32.25	80.	0.	1160.25	34.062	**	**	**	**
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/25/90-05/04/92	4 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00613 NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/25/90-10/25/90	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00618 NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/25/90-10/25/90	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/25/90-05/04/92	4	0.15	0.238	0.6	0.05	0.062	0.25	**	**	**	**
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/25/91-09/25/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00631 NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/13/91-05/04/92	3	0.04	0.054	0.091	0.032	0.001	0.032	**	**	**	**
00665 PHOSPHORUS, TOTAL (MG/L AS P)	10/25/90-05/04/92	4 ##	0.015	0.016	0.03	0.005	0.	0.013	**	**	**	**
00666 PHOSPHORUS, DISSOLVED (MG/L AS P)	10/25/90-05/04/92	4 ##	0.005	0.006	0.007	0.005	0.	0.001	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	10/25/90-05/04/92	4	397.95	382.525	481.8	252.4	10520.183	102.568	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	10/25/90-05/04/92	4	58.	58.5	70.	48.	87.	9.327	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	10/25/90-05/04/92	4	57.	57.5	88.	28.	731.	27.037	**	**	**	**

** - 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 time series plot

Parameter Inventory for Station: CANY0191

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/25/90-05/04/92	4	37.5	36.	51.	18.	212.667	14.583	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/25/90-05/04/92	4	4.5	4.3	5.2	3.	0.867	0.931	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/25/90-05/04/92	4	42.4	43.1	64.9	22.7	401.627	20.041	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	10/25/90-05/04/92	4	77.977	77.739	100.	55.	340.304	18.447	**	**	**
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	10/25/90-05/04/92	4 ##	2.5	2.	2.5	0.5	1.	1.	**	**	**
61027	ANIONS, SUM, TOTAL IN WATER MG/L	09/25/91-05/04/92	2	366.	366.	446.	286.	12800.	113.137	**	**	**
61944	CATIONS, SUM, TOTAL IN WATER, MG/L	09/25/91-05/04/92	2	170.	170.	191.	149.	882.	29.698	**	**	**
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	10/25/90-05/04/92	4	520.	508.5	686.	308.	27446.333	165.669	**	**	**
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/25/90-05/04/92	4 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	10/25/90-05/04/92	4	0.2	0.205	0.26	0.16	0.002	0.042	**	**	**
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/25/90-05/04/92	4 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/25/90-05/04/92	4 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/25/90-05/04/92	4 ##	10.	10.	10.	10.	0.	0.	**	**	**
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	10/25/90-05/04/92	4	0.2	1.095	3.9	0.08	3.503	1.871	**	**	**
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/25/90-05/04/92	4 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/25/90-05/04/92	4	130.	149.5	320.	18.	15707.667	125.33	**	**	**
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/25/90-05/04/92	4 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/25/90-05/04/92	4 ##	1.	1.	1.	1.	0.	0.	**	**	**
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/25/90-05/04/92	4 ##	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: CANY0191

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	1	0.25	1	0	0.00	1	1	1.00	2	0	0.00		
00400	PH	Fresh Chronic	9.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
		Other-Lo Lim.	6.5	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
00406	PH, FIELD	Fresh Chronic	9.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
		Other-Lo Lim.	6.5	4	1	0.25	1	0	0.00	1	0	0.00	2	1	0.50		
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1	0	0.00				1	0	0.00					
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00				1	0	0.00					
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00								
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	3	0	0.00	1	0	0.00			2	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
		Drinking Water	250.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE	Fresh Acute	20.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
		Drinking Water	50.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	360.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
		Drinking Water	50.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER	Drinking Water	2.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	3.9	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
		Drinking Water	5.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WAT	Drinking Water	100.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	18.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
		Drinking Water	1300.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	82.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
		Drinking Water	15.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	2.4	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
		Drinking Water	2.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	4.1	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
		Drinking Water	100.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	120.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
		Drinking Water	5000.	4	0	0.00	1	0	0.00	1	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: CANY0192

NPS Station ID: CANY0192 LAT/LON: 38.228337/-109.985282

Location: HARVEST SCENE SPG 1 MI NE OF CHOCOLATE DROPS

Station Type: /TYPA/AMBNT/SPRING

RMI-Indexes:

RMI-Miles:

HUC: 14060008

Major Basin: COLORADO RIVER

Minor Basin: UPPER COLORADO RIVER

RF1 Index: 14060008

RF3 Index: 14070004002901.17

Description:

THE STATION IS LOCATED ON THE SPANISH BOTTOM UTAH 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. HARVEST SCENE IS A WASH SPRING AND IS LOCATED INSIDE THE CANYONLANDS NATIONAL PARK BOUNDARY. THE SAMPLES WERE COLLECTED AND ANALYZED BY NATIONAL PARK SERVICE PERSONNEL. THE MONITORING BEGAN IN RESPONSE TO A PROPOSED SITING OF A NUCLEAR WASTE REPOSITORY NEAR THE PARK AS STATED BY B. LONG AND R. SMITH IN THE REPORT "WATER QUALITY DATA ANALYSIS AND INTERPRETATION FOR SPRING MONITORING SITES SOUTHEAST UTAH GROUP" (AUGUST 1996). THE INITIAL MONITORING OBJECTIVES WERE TO ESTABLISH A BASELINE DATABASE; DETECT POTENTIAL CHANGES; AND IDENTIFY AREAS OF CONCERN. THE UTAH DEPARTMENT OF ENVIRONMENTAL QUALITY ANALYZED THE SAMPLES IN A COOPERATIVE EFFORT WITH THE PARK SERVICE BEGINNING 10/25/1990. THESE DATA CAN BE FOUND UNDER THE STATION 599548. DATA WERE PROCESSED AND UPLOADED TO STORET BY LISA DUMMER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Agency: 11NPSWRD

FIPS State/County: 49055 UTAH/WAYNE

STORET Station ID(s): CANY_NPS_599548/SF2 /599548

Within Park Boundary: Yes

Date Created: 05/22/99

Depth of Water: 0

Elevation: 0

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 0.80

Distance from RF3: 0.11

On/Off RF1:

On/Off RF3:

Parameter Inventory for Station: CANY0192

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/01/84-05/08/90	12	16.65	18.583	30.	11.4	32.331	5.686	12.12	14.3	23.	29.13
00059 FLOW, RATE, INSTANTANEOUS GALLONS/MIN	09/28/86-09/28/86	1	22.5	22.5	22.5	22.5	0.	0.	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	09/28/86-09/28/86	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00090 OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	05/08/90-05/08/90	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00094 SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	10/01/84-05/08/90	11	751.	657.182	881.	101.	77645.764	278.65	101.4	727.	811.	872.2
00300 OXYGEN, DISSOLVED MG/L	10/01/84-05/08/90	10	5.	4.93	7.9	1.1	3.969	1.992	1.29	3.75	6.225	7.83
00400 PH (STANDARD UNITS)	10/01/84-05/08/90	11	7.2	6.944	7.3	6.3	0.167	0.409	6.3	6.5	7.3	7.3
00400 CONVERTED PH (STANDARD UNITS)	10/01/84-05/08/90	11	7.2	6.755	7.3	6.3	0.206	0.454	6.3	6.5	7.3	7.3
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/01/84-05/08/90	11	0.063	0.176	0.501	0.05	0.032	0.18	0.05	0.05	0.316	0.501
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	06/05/85-10/07/89	9	340.	328.778	410.	274.	2335.944	48.332	274.	277.	366.5	410.
00480 SALINITY - PARTS PER THOUSAND	05/08/90-05/08/90	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	10/01/84-05/08/90	11 ##	0.05	0.091	0.5	0.05	0.018	0.136	0.05	0.05	0.05	0.41
00655 PHOSPHATE, POLY (MG/L AS PO4)	10/01/84-05/08/90	11	0.8	2.568	11.5	0.05	14.343	3.787	0.07	0.3	3.9	10.8
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	10/01/84-05/08/90	10	409.	409.9	445.	360.	572.767	23.933	363.3	398.25	428.	443.3
00940 CHLORIDE, TOTAL IN WATER MG/L	09/28/86-05/08/90	8	76.	87.188	212.	0.5	4056.281	63.689	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	10/01/84-05/08/90	11	58.	81.	192.	46.	2445.6	49.453	46.	53.	96.	185.6
01042 COPPER, TOTAL (UG/L AS CU)	10/01/84-05/08/90	11 ##	50.	90.	400.	50.	11300.	106.301	50.	50.	50.	348.
01045 IRON, TOTAL (UG/L AS FE)	10/01/84-05/08/90	11 ##	50.	113.636	350.	50.	11085.455	105.287	50.	50.	160.	334.
01055 MANGANESE, TOTAL (UG/L AS MN)	10/01/84-05/08/90	10 ##	125.	183.	600.	50.	31223.333	176.701	50.	50.	257.5	568.

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

Parameter Inventory for Station: CANY0192

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501 COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/28/86-05/04/89	3 ##	0.	33.333	100.	0.	3333.333	57.735	**	**	**	**
31501 LOG COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,	09/28/86-05/04/89	3 ##	0.	0.667	2.	0.	1.333	1.155	**	**	**	**
31501 GM COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4.642								
31616 FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/05/88-05/04/89	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
31616 LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/05/88-05/04/89	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
31616 GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.								

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

EPA Water Quality Criteria Analysis for Station: CANY0192

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	10	3	0.30	3	2	0.67	1	0	0.00	5	1	0.20	1	0	0.00
00400 PH	Fresh Chronic	9.	11	0	0.00	3	0	0.00	2	0	0.00	5	0	0.00	1	0	0.00
	Other-Lo Lim.	6.5	11	3	0.27	3	1	0.33	2	0	0.00	5	2	0.40	1	0	0.00
00620 NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	11	0	0.00	4	0	0.00	2	0	0.00	4	0	0.00	1	0	0.00
00940 CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	8	0	0.00	3	0	0.00	1	0	0.00	4	0	0.00			
	Drinking Water	250.	8	0	0.00	3	0	0.00	1	0	0.00	4	0	0.00			
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	250.	11	0	0.00	4	0	0.00	2	0	0.00	4	0	0.00	1	0	0.00
01042 COPPER, TOTAL	Fresh Acute	18.	2 &	2	1.00				1	1	1.00	1	1	1.00			
	Drinking Water	1300.	11	0	0.00	4	0	0.00	2	0	0.00	4	0	0.00	1	0	0.00
31501 COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	3	0	0.00	2	0	0.00				1	0	0.00			
31616 FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	2	0	0.00	1	0	0.00				1	0	0.00			

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

Station Inventory for Station: CANY0193

NPS Station ID: CANY0193 LAT/LON: 38.228892/-109.997782

Location: MAZE OVERLOOK SPG .25 MI SE OF MAZE OVERLOOK

Station Type: /TYPA/AMBNT/SPRING

RMI-Indexes:

RMI-Miles:

HUC: 14060008

Major Basin: COLORADO RIVER

Minor Basin: UPPER COLORADO RIVER

RF1 Index: 14060008

RF3 Index: 14070004002901.17

Depth of Water: 0

Elevation: 0

RF1 Mile Point: 0.000

RF3 Mile Point: 2.36

Agency: 11NPSWRD

FIPS State/County: 49055 UTAH/WAYNE

STORET Station ID(s): CANY_NPS_599550/SF3 /599550

Within Park Boundary: Yes

Date Created: 05/22/99

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 0.80

Distance from RF3: 0.11

On/Off RF1:

On/Off RF3:

Description:

THE STATION IS LOCATED ON THE SPANISH BOTTOM UTAH 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. MAZE OVERLOOK IS A WASH SPRING AND IS LOCATED INSIDE THE CANYONLANDS NATIONAL PARK BOUNDARY. THE SAMPLES WERE COLLECTED AND ANALYZED BY NATIONAL PARK SERVICE PERSONNEL. THE MONITORING BEGAN IN RESPONSE TO A PROPOSED SITING OF A NUCLEAR WASTE REPOSITORY NEAR THE PARK AS STATED BY B. LONG AND R. SMITH IN THE REPORT "WATER QUALITY DATA ANALYSIS AND INTERPRETATION FOR SPRING MONITORING SITES SOUTHEAST UTAH GROUP" (AUGUST 1996). THE INITIAL MONITORING OBJECTIVES WERE TO ESTABLISH A BASELINE DATABASE; DETECT POTENTIAL CHANGES; AND IDENTIFY AREAS OF CONCERN. THE UTAH DEPARTMENT OF ENVIRONMENTAL QUALITY ANALYZED THE SAMPLES IN A COOPERATIVE EFFORT WITH THE PARK SERVICE BEGINNING 10/25/1990. THESE DATA CAN BE FOUND UNDER THE STATION 599550. DATA WERE PROCESSED AND UPLOADED TO STORET BY LISA DUMMER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: CANY0193

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/02/84-05/11/90	11	16.6	17.927	25.2	13.2	14.446	3.801	13.4	15.8	21.2	24.86
00090 OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	05/11/90-05/11/90	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00094 SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	10/02/84-05/11/90	11	574.	593.818	775.	543.	4313.964	65.681	543.2	554.	607.	746.
00300 OXYGEN, DISSOLVED MG/L	10/02/84-05/11/90	10	8.2	8.39	11.4	6.8	1.499	1.224	6.86	7.7	8.675	11.15
00400 PH (STANDARD UNITS)	10/02/84-05/11/90	11	7.6	7.377	8.5	5.4	0.797	0.893	5.55	7.05	8.	8.41
00400 CONVERTED PH (STANDARD UNITS)	10/02/84-05/11/90	11	7.6	6.348	8.5	5.4	1.962	1.401	5.55	7.05	8.	8.41
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/02/84-05/11/90	11	0.025	0.448	3.981	0.003	1.415	1.19	0.004	0.01	0.089	3.326
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	10/02/84-10/07/89	10	222.	235.	291.	160.	1938.667	44.03	164.	200.	276.75	291.
00480 SALINITY - PARTS PER THOUSAND	05/11/90-05/11/90	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	10/02/84-05/11/90	11 ##	0.05	0.279	2.44	0.05	0.515	0.718	0.05	0.05	0.05	1.988
00655 PHOSPHATE, POLY (MG/L AS PO4)	10/02/84-05/11/90	11	1.1	2.141	8.	0.05	6.651	2.579	0.1	0.5	3.	7.6
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	10/02/84-05/11/90	10	308.	299.6	342.	200.	2052.489	45.304	204.	285.	329.25	342.
00940 CHLORIDE, TOTAL IN WATER MG/L	04/22/87-05/11/90	7	68.	71.286	121.	30.	953.238	30.875	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	10/02/84-05/11/90	11	53.	75.364	204.	45.	2211.035	47.022	45.4	48.	92.	184.
01042 COPPER, TOTAL (UG/L AS CU)	10/02/84-05/11/90	11 ##	50.	61.818	180.	50.	1536.364	39.196	50.	50.	50.	154.
01045 IRON, TOTAL (UG/L AS FE)	10/02/84-05/11/90	10 ##	50.	62.	170.	50.	1440.	37.947	50.	50.	50.	158.
01055 MANGANESE, TOTAL (UG/L AS MN)	10/02/84-05/11/90	9 ##	50.	145.556	380.	50.	16077.778	126.798	50.	50.	250.	380.
31501 COLIFORM, TOT, MEMBRANE FILTER, IMMEDIATE, M-ENDO MED, 35C	06/04/85-05/05/89	3	40.	30.	50.	0.	700.	26.458	**	**	**	**
31501 LOG COLIFORM, TOT, MEMBRANE FILTER, IMMEDIATE, M-ENDO MED,	06/04/85-05/05/89	3	1.602	1.1	1.699	0.	0.91	0.954	**	**	**	**

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

Parameter Inventory for Station: CANY0193

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501 GM COLIFORM,TOT,MEMBRANE FILTER,IMMED,M-ENDO MED,3	GEOMETRIC MEAN =			12.599								
31616 FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/05/89-05/05/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
31616 LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/05/89-05/05/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
31616 GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.								

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

EPA Water Quality Criteria Analysis for Station: CANY0193

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	10	0	0.00	3	0	0.00	1	0	0.00	5	0	0.00	1	0	0.00
00400 PH	Fresh Chronic	9.	11	0	0.00	3	0	0.00	2	0	0.00	5	0	0.00	1	0	0.00
	Other-Lo Lim.	6.5	11	2	0.18	3	1	0.33	2	0	0.00	5	1	0.20	1	0	0.00
00620 NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	11	0	0.00	4	0	0.00	2	0	0.00	4	0	0.00	1	0	0.00
00940 CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	7	0	0.00	2	0	0.00	1	0	0.00	4	0	0.00			
	Drinking Water	250.	7	0	0.00	2	0	0.00	1	0	0.00	4	0	0.00			
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	250.	11	0	0.00	4	0	0.00	2	0	0.00	4	0	0.00	1	0	0.00
01042 COPPER, TOTAL	Fresh Acute	18.	1 &	1	1.00	1	1	1.00									
	Drinking Water	1300.	11	0	0.00	4	0	0.00	2	0	0.00	4	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.	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: CANY0194

NPS Station ID: CANY0194 LAT/LON: 38.228833/-109.997667

Location: MAZE OVERLOOK SPG .25MI SE OF MAZE OVERLOOK SF-2

Station Type: /TYPA/AMBNT/SPRING

RMI-Indexes:

RMI-Miles:

HUC: 14060008

Major Basin:

Minor Basin:

RF1 Index:

RF3 Index: 14060008012702.67

Description:

WATER QUALITY STATION IS LOCATED IN CANYONLANDS NP. THIS PARK IS

SAMPLES WERE COLLECTED BY CANYONLANDS NATIONAL PARK NATURAL RESOURCE

435-259-3911); ANALYZED BY THE UTAH DEPARTMENT OF HEALTH LABORATORY;

QUALITY - DIVISION OF WATER QUALITY. DATA COLLECTED AT THE SAME

Depth of Water: 0

Elevation: 0

RF1 Mile Point: 0.000

RF3 Mile Point: 4.44

Agency: 21UTAH

FIPS State/County: 49055 UTAH/WAYNE

STORET Station ID(s): 599550

Within Park Boundary: Yes

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 0.00

Distance from RF3: 0.01

Date Created: / /

On/Off RF1:

On/Off RF3:

Parameter Inventory for Station: CANY0194

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/25/90-09/19/99	21	20.4	19.534	27.3	6.5	44.299	6.656	7.42	16.2	25.08	27.2
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/25/91-09/19/99	18	21.	20.428	33.	8.	53.609	7.322	8.9	16.375	26.925	28.95
00058 FLOW, RATE GALLONS/MIN	05/25/97-09/19/99	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	05/09/93-05/08/95	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/25/90-09/19/99	21	2.	3.438	15.	0.246	14.936	3.865	0.351	0.607	5.06	10.74
00094 SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/25/90-09/19/99	21	560.	545.381	738.	56.	18120.148	134.611	423.8	526.	595.	704.8
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/25/90-09/19/99	21	580.	575.667	689.	418.	3833.033	61.911	471.8	555.	602.	662.
00191 HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	10/25/90-09/19/99	21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00300 OXYGEN, DISSOLVED MG/L	10/25/90-09/19/99	20	7.05	7.158	13.94	1.37	7.112	2.667	4.8	5.425	8.725	11.056
00400 PH (STANDARD UNITS)	10/25/90-09/19/99	21	8.21	8.171	8.39	7.8	0.038	0.195	7.828	8.03	8.35	8.384
00400 CONVERTED PH (STANDARD UNITS)	10/25/90-09/19/99	21	8.21	8.126	8.39	7.8	0.04	0.2	7.828	8.03	8.35	8.384
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/25/90-09/19/99	21	0.006	0.007	0.016	0.004	0.	0.004	0.004	0.004	0.009	0.015
00405 CARBON DIOXIDE (MG/L AS CO2)	10/25/90-09/19/99	21	3.	3.	7.	1.	2.3	1.517	2.	2.	3.	5.8
00406 PH, FIELD, STANDARD UNITS SU	10/25/90-09/19/99	21	8.	7.892	8.7	6.8	0.271	0.521	7.02	7.4	8.3	8.4
00406 CONVERTED PH, FIELD, STANDARD UNITS	10/25/90-09/19/99	21	8.	7.565	8.7	6.8	0.383	0.619	7.02	7.4	8.3	8.4
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/25/90-09/19/99	21	0.01	0.027	0.158	0.002	0.002	0.04	0.004	0.005	0.041	0.1
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	10/25/90-09/19/99	21	238.	221.524	267.	58.	2351.962	48.497	147.8	206.	251.	265.8
00440 BICARBONATE ION (MG/L AS HCO3)	10/25/90-09/19/99	21	290.	269.952	326.	71.	3539.548	59.494	176.8	251.	306.5	324.4
00445 CARBONATE ION (MG/L AS CO3)	10/25/90-09/19/99	21	0.	0.095	2.	0.	0.19	0.436	0.	0.	0.	0.
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/25/90-09/19/99	21	4.	7.476	26.4	0.	71.642	8.464	0.	0.	13.	20.
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/25/90-05/23/99	20 ##	0.025	0.042	0.305	0.025	0.004	0.063	0.025	0.025	0.025	0.057
00613 NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/25/90-10/25/90	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00618 NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/25/90-10/25/90	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/25/90-05/25/97	12	0.17	0.198	0.57	0.05	0.025	0.157	0.05	0.05	0.265	0.507
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/25/91-09/19/99	3	0.037	0.184	0.5	0.015	0.075	0.274	**	**	**	**
00631 NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/12/91-05/23/99	18	0.035	0.06	0.25	0.01	0.004	0.065	0.01	0.02	0.073	0.169
00665 PHOSPHORUS, TOTAL (MG/L AS P)	10/25/90-09/19/99	20 ##	0.009	0.013	0.083	0.005	0.	0.017	0.005	0.005	0.01	0.025
00666 PHOSPHORUS, DISSOLVED (MG/L AS P)	10/25/90-05/23/99	17 ##	0.005	0.014	0.086	0.005	0.	0.021	0.005	0.005	0.01	0.052
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	10/25/90-09/19/99	21	265.4	264.971	338.5	198.5	1009.274	31.769	216.	246.85	285.3	303.04

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

Parameter Inventory for Station: CANY0194

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/25/90-09/19/99	21	49.9	49.481	68.4	26.4	79.269	8.903	37.68	45.5	54.75	61.06
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/25/90-09/19/99	21	35.	34.395	40.8	24.	16.88	4.109	26.4	32.15	36.65	38.8
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/25/90-09/19/99	21	19.7	19.267	26.2	14.	8.675	2.945	14.52	17.	20.65	23.6
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/25/90-09/19/99	21	5.6	5.849	8.96	4.9	0.853	0.923	4.944	5.27	6.2	7.072
00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/25/90-09/19/99	21	12.5	13.033	18.5	9.	6.205	2.491	9.52	11.25	15.	16.24
00946	SULFATE, DISSOLVED (MG/L AS SO4)	10/25/90-09/19/99	21	65.8	64.962	97.427	46.4	199.581	14.127	46.96	52.984	71.985	91.7
01000	ARSENIC, DISSOLVED (UG/L AS AS)	09/20/96-09/19/99	11 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
01005	BARIUM, DISSOLVED (UG/L AS BA)	09/20/96-09/19/99	11	180.	180.909	240.	120.	2309.091	48.053	120.	120.	220.	240.
01025	CADMIUM, DISSOLVED (UG/L AS CD)	09/20/96-09/19/99	11 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/20/96-09/19/99	11 ##	2.5	4.318	8.6	2.5	6.806	2.609	2.5	2.5	6.5	8.58
01040	COPPER, DISSOLVED (UG/L AS CU)	09/20/96-09/19/99	11 ##	6.	6.727	14.	6.	5.818	2.412	6.	6.	6.	12.4
01046	IRON, DISSOLVED (UG/L AS FE)	09/20/96-09/19/99	11 ##	10.	12.964	28.	10.	44.055	6.637	10.	10.	10.	27.32
01049	LEAD, DISSOLVED (UG/L AS PB)	09/20/96-09/19/99	11 ##	1.5	1.5	1.5	1.5	0.	0.	1.5	1.5	1.5	1.5
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/20/96-09/19/99	11	56.	53.	100.	14.	1120.2	33.469	14.2	18.	95.	99.4
01075	SILVER, DISSOLVED (UG/L AS AG)	09/20/96-09/19/99	11 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
01090	ZINC, DISSOLVED (UG/L AS ZN)	09/20/96-09/19/99	11 ##	15.	15.	15.	15.	0.	0.	15.	15.	15.	15.
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/20/96-09/19/99	11	36.	67.091	290.	15.	7952.091	89.174	15.	15.	45.	270.
01145	SELENIUM, DISSOLVED (UG/L AS SE)	09/20/96-09/19/99	11	1.	0.973	1.7	0.5	0.234	0.484	0.5	0.5	1.4	1.66
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	10/25/90-05/09/93	5 ##	2.5	1.8	2.5	0.5	0.95	0.975	**	**	**	**
50051	FLOW, RATE, INSTANTANEOUS MGD	05/23/99-05/23/99	1	2.	2.	2.	2.	0.	0.	**	**	**	**
61027	ANIONS, SUM, TOTAL IN WATER MG/L	09/25/91-09/19/99	18	219.	208.667	266.	111.	1468.	38.314	137.1	186.75	231.25	249.8
61944	CATIONS, SUM, TOTAL IN WATER, MG/L	09/25/91-09/19/99	18	108.	109.444	144.	83.	198.967	14.106	88.4	102.25	118.	128.7
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/25/90-09/19/99	21	340.	337.048	452.	240.	1871.848	43.265	276.4	314.	357.	378.
71890	MERCURY, DISSOLVED (UG/L AS HG)	09/20/96-09/19/99	11 ##	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/25/90-05/09/93	5 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	10/25/90-05/09/93	5	0.14	0.149	0.23	0.097	0.003	0.051	**	**	**	**
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/25/90-05/09/93	5 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/25/90-05/09/93	5 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/25/90-05/09/93	5 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	10/25/90-05/09/93	5	0.096	0.142	0.37	0.015	0.022	0.15	**	**	**	**
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/25/90-05/09/93	5 ##	2.5	2.3	2.5	1.5	0.2	0.447	**	**	**	**
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/25/90-05/09/93	5	31.	52.	130.	5.	2774.	52.669	**	**	**	**
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/25/90-05/09/93	5 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/25/90-05/09/93	5 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/25/90-05/09/93	5 ##	10.	11.	15.	10.	5.	2.236	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0194

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	21	0	0.00	7	0	0.00	5	0	0.00	7	0	0.00	2	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	20	1	0.05	6	0	0.00	5	0	0.00	7	1	0.14	2	0	0.00
00400	PH	Fresh Chronic	9.	21	0	0.00	7	0	0.00	5	0	0.00	7	0	0.00	2	0	0.00
00406	PH, FIELD	Other-Lo Lim.	6.5	21	0	0.00	7	0	0.00	5	0	0.00	7	0	0.00	2	0	0.00
		Fresh Chronic	9.	21	0	0.00	7	0	0.00	5	0	0.00	7	0	0.00	2	0	0.00
		Other-Lo Lim.	6.5	21	0	0.00	7	0	0.00	5	0	0.00	7	0	0.00	2	0	0.00
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1	0	0.00				1	0	0.00						
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00				1	0	0.00						
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	3	0	0.00	2	0	0.00				1	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	18	0	0.00	6	0	0.00	4	0	0.00	6	0	0.00	2	0	0.00
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	21	0	0.00	7	0	0.00	5	0	0.00	7	0	0.00	2	0	0.00
		Drinking Water	250.	21	0	0.00	7	0	0.00	5	0	0.00	7	0	0.00	2	0	0.00
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	21	0	0.00	7	0	0.00	5	0	0.00	7	0	0.00	2	0	0.00
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	11	0	0.00	4	0	0.00	4	0	0.00	2	0	0.00	1	0	0.00
		Drinking Water	50.	11	0	0.00	4	0	0.00	4	0	0.00	2	0	0.00	1	0	0.00
01005	BARIUM, DISSOLVED	Drinking Water	2000.	11	0	0.00	4	0	0.00	4	0	0.00	2	0	0.00	1	0	0.00
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	11	0	0.00	4	0	0.00	4	0	0.00	2	0	0.00	1	0	0.00
		Drinking Water	5.	11	0	0.00	4	0	0.00	4	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

EPA Water Quality Criteria Analysis for Station: CANY0194

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
01030 CHROMIUM, DISSOLVED	Drinking Water	100.	11	0	0.00	4	0	0.00	4	0	0.00	2	0	0.00	1	0	0.00
01040 COPPER, DISSOLVED	Fresh Acute	18.	11	0	0.00	4	0	0.00	4	0	0.00	2	0	0.00	1	0	0.00
	Drinking Water	1300.	11	0	0.00	4	0	0.00	4	0	0.00	2	0	0.00	1	0	0.00
01049 LEAD, DISSOLVED	Fresh Acute	82.	11	0	0.00	4	0	0.00	4	0	0.00	2	0	0.00	1	0	0.00
	Drinking Water	15.	11	0	0.00	4	0	0.00	4	0	0.00	2	0	0.00	1	0	0.00
01075 SILVER, DISSOLVED	Fresh Acute	4.1	11	0	0.00	4	0	0.00	4	0	0.00	2	0	0.00	1	0	0.00
	Drinking Water	100.	11	0	0.00	4	0	0.00	4	0	0.00	2	0	0.00	1	0	0.00
01090 ZINC, DISSOLVED	Fresh Acute	120.	11	0	0.00	4	0	0.00	4	0	0.00	2	0	0.00	1	0	0.00
	Drinking Water	5000.	11	0	0.00	4	0	0.00	4	0	0.00	2	0	0.00	1	0	0.00
01145 SELENIUM, DISSOLVED	Fresh Acute	20.	11	0	0.00	4	0	0.00	4	0	0.00	2	0	0.00	1	0	0.00
	Drinking Water	50.	11	0	0.00	4	0	0.00	4	0	0.00	2	0	0.00	1	0	0.00
01167 SELENIUM, ACID SOLUBLE, WATER, WHOLE	Fresh Acute	20.	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00	1	0	0.00
	Drinking Water	50.	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			
71890 MERCURY, DISSOLVED	Fresh Acute	2.4	11	0	0.00	4	0	0.00	4	0	0.00	2	0	0.00	1	0	0.00
	Drinking Water	2.	11	0	0.00	4	0	0.00	4	0	0.00	2	0	0.00	1	0	0.00
82702 ARSENIC, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	360.	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			
	Drinking Water	50.	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			
82703 BARIUM, FIELD ACIDIFIED, DECANTED, WATER	Drinking Water	2.	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			
82705 CADMIUM, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	3.9	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			
	Drinking Water	5.	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			
82706 CHROMIUM, FIELD ACIDIFIED, DECANTED, WAT	Drinking Water	100.	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			
82708 COPPER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	18.	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			
	Drinking Water	1300.	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			
82711 LEAD, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	82.	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			
	Drinking Water	15.	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			
82713 MERCURY, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	2.4	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			
	Drinking Water	2.	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			
82716 SILVER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	4.1	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			
	Drinking Water	100.	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			
82719 ZINC, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	120.	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			
	Drinking Water	5000.	5	0	0.00	1	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: CANY0195

NPS Station ID: CANY0195

Location: JASPER CYN SPG(LOWER) 3MI E OF MAZE OVERLOOK JC1

Station Type: /TYPA/AMBNT/SPRING

RMI-Indexes:

RMI-Miles:

HUC: 14060008

Major Basin:

Minor Basin:

RF1 Index:

RF3 Index: 14060008013701.03

Description:

WATER QUALITY STATION IS LOCATED IN CANYONLANDS NP. THIS PARK IS

SAMPLES WERE COLLECTED BY CANYONLANDS NATIONAL PARK NATURAL RESOURCE

435-259-3911); ANALYZED BY THE UTAH DEPARTMENT OF HEALTH LABORATORY;

QUALITY - DIVISION OF WATER QUALITY.

LAT/LON: 38.233000/-109.945833

Depth of Water: 0

Elevation: 0

RF1 Mile Point: 0.000

RF3 Mile Point: 1.32

MANAGED BY THE NATIONAL PARK SERVICE'S SOUTHEAST UTAH GROUP. WATER

MANAGEMENT STAFF (125 W. 200 S.; MOAB UT 84532; TELEPHONE:

AND UPLOADED INTO STORET BY THE UTAH DEPARTMENT OF ENVIRONMENTAL

Agency: 21UTAH

FIPS State/County: 49055 UTAH/WAYNE

STORET Station ID(s): 599552

Within Park Boundary: Yes

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 0.00

Distance from RF3: 0.06

On/Off RF1:

On/Off RF3:

Date Created: / /

Parameter Inventory for Station: CANY0195

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: CANY0196

NPS Station ID: CANY0196
 Location: FRENCH SPRING
 Station Type: /TYPA/AMBNT/SPRING
 RMI-Indexes:
 RMI-Miles:
 HUC: 14070004
 Major Basin: COLORADO RIVER
 Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER
 RF1 Index: 14070004
 RF3 Index: 14070004002901.17
 Description:

LAT/LON: 38.236809/-110.146754

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 2.36

Agency: 11NPSWRD
 FIPS State/County: 49055 UTAH/WAYNE
 STORET Station ID(s): GLCA_NPS_599547/FS1 /599547
 Within Park Boundary: No

Date Created: 05/22/99

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.80
 Distance from RF3: 0.11

On/Off RF1:
 On/Off RF3:

THE STATION IS LOCATED ON THE GORDON FLATS UTAH 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. FRENCH SPRING IS LOCATED INSIDE THE GLEN CANYON NATIONAL RECREATION AREA. THE SAMPLES WERE COLLECTED AND ANALYZED BY NATIONAL PARK SERVICE PERSONNEL. THE MONITORING BEGAN IN RESPONSE TO A PROPOSED SITING OF A NUCLEAR WASTE REPOSITORY NEAR THE PARK AS STATED BY B. LONG AND R. SMITH IN THE REPORT "WATER QUALITY DATA ANALYSIS AND INTERPRETATION FOR SPRING MONITORING SITES SOUTHEAST UTAH GROUP" (AUGUST 1996). THE INITIAL MONITORING OBJECTIVES WERE TO ESTABLISH A BASELINE DATABASE; DETECT POTENTIAL CHANGES; AND IDENTIFY AREAS OF CONCERN. THE UTAH DEPARTMENT OF ENVIRONMENTAL QUALITY ANALYZED THE SAMPLES IN A COOPERATIVE EFFORT WITH THE PARK SERVICE AFTER 10/26/1990. THESE DATA CAN BE FOUND UNDER THE STATION 599547. DATA WERE PROCESSED AND UPLOADED TO STORET BY LISA DUMMER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: CANY0196

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/03/84-05/11/90	7	10.9	10.743	14.9	8.	6.89	2.625	**	**	**	**
00059 FLOW, RATE, INSTANTANEOUS GALLONS/MIN	10/01/86-10/01/86	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	10/01/86-10/01/86	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00090 OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	05/11/90-05/11/90	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00094 SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	10/03/84-05/11/90	7	420.	433.286	520.	400.	1644.905	40.557	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	10/03/84-05/11/90	7	7.3	7.643	13.6	2.8	10.203	3.194	**	**	**	**
00400 PH (STANDARD UNITS)	10/03/84-05/11/90	7	6.3	7.053	10.5	5.6	2.984	1.728	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	10/03/84-05/11/90	7	6.3	6.093	10.5	5.6	4.06	2.015	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/03/84-05/11/90	7	0.501	0.808	2.512	0.	0.917	0.958	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	10/03/84-10/08/89	7	200.	189.714	239.	137.	1484.905	38.534	**	**	**	**
00480 SALINITY - PARTS PER THOUSAND	05/11/90-05/11/90	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	10/03/84-05/11/90	7	0.2	1.029	5.96	0.05	4.751	2.18	**	**	**	**
00655 PHOSPHATE, POLY (MG/L AS PO4)	10/03/84-05/11/90	7	0.9	1.13	2.	0.05	0.533	0.73	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	10/03/84-05/11/90	7	205.	211.571	240.	188.	296.952	17.232	**	**	**	**
00940 CHLORIDE, TOTAL IN WATER MG/L	04/23/86-05/11/90	6	83.	74.417	121.	0.5	1847.442	42.982	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	10/03/84-05/11/90	8	26.	24.563	37.	2.5	126.531	11.249	**	**	**	**
01042 COPPER, TOTAL (UG/L AS CU)	10/03/84-05/11/90	8 ##	50.	105.	280.	50.	7828.571	88.479	**	**	**	**
01045 IRON, TOTAL (UG/L AS FE)	10/03/84-05/11/90	7 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01055 MANGANESE, TOTAL (UG/L AS MN)	10/03/84-05/11/90	7 ##	50.	104.286	280.	50.	9128.571	95.544	**	**	**	**

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

Parameter Inventory for Station: CANY0196

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501 COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/25/87-05/07/89	3	60.	803.333	2350.	0.	1795033.333	1339.789	**	**	**	**
31501 LOG COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,	04/25/87-05/07/89	3	1.778	1.716	3.371	0.	2.844	1.686	**	**	**	**
31501 GM COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			52.048								
31616 FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/25/87-05/07/89	3 ##	0.	560.	1680.	0.	940800.	969.948	**	**	**	**
31616 LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/25/87-05/07/89	3 ##	0.	1.075	3.225	0.	3.468	1.862	**	**	**	**
31616 GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			11.888								

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

EPA Water Quality Criteria Analysis for Station: CANY0196

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	7	1	0.14	3	1	0.33				4	0	0.00			
00400 PH	Fresh Chronic	9.	7	1	0.14	3	1	0.33				4	0	0.00			
	Other-Lo Lim.	6.5	7	4	0.57	3	2	0.67				4	2	0.50			
00620 NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	7	0	0.00	3	0	0.00				4	0	0.00			
00940 CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	6	0	0.00	1	0	0.00				5	0	0.00			
	Drinking Water	250.	6	0	0.00	1	0	0.00				5	0	0.00			
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	250.	8	0	0.00	3	0	0.00				5	0	0.00			
01042 COPPER, TOTAL	Fresh Acute	18.	3 &	3	1.00	2	2	1.00				1	1	1.00			
	Drinking Water	1300.	8	0	0.00	3	0	0.00				5	0	0.00			
31501 COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	3	1	0.33							3	1	0.33			
31616 FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	3	1	0.33							3	1	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 Inventory for Station: CANY0197

NPS Station ID: CANY0197
 Location: SLDH501R
 Station Type: /TYPA/AMBNT/SPRING
 RMI-Indexes:

LAT/LON: 38.236699/-110.146892

Agency: 11NPSWRD
 FIPS State/County: 49055 UTAH/WAYNE
 STORET Station ID(s): GLCA_NURE_20 /5079432
 Within Park Boundary: No

Date Created: 01/30/99

RMI-Miles:
 HUC: 14070004
 Major Basin: COLORADO RIVER
 Minor Basin: MIDDLE COLORADO RIVER-SAN JUAN RIVER
 RF1 Index: 14070004
 RF3 Index: 14070004002901.17

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 2.36

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.80
 Distance from RF3: 0.11

On/Off RF1:
 On/Off RF3:

Description:
 THE STATION IS LOCATED ON THE GORDON FLATS UTAH 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT A SPRING AND IS INSIDE THE GLEN CANYON NATIONAL RECREATION AREA. EACH SAMPLE WAS FILTERED THROUGH A LESS THAN OR EQUAL TO 0.8 UM FILTER 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 STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "SRLID" 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 LISA DUMMER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: CANY0197

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/22/79-05/22/79	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/22/79-05/22/79	1	380.	380.	380.	380.	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	05/22/79-05/22/79	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	05/22/79-05/22/79	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/22/79-05/22/79	1	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	05/22/79-05/22/79	1	160.	160.	160.	160.	0.	0.	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	05/22/79-05/22/79	1	29.5	29.5	29.5	29.5	0.	0.	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS NA)	05/22/79-05/22/79	1	46.31	46.31	46.31	46.31	0.	0.	**	**	**	**
01085 VANADIUM, DISSOLVED (UG/L AS V)	05/22/79-05/22/79	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
22703 URANIUM, NATURAL, DISSOLVED	05/22/79-05/22/79	1	3.753	3.753	3.753	3.753	0.	0.	**	**	**	**
50760 CHLORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	05/22/79-05/22/79	1	72200.	72200.	72200.	72200.	0.	0.	**	**	**	**
50761 BROMINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	05/22/79-05/22/79	1	248.2	248.2	248.2	248.2	0.	0.	**	**	**	**
82041 HELIUM, DISSOLVED IN WATER (UG/L AS HE)	05/22/79-05/22/79	1	5400.	5400.	5400.	5400.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0197

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
							Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	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: CANY0198

NPS Station ID: CANY0198
 Location: FRENCH SPRING FS-1
 Station Type: /TYPA/AMBNT/SPRING
 RMI-Indexes:
 RMI-Miles:
 HUC: 14070004
 Major Basin:
 Minor Basin:
 RF1 Index:
 RF3 Index: 14060008013500.00

LAT/LON: 38.236667/-110.146833

Depth of Water: 0
 Elevation: 0

RF1 Mile Point: 0.000
 RF3 Mile Point: 9.72

Agency: 21UTAH
 FIPS State/County: 49055 UTAH/WAYNE
 STORET Station ID(s): 599547
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.02

On/Off RF1:
 On/Off RF3:

Description:
 WATER QUALITY STATION IS LOCATED IN GLEN CANYON NRA. WATER SAMPLES WERE COLLECTED BY CANYONLANDS NATIONAL PARK NATURAL RESOURCE MANAGEMENT STAFF (125 W. 200 S.; MOAB UT 84532; TELEPHONE: 435-259-3911); ANALYZED BY THE UTAH DEPARTMENT OF HEALTH LABORATORY; AND UPLOADED INTO STORET BY THE UTAH DEPARTMENT OF ENVIRONMENTAL QUALITY - DIVISION OF WATER QUALITY. DATA COLLECTED AT THE SAME LOCATION PRIOR TO 10/26/1990 CAN BE FOUND AT STATION GLCA_NPS_599547.

Parameter Inventory for Station: CANY0198

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/12/80-02/28/99	4	11.4	10.2	12.5	5.5	10.193	3.193	**	**	**	**
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	02/28/99-02/28/99	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00058 FLOW, RATE GALLONS/MIN	11/12/80-02/28/99	3	0.73	0.79	1.14	0.5	0.105	0.324	**	**	**	**
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/26/90-02/28/99	2	0.278	0.278	0.295	0.26	0.001	0.025	**	**	**	**
00094 SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/12/80-02/28/99	4	434.	430.	490.	362.	4162.667	64.519	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/26/90-02/28/99	2	391.	391.	398.	384.	98.	9.899	**	**	**	**
00191 HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	10/26/90-02/28/99	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	11/12/80-02/28/99	4	6.8	6.425	7.1	5.	0.922	0.96	**	**	**	**
00400 PH (STANDARD UNITS)	10/26/90-02/28/99	2	8.02	8.02	8.14	7.9	0.029	0.17	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	10/26/90-02/28/99	2	8.004	8.004	8.14	7.9	0.029	0.171	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/26/90-02/28/99	2	0.01	0.01	0.013	0.007	0.	0.004	**	**	**	**
00405 CARBON DIOXIDE (MG/L AS CO2)	10/26/90-02/28/99	2	2.5	2.5	3.	2.	0.5	0.707	**	**	**	**
00406 PH, FIELD, STANDARD UNITS SU	11/12/80-02/28/99	4	7.76	7.815	8.34	7.4	0.154	0.392	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS	11/12/80-02/28/99	4	7.756	7.702	8.34	7.4	0.171	0.413	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/12/80-02/28/99	4	0.018	0.02	0.04	0.005	0.	0.015	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	11/12/80-02/28/99	4	162.5	168.5	198.	151.	453.667	21.299	**	**	**	**
00440 BICARBONATE ION (MG/L AS HCO3)	11/12/80-02/28/99	4	198.	205.39	241.56	184.	679.008	26.058	**	**	**	**
00445 CARBONATE ION (MG/L AS CO3)	10/26/90-02/28/99	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/26/90-02/28/99	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/26/90-02/28/99	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00613 NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/26/90-10/26/90	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00618 NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/26/90-10/26/90	1	0.54	0.54	0.54	0.54	0.	0.	**	**	**	**
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	11/12/80-04/24/81	2	3.5	3.5	3.6	3.4	0.02	0.141	**	**	**	**
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/26/90-10/26/90	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00631 NITRITE PLUS NITRATE, DISS. I DET. (MG/L AS N)	02/28/99-02/28/99	1	0.349	0.349	0.349	0.349	0.	0.	**	**	**	**
00665 PHOSPHORUS, TOTAL (MG/L AS P)	11/12/80-02/28/99	4 ##	0.025	0.031	0.07	0.005	0.001	0.03	**	**	**	**
00666 PHOSPHORUS, DISSOLVED (MG/L AS P)	10/26/90-02/28/99	2 ##	0.006	0.006	0.01	0.003	0.	0.005	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	10/26/90-02/28/99	2	185.5	185.5	192.9	178.1	109.52	10.465	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	10/26/90-02/28/99	2	47.3	47.3	49.6	45.	10.58	3.253	**	**	**	**

** - 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 time series plot

Parameter Inventory for Station: CANY0198

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00916	CALCIUM, TOTAL (MG/L AS CA)	11/12/80-04/24/81	2	54.8	54.8	60.	49.6	54.08	7.354	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/26/90-02/28/99	2	16.4	16.4	16.8	16.	0.32	0.566	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	11/12/80-04/24/81	2	16.3	16.3	21.6	11.	56.18	7.495	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	11/12/80-04/24/81	2	23.75	23.75	25.	22.5	3.125	1.768	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/26/90-02/28/99	2	13.	13.	14.	12.	2.	1.414	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/26/90-02/28/99	2	1.695	1.695	2.	1.39	0.186	0.431	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	11/12/80-04/24/81	2	1.74	1.74	1.81	1.67	0.01	0.099	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	11/12/80-02/28/99	4	15.55	17.275	24.	14.	22.036	4.694	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	11/12/80-02/28/99	4	32.75	32.3	50.	13.7	234.927	15.327	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SiO2)	11/12/80-04/24/81	2	9.475	9.475	9.5	9.45	0.001	0.035	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	02/28/99-02/28/99	1##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	11/12/80-04/24/81	2##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	02/28/99-02/28/99	1	62.	62.	62.	62.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	02/28/99-02/28/99	1##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	11/12/80-04/24/81	2##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	02/28/99-02/28/99	1	6.3	6.3	6.3	6.3	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	11/12/80-04/24/81	2##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01037	COBALT, TOTAL (UG/L AS CO)	11/12/80-04/24/81	2##	4.75	4.75	9.	0.5	36.125	6.01	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	02/28/99-02/28/99	1##	6.	6.	6.	6.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	11/12/80-04/24/81	2##	5.25	5.25	10.	0.5	45.125	6.718	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	02/28/99-02/28/99	1##	10.	10.	10.	10.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	02/28/99-02/28/99	1##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	11/12/80-04/24/81	2##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	02/28/99-02/28/99	1	8.8	8.8	8.8	8.8	0.	0.	**	**	**	**
01062	MOLYBDENUM, TOTAL (UG/L AS MO)	11/12/80-04/24/81	2##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	11/12/80-04/24/81	2##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	02/28/99-02/28/99	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	02/28/99-02/28/99	1##	15.	15.	15.	15.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	11/12/80-04/24/81	2	23.5	23.5	32.	15.	144.5	12.021	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	02/28/99-02/28/99	1##	15.	15.	15.	15.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	02/28/99-02/28/99	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	11/12/80-04/24/81	2##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	10/26/90-10/26/90	1##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/12/80-04/24/81	2	61.	61.	102.	20.	3362.	57.983	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/12/80-04/24/81	2	1.655	1.655	2.009	1.301	0.25	0.5	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			45.166								
61027	ANIONS, SUM, TOTAL IN WATER MG/L	02/28/99-02/28/99	1	124.	124.	124.	124.	0.	0.	**	**	**	**
61944	CATIONS, SUM, TOTAL IN WATER, MG/L	02/28/99-02/28/99	1	82.	82.	82.	82.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	11/12/80-02/28/99	4	250.	248.5	280.	214.	1251.667	35.379	**	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	02/28/99-02/28/99	1##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	11/12/80-04/24/81	2##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
80110	SPECIFIC GRAVITY WATER-UNITY AT 4C	10/26/90-10/26/90	1	0.199	0.199	0.199	0.199	0.	0.	**	**	**	**
82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	11/12/80-04/24/81	2##	500.	500.	500.	500.	0.	0.	**	**	**	**
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/26/90-10/26/90	1##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	10/26/90-10/26/90	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/26/90-10/26/90	1##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/26/90-10/26/90	1##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/26/90-10/26/90	1##	10.	10.	10.	10.	0.	0.	**	**	**	**
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	10/26/90-10/26/90	1##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/26/90-10/26/90	1##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/26/90-10/26/90	1##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/26/90-10/26/90	1##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/26/90-10/26/90	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/26/90-10/26/90	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: CANY0198

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076 TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	2	0	0.00				2	0	0.00						
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	0	0.00				3	0	0.00	1	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						
00406 PH, FIELD	Fresh Chronic	9.	4	0	0.00				3	0	0.00	1	0	0.00			
	Other-Lo Lim.	6.5	4	0	0.00				3	0	0.00	1	0	0.00			
00613 NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1	0	0.00				1	0	0.00						
00618 NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00				1	0	0.00						
00620 NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00				1	0	0.00	1	0	0.00			
00631 NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00				1	0	0.00						
00941 CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	4	0	0.00				3	0	0.00	1	0	0.00			
	Drinking Water	250.	4	0	0.00				3	0	0.00	1	0	0.00			
00946 SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	4	0	0.00				3	0	0.00	1	0	0.00			
01000 ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00				1	0	0.00						
	Drinking Water	50.	1	0	0.00				1	0	0.00						
01002 ARSENIC, TOTAL	Fresh Acute	360.	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	50.	2	0	0.00				1	0	0.00	1	0	0.00			
01005 BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00				1	0	0.00						
01025 CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00				1	0	0.00						
	Drinking Water	5.	1	0	0.00				1	0	0.00						
01027 CADMIUM, TOTAL	Fresh Acute	3.9	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	5.	2	0	0.00				1	0	0.00	1	0	0.00			
01030 CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00				1	0	0.00						
01034 CHROMIUM, TOTAL	Drinking Water	100.	2	0	0.00				1	0	0.00	1	0	0.00			
01040 COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00				1	0	0.00						
	Drinking Water	1300.	1	0	0.00				1	0	0.00						
01042 COPPER, TOTAL	Fresh Acute	18.	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	1300.	2	0	0.00				1	0	0.00	1	0	0.00			
01049 LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00				1	0	0.00						
	Drinking Water	15.	1	0	0.00				1	0	0.00						
01051 LEAD, TOTAL	Fresh Acute	82.	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	15.	2	0	0.00				1	0	0.00	1	0	0.00			
01067 NICKEL, TOTAL	Fresh Acute	1400.	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	100.	2	0	0.00				1	0	0.00	1	0	0.00			
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						
01092 ZINC, TOTAL	Fresh Acute	120.	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	5000.	2	0	0.00				1	0	0.00	1	0	0.00			
01145 SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00				1	0	0.00						
	Drinking Water	50.	1	0	0.00				1	0	0.00						
01147 SELENIUM, TOTAL	Fresh Acute	20.	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	50.	2	0	0.00				1	0	0.00	1	0	0.00			
01167 SELENIUM, ACID SOLUBLE, WATER, WHOLE	Fresh Acute	20.	1	0	0.00				1	0	0.00						
	Drinking Water	50.	1	0	0.00				1	0	0.00						
31506 COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	2	0	0.00				1	0	0.00	1	0	0.00			
71890 MERCURY, DISSOLVED	Fresh Acute	2.4	1	0	0.00				1	0	0.00						
	Drinking Water	2.	1	0	0.00				1	0	0.00						
71900 MERCURY, TOTAL	Fresh Acute	2.4	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	2.	2	0	0.00				1	0	0.00	1	0	0.00			
82702 ARSENIC, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	360.	1	0	0.00				1	0	0.00						
	Drinking Water	50.	1	0	0.00				1	0	0.00						
82703 BARIUM, FIELD ACIDIFIED, DECANTED, WATER	Drinking Water	2.	1	0	0.00				1	0	0.00						
82705 CADMIUM, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	3.9	1	0	0.00				1	0	0.00						
	Drinking Water	5.	1	0	0.00				1	0	0.00						
82706 CHROMIUM, FIELD ACIDIFIED, DECANTED, WAT	Drinking Water	100.	1	0	0.00				1	0	0.00						
82708 COPPER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	18.	1	0	0.00				1	0	0.00						
	Drinking Water	1300.	1	0	0.00				1	0	0.00						

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

EPA Water Quality Criteria Analysis for Station: CANY0198

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
82711 LEAD, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	82.	1	0	0.00				1	0	0.00						
	Drinking Water	15.	1	0	0.00				1	0	0.00						
82713 MERCURY, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	2.4	1	0	0.00				1	0	0.00						
	Drinking Water	2.	1	0	0.00				1	0	0.00						
82716 SILVER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	4.1	1	0	0.00				1	0	0.00						
	Drinking Water	100.	1	0	0.00				1	0	0.00						
82719 ZINC, FIELD ACIDIFIED, DECANTED, WATER	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: CANY0199

NPS Station ID: CANY0199
 Location: HATCH WASH SPRING
 Station Type: /TYPA/AMBNT/SPRING
 RMI-Indexes:
 RMI-Miles:
 HUC: 14030005
 Major Basin:
 Minor Basin:
 RF1 Index:
 RF3 Index: 14030005031201.61
 Description:

LAT/LON: 38.238500/-109.440167

Depth of Water: 0
 Elevation: 0

RF1 Mile Point: 0.000
 RF3 Mile Point: 3.65

Agency: 21UTAH
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): 495605
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 30.10
 Distance from RF3: 0.24

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: CANY0199

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/22/78-03/25/81	5	10.	12.6	24.	6.5	45.925	6.777	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/22/78-03/27/79	2	1.05	1.05	2.	0.1	1.805	1.344	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/22/78-03/25/81	5	10.	46.7	190.	1.3	6513.32	80.705	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/22/78-03/25/81	5	775.	849.	1200.	720.	39380.	198.444	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/22/78-03/25/81	5	810.	822.	965.	675.	13782.5	117.399	**	**	**
00300	OXYGEN, DISSOLVED MG/L	03/27/79-03/25/81	4	7.3	7.425	10.7	4.4	7.062	2.658	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	03/22/78-03/27/80	2	3.	3.	4.	2.	2.	1.414	**	**	**
00335	COD, .025N K2CR2O7 MG/L	03/27/80-03/25/81	3	16.	21.167	40.	7.5	284.083	16.855	**	**	**
00400	PH (STANDARD UNITS)	03/22/78-03/27/79	2	8.15	8.15	8.3	8.	0.045	0.212	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	03/22/78-03/27/79	2	8.125	8.125	8.3	8.	0.046	0.215	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/22/78-03/27/79	2	0.008	0.008	0.01	0.005	0.	0.004	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	03/22/78-03/25/81	6	5.	4.833	6.	2.	2.167	1.472	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	03/27/79-03/25/81	4	7.9	8.	8.8	7.4	0.4	0.632	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	03/27/79-03/25/81	4	7.804	7.74	8.8	7.4	0.49	0.7	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/27/79-03/25/81	4	0.016	0.018	0.04	0.002	0.	0.018	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/22/78-03/25/81	5	287.	287.4	364.	231.	2501.3	50.013	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	03/22/78-03/25/81	5	350.	345.6	420.	282.	2716.8	52.123	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	07/29/80-07/29/80	1	12.	12.	12.	12.	0.	0.	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/22/78-03/25/81	5	10.	10.4	21.	0.	61.3	7.829	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	03/22/78-03/25/81	5	0.1	0.1	0.2	0.05	0.004	0.061	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/22/78-03/25/81	5 ##	0.025	0.024	0.025	0.02	0.	0.002	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/22/78-03/25/81	5	0.35	0.36	0.6	0.2	0.024	0.156	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/22/78-03/25/81	5	0.4	0.46	0.9	0.2	0.073	0.27	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/27/79-03/25/81	4	0.3	0.3	0.4	0.2	0.008	0.091	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/27/79-03/25/81	4	0.08	0.098	0.17	0.06	0.002	0.05	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/22/78-03/25/81	5	5.7	11.56	23.	3.7	84.043	9.167	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/22/78-03/25/81	5	312.	302.8	384.	184.	5719.2	75.625	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/22/78-03/25/81	5	48.	50.2	71.	37.	162.7	12.755	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/22/78-03/25/81	5	48.	43.2	62.	16.	288.7	16.991	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/22/78-03/25/81	5	41.	62.2	138.	20.	2141.2	46.273	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/22/78-03/25/81	5	5.	6.2	9.	5.	3.2	1.789	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/22/78-03/25/81	5	31.	30.2	38.	20.	49.7	7.05	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/22/78-03/25/81	5	58.	103.8	204.	33.	6841.7	82.715	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/22/78-03/25/81	5	0.46	0.412	0.47	0.28	0.007	0.083	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/22/78-03/25/81	5	10.	9.2	12.	4.	9.7	3.114	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	03/25/81-03/25/81	1	3.	3.	3.	3.	0.	0.	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	03/25/81-03/25/81	1	350.	350.	350.	350.	0.	0.	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	03/22/78-03/25/81	5	145.	162.	200.	130.	1232.5	35.107	**	**	**

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

Parameter Inventory for Station: CANY0199

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01025	CADMIUM, DISSOLVED (UG/L AS CD)	03/25/81-03/25/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	03/25/81-03/25/81	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	03/22/78-03/25/81	5 ##	2.5	3.	5.	2.5	1.25	1.118	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	03/25/81-03/25/81	1 ##	5.	5.	5.	5.	0.	0.	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	03/22/78-03/25/81	2	19.5	19.5	29.	10.	180.5	13.435	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	03/25/81-03/25/81	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/25/81-03/25/81	1	15.	15.	15.	15.	0.	0.	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	03/25/81-03/25/81	1 ##	5.	5.	5.	5.	0.	0.	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	03/25/81-03/25/81	1 ##	1.	1.	1.	1.	0.	0.	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	03/25/81-03/25/81	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	03/25/81-03/25/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	03/22/78-07/29/80	4 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	03/27/79-03/25/81	3	4300.	4693.333	9300.	480.	19564133.333	4423.136	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	03/27/79-03/25/81	3	3.633	3.428	3.968	2.681	0.446	0.668	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			2677.509							
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	03/22/78-03/25/81	4 ##	52.25	89.	240.	11.5	11609.833	107.749	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	03/22/78-03/25/81	4 ##	1.515	1.618	2.38	1.061	0.442	0.665	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			41.45							
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	03/27/79-03/27/79	1 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/22/78-03/25/81	5	458.	475.6	594.	372.	10778.8	103.821	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/22/78-03/25/81	5	0.06	0.052	0.06	0.03	0.	0.013	**	**	**
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-07/29/80	4	6.	6.	7.	5.	0.667	0.816	**	**	**
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	03/22/78-07/29/80	4 ##	0.203	0.233	0.5	0.025	0.06	0.245	**	**	**
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-07/29/80	4 ##	0.5	1.375	4.	0.5	3.063	1.75	**	**	**
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-07/29/80	4 ##	6.5	6.375	10.	2.5	10.896	3.301	**	**	**
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-07/29/80	4 ##	7.5	30.75	103.	5.	2325.583	48.224	**	**	**
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	03/22/78-03/25/81	5	0.55	0.742	1.51	0.14	0.303	0.551	**	**	**
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-07/29/80	4 ##	5.	8.125	20.	2.5	64.063	8.004	**	**	**
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-07/29/80	4	320.	335.25	551.	150.	27926.917	167.113	**	**	**
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-03/25/81	5	0.1	0.14	0.4	0.05	0.022	0.147	**	**	**
82715	NICKEL, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-07/29/80	4 ##	8.75	11.875	25.	5.	89.063	9.437	**	**	**
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-07/29/80	4 ##	1.75	2.375	5.	1.	3.563	1.887	**	**	**
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/22/78-07/29/80	4	10.	168.125	650.	2.5	103214.063	321.269	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0199

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	5	0.20	1	0	0.00	4	1	0.25						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	0.00	1	0	0.00	3	0	0.00						
00400	PH	Fresh Chronic	9.	2	0				2	0	0.00						
		Other-Lo Lim.	6.5	2	0				2	0	0.00						
00406	PH, FIELD	Fresh Chronic	9.	4	0	1	0	0.00	3	0	0.00						
		Other-Lo Lim.	6.5	4	0	1	0	0.00	3	0	0.00						
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	5	0	1	0	0.00	4	0	0.00						
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	5	0	1	0	0.00	4	0	0.00						
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	4	0	1	0	0.00	3	0	0.00						
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	5	0	1	0	0.00	4	0	0.00						
		Drinking Water	250.	5	0	1	0	0.00	4	0	0.00						
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	5	0	1	0	0.00	4	0	0.00						
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	5	0	1	0	0.00	4	0	0.00						
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0				1	0	0.00						
		Drinking Water	50.	1	0				1	0	0.00						
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0				1	0	0.00						
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0				1	0	0.00						
		Drinking Water	5.	1	0				1	0	0.00						
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0				1	0	0.00						
01032	CHROMIUM, HEXAVALENT	Fresh Acute	16.	5	0	1	0	0.00	4	0	0.00						
		Drinking Water	100.	5	0	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

EPA Water Quality Criteria Analysis for Station: CANY0199

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
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						
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						
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE	Fresh Acute 20.	4	0	0.00	1	0	0.00	3	0	0.00						
	Drinking Water	50.	4	0	0.00	1	0	0.00	3	0	0.00						
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim. 1000.	3	2	0.67				3	2	0.67						
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim. 200.	4	1	0.25				4	1	0.25						
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute 360.	4	0	0.00	1	0	0.00	3	0	0.00						
	Drinking Water	50.	4	0	0.00	1	0	0.00	3	0	0.00						
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER	Drinking Water 2.	4	0	0.00	1	0	0.00	3	0	0.00						
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute 3.9	4	1	0.25	1	0	0.00	3	1	0.33						
	Drinking Water	5.	4	0	0.00	1	0	0.00	3	0	0.00						
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WAT	Drinking Water 100.	4	0	0.00	1	0	0.00	3	0	0.00						
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute 18.	4	1	0.25	1	0	0.00	3	1	0.33						
	Drinking Water	1300.	4	0	0.00	1	0	0.00	3	0	0.00						
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute 82.	4	0	0.00	1	0	0.00	3	0	0.00						
	Drinking Water	15.	4	1	0.25	1	0	0.00	3	1	0.33						
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute 2.4	5	0	0.00	1	0	0.00	4	0	0.00						
	Drinking Water	2.	5	0	0.00	1	0	0.00	4	0	0.00						
82715	NICKEL, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute 1400.	4	0	0.00	1	0	0.00	3	0	0.00						
	Drinking Water	100.	4	0	0.00	1	0	0.00	3	0	0.00						
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute 4.1	4	1	0.25	1	0	0.00	3	1	0.33						
	Drinking Water	100.	4	0	0.00	1	0	0.00	3	0	0.00						
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute 120.	4	1	0.25	1	0	0.00	3	1	0.33						
	Drinking Water	5000.	4	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: CANY0200

NPS Station ID: CANY0200
 Location: (D-30-16) 3AAB-S1
 Station Type: /TYPA/AMBNT/SPRING
 RMI-Indexes:
 RMI-Miles:
 HUC: 14060008
 Major Basin: U
 Minor Basin:
 RF1 Index: 14060008
 RF3 Index: 14070004000800.00
 Description:

LAT/LON: 38.240281/-110.146948

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 1.14

Agency: 112WRD
 FIPS State/County: 49055 UTAH/WAYNE
 STORET Station ID(s): 381425110084901
 Within Park Boundary: No

Date Created: 02/28/78

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 9.90
 Distance from RF3: 0.86

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: CANY0200

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/15/57-09/03/69	2	12.5	12.5	15.5	9.5	18.	4.243	**	**	**
00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	05/15/57-09/03/69	2	0.85	0.85	1.	0.7	0.045	0.212	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/15/57-09/03/69	2	576.	576.	790.	362.	91592.	302.642	**	**	**
00400	PH (STANDARD UNITS)	05/15/57-09/03/69	2	7.5	7.5	7.9	7.1	0.32	0.566	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/15/57-09/03/69	2	7.337	7.337	7.9	7.1	0.373	0.611	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/15/57-09/03/69	2	0.046	0.046	0.079	0.013	0.002	0.047	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	05/15/57-05/15/57	1	21.	21.	21.	21.	0.	0.	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	05/15/57-09/03/69	2	154.5	154.5	174.	135.	760.5	27.577	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	05/15/57-09/03/69	2	188.5	188.5	212.	165.	1104.5	33.234	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	05/15/57-09/03/69	2	0.	0.	0.	0.	0.	0.	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	05/15/57-05/15/57	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	05/15/57-09/03/69	2	214.5	214.5	268.	161.	5724.5	75.66	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	05/15/57-09/03/69	2	60.	60.	94.	26.	2312.	48.083	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	05/15/57-09/03/69	2	53.5	53.5	64.	43.	220.5	14.849	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/15/57-09/03/69	2	19.5	19.5	26.	13.	84.5	9.192	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS Na)	05/15/57-09/03/69	2	32.5	32.5	54.	11.	924.5	30.406	**	**	**
00931	SODIUM ADSORPTION RATIO	05/15/57-09/03/69	2	0.9	0.9	1.4	0.4	0.5	0.707	**	**	**
00932	SODIUM, PERCENT	05/15/57-05/15/57	1	13.	13.	13.	13.	0.	0.	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/15/57-09/03/69	2	1.8	1.8	2.1	1.5	0.18	0.424	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	05/15/57-09/03/69	2	75.5	75.5	133.	18.	6612.5	81.317	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	05/15/57-09/03/69	2	23.	23.	24.	22.	2.	1.414	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/15/57-09/03/69	2	0.1	0.1	0.1	0.1	0.	0.	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SiO2)	05/15/57-09/03/69	2	9.95	9.95	11.	8.9	2.205	1.485	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	05/15/57-09/03/69	2	5.	5.	10.	0.	50.	7.071	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	05/15/57-09/03/69	2	30.	30.	60.	0.	1800.	42.426	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	05/15/57-09/03/69	2	20.	20.	40.	0.	800.	28.284	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	05/15/57-05/15/57	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/03/69-09/03/69	1	0.	0.	0.	0.	0.	0.	**	**	**
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	05/15/57-09/03/69	2	359.	359.	504.	214.	42050.	205.061	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	05/15/57-09/03/69	2	316.	316.	427.	205.	24642.	156.978	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/15/57-09/03/69	2	7.75	7.75	9.	6.5	3.125	1.768	**	**	**
71885	IRON (UG/L AS FE)	09/03/69-09/03/69	1	40.	40.	40.	40.	0.	0.	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0200

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
							Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
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			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00							1	0	0.00			
00940	CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	250.	2	0	0.00	1	0	0.00				1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	2	0	0.00	1	0	0.00				1	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	2	0	0.00	1	0	0.00				1	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	2	1	0.50	1	0	0.00				1	1	1.00			
		Drinking Water	1300.	2	0	0.00	1	0	0.00				1	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00							1	0	0.00			
		Drinking Water	15.	1	0	0.00							1	0	0.00			
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	2	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: CANY0201

NPS Station ID: CANY0201	LAT/LON: 38.243500/-109.570000	Agency: 21UTAH	Date Created: / /
Location: RESERVOIR #2-HARTS DRAW		FIPS State/County: 49037 UTAH/SAN JUAN	
Station Type: /TYP/AMBNT/LAKE		STORET Station ID(s): 495661	
RMI-Indexes:		Within Park Boundary: No	
RMI-Miles:			
HUC: 14030005	Depth of Water: 0	Aquifer:	
Major Basin:	Elevation: 0	Water Body Id:	
Minor Basin:		ECO Region:	
RF1 Index:	RF1 Mile Point: 0.000	Distance from RF1: 24.20	On/Off RF1:
RF3 Index: 14030005031400.00	RF3 Mile Point: 1.79	Distance from RF3: 0.77	On/Off RF3:
Description:			

Parameter Inventory for Station: CANY0201

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01167 SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	09/21/87-09/21/87	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: CANY0201

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
01167 SELENIUM, ACID SOLUBLE, WATER, WHOLE	Fresh Acute	20.	1	0	0.00	1	0	0.00									
	Drinking Water	50.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: CANY0202

NPS Station ID: CANY0202 LAT/LON: 38.245833/-109.986667

Location: S FK HORSE CYN SPG 1 MI NE OF MAZE OVERLOOK SF-7

Station Type: /TYPA/AMBNT/SPRING

RMI-Indexes:

RMI-Miles:

HUC: 14060008

Major Basin:

Minor Basin:

RF1 Index:

RF3 Index: 14060008012705.90

Description:

WATER QUALITY STATION IS LOCATED IN CANYONLANDS NP. THIS PARK IS

SAMPLES WERE COLLECTED BY CANYONLANDS NATIONAL PARK NATURAL RESOURCE

435-259-3911); ANALYZED BY THE UTAH DEPARTMENT OF HEALTH LABORATORY;

QUALITY - DIVISION OF WATER QUALITY. DATA COLLECTED AT THE SAME

Depth of Water: 0

Elevation: 0

RF1 Mile Point: 0.000

RF3 Mile Point: 6.09

Agency: 21UTAH

FIPS State/County: 49055 UTAH/WAYNE

STORET Station ID(s): 599549

Within Park Boundary: Yes

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 0.00

Distance from RF3: 0.00

Date Created: / /

On/Off RF1:

On/Off RF3:

MANAGED BY THE NATIONAL PARK SERVICE'S SOUTHEAST UTAH GROUP. WATER

MANAGEMENT STAFF (125 W. 200 S.; MOAB UT 84532; TELEPHONE:

AND ULOADED INTO STORET BY THE UTAH DEPARTMENT OF ENVIRONMENTAL

LOCATION PRIOR TO 10/25/1990 CAN BE FOUND AT STATION CANY_NPS_599549.

Parameter Inventory for Station: CANY0202

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/25/90-05/14/91	2	15.85	15.85	18.1	13.6	10.125	3.182	**	**	**	**
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	05/14/91-05/14/91	1	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00094 SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/25/90-10/25/90	1	869.	869.	869.	869.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/14/91-05/14/91	1	899.	899.	899.	899.	0.	0.	**	**	**	**
00191 HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	05/14/91-05/14/91	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	10/25/90-05/14/91	2	5.35	5.35	5.9	4.8	0.605	0.778	**	**	**	**
00400 PH (STANDARD UNITS)	05/14/91-05/14/91	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	05/14/91-05/14/91	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/14/91-05/14/91	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00405 CARBON DIOXIDE (MG/L AS CO2)	05/14/91-05/14/91	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00406 PH, FIELD, STANDARD UNITS SU	10/25/90-05/14/91	2	7.65	7.65	8.1	7.2	0.405	0.636	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS	10/25/90-05/14/91	2	7.45	7.45	8.1	7.2	0.485	0.697	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/25/90-05/14/91	2	0.036	0.036	0.063	0.008	0.002	0.039	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	05/14/91-05/14/91	1	364.	364.	364.	364.	0.	0.	**	**	**	**
00440 BICARBONATE ION (MG/L AS HCO3)	05/14/91-05/14/91	1	445.	445.	445.	445.	0.	0.	**	**	**	**
00445 CARBONATE ION (MG/L AS CO3)	05/14/91-05/14/91	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/14/91-05/14/91	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/25/90-05/14/91	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00613 NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/25/90-10/25/90	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00618 NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/25/90-10/25/90	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/25/90-05/14/91	2 ##	0.125	0.125	0.2	0.05	0.011	0.106	**	**	**	**
00631 NITRITE PLUS NITRATE, DISS. I DET. (MG/L AS N)	05/14/91-05/14/91	1	0.034	0.034	0.034	0.034	0.	0.	**	**	**	**
00665 PHOSPHORUS, TOTAL (MG/L AS P)	10/25/90-05/14/91	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00666 PHOSPHORUS, DISSOLVED (MG/L AS P)	10/25/90-05/14/91	2 ##	0.004	0.004	0.005	0.003	0.	0.002	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	05/14/91-05/14/91	1	414.2	414.2	414.2	414.2	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	05/14/91-05/14/91	1	72.	72.	72.	72.	0.	0.	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	05/14/91-05/14/91	1	57.	57.	57.	57.	0.	0.	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	05/14/91-05/14/91	1	34.	34.	34.	34.	0.	0.	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	05/14/91-05/14/91	1	4.7	4.7	4.7	4.7	0.	0.	**	**	**	**

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

Parameter Inventory for Station: CANY0202

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/14/91-05/14/91	1	31.7	31.7	31.7	31.7	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/14/91-05/14/91	1	92.	92.	92.	92.	0.	0.	**	**	**	**
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	10/25/90-05/14/91	2##	1.5	1.5	2.5	0.5	2.	1.414	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/14/91-05/14/91	1	538.	538.	538.	538.	0.	0.	**	**	**	**
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/25/90-05/14/91	2##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	10/25/90-05/14/91	2	0.092	0.092	0.17	0.014	0.012	0.11	**	**	**	**
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/25/90-05/14/91	2##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/25/90-05/14/91	2##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/25/90-05/14/91	2##	10.	10.	10.	10.	0.	0.	**	**	**	**
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	10/25/90-05/14/91	2	0.25	0.25	0.43	0.069	0.065	0.255	**	**	**	**
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/25/90-05/14/91	2##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/25/90-05/14/91	2	148.	148.	290.	6.	40328.	200.818	**	**	**	**
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/25/90-05/14/91	2##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/25/90-05/14/91	2##	1.	1.	1.	1.	0.	0.	**	**	**	**
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/25/90-05/14/91	2##	10.	10.	10.	10.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0202

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	50.	1	0	0.00							1	0	0.00			
00300	OXYGEN, DISSOLVED	4.	2	0	0.00				1	0	0.00	1	0	0.00			
00400	PH	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	9.	2	0	0.00				1	0	0.00	1	0	0.00			
	Other-Lo Lim.	6.5	2	0	0.00				1	0	0.00	1	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	1.	1	0	0.00				1	0	0.00						
00618	NITRATE NITROGEN, DISSOLVED AS N	10.	1	0	0.00				1	0	0.00						
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	10.	1	0	0.00							1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	860.	1	0	0.00							1	0	0.00			
	Fresh Acute	250.	1	0	0.00							1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	250.	1	0	0.00							1	0	0.00			
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE	20.	2	0	0.00				1	0	0.00	1	0	0.00			
	Fresh Acute	50.	2	0	0.00				1	0	0.00	1	0	0.00			
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATE	360.	2	0	0.00				1	0	0.00	1	0	0.00			
	Fresh Acute	50.	2	0	0.00				1	0	0.00	1	0	0.00			
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER	2.	2	0	0.00				1	0	0.00	1	0	0.00			
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATE	3.9	2	0	0.00				1	0	0.00	1	0	0.00			
	Fresh Acute	5.	2	0	0.00				1	0	0.00	1	0	0.00			
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WAT	100.	2	0	0.00				1	0	0.00	1	0	0.00			
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER	18.	2	0	0.00				1	0	0.00	1	0	0.00			
	Fresh Acute	1300.	2	0	0.00				1	0	0.00	1	0	0.00			
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER	82.	2	0	0.00				1	0	0.00	1	0	0.00			
	Fresh Acute	15.	2	0	0.00				1	0	0.00	1	0	0.00			
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATE	2.4	2	0	0.00				1	0	0.00	1	0	0.00			
	Fresh Acute	2.	2	0	0.00				1	0	0.00	1	0	0.00			
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER	4.1	2	0	0.00				1	0	0.00	1	0	0.00			
	Fresh Acute	100.	2	0	0.00				1	0	0.00	1	0	0.00			
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER	120.	2	0	0.00				1	0	0.00	1	0	0.00			
	Fresh Acute	5000.	2	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: CANY0203

NPS Station ID: CANY0203 LAT/LON: 38.245892/-109.986699

Location: S FK HORSE CYN SPG 1 MI NE OF MAZE OVERLOOK

Station Type: /TYPA/AMBNT/SPRING

RMI-Indexes:

RMI-Miles:

HUC: 14060008

Major Basin: COLORADO RIVER

Minor Basin: UPPER COLORADO RIVER

RF1 Index: 14060008

RF3 Index: 14070004002901.17

Depth of Water: 0

Elevation: 0

RF1 Mile Point: 0.000

RF3 Mile Point: 2.36

Agency: 11NPSWRD

FIPS State/County: 49055 UTAH/WAYNE

STORET Station ID(s): CANY_NPS_599549/SF7 /599549

Within Park Boundary: Yes

Date Created: 05/22/99

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 0.80

Distance from RF3: 0.11

On/Off RF1:

On/Off RF3:

Description:

THE STATION IS LOCATED ON THE SPANISH BOTTOM UTAH 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. LOWER SOUTH FORK IS A WASH SPRING AND IS LOCATED INSIDE THE CANYONLANDS NATIONAL PARK BOUNDARY. THE SAMPLES WERE COLLECTED AND ANALYZED BY NATIONAL PARK SERVICE PERSONNEL. THE MONITORING BEGAN IN RESPONSE TO A PROPOSED SITING OF A NUCLEAR WASTE REPOSITORY NEAR THE PARK AS STATED BY B. LONG AND R. SMITH IN THE REPORT "WATER QUALITY DATA ANALYSIS AND INTERPRETATION FOR SPRING MONITORING SITES SOUTHEAST UTAH GROUP" (AUGUST 1996). THE INITIAL MONITORING OBJECTIVES WERE TO ESTABLISH A BASELINE DATABASE; DETECT POTENTIAL CHANGES; AND IDENTIFY AREAS OF CONCERN. THE UTAH DEPARTMENT OF ENVIRONMENTAL QUALITY ANALYZED THE SAMPLES IN A COOPERATIVE EFFORT WITH THE PARK SERVICE BEGINNING 10/25/1990. THESE DATA CAN BE FOUND UNDER THE STATION 599549. DATA WERE PROCESSED AND UPLOADED TO STORET BY LISA DUMMER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: CANY0203

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/06/85-05/08/90	7	15.5	15.443	18.3	11.3	6.65	2.579	**	**	**	**
00090 OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	05/08/90-05/08/90	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00094 SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	06/06/85-05/08/90	7	809.	817.857	918.	747.	4194.143	64.762	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	06/06/85-05/08/90	7	2.2	3.029	8.3	0.8	8.086	2.844	**	**	**	**
00400 PH (STANDARD UNITS)	06/06/85-05/08/90	7	6.75	5.72	7.3	3.5	2.812	1.677	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	06/06/85-05/08/90	7	6.75	4.169	7.3	3.5	5.618	2.37	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/06/85-05/08/90	7	0.178	67.739	316.228	0.05	14121.569	118.834	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	06/06/85-10/08/89	7	340.	327.429	393.	270.	2895.286	53.808	**	**	**	**
00480 SALINITY - PARTS PER THOUSAND	05/08/90-05/08/90	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	06/06/85-05/08/90	8 ##	0.05	0.079	0.18	0.05	0.003	0.054	**	**	**	**
00655 PHOSPHATE, POLY (MG/L AS PO4)	06/06/85-05/08/90	8	1.4	3.188	17.5	0.4	33.924	5.824	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	06/06/85-05/08/90	7	420.	438.143	530.	359.	3913.143	62.555	**	**	**	**
00940 CHLORIDE, TOTAL IN WATER MG/L	04/30/88-05/08/90	5	106.	121.4	182.	99.	1175.8	34.29	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	06/06/85-05/08/90	8	105.	164.125	584.	56.	30236.125	173.885	**	**	**	**
01042 COPPER, TOTAL (UG/L AS CU)	06/06/85-05/08/90	8 ##	50.	97.5	280.	50.	8192.857	90.514	**	**	**	**
01045 IRON, TOTAL (UG/L AS FE)	06/06/85-05/08/90	8	140.	165.	400.	50.	16457.143	128.285	**	**	**	**
01055 MANGANESE, TOTAL (UG/L AS MN)	06/06/85-05/08/90	7	300.	301.429	500.	180.	13880.952	117.817	**	**	**	**
31501 COLIFORM, TOT, MEMBRANE FILTER, IMMED. M-ENDO MED, 35C	09/28/86-05/04/89	2 ##	25.	25.	50.	0.	1250.	35.355	**	**	**	**
31501 LOG COLIFORM, TOT, MEMBRANE FILTER, IMMED. M-ENDO MED,	09/28/86-05/04/89	2 ##	0.849	0.849	1.699	0.	1.443	1.201	**	**	**	**

** - 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

Parameter Inventory for Station: CANY0203

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501 GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			7.071								
31616 FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/04/89-05/04/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
31616 LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/04/89-05/04/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
31616 GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.								

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

EPA Water Quality Criteria Analysis for Station: CANY0203

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	7	5	0.71	2	1	0.50				4	3	0.75	1	1	1.00
00400 PH	Fresh Chronic	9.	7	0	0.00	2	0	0.00				4	0	0.00	1	0	0.00
	Other-Lo Lim.	6.5	7	3	0.43	2	1	0.50				4	1	0.25	1	1	1.00
00620 NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	8	0	0.00	3	0	0.00				4	0	0.00	1	0	0.00
00940 CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	5	0	0.00	2	0	0.00				3	0	0.00			
	Drinking Water	250.	5	0	0.00	2	0	0.00				3	0	0.00			
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	250.	8	1	0.13	3	0	0.00				4	1	0.25	1	0	0.00
01042 COPPER, TOTAL	Fresh Acute	18.	2 &	2	1.00							1	1	1.00	1	1	1.00
	Drinking Water	1300.	8	0	0.00	3	0	0.00				4	0	0.00	1	0	0.00
31501 COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	0	0.00	1	0	0.00				1	0	0.00			
31616 FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: CANY0204

NPS Station ID: CANY0204	LAT/LON: 38.247167/-109.537500	Agency: 21UTAH	Date Created: / /
Location: RESERVOIR ON THREE MILE CK (FIELD #4)		FIPS State/County: 49037 UTAH/SAN JUAN	
Station Type: /TYP/A/AMBNT/LAKE		STORET Station ID(s): 495662	
RMI-Indexes:		Within Park Boundary: No	
RMI-Miles:			
HUC: 14030005	Depth of Water: 0	Aquifer:	
Major Basin:	Elevation: 0	Water Body Id:	
Minor Basin:		ECO Region:	
RF1 Index:	RF1 Mile Point: 0.000	Distance from RF1: 21.30	On/Off RF1:
RF3 Index: 14030005057200.00	RF3 Mile Point: 2.00	Distance from RF3: 0.40	On/Off RF3:
Description:			

Parameter Inventory for Station: CANY0204

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01167 SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	09/21/87-09/21/87	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: CANY0204

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
01167 SELENIUM, ACID SOLUBLE, WATER, WHOLE	Fresh Acute	20.	1	0	0.00	1	0	0.00									
	Drinking Water	50.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: CANY0205

NPS Station ID: CANY0205
 Location: SLCH034R
 Station Type: /TYP/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 14060008
 Major Basin: COLORADO RIVER
 Minor Basin: GREEN RIVER
 RF1 Index: 14060008
 RF3 Index: 14070004002901.17
 Description:

LAT/LON: 38.255003/-110.046503

Depth of Water: 0
 Elevation: 0

RF1 Mile Point: 0.000
 RF3 Mile Point: 2.36

Agency: 11NPSWRD
 FIPS State/County: 49055 UTAH/WAYNE
 STORET Station ID(s): CANY_NURE_03 /5084238
 Within Park Boundary: Yes

Date Created: 01/30/99

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.80
 Distance from RF3: 0.11

On/Off RF1:
 On/Off RF3:

THE STATION IS LOCATED ON THE CLEOPATRAS CHAIR UTAH 7.5 MINUTE (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT A STREAM AND IS INSIDE OF THE CANYONLANDS NATIONAL PARK. EACH SAMPLE WAS FILTERED THROUGH A LESS THAN OR EQUAL TO 0.8 UM FILTER 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 STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "SRLID" ENTRY (SAVANNAH RIVER LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY SAVANNAH RIVER LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY LISA DUMMER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: CANY0205

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/30/79-05/30/79	1	22.	22.	22.	22.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/30/79-05/30/79	1	10000.	10000.	10000.	10000.	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	05/30/79-05/30/79	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	05/30/79-05/30/79	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/30/79-05/30/79	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	05/30/79-05/30/79	1	120.	120.	120.	120.	0.	0.	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS NA)	05/30/79-05/30/79	1	805.2	805.2	805.2	805.2	0.	0.	**	**	**	**
01085 VANADIUM, DISSOLVED (UG/L AS V)	05/30/79-05/30/79	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
01106 ALUMINUM, DISSOLVED (UG/L AS AL)	05/30/79-05/30/79	1	3560.	3560.	3560.	3560.	0.	0.	**	**	**	**
22703 URANIUM, NATURAL, DISSOLVED	05/30/79-05/30/79	1	25.08	25.08	25.08	25.08	0.	0.	**	**	**	**
50760 CHLORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	05/30/79-05/30/79	1	761000.	761000.	761000.	761000.	0.	0.	**	**	**	**
50761 BROMINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	05/30/79-05/30/79	1	40560.	40560.	40560.	40560.	0.	0.	**	**	**	**
82331 DYSPROSIUM, DISSOLVED AS DY IN WATER UG/L	05/30/79-05/30/79	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: CANY0205

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
							Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	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	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: CANY0206

NPS Station ID: CANY0206 LAT/LON: 38.264171/-109.982782

Location: JUNCTION SPG IN HORSE CYN 1 MI S OF EKKER B.

Station Type: /TYPA/AMBNT/SPRING

RMI-Indexes:

RMI-Miles:

HUC: 14060008

Major Basin: COLORADO RIVER

Minor Basin: UPPER COLORADO RIVER

RF1 Index: 14060008

RF3 Index: 14070004002901.17

Description:

THE STATION IS LOCATED ON THE TURKS HEAD UTAH 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. JUNCTION SPRING IS LOCATED INSIDE THE CANYONLANDS NATIONAL PARK BOUNDARY. THE SAMPLES WERE COLLECTED AND ANALYZED BY NATIONAL PARK SERVICE PERSONNEL. THE MONITORING BEGAN IN RESPONSE TO A PROPOSED SITING OF A NUCLEAR WASTE REPOSITORY NEAR THE PARK AS STATED BY B. LONG AND R. SMITH IN THE REPORT "WATER QUALITY DATA ANALYSIS AND INTERPRETATION FOR SPRING MONITORING SITES SOUTHEAST UTAH GROUP" (AUGUST 1996). THE INITIAL MONITORING OBJECTIVES WERE TO ESTABLISH A BASELINE DATABASE; DETECT POTENTIAL CHANGES; AND IDENTIFY AREAS OF CONCERN. THE UTAH DEPARTMENT OF ENVIRONMENTAL QUALITY ANALYZED THE SAMPLES IN A COOPERATIVE EFFORT WITH THE PARK SERVICE BEGINNING 10/25/1990. THESE DATA CAN BE FOUND UNDER THE STATION 599556. DATA WERE PROCESSED AND UPLOADED TO STORET BY LISA DUMMER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Agency: 11NPSWRD

FIPS State/County: 49055 UTAH/WAYNE

STORET Station ID(s): CANY_NPS_599556/HC1 /599556

Within Park Boundary: Yes

Date Created: 05/22/99

Depth of Water: 0

Elevation: 0

RF1 Mile Point: 0.000

RF3 Mile Point: 2.36

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 0.80

Distance from RF3: 0.11

On/Off RF1:

On/Off RF3:

Parameter Inventory for Station: CANY0206

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/01/84-05/08/90	10	20.55	21.78	31.8	17.1	18.768	4.332	17.25	18.825	24.25	31.12
00059 FLOW, RATE, INSTANTANEOUS GALLONS/MIN	09/29/86-04/22/87	2	34.98	34.98	65.7	4.26	1887.437	43.445	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	09/29/86-04/22/87	2	0.055	0.055	0.1	0.009	0.004	0.064	**	**	**	**
00090 OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	05/08/90-05/08/90	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
00094 SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	06/06/85-05/08/90	9	924.	600.222	1078.	101.	219087.944	468.068	101.	107.	1015.	1078.
00300 OXYGEN, DISSOLVED MG/L	10/01/84-05/08/90	9	7.6	7.7	10.3	6.1	1.645	1.283	6.1	6.75	8.45	10.3
00400 PH (STANDARD UNITS)	10/01/84-05/08/90	10	7.75	7.695	8.25	7.	0.187	0.432	7.01	7.325	8.125	8.245
00400 CONVERTED PH (STANDARD UNITS)	10/01/84-05/08/90	10	7.747	7.5	8.25	7.	0.229	0.479	7.01	7.325	8.125	8.245
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/01/84-05/08/90	10	0.018	0.032	0.1	0.006	0.001	0.033	0.006	0.008	0.05	0.098
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	10/01/84-10/08/89	8	215.	199.313	274.	8.5	6819.21	82.579	**	**	**	**
00480 SALINITY - PARTS PER THOUSAND	05/08/90-05/08/90	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	10/01/84-05/08/90	9 ##	0.05	0.057	0.11	0.05	0.	0.02	0.05	0.05	0.05	0.11
00655 PHOSPHATE, POLY (MG/L AS PO4)	10/01/84-05/08/90	9	0.6	1.806	9.9	0.05	10.035	3.168	0.05	0.05	2.3	9.9
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	10/01/84-05/08/90	8	554.	543.	640.	440.	4114.857	64.147	**	**	**	**
00940 CHLORIDE, TOTAL IN WATER MG/L	06/06/85-05/08/90	5	106.	97.3	152.	0.5	3970.95	63.015	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	10/01/84-05/08/90	9	115.	183.556	547.	74.	24684.528	157.113	74.	80.	266.	547.
01042 COPPER, TOTAL (UG/L AS CU)	10/01/84-05/08/90	9 ##	50.	158.889	800.	50.	60336.111	245.634	50.	50.	165.	800.
01045 IRON, TOTAL (UG/L AS FE)	10/01/84-05/08/90	9 ##	50.	91.111	180.	50.	3811.111	61.734	50.	50.	170.	180.
01055 MANGANESE, TOTAL (UG/L AS MN)	10/01/84-05/08/90	8 ##	115.	182.5	600.	50.	36907.143	192.112	**	**	**	**

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

Parameter Inventory for Station: CANY0206

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501 COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/29/86-05/04/89	2 ##	175.	175.	350.	0.	61250.	247.487	**	**	**	**
31501 LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/29/86-05/04/89	2 ##	1.272	1.272	2.544	0.	3.236	1.799	**	**	**	**
31501 GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			18.708								
31616 FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/04/89-05/04/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
31616 LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/04/89-05/04/89	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
31616 GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.								

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

EPA Water Quality Criteria Analysis for Station: CANY0206

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	9	0	0.00	3	0	0.00				5	0	0.00	1	0	0.00
00400 PH	Fresh Chronic	9.	10	0	0.00	3	0	0.00	1	0	0.00	5	0	0.00	1	0	0.00
	Other-Lo Lim.	6.5	10	0	0.00	3	0	0.00	1	0	0.00	5	0	0.00	1	0	0.00
00620 NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	9	0	0.00	3	0	0.00	1	0	0.00	4	0	0.00	1	0	0.00
00940 CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	5	0	0.00	1	0	0.00				3	0	0.00	1	0	0.00
	Drinking Water	250.	5	0	0.00	1	0	0.00				3	0	0.00	1	0	0.00
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	250.	9	2	0.22	3	1	0.33	1	0	0.00	4	1	0.25	1	0	0.00
01042 COPPER, TOTAL	Fresh Acute	18.	3 &	3	1.00							2	2	1.00	1	1	1.00
	Drinking Water	1300.	9	0	0.00	3	0	0.00	1	0	0.00	4	0	0.00	1	0	0.00
31501 COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	0	0.00	1	0	0.00				1	0	0.00			
31616 FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1	0	0.00							1	0	0.00			

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

Station Inventory for Station: CANY0207

NPS Station ID: CANY0207 LAT/LON: 38.264167/-109.982667
 Location: JUNCTION SPG IN HORSE CANYON 1 MI S OF EKKER B.
 Station Type: /TYPA/AMBNT/SPRING

RMI-Indexes:

RMI-Miles:

HUC: 14060008

Major Basin:

Minor Basin:

RF1 Index:

RF3 Index: 14060008012400.00

Description:

WATER QUALITY STATION IS LOCATED IN CANYONLANDS NP. THIS PARK IS MANAGED BY THE NATIONAL PARK SERVICE'S SOUTHEAST UTAH GROUP. WATER SAMPLES WERE COLLECTED BY CANYONLANDS NATIONAL PARK NATURAL RESOURCE MANAGEMENT STAFF (125 W. 200 S.; MOAB UT 84532; TELEPHONE: 435-259-3911); ANALYZED BY THE UTAH DEPARTMENT OF HEALTH LABORATORY; AND ULOADED INTO STORET BY THE UTAH DEPARTMENT OF ENVIRONMENTAL QUALITY - DIVISION OF WATER QUALITY. DATA COLLECTED AT THE SAME LOCATION PRIOR TO 10/25/1990 CAN BE FOUND AT STATION CANY_NPS_599556.

Agency: 21UTAH

FIPS State/County: 49055 UTAH/WAYNE

STORET Station ID(s): 599556

Within Park Boundary: Yes

Date Created: / /

Depth of Water: 0

Elevation: 0

RF1 Mile Point: 0.000

RF3 Mile Point: 6.37

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 21.10

Distance from RF3: 0.01

On/Off RF1:

On/Off RF3:

Parameter Inventory for Station: CANY0207

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/25/90-05/03/92	4	22.9	22.7	28.1	16.9	38.3	6.189	**	**	**	**
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/27/91-05/03/92	2	31.1	31.1	32.	30.2	1.62	1.273	**	**	**	**
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/25/90-05/03/92	4	2.4	3.058	7.	0.43	8.577	2.929	**	**	**	**
00094 SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/25/90-05/03/92	3	975.	710.	990.	165.	222825.	472.043	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/25/90-05/03/92	4	1044.5	1042.75	1054.	1028.	118.25	10.874	**	**	**	**
00191 HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	10/25/90-05/03/92	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	10/25/90-05/03/92	4	7.55	7.65	8.2	7.3	0.19	0.436	**	**	**	**
00400 PH (STANDARD UNITS)	10/25/90-05/03/92	4	7.95	7.925	8.	7.8	0.009	0.096	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	10/25/90-05/03/92	4	7.947	7.917	8.	7.8	0.009	0.096	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/25/90-05/03/92	4	0.011	0.012	0.016	0.01	0.	0.003	**	**	**	**
00405 CARBON DIOXIDE (MG/L AS CO2)	10/25/90-05/03/92	4	3.	3.5	5.	3.	1.	1.	**	**	**	**
00406 PH, FIELD, STANDARD UNITS SU	10/25/90-05/03/92	4	7.85	7.925	8.3	7.7	0.069	0.263	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS	10/25/90-05/03/92	4	7.847	7.874	8.3	7.7	0.073	0.269	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/25/90-05/03/92	4	0.014	0.013	0.02	0.005	0.	0.006	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	10/25/90-05/03/92	4	191.5	183.75	197.	155.	378.25	19.449	**	**	**	**
00440 BICARBONATE ION (MG/L AS HCO3)	10/25/90-05/03/92	4	233.5	224.25	240.	190.	538.917	23.215	**	**	**	**
00445 CARBONATE ION (MG/L AS CO3)	10/25/90-05/03/92	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/25/90-05/03/92	4	5.	20.	70.	0.	1117.333	33.427	**	**	**	**
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/25/90-05/03/92	4 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00613 NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/25/90-10/25/90	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00618 NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/25/90-10/25/90	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/25/90-05/03/92	4 ##	0.05	0.063	0.1	0.05	0.001	0.025	**	**	**	**
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/27/91-09/27/91	1	0.026	0.026	0.026	0.026	0.	0.	**	**	**	**
00631 NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/14/91-05/03/92	3	0.051	0.05	0.056	0.044	0.	0.006	**	**	**	**
00665 PHOSPHORUS, TOTAL (MG/L AS P)	10/25/90-05/03/92	4 ##	0.005	0.006	0.01	0.005	0.	0.003	**	**	**	**
00666 PHOSPHORUS, DISSOLVED (MG/L AS P)	10/25/90-05/03/92	4 ##	0.005	0.008	0.017	0.005	0.	0.006	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	10/25/90-05/03/92	4	485.55	477.675	495.5	444.1	553.389	23.524	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	10/25/90-05/03/92	4	93.	92.5	100.	84.	59.667	7.724	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	10/25/90-05/03/92	4	60.	60.	63.	57.	6.667	2.582	**	**	**	**

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

Parameter Inventory for Station: CANY0207

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/25/90-05/03/92	4	42.	41.75	42.	41.	0.25	0.5	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/25/90-05/03/92	4	9.95	9.725	10.	9.	0.236	0.486	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/25/90-05/03/92	4	20.7	20.725	21.4	20.1	0.309	0.556	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	10/25/90-05/03/92	4	363.915	361.958	380.	340.	296.461	17.218	**	**	**
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	10/25/90-05/03/92	4 ##	2.5	2.	2.5	0.5	1.	1.	**	**	**
61027	ANIONS, SUM, TOTAL IN WATER MG/L	09/27/91-05/03/92	2	492.5	492.5	494.	491.	4.5	2.121	**	**	**
61944	CATIONS, SUM, TOTAL IN WATER, MG/L	09/27/91-05/03/92	2	207.	207.	211.	203.	32.	5.657	**	**	**
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	10/25/90-05/03/92	4	765.	762.5	774.	746.	145.	12.042	**	**	**
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/25/90-05/03/92	4 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	10/25/90-05/03/92	4	0.048	0.055	0.089	0.035	0.001	0.024	**	**	**
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/25/90-05/03/92	4 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/25/90-05/03/92	4 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/25/90-05/03/92	4 ##	10.	10.	10.	10.	0.	0.	**	**	**
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	10/25/90-05/03/92	4	0.049	0.042	0.061	0.01	0.	0.022	**	**	**
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/25/90-05/03/92	4 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/25/90-05/03/92	4	42.	68.75	170.	21.	4654.25	68.222	**	**	**
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/25/90-05/03/92	4 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/25/90-05/03/92	4 ##	1.	1.	1.	1.	0.	0.	**	**	**
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/25/90-05/03/92	4 ##	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: CANY0207

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
00400	PH	Fresh Chronic	9.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
		Other-Lo Lim.	6.5	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
00406	PH, FIELD	Fresh Chronic	9.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
		Other-Lo Lim.	6.5	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1	0	0.00				1	0	0.00					
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00				1	0	0.00					
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00								
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	3	0	0.00	1	0	0.00			2	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
		Drinking Water	250.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	4	4	1.00	1	1	1.00	1	1	1.00	2	2	1.00		
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE	Fresh Acute	20.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
		Drinking Water	50.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	360.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
		Drinking Water	50.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER	Drinking Water	2.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	3.9	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
		Drinking Water	5.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WAT	Drinking Water	100.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	18.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
		Drinking Water	1300.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	82.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
		Drinking Water	15.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	2.4	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
		Drinking Water	2.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	4.1	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
		Drinking Water	100.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	120.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
		Drinking Water	5000.	4	0	0.00	1	0	0.00	1	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: CANY0208

NPS Station ID: CANY0208
 Location: BURRO SEEP T29S R16E S20 SE1/4 NE1/4
 Station Type: /TYPA/AMBNT/SPRING
 RMI-Indexes:
 RMI-Miles:
 HUC: 14060008
 Major Basin:
 Minor Basin:
 RF1 Index:
 RF3 Index: 14070004002901.17
 Description:

LAT/LON: 38.276000/-110.180500

Depth of Water: 0
 Elevation: 0

RF1 Mile Point: 0.000
 RF3 Mile Point: 2.36

Agency: 21UTAH
 FIPS State/County: 49055 UTAH/WAYNE
 STORET Station ID(s): 599263
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.80
 Distance from RF3: 0.11

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: CANY0208

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/14/80-11/14/80	1	3.	3.	3.	0.	0.	**	**	**	**
00058	FLOW, RATE GALLONS/MIN	11/14/80-11/14/80	1	0.83	0.83	0.83	0.83	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	11/14/80-04/24/81	2	610.	610.	850.	370.	115200.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	11/14/80-11/14/80	1	6.3	6.3	6.3	6.3	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	11/14/80-04/24/81	2	8.425	8.425	8.75	8.1	0.211	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	11/14/80-04/24/81	2	8.313	8.313	8.75	8.1	0.236	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/14/80-04/24/81	2	0.005	0.005	0.008	0.002	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	11/14/80-04/24/81	2	218.5	218.5	242.	195.	1104.5	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	11/14/80-04/24/81	2	266.57	266.57	295.24	237.9	1643.938	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	11/14/80-04/24/81	2	0.32	0.32	0.42	0.22	0.02	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/14/80-04/24/81	2 ##	0.02	0.02	0.04	0.001	0.001	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS Ca)	11/14/80-04/24/81	2	46.	46.	52.	40.	72.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	11/14/80-04/24/81	2	43.61	43.61	66.72	20.5	1068.144	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS Na)	11/14/80-04/24/81	2	21.75	21.75	37.5	6.	496.125	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	11/14/80-04/24/81	2	3.635	3.635	5.6	1.67	7.722	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	11/14/80-04/24/81	2	45.635	45.635	86.	5.27	3258.666	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	11/14/80-04/24/81	2	62.	62.	118.	6.	6272.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SiO2)	11/14/80-04/24/81	2	9.2	9.2	10.	8.4	1.28	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	11/14/80-04/24/81	2 ##	0.75	0.75	1.	0.5	0.125	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	11/14/80-04/24/81	2 ##	0.75	0.75	1.	0.5	0.125	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	11/14/80-04/24/81	2 ##	0.5	0.5	0.5	0.5	0.	**	**	**	**
01037	COBALT, TOTAL (UG/L AS CO)	11/14/80-04/24/81	2 ##	9.25	9.25	18.	0.5	153.125	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	11/14/80-04/24/81	2 ##	5.25	5.25	10.	0.5	45.125	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	11/14/80-04/24/81	2 ##	4.75	4.75	9.	0.5	36.125	**	**	**	**
01062	MOLYBDENUM, TOTAL (UG/L AS MO)	11/14/80-04/24/81	2 ##	0.5	0.5	0.5	0.5	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	11/14/80-04/24/81	2 ##	0.5	0.5	0.5	0.5	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	11/14/80-04/24/81	2	16.5	16.5	30.	3.	364.5	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	11/14/80-04/24/81	2 ##	0.5	0.5	0.5	0.5	0.	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/14/80-11/14/80	1	2.	2.	2.	2.	0.	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/14/80-11/14/80	1	0.301	0.301	0.301	0.301	0.	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =		2.	2.							
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	11/14/80-04/24/81	2	360.	360.	520.	200.	51200.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	11/14/80-04/24/81	2 ##	0.1	0.1	0.1	0.1	0.	**	**	**	**
82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	11/14/80-04/24/81	2 ##	500.	500.	500.	500.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0208

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00				1	0	0.00						
00406 PH, FIELD	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			
00620 NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00				1	0	0.00	1	0	0.00			
00941 CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	250.	2	0	0.00				1	0	0.00	1	0	0.00			
00946 SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	2	0	0.00				1	0	0.00	1	0	0.00			
01002 ARSENIC, TOTAL	Fresh Acute	360.	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	50.	2	0	0.00				1	0	0.00	1	0	0.00			
01027 CADMIUM, TOTAL	Fresh Acute	3.9	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	5.	2	0	0.00				1	0	0.00	1	0	0.00			
01034 CHROMIUM, TOTAL	Drinking Water	100.	2	0	0.00				1	0	0.00	1	0	0.00			
01042 COPPER, TOTAL	Fresh Acute	18.	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	1300.	2	0	0.00				1	0	0.00	1	0	0.00			
01051 LEAD, TOTAL	Fresh Acute	82.	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	15.	2	0	0.00				1	0	0.00	1	0	0.00			
01067 NICKEL, TOTAL	Fresh Acute	1400.	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	100.	2	0	0.00				1	0	0.00	1	0	0.00			
01092 ZINC, TOTAL	Fresh Acute	120.	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	5000.	2	0	0.00				1	0	0.00	1	0	0.00			
01147 SELENIUM, TOTAL	Fresh Acute	20.	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	50.	2	0	0.00				1	0	0.00	1	0	0.00			
31506 COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	1	0	0.00				1	0	0.00						
71900 MERCURY, TOTAL	Fresh Acute	2.4	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	2.	2	0	0.00				1	0	0.00	1	0	0.00			

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

Station Inventory for Station: CANY0209

NPS Station ID: CANY0209
 Location: WILDCAT SPRING T29S R15E S13 SW1/4 SW1/4
 Station Type: /TYPA/AMBNT/SPRING
 RMI-Indexes:
 RMI-Miles:
 HUC: 14060008
 Major Basin:
 Minor Basin:
 RF1 Index:
 RF3 Index: 14070004002901.17
 Description:

LAT/LON: 38.283833/-110.233500

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 2.36

Agency: 21UTAH
 FIPS State/County: 49055 UTAH/WAYNE
 STORET Station ID(s): 599261
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.80
 Distance from RF3: 0.11

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: CANY0209

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/13/80-04/24/81	2	9.25	9.25	11.5	7.	10.125	3.182	**	**	**
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	11/13/80-04/24/81	2	645.	645.	690.	600.	4050.	63.64	**	**	**
00300	OXYGEN, DISSOLVED MG/L	11/13/80-04/24/81	2	4.55	4.55	5.4	3.7	1.445	1.202	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	11/13/80-04/24/81	2	8.	8.	8.3	7.7	0.18	0.424	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	11/13/80-04/24/81	2	7.904	7.904	8.3	7.7	0.199	0.446	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/13/80-04/24/81	2	0.012	0.012	0.02	0.005	0.	0.011	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	11/13/80-04/24/81	2	310.	310.	330.	290.	800.	28.284	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	11/13/80-04/24/81	2	377.8	377.8	402.6	353.	1230.08	35.072	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	11/13/80-04/24/81	2 ##	0.013	0.013	0.02	0.005	0.	0.011	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/13/80-04/24/81	2	0.07	0.07	0.1	0.04	0.002	0.042	**	**	**
00916	CALCIUM, TOTAL (MG/L AS Ca)	11/13/80-04/24/81	2	66.8	66.8	69.6	64.	15.68	3.96	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	11/13/80-04/24/81	2	42.92	42.92	46.	39.84	18.973	4.356	**	**	**
00929	SODIUM, TOTAL (MG/L AS Na)	11/13/80-04/24/81	2	15.25	15.25	16.	14.5	1.125	1.061	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	11/13/80-04/24/81	2	3.03	3.03	3.22	2.84	0.072	0.269	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	11/13/80-04/24/81	2	25.65	25.65	32.	19.3	80.645	8.98	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	11/13/80-04/24/81	2	33.75	33.75	37.5	30.	28.125	5.303	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SiO2)	11/13/80-04/24/81	2	10.95	10.95	12.9	9.	7.605	2.758	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	11/13/80-04/24/81	2 ##	0.75	0.75	1.	0.5	0.125	0.354	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	11/13/80-04/24/81	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	11/13/80-04/24/81	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
01037	COBALT, TOTAL (UG/L AS CO)	11/13/80-04/24/81	2	6.	6.	8.	4.	8.	2.828	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	11/13/80-04/24/81	2 ##	10.25	10.25	20.	0.5	190.125	13.789	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	11/13/80-04/24/81	2 ##	1.25	1.25	2.	0.5	1.125	1.061	**	**	**
01062	MOLYBDENUM, TOTAL (UG/L AS MO)	11/13/80-04/24/81	2 ##	8.25	8.25	16.	0.5	120.125	10.96	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	11/13/80-04/24/81	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	11/13/80-04/24/81	2	7.5	7.5	10.	5.	12.5	3.536	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	11/13/80-04/24/81	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/13/80-04/24/81	2	501.	501.	1000.	2.	498002.	705.693	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/13/80-04/24/81	2	1.651	1.651	3.	0.301	3.642	1.908	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/13/80-04/24/81	2	44.721	44.721							
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	11/13/80-04/24/81	2	381.5	381.5	388.	375.	84.5	9.192	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	11/13/80-04/24/81	2 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**
82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	11/13/80-04/24/81	2 ##	500.	500.	500.	500.	0.	0.	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0209

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	1	0.50				1	1	1.00	1	0	0.00			
00406 PH, FIELD	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			
00620 NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00				1	0	0.00	1	0	0.00			
00941 CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	250.	2	0	0.00				1	0	0.00	1	0	0.00			
00946 SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	2	0	0.00				1	0	0.00	1	0	0.00			
01002 ARSENIC, TOTAL	Fresh Acute	360.	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	50.	2	0	0.00				1	0	0.00	1	0	0.00			
01027 CADMIUM, TOTAL	Fresh Acute	3.9	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	5.	2	0	0.00				1	0	0.00	1	0	0.00			
01034 CHROMIUM, TOTAL	Drinking Water	100.	2	0	0.00				1	0	0.00	1	0	0.00			
01042 COPPER, TOTAL	Fresh Acute	18.	2	1	0.50				1	0	0.00	1	1	1.00			
	Drinking Water	1300.	2	0	0.00				1	0	0.00	1	0	0.00			
01051 LEAD, TOTAL	Fresh Acute	82.	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	15.	2	0	0.00				1	0	0.00	1	0	0.00			
01067 NICKEL, TOTAL	Fresh Acute	1400.	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	100.	2	0	0.00				1	0	0.00	1	0	0.00			
01092 ZINC, TOTAL	Fresh Acute	120.	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	5000.	2	0	0.00				1	0	0.00	1	0	0.00			
01147 SELENIUM, TOTAL	Fresh Acute	20.	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	50.	2	0	0.00				1	0	0.00	1	0	0.00			
31506 COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	2	1	0.50				1	0	0.00	1	1	1.00			
71900 MERCURY, TOTAL	Fresh Acute	2.4	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	2.	2	0	0.00				1	0	0.00	1	0	0.00			

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

Station Inventory for Station: CANY0210

NPS Station ID: CANY0210
 Location: TRAIL SPRING T29S R15E S14 NW1/4 SE1/4
 Station Type: /TYP/AMBNT/SPRING
 RMI-Indexes:
 RMI-Miles:
 HUC: 14060008
 Major Basin:
 Minor Basin:
 RF1 Index:
 RF3 Index: 14070004002901.17
 Description:

LAT/LON: 38.288000/-110.242167

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 2.36

Agency: 21UTAH
 FIPS State/County: 49055 UTAH/WAYNE
 STORET Station ID(s): 599262
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.80
 Distance from RF3: 0.11

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: CANY0210

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/13/80-04/24/81	2	8.75	8.75	11.	6.5	10.125	3.182	**	**	**	**
00058 FLOW, RATE GALLONS/MIN	11/13/80-04/24/81	2	0.35	0.35	0.51	0.19	0.051	0.226	**	**	**	**
00094 SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	11/13/80-04/24/81	2	340.	340.	370.	310.	1800.	42.426	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	11/13/80-04/24/81	2	5.55	5.55	8.4	2.7	16.245	4.031	**	**	**	**
00406 PH, FIELD, STANDARD UNITS SU	11/13/80-04/24/81	2	8.4	8.4	9.	7.8	0.72	0.849	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS	11/13/80-04/24/81	2	8.074	8.074	9.	7.8	0.932	0.965	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/13/80-04/24/81	2	0.008	0.008	0.016	0.001	0.	0.01	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	11/13/80-04/24/81	2	161.5	161.5	195.	128.	2244.5	47.376	**	**	**	**
00440 BICARBONATE ION (MG/L AS HCO3)	11/13/80-04/24/81	2	197.03	197.03	237.9	156.16	3340.714	57.799	**	**	**	**
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	11/13/80-04/24/81	2 ##	0.233	0.233	0.46	0.005	0.104	0.322	**	**	**	**
00665 PHOSPHORUS, TOTAL (MG/L AS P)	11/13/80-04/24/81	2	0.1	0.1	0.11	0.09	0.	0.014	**	**	**	**
00916 CALCIUM, TOTAL (MG/L AS Ca)	11/13/80-04/24/81	2	37.6	37.6	48.	27.2	216.32	14.708	**	**	**	**
00927 MAGNESIUM, TOTAL (MG/L AS MG)	11/13/80-04/24/81	2	16.34	16.34	19.68	13.	22.311	4.723	**	**	**	**
00929 SODIUM, TOTAL (MG/L AS Na)	11/13/80-04/24/81	2	5.15	5.15	5.2	5.1	0.005	0.071	**	**	**	**
00937 POTASSIUM, TOTAL MG/L AS K)	11/13/80-04/24/81	2	10.95	10.95	12.3	9.6	3.645	1.909	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	11/13/80-04/24/81	2	7.375	7.375	10.	4.75	13.781	3.712	**	**	**	**
00946 SULFATE, DISSOLVED (MG/L AS SO4)	11/13/80-04/24/81	2 ##	13.25	13.25	25.	1.5	276.125	16.617	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SiO2)	11/13/80-04/24/81	2	6.05	6.05	7.3	4.8	3.125	1.768	**	**	**	**
01002 ARSENIC, TOTAL (UG/L AS AS)	11/13/80-04/24/81	2	3.5	3.5	4.	3.	0.5	0.707	**	**	**	**
01027 CADMIUM, TOTAL (UG/L AS CD)	11/13/80-04/24/81	2 ##	1.75	1.75	3.	0.5	3.125	1.768	**	**	**	**
01034 CHROMIUM, TOTAL (UG/L AS CR)	11/13/80-04/24/81	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01037 COBALT, TOTAL (UG/L AS CO)	11/13/80-04/24/81	2 ##	3.25	3.25	6.	0.5	15.125	3.889	**	**	**	**
01042 COPPER, TOTAL (UG/L AS CU)	11/13/80-04/24/81	2 ##	5.25	5.25	10.	0.5	45.125	6.718	**	**	**	**
01051 LEAD, TOTAL (UG/L AS PB)	11/13/80-04/24/81	2 ##	0.75	0.75	1.	0.5	0.125	0.354	**	**	**	**
01062 MOLYBDENUM, TOTAL (UG/L AS MO)	11/13/80-04/24/81	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01067 NICKEL, TOTAL (UG/L AS NI)	11/13/80-04/24/81	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01092 ZINC, TOTAL (UG/L AS ZN)	11/13/80-04/24/81	2	7.	7.	11.	3.	32.	5.657	**	**	**	**
01147 SELENIUM, TOTAL (UG/L AS SE)	11/13/80-04/24/81	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31506 COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/13/80-04/24/81	2	135.	135.	135.	135.	0.	0.	**	**	**	**
31506 LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/13/80-04/24/81	2	2.13	2.13	2.13	2.13	0.	0.	**	**	**	**
31506 GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			135.								
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	11/13/80-04/24/81	2	187.	187.	199.	175.	288.	16.971	**	**	**	**
71900 MERCURY, TOTAL (UG/L AS HG)	11/13/80-04/24/81	2 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82298 BROMIDE DISSOLVED AS BR IN WATER UG/L	11/13/80-04/24/81	2 ##	500.	500.	500.	500.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0210

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	1	0.50				1	1	1.00	1	0	0.00			
00406 PH, FIELD	Fresh Chronic	9.	2	1	0.50				1	0	0.00	1	1	1.00			
	Other-Lo Lim.	6.5	2	0	0.00				1	0	0.00	1	0	0.00			
00620 NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00				1	0	0.00	1	0	0.00			
00941 CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	250.	2	0	0.00				1	0	0.00	1	0	0.00			
00946 SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	2	0	0.00				1	0	0.00	1	0	0.00			
01002 ARSENIC, TOTAL	Fresh Acute	360.	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	50.	2	0	0.00				1	0	0.00	1	0	0.00			
01027 CADMIUM, TOTAL	Fresh Acute	3.9	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	5.	2	0	0.00				1	0	0.00	1	0	0.00			
01034 CHROMIUM, TOTAL	Drinking Water	100.	2	0	0.00				1	0	0.00	1	0	0.00			
01042 COPPER, TOTAL	Fresh Acute	18.	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	1300.	2	0	0.00				1	0	0.00	1	0	0.00			
01051 LEAD, TOTAL	Fresh Acute	82.	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	15.	2	0	0.00				1	0	0.00	1	0	0.00			
01067 NICKEL, TOTAL	Fresh Acute	1400.	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	100.	2	0	0.00				1	0	0.00	1	0	0.00			
01092 ZINC, TOTAL	Fresh Acute	120.	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	5000.	2	0	0.00				1	0	0.00	1	0	0.00			
01147 SELENIUM, TOTAL	Fresh Acute	20.	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	50.	2	0	0.00				1	0	0.00	1	0	0.00			
31506 COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	2	0	0.00				1	0	0.00	1	0	0.00			
71900 MERCURY, TOTAL	Fresh Acute	2.4	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	2.	2	0	0.00				1	0	0.00	1	0	0.00			

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

Station Inventory for Station: CANY0211

NPS Station ID: CANY0211
 Location: (D-29-15)14DBB-S1
 Station Type: /TYPA/AMBNT/SPRING
 RMI-Indexes:
 RMI-Miles:
 HUC: 14070004
 Major Basin: U
 Minor Basin:
 RF1 Index: 14070004
 RF3 Index: 14070004013000.00
 Description:

LAT/LON: 38.288060/-110.241948

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 3.07

Agency: 112WRD
 FIPS State/County: 49055 UTAH/WAYNE
 STORET Station ID(s): 381717110143101
 Within Park Boundary: No

Date Created: 02/28/78

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 16.40
 Distance from RF3: 0.61

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: CANY0211

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/22/57-05/22/57	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00059 FLOW, RATE, INSTANTANEOUS GALLONS/MIN	05/22/57-05/22/57	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/22/57-05/22/57	1	318.	318.	318.	318.	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	05/22/57-05/22/57	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	05/22/57-05/22/57	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/22/57-05/22/57	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00405 CARBON DIOXIDE (MG/L AS CO2)	05/22/57-05/22/57	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	05/22/57-05/22/57	1	143.	143.	143.	143.	0.	0.	**	**	**	**
00440 BICARBONATE ION (MG/L AS HCO3)	05/22/57-05/22/57	1	174.	174.	174.	174.	0.	0.	**	**	**	**
00445 CARBONATE ION (MG/L AS CO3)	05/22/57-05/22/57	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00618 NITRATE NITROGEN, DISSOLVED (MG/L AS N)	05/22/57-05/22/57	1	0.59	0.59	0.59	0.59	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	05/22/57-05/22/57	1	159.	159.	159.	159.	0.	0.	**	**	**	**
00902 HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	05/22/57-05/22/57	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	05/22/57-05/22/57	1	28.	28.	28.	28.	0.	0.	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS Mg)	05/22/57-05/22/57	1	22.	22.	22.	22.	0.	0.	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	05/22/57-05/22/57	1	4.8	4.8	4.8	4.8	0.	0.	**	**	**	**
00931 SODIUM ADSORPTION RATIO	05/22/57-05/22/57	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00932 SODIUM, PERCENT	05/22/57-05/22/57	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	05/22/57-05/22/57	1	2.1	2.1	2.1	2.1	0.	0.	**	**	**	**
00940 CHLORIDE, TOTAL IN WATER MG/L	05/22/57-05/22/57	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	05/22/57-05/22/57	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	05/22/57-05/22/57	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SiO2)	05/22/57-05/22/57	1	8.6	8.6	8.6	8.6	0.	0.	**	**	**	**
01020 BORON, DISSOLVED (UG/L AS B)	05/22/57-05/22/57	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01046 IRON, DISSOLVED (UG/L AS Fe)	05/22/57-05/22/57	1	10.	10.	10.	10.	0.	0.	**	**	**	**
70300 RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	05/22/57-05/22/57	1	179.	179.	179.	179.	0.	0.	**	**	**	**
70301 SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	05/22/57-05/22/57	1	179.	179.	179.	179.	0.	0.	**	**	**	**
71851 NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/22/57-05/22/57	1	2.6	2.6	2.6	2.6	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0211

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	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			
00618	NITRATE NITROGEN, DISSOLVED AS N											1	0	0.00			
	Drinking Water	10.	1	0	0.00							1	0	0.00			
00940	CHLORIDE, TOTAL IN WATER											1	0	0.00			
	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)											1	0	0.00			
	Drinking Water	250.	1	0	0.00							1	0	0.00			
00950	FLUORIDE, DISSOLVED AS F											1	0	0.00			
	Drinking Water	4.	1	0	0.00							1	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)											1	0	0.00			
	Drinking Water	44.	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: CANY0212

NPS Station ID: CANY0212
 Location: (D-29-20)7D
 Station Type: /TYPA/AMBNT/SPRING
 RMI-Indexes:
 RMI-Miles:
 HUC: 14030005
 Major Basin: COLORADO RIVER
 Minor Basin: UPPER COLORADO RIVER
 RF1 Index: 14030005
 RF3 Index: 14070004002901.17

LAT/LON: 38.293420/-109.758060

Depth of Water: 0
 Elevation: 0

RF1 Mile Point: 0.000
 RF3 Mile Point: 2.36

Agency: 11NPSWRD
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): CANY_ERI_RC1B
 Within Park Boundary: No

Date Created: 08/21/99

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.80
 Distance from RF3: 0.11

On/Off RF1:
 On/Off RF3:

Description:

The station is located on the Monument Basin Utah 7.5 minute series (topographic) quadrangle. The site is a seep outside Canyonlands National Park. The seep consists of a central channel 50 foot jump with water emerging at the top from alluvium onto bedrock. Flow is over the mid-channel ledge. Moss and periphyton indicate some degree of permanence. This source is about 300 meters upstream of RC-2. Formation: Alluvium/undivided cutler bedrock ledge in stream channel. The data are from the report "Water Resources Descriptions and Data Base Canyonlands National Park Needles District and Adjacent BLM Lands" prepared by Ecosystems Research Institute (October 1984). For information on Canyonlands National Park; contact the Chief of Resources at Canyonlands National Park; 2282 S. West Resource Blvd.; Moab UT 84532 (Tel. 801-259-7164). Data were processed and uploaded to STORET by Lisa Dummer; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: CANY0212

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/25/84-04/25/84	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00094 SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	04/25/84-04/25/84	1	600.	600.	600.	600.	0.	0.	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	04/25/84-04/25/84	1	5.2	5.2	5.2	5.2	0.	0.	**	**	**	**
00406 PH, FIELD, STANDARD UNITS SU	04/25/84-04/25/84	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS	04/25/84-04/25/84	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/25/84-04/25/84	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0212

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	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: CANY0213

NPS Station ID: CANY0213
 Location: (D-29-19)12BD
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 14030005
 Major Basin: COLORADO RIVER
 Minor Basin: UPPER COLORADO RIVER
 RF1 Index: 14030005
 RF3 Index: 14070004002901.17

LAT/LON: 38.293949/-109.782782

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 2.36

Agency: 11NPSWRD
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): CANY_ERI_IC15
 Within Park Boundary: Yes

Date Created: 08/21/99

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.80
 Distance from RF3: 0.11

On/Off RF1:
 On/Off RF3:

Description:

The station is located on the Monument Basin Utah 7.5 minute series of the Colorado River in Canyonlands National Park. The site was selected to be above groundwater influence of the Colorado River. During sampling this site was a flowing stream; however due to its historical ephemeral nature; rise is the appropriate classification. Bacteriological samples were held longer than 30 hours. The data are from the report "Water Resources Descriptions and Data Base Canyonlands National Park Needles District and Adjacent BLM Lands" prepared by Ecosystems Research Institute (October 1984). For information on Canyonlands National Park; contact the Chief of Resources at Canyonlands National Park; 2282 S. West Resource Blvd.; Moab UT 84532 (Tel. 801-259-7164). Data were processed and uploaded to STORET by Lisa Dummer; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: CANY0213

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/26/84-04/26/84	1	12.3	12.3	12.3	12.3	0.	0.	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	04/26/84-04/26/84	1	79.	79.	79.	79.	0.	0.	**	**	**	**
00094 SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	04/26/84-04/26/84	1	350.	350.	350.	350.	0.	0.	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	04/26/84-04/26/84	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	04/26/84-04/26/84	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/26/84-04/26/84	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	04/26/84-04/26/84	1	487.	487.	487.	487.	0.	0.	**	**	**	**
00515 RESIDUE, TOTAL FILTRABLE (DRIED AT 105C), MG/L	04/26/84-04/26/84	1	3449.	3449.	3449.	3449.	0.	0.	**	**	**	**
00600 NITROGEN, TOTAL (MG/L AS N)	04/26/84-04/26/84	1	1.87	1.87	1.87	1.87	0.	0.	**	**	**	**
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/26/84-04/26/84	1	0.041	0.041	0.041	0.041	0.	0.	**	**	**	**
00615 NITRITE NITROGEN, TOTAL (MG/L AS N)	04/26/84-04/26/84	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	04/26/84-04/26/84	1	0.156	0.156	0.156	0.156	0.	0.	**	**	**	**
00665 PHOSPHORUS, TOTAL (MG/L AS P)	04/26/84-04/26/84	1	1.84	1.84	1.84	1.84	0.	0.	**	**	**	**
00680 CARBON, TOTAL ORGANIC (MG/L AS C)	04/26/84-04/26/84	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	04/26/84-04/26/84	1	606.	606.	606.	606.	0.	0.	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	04/26/84-04/26/84	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00946 SULFATE, DISSOLVED (MG/L AS SO4)	04/26/84-04/26/84	1	53.	53.	53.	53.	0.	0.	**	**	**	**
01516 ALPHA, SUSPEND GROSS, AS URANIUM NATURAL, PC/L	04/26/84-04/26/84	1	54.	54.	54.	54.	0.	0.	**	**	**	**
03516 BETA, SUSPENDED GROSS, AS CS-137, PC/L	04/26/84-04/26/84	1	130.	130.	130.	130.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: CANY0213

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501 COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/26/84-04/26/84	1	700.	700.	700.	700.	0.	0.	**	**	**	**
31501 LOG COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,3	04/26/84-04/26/84	1	2.845	2.845	2.845	2.845	0.	0.	**	**	**	**
31501 GM COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			700.								
31616 FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/26/84-04/26/84	1	1400.	1400.	1400.	1400.	0.	0.	**	**	**	**
31616 LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	04/26/84-04/26/84	1	3.146	3.146	3.146	3.146	0.	0.	**	**	**	**
31616 GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1400.								
50786 ORTHOPHOSPHATE AS P, WATER MG/L	04/26/84-04/26/84	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/26/84-04/26/84	1	348.	348.	348.	348.	0.	0.	**	**	**	**
70953 CHLOROPHYLL-A,PHYTOPLANKTON UG/L,CHROMO-FLUORO	04/26/84-04/26/84	1	3.7	3.7	3.7	3.7	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: CANY0213

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						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			
00615 NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	0	0.00							1	0	0.00			
00620 NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00							1	0	0.00			
00941 CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
	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			
31501 COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	0	0.00							1	0	0.00			
31616 FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1	1	1.00							1	1	1.00			

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

Station Inventory for Station: CANY0214

NPS Station ID: CANY0214 LAT/LON: 38.294476/-109.781503

Location: INDIAN CK 1/2 MI. UPSTRM FROM CONFL. OF CO R.

Station Type: /TYPA/AMBNT/STREAM

RMI-Indexes:

RMI-Miles:

HUC: 14030005

Major Basin: COLORADO RIVER

Minor Basin: UPPER COLORADO RIVER

RF1 Index: 14030005

RF3 Index: 14070004002901.17

Depth of Water: 0

Elevation: 4000

RF1 Mile Point: 0.000

RF3 Mile Point: 2.36

Agency: 11NPSWRD

FIPS State/County: 49037 UTAH/SAN JUAN

STORET Station ID(s): CANY_BLM_INCK

Within Park Boundary: Yes

Date Created: 08/07/99

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 0.80

Distance from RF3: 0.11

On/Off RF1:

On/Off RF3:

Description:

THE STATION IS LOCATED ON THE MONUMENT BASIN UT 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT INDIAN CREEK 1/2 MILE UPSTREAM FROM ITS CONFLUENCE WITH THE COLORADO RIVER AND IS INSIDE THE CANYON- LANDS NATIONAL PARK. THE DATA ARE FROM THE REPORT "ARCHES AND CANYON- LANDS NATIONAL PARK AQUATIC STUDY" BY J. CONNOR (NPS) AND W.G. KEPNER (BLM) (1983). THE PURPOSE OF THE STUDY WAS TO MONITOR THE IMPACTS BY VISITORS IN THE BACKCOUNTRY TO WATER SOURCES IN THE PARKS. THE STUDY WAS A JOINT EFFORT BETWEEN THE NATIONAL PARK SERVICE AND THE BUREAU OF LAND MANAGEMENT. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT CANYONLANDS NATIONAL PARK; 2282 WEST RESOURCE BLVD.; MOAB UT 84532 (TEL. 801-259-7164). DATA WERE PROCESSED AND UPLOADED TO STORET BY LISA DUMMER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DR. SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: CANY0214

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/24/83-08/24/83	1	28.2	28.2	28.2	28.2	0.	0.	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	08/24/83-08/24/83	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00094 SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	08/24/83-08/24/83	1	1302.	1302.	1302.	1302.	0.	0.	**	**	**	**
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/24/83-08/24/83	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00406 PH, FIELD, STANDARD UNITS SU	08/24/83-08/24/83	1	8.6	8.6	8.6	8.6	0.	0.	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS	08/24/83-08/24/83	1	8.6	8.6	8.6	8.6	0.	0.	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/24/83-08/24/83	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	08/24/83-08/24/83	1	140.	140.	140.	140.	0.	0.	**	**	**	**
00660 PHOSPHATE, ORTHO (MG/L AS PO4)	08/24/83-08/24/83	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	08/24/83-08/24/83	1	280.	280.	280.	280.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0214

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
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: CANY0215

NPS Station ID: CANY0215
 Location: INDIAN CREEK
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 14030005
 Major Basin: COLORADO RIVER
 Minor Basin: UPPER COLORADO RIVER
 RF1 Index: 14030005
 RF3 Index: 14070004002901.17

LAT/LON: 38.294476/-109.781503

Depth of Water: 0
 Elevation: 0

RF1 Mile Point: 0.000
 RF3 Mile Point: 2.36

Agency: 11NPSWRD
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): CANY_NPS_IC15
 Within Park Boundary: Yes

Date Created: 05/22/99

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.80
 Distance from RF3: 0.11

On/Off RF1:
 On/Off RF3:

Description:
 THE STATION IS LOCATED ON THE MONUMENT BASIN UTAH 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. INDIAN CREEK IS AN INTERMITTENT STREAM AND IS LOCATED INSIDE THE CANYONLANDS NATIONAL PARK BOUNDARY. THE SAMPLES WERE COLLECTED AND ANALYZED BY NATIONAL PARK SERVICE PERSONNEL. THE MONITORING BEGAN IN RESPONSE TO A PROPOSED SITING OF A NUCLEAR WASTE REPOSITORY NEAR THE PARK AS STATED BY B. LONG AND R. SMITH IN THE REPORT "WATER QUALITY DATA ANALYSIS AND INTERPRETATION FOR SPRING MONITORING SITES SOUTHEAST UTAH GROUP" (AUGUST 1996). THE INITIAL MONITORING OBJECTIVES WERE TO ESTABLISH A BASELINE DATABASE; DETECT POTENTIAL CHANGES; AND IDENTIFY AREAS OF CONCERN. DATA WERE PROCESSED AND UPLOADED TO STORET BY LISA DUMMER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: CANY0215

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/08/87-04/08/87	1	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
00094 SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	04/08/87-04/08/87	1	794.	794.	794.	794.	0.	0.	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	04/08/87-04/08/87	1	8.9	8.9	8.9	8.9	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	04/08/87-04/08/87	1	8.6	8.6	8.6	8.6	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	04/08/87-04/08/87	1	8.6	8.6	8.6	8.6	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/08/87-04/08/87	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	04/08/87-04/08/87	1	340.	340.	340.	340.	0.	0.	**	**	**	**
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	04/08/87-04/08/87	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00655 PHOSPHATE, POLY (MG/L AS PO4)	04/08/87-04/08/87	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	04/08/87-04/08/87	1	374.	374.	374.	374.	0.	0.	**	**	**	**
00940 CHLORIDE, TOTAL IN WATER MG/L	04/08/87-04/08/87	1	106.	106.	106.	106.	0.	0.	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	04/08/87-04/08/87	1	115.	115.	115.	115.	0.	0.	**	**	**	**
01042 COPPER, TOTAL (UG/L AS CU)	04/08/87-04/08/87	1	500.	500.	500.	500.	0.	0.	**	**	**	**
01045 IRON, TOTAL (UG/L AS FE)	04/08/87-04/08/87	1	1650.	1650.	1650.	1650.	0.	0.	**	**	**	**
01055 MANGANESE, TOTAL (UG/L AS MN)	04/08/87-04/08/87	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

EPA Water Quality Criteria Analysis for Station: CANY0215

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	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			
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: CANY0216

NPS Station ID: CANY0216
 Location: INDIAN CK AT MOUTH
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 14030005
 Major Basin:
 Minor Basin:
 RF1 Index:
 RF3 Index: 14070001003405.85

LAT/LON: 38.294333/-109.786333

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 7.82

Agency: 21UTAH
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): 495575
 Within Park Boundary: Yes

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.16

On/Off RF1:
 On/Off RF3:

Description:
 WATER QUALITY STATION IS LOCATED IN CANYONLANDS NP. THIS PARK IS MANAGED BY THE NATIONAL PARK SERVICE'S SOUTHEAST UTAH GROUP.
 WATER SAMPLES COLLECTED BY CANYONLANDS NATIONAL PARK NATURAL RESOURCE MANAGEMENT STAFF (125 W. 200 S.; MOAB UT 84532; TELEPHONE:
 435-259-3911); ANALYZED BY THE UTAH DEPARTMENT OF HEALTH LABORATORY AND UPLOADED INTO STORET BY THE UTAH DEPARTMENT OF
 ENVIRONMENTAL QUALITY - DIVISION OF WATER QUALITY.

Parameter Inventory for Station: CANY0216

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/09/97-09/09/97	1	30.8	30.8	30.8	30.8	0.	0.	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	09/09/97-08/29/98	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/09/97-09/09/97	1	1746.	1746.	1746.	1746.	0.	0.	**	**	**	**
00094 SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/09/97-09/09/97	1	449.	449.	449.	449.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/09/97-09/09/97	1	443.	443.	443.	443.	0.	0.	**	**	**	**
00191 HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	09/09/97-09/09/97	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	09/09/97-09/09/97	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	09/09/97-09/09/97	1	7.89	7.89	7.89	7.89	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	09/09/97-09/09/97	1	7.89	7.89	7.89	7.89	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/09/97-09/09/97	1	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
00405 CARBON DIOXIDE (MG/L AS CO2)	09/09/97-09/09/97	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00406 PH, FIELD, STANDARD UNITS SU	09/09/97-09/09/97	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS	09/09/97-09/09/97	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/09/97-09/09/97	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	09/09/97-09/09/97	1	166.	166.	166.	166.	0.	0.	**	**	**	**
00440 BICARBONATE ION (MG/L AS HCO3)	09/09/97-09/09/97	1	202.	202.	202.	202.	0.	0.	**	**	**	**
00445 CARBONATE ION (MG/L AS CO3)	09/09/97-09/09/97	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/09/97-09/09/97	1	1872.	1872.	1872.	1872.	0.	0.	**	**	**	**
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/09/97-09/09/97	1	0.097	0.097	0.097	0.097	0.	0.	**	**	**	**
00631 NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/09/97-09/09/97	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00666 PHOSPHORUS, DISSOLVED (MG/L AS P)	09/09/97-09/09/97	1	0.098	0.098	0.098	0.098	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	09/09/97-09/09/97	1	174.5	174.5	174.5	174.5	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	09/09/97-09/09/97	1	41.4	41.4	41.4	41.4	0.	0.	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS Mg)	09/09/97-09/09/97	1	17.3	17.3	17.3	17.3	0.	0.	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	09/09/97-09/09/97	1	30.1	30.1	30.1	30.1	0.	0.	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	09/09/97-09/09/97	1	5.75	5.75	5.75	5.75	0.	0.	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	09/09/97-09/09/97	1	15.7	15.7	15.7	15.7	0.	0.	**	**	**	**
00946 SULFATE, DISSOLVED (MG/L AS SO4)	09/09/97-09/09/97	1	32.3	32.3	32.3	32.3	0.	0.	**	**	**	**
01000 ARSENIC, DISSOLVED (UG/L AS AS)	09/09/97-09/09/97	1	5.7	5.7	5.7	5.7	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: CANY0216

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
01005	BARIUM, DISSOLVED (UG/L AS BA)	09/09/97-09/09/97	1	180.	180.	180.	180.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	09/09/97-09/09/97	1##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/09/97-09/09/97	1##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	09/09/97-09/09/97	1##	6.	6.	6.	6.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/09/97-09/09/97	1	41.8	41.8	41.8	41.8	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	09/09/97-09/09/97	1##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/09/97-09/09/97	1##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	09/09/97-09/09/97	1##	1.	1.	1.	1.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	09/09/97-09/09/97	1##	15.	15.	15.	15.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/09/97-09/09/97	1	34.	34.	34.	34.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	09/09/97-09/09/97	1##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
61027	ANIONS, SUM, TOTAL IN WATER MG/L	09/09/97-09/09/97	1	147.	147.	147.	147.	0.	0.	**	**	**	**
61944	CATIONS, SUM, TOTAL IN WATER, MG/L	09/09/97-09/09/97	1	95.	95.	95.	95.	0.	0.	**	**	**	**
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	09/09/97-09/09/97	1	286.	286.	286.	286.	0.	0.	**	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	09/09/97-09/09/97	1##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

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EPA Water Quality Criteria Analysis for Station: CANY0216

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	50.	1	1	1.00	1	1	1.00									
00300	OXYGEN, DISSOLVED	4.	1	0	0.00	1	0	0.00									
00400	PH	9.	1	0	0.00	1	0	0.00									
	Fresh Chronic	6.5	1	0	0.00	1	0	0.00									
00406	PH, FIELD	9.	1	0	0.00	1	0	0.00									
	Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	10.	1	0	0.00	1	0	0.00									
00941	CHLORIDE, DISSOLVED IN WATER	860.	1	0	0.00	1	0	0.00									
	Fresh Acute	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	250.	1	0	0.00	1	0	0.00									
01000	ARSENIC, DISSOLVED	360.	1	0	0.00	1	0	0.00									
	Fresh Acute	50.	1	0	0.00	1	0	0.00									
01005	BARIUM, DISSOLVED	2000.	1	0	0.00	1	0	0.00									
01025	CADMIUM, DISSOLVED	3.9	1	0	0.00	1	0	0.00									
	Fresh Acute	5.	1	0	0.00	1	0	0.00									
01030	CHROMIUM, DISSOLVED	100.	1	0	0.00	1	0	0.00									
01040	COPPER, DISSOLVED	18.	1	0	0.00	1	0	0.00									
	Fresh Acute	1300.	1	0	0.00	1	0	0.00									
01049	LEAD, DISSOLVED	82.	1	0	0.00	1	0	0.00									
	Fresh Acute	15.	1	0	0.00	1	0	0.00									
01075	SILVER, DISSOLVED	4.1	1	0	0.00	1	0	0.00									
	Fresh Acute	100.	1	0	0.00	1	0	0.00									
01090	ZINC, DISSOLVED	120.	1	0	0.00	1	0	0.00									
	Fresh Acute	5000.	1	0	0.00	1	0	0.00									
01145	SELENIUM, DISSOLVED	20.	1	0	0.00	1	0	0.00									
	Fresh Acute	50.	1	0	0.00	1	0	0.00									
71890	MERCURY, DISSOLVED	2.4	1	0	0.00	1	0	0.00									
	Fresh Acute	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: CANY0217

NPS Station ID: CANY0217
 Location: COLORADO R @ INDIAN CK
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 14030005
 Major Basin:
 Minor Basin:
 RF1 Index:
 RF3 Index: 14070004002901.17
 Description:

LAT/LON: 38.295500/-109.787500

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 2.36

Agency: 21UTAH
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): 495566
 Within Park Boundary: Yes

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.80
 Distance from RF3: 0.11

On/Off RF1:
 On/Off RF3:

WATER QUALITY STATION IS LOCATED IN CANYONLANDS NP. THIS PARK IS MANAGED BY THE NATIONAL PARK SERVICE'S SOUTHEAST UTAH GROUP.
 WATER SAMPLES COLLECTED BY CANYONLANDS NATIONAL PARK NAT RESOURCE MANAGEMENT STAFF (125 W. 200 S.; MOAB UT 84532; TELEPHONE:
 435-259-3911); ANALYZED BY THE UTAH DEPARTMENT OF HEALTH LABORATORY AND UPLOADED INTO STORET BY THE UTAH DEPARTMENT OF
 ENVIRONMENTAL QUALITY - DIVISION OF WATER QUALITY.

Parameter Inventory for Station: CANY0217

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/16/91-08/20/97	22	17.3	18.237	25.16	10.6	21.468	4.633	11.664	15.225	22.873	24.4
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/28/93-08/20/97	19	29.4	28.552	37.	12.78	50.991	7.141	12.8	23.8	35.	36.
00061 FLOW, STREAM, INSTANTANEOUS CFS	07/16/94-09/30/95	3	4500.	4933.333	6400.	3900.	1703333.333	1305.118	**	**	**	**
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/16/91-08/20/97	26	95.4	117.838	343.	9.	6401.212	80.008	29.3	62.5	158.5	246.
00094 SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/16/91-08/20/97	21	802.	1165.143	9700.	274.	3950801.829	1987.662	349.8	391.5	1217.	1354.6
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/16/91-08/20/97	26	735.	761.346	1400.	263.	128517.835	358.494	343.6	401.5	1123.25	1243.
00191 HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	04/16/91-08/20/97	26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00300 OXYGEN, DISSOLVED MG/L	04/16/91-08/20/97	19	7.92	9.002	18.8	6.2	10.778	3.283	6.5	7.2	8.9	16.4
00400 PH (STANDARD UNITS)	04/16/91-08/20/97	26	8.16	8.073	8.48	7.3	0.098	0.313	7.5	7.89	8.29	8.44
00400 CONVERTED PH (STANDARD UNITS)	04/16/91-08/20/97	26	8.159	7.945	8.48	7.3	0.115	0.339	7.5	7.89	8.29	8.44
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/16/91-08/20/97	26	0.007	0.011	0.05	0.003	0.	0.011	0.004	0.005	0.013	0.032
00405 CARBON DIOXIDE (MG/L AS CO2)	04/16/91-08/20/97	26	1.	2.346	9.	1.	5.115	2.262	1.	1.	2.25	7.
00406 PH, FIELD, STANDARD UNITS SU	04/16/91-08/20/97	22	7.9	7.819	8.8	7.02	0.174	0.417	7.16	7.6	8.043	8.228
00406 CONVERTED PH, FIELD, STANDARD UNITS	04/16/91-08/20/97	22	7.9	7.626	8.8	7.02	0.213	0.461	7.16	7.6	8.042	8.228
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/16/91-08/20/97	22	0.013	0.024	0.095	0.002	0.001	0.025	0.006	0.009	0.027	0.071
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	04/16/91-08/20/97	26	121.5	124.538	166.	87.	543.218	23.307	90.1	107.5	144.25	157.5
00440 BICARBONATE ION (MG/L AS HCO3)	04/16/91-08/20/97	26	149.	151.885	202.	106.	806.426	28.398	110.5	131.25	175.5	191.8
00445 CARBONATE ION (MG/L AS CO3)	04/16/91-08/20/97	26	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/16/91-08/20/97	26	255.	255.969	510.	34.	22872.573	151.237	41.68	122.25	384.25	469.51
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/16/91-08/20/97	26 ##	0.025	0.045	0.135	0.025	0.001	0.028	0.025	0.025	0.06	0.081
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/16/91-05/09/97	20	0.457	0.522	1.291	0.05	0.102	0.319	0.201	0.27	0.716	1.082
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/16/96-08/21/96	2	0.435	0.435	0.68	0.19	0.12	0.346	**	**	**	**
00631 NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/16/91-08/20/97	23	0.407	0.455	0.91	0.02	0.068	0.26	0.096	0.228	0.66	0.853
00665 PHOSPHORUS, TOTAL (MG/L AS P)	04/16/91-05/09/97	23	0.15	0.169	0.368	0.029	0.01	0.101	0.04	0.087	0.245	0.34
00666 PHOSPHORUS, DISSOLVED (MG/L AS P)	04/16/91-06/30/97	21 ##	0.005	0.018	0.12	0.005	0.001	0.03	0.005	0.005	0.015	0.077
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	04/16/91-07/23/97	25	233.3	263.9	447.3	105.7	14080.535	118.661	132.48	149.55	398.85	432.54
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	04/16/91-08/20/97	26	65.65	70.885	117.	30.	888.958	29.815	36.94	42.05	107.	110.
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	04/16/91-08/20/97	26	18.4	21.242	42.	7.5	106.643	10.327	9.84	11.625	31.925	36.51
00930 SODIUM, DISSOLVED (MG/L AS NA)	04/16/91-08/20/97	26	56.15	60.004	120.	12.	1250.532	35.363	18.25	23.525	96.325	111.2

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Parameter Inventory for Station: CANY0217

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/16/91-08/20/97	26	3.19	3.008	4.5	1.4	1.055	1.027	1.57	1.8	4.26
00941	CHLORIDE, DISSOLVED IN WATER MG/L	04/16/91-08/20/97	26	54.5	56.185	115.	2.1	1433.155	37.857	8.6	20.	111.3
00946	SULFATE, DISSOLVED (MG/L AS SO4)	04/16/91-08/20/97	26	166.55	184.928	456.9	20.11	15315.02	123.754	30.251	73.682	354.878
01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/08/92-08/20/97	19 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5
01005	BARIUM, DISSOLVED (UG/L AS BA)	10/08/92-08/20/97	19	78.	73.711	98.	40.	213.148	14.6	46.	65.	89.
01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/08/92-08/20/97	19 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/08/92-08/20/97	19 ##	2.5	4.584	33.	2.5	49.496	7.035	2.5	2.5	8.
01040	COPPER, DISSOLVED (UG/L AS CU)	10/08/92-08/20/97	19 ##	6.	8.447	15.	6.	10.469	3.236	6.	10.	14.5
01046	IRON, DISSOLVED (UG/L AS FE)	10/08/92-08/20/97	19 ##	10.	21.174	52.3	10.	252.401	15.887	10.	10.	50.8
01049	LEAD, DISSOLVED (UG/L AS PB)	10/08/92-08/20/97	19 ##	1.5	1.553	2.5	1.5	0.053	0.229	1.5	1.5	1.5
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/08/92-08/20/97	19 ##	2.5	12.361	160.	2.5	1287.299	35.879	2.5	2.5	14.
01075	SILVER, DISSOLVED (UG/L AS AG)	10/08/92-08/20/97	19 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.
01090	ZINC, DISSOLVED (UG/L AS ZN)	10/08/92-08/20/97	19 ##	15.	14.737	15.	10.	1.316	1.147	15.	15.	15.
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	10/21/94-08/20/97	15	43.	73.133	350.	15.	8995.552	94.845	15.	15.	278.
01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/08/92-08/20/97	19	2.	2.753	6.	0.5	2.8	1.673	0.5	1.4	5.
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	04/16/91-05/15/93	4 ##	2.5	2.125	2.5	1.	0.563	0.75	**	**	**
61027	ANIONS, SUM, TOTAL IN WATER MG/L	07/18/91-08/20/97	25	289.	313.96	662.	89.	30592.873	174.908	115.8	146.	567.6
61944	CATIONS, SUM, TOTAL IN WATER, MG/L	07/18/91-08/20/97	25	139.	154.2	276.	51.	5999.083	77.454	69.6	77.5	265.4
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	04/16/91-08/20/97	26	454.	504.077	932.	188.	63717.274	252.423	215.4	251.5	877.2
71890	MERCURY, DISSOLVED (UG/L AS HG)	10/08/92-08/20/97	19 ##	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	04/16/91-05/15/93	4 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	04/16/91-05/15/93	4	0.109	0.102	0.12	0.07	0.001	0.024	**	**	**
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	04/16/91-05/15/93	4 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	04/16/91-05/15/93	4 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	04/16/91-05/15/93	4 ##	10.	10.	10.	10.	0.	0.	**	**	**
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	04/16/91-05/15/93	4	2.3	2.004	3.4	0.015	2.353	1.534	**	**	**
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	04/16/91-05/15/93	4 ##	3.75	4.75	10.	1.5	14.417	3.797	**	**	**
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	04/16/91-05/15/93	4	139.	125.75	220.	5.	9058.917	95.178	**	**	**
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	04/16/91-05/15/93	4 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	04/16/91-05/15/93	4 ##	1.	1.	1.	1.	0.	0.	**	**	**
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	04/16/91-05/15/93	4 ##	26.5	26.25	42.	10.	258.917	16.091	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0217

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----			
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	26	22	0.85	11	7	0.64	2	2	1.00	8	8	1.00	5	5	1.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	19	0	0.00	8	0	0.00	2	0	0.00	5	0	0.00	4	0	0.00
00400	PH	Fresh Chronic	9.	26	0	0.00	11	0	0.00	2	0	0.00	8	0	0.00	5	0	0.00
00406	PH, FIELD	Other-Lo Lim.	6.5	26	0	0.00	11	0	0.00	2	0	0.00	8	0	0.00	5	0	0.00
		Fresh Chronic	9.	22	0	0.00	10	0	0.00	2	0	0.00	5	0	0.00	5	0	0.00
		Other-Lo Lim.	6.5	22	0	0.00	10	0	0.00	2	0	0.00	5	0	0.00	5	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00	2	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	23	0	0.00	9	0	0.00	2	0	0.00	8	0	0.00	4	0	0.00
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	26	0	0.00	11	0	0.00	2	0	0.00	8	0	0.00	5	0	0.00
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	26	0	0.00	11	0	0.00	2	0	0.00	8	0	0.00	5	0	0.00
		Drinking Water	250.	26	9	0.35	11	7	0.64	2	2	1.00	8	0	0.00	5	0	0.00
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	19	0	0.00	9	0	0.00	1	0	0.00	5	0	0.00	4	0	0.00
		Drinking Water	50.	19	0	0.00	9	0	0.00	1	0	0.00	5	0	0.00	4	0	0.00
01005	BARIUM, DISSOLVED	Drinking Water	2000.	19	0	0.00	9	0	0.00	1	0	0.00	5	0	0.00	4	0	0.00
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	19	0	0.00	9	0	0.00	1	0	0.00	5	0	0.00	4	0	0.00
		Drinking Water	5.	19	0	0.00	9	0	0.00	1	0	0.00	5	0	0.00	4	0	0.00
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	19	0	0.00	9	0	0.00	1	0	0.00	5	0	0.00	4	0	0.00
01040	COPPER, DISSOLVED	Fresh Acute	18.	19	0	0.00	9	0	0.00	1	0	0.00	5	0	0.00	4	0	0.00
		Drinking Water	1300.	19	0	0.00	9	0	0.00	1	0	0.00	5	0	0.00	4	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	19	0	0.00	9	0	0.00	1	0	0.00	5	0	0.00	4	0	0.00
		Drinking Water	15.	19	0	0.00	9	0	0.00	1	0	0.00	5	0	0.00	4	0	0.00
01075	SILVER, DISSOLVED	Fresh Acute	4.1	19	0	0.00	9	0	0.00	1	0	0.00	5	0	0.00	4	0	0.00
		Drinking Water	100.	19	0	0.00	9	0	0.00	1	0	0.00	5	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: CANY0217

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
01090 ZINC, DISSOLVED	Fresh Acute	120.	19	0	0.00	9	0	0.00	1	0	0.00	5	0	0.00	4	0	0.00
	Drinking Water	5000.	19	0	0.00	9	0	0.00	1	0	0.00	5	0	0.00	4	0	0.00
01145 SELENIUM, DISSOLVED	Fresh Acute	20.	19	0	0.00	9	0	0.00	1	0	0.00	5	0	0.00	4	0	0.00
	Drinking Water	50.	19	0	0.00	9	0	0.00	1	0	0.00	5	0	0.00	4	0	0.00
01167 SELENIUM, ACID SOLUBLE, WATER, WHOLE	Fresh Acute	20.	4	0	0.00	1	0	0.00				3	0	0.00			
	Drinking Water	50.	4	0	0.00	1	0	0.00				3	0	0.00			
71890 MERCURY, DISSOLVED	Fresh Acute	2.4	19	0	0.00	9	0	0.00	1	0	0.00	5	0	0.00	4	0	0.00
	Drinking Water	2.	19	0	0.00	9	0	0.00	1	0	0.00	5	0	0.00	4	0	0.00
82702 ARSENIC, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	360.	4	0	0.00	1	0	0.00				3	0	0.00			
	Drinking Water	50.	4	0	0.00	1	0	0.00				3	0	0.00			
82703 BARIUM, FIELD ACIDIFIED, DECANTED, WATER	Drinking Water	2.	4	0	0.00	1	0	0.00				3	0	0.00			
82705 CADMIUM, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	3.9	4	0	0.00	1	0	0.00				3	0	0.00			
	Drinking Water	5.	4	0	0.00	1	0	0.00				3	0	0.00			
82706 CHROMIUM, FIELD ACIDIFIED, DECANTED, WAT	Drinking Water	100.	4	0	0.00	1	0	0.00				3	0	0.00			
82708 COPPER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	18.	4	0	0.00	1	0	0.00				3	0	0.00			
	Drinking Water	1300.	4	0	0.00	1	0	0.00				3	0	0.00			
82711 LEAD, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	82.	4	0	0.00	1	0	0.00				3	0	0.00			
	Drinking Water	15.	4	0	0.00	1	0	0.00				3	0	0.00			
82713 MERCURY, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	2.4	4	0	0.00	1	0	0.00				3	0	0.00			
	Drinking Water	2.	4	0	0.00	1	0	0.00				3	0	0.00			
82716 SILVER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	4.1	4	0	0.00	1	0	0.00				3	0	0.00			
	Drinking Water	100.	4	0	0.00	1	0	0.00				3	0	0.00			
82719 ZINC, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	120.	4	0	0.00	1	0	0.00				3	0	0.00			
	Drinking Water	5000.	4	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

Seasonal Analysis for Season #1: 7/15 to 10/14 - Station CANY0217

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/16/91-08/20/97	10	23.115	21.489	25.16	14.7	15.32	3.914	14.85	16.875	24.4	25.084
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/16/91-08/20/97	11	58.	71.564	148.	9.	2355.615	48.535	10.4	35.	133.	145.4
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/16/91-08/20/97	9	867.	1952.889	9700.	754.	8491885.861	2914.084	754.	803.	1303.	9700.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/16/91-08/20/97	11	1119.	1016.909	1348.	716.	49446.691	222.366	723.6	771.	1196.	1318.
00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	04/16/91-08/20/97	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00400	PH (STANDARD UNITS)	04/16/91-08/20/97	11	8.2	8.165	8.44	7.5	0.068	0.261	7.6	8.02	8.38	8.43
00400	CONVERTED PH (STANDARD UNITS)	04/16/91-08/20/97	11	8.2	8.071	8.44	7.5	0.078	0.279	7.6	8.02	8.38	8.43
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/16/91-08/20/97	11	0.006	0.009	0.032	0.004	0.	0.008	0.004	0.004	0.01	0.027
00405	CARBON DIOXIDE (MG/L AS CO2)	04/16/91-08/20/97	11	1.	1.909	9.	1.	5.691	2.386	1.	1.	2.	7.6
00406	PH, FIELD, STANDARD UNITS SU	04/16/91-08/20/97	10	7.95	7.989	8.8	7.3	0.145	0.381	7.35	7.8	8.165	8.744
00406	CONVERTED PH, FIELD, STANDARD UNITS	04/16/91-08/20/97	10	7.947	7.85	8.8	7.3	0.167	0.408	7.35	7.8	8.165	8.744
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/16/91-08/20/97	10	0.011	0.014	0.05	0.002	0.	0.013	0.002	0.007	0.016	0.047
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	04/16/91-08/20/97	11	138.	137.	161.	109.	367.4	19.168	109.6	114.	155.	160.
00440	BICARBONATE ION (MG/L AS HCO3)	04/16/91-08/20/97	11	168.	167.091	196.	133.	550.891	23.471	133.6	139.	189.	194.8
00445	CARBONATE ION (MG/L AS CO3)	04/16/91-08/20/97	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/16/91-08/20/97	11	167.	208.582	469.3	34.	24082.222	155.184	35.68	96.	354.7	466.24
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/16/91-08/20/97	11 ##	0.025	0.04	0.07	0.025	0.	0.018	0.025	0.025	0.06	0.068
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/16/91-08/20/97	9	0.646	0.591	0.91	0.2	0.045	0.212	0.2	0.423	0.716	0.91
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	04/16/91-07/23/97	10	398.85	360.46	447.3	233.3	7034.769	83.874	234.5	252.95	421.05	446.7
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	04/16/91-08/20/97	11	106.	94.418	117.	64.3	419.774	20.488	64.84	71.4	110.	115.6
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/16/91-08/20/97	11	31.	28.427	42.	17.7	68.082	8.251	17.92	19.	34.	40.86
00930	SODIUM, DISSOLVED (MG/L AS Na)	04/16/91-08/20/97	11	89.1	85.091	120.	54.5	620.567	24.911	55.	58.1	110.	118.8
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/16/91-08/20/97	11	4.	3.68	4.5	2.4	0.485	0.696	2.48	3.11	4.2	4.48
00941	CHLORIDE, DISSOLVED IN WATER MG/L	04/16/91-08/20/97	11	81.	82.764	112.	49.5	606.537	24.628	50.6	59.	106.	111.8
00946	SULFATE, DISSOLVED (MG/L AS SO4)	04/16/91-08/20/97	11	290.3	278.897	456.9	165.	9816.875	99.08	165.62	183.3	328.34	448.88
61027	ANIONS, SUM, TOTAL IN WATER MG/L	07/18/91-08/20/97	11	468.	443.909	662.	289.	17287.691	131.483	289.4	311.	517.	652.6
61944	CATIONS, SUM, TOTAL IN WATER, MG/L	07/18/91-08/20/97	11	231.	211.727	276.	139.	2860.418	53.483	140.4	152.	259.	275.2
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/16/91-08/20/97	11	766.	687.818	932.	444.	32198.764	179.44	448.	490.	818.	919.6

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

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station CANY0217

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/16/91-08/20/97	2	11.76	11.76	12.	11.52	0.115	0.339	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/16/91-08/20/97	2	101.4	101.4	110.	92.8	147.92	12.162	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/16/91-08/20/97	2	1253.5	1253.5	1277.	1230.	1104.5	33.234	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/16/91-08/20/97	2	1261.	1261.	1400.	1122.	38642.	196.576	**	**	**	**
00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	04/16/91-08/20/97	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	04/16/91-08/20/97	2	8.09	8.09	8.48	7.7	0.304	0.552	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/16/91-08/20/97	2	7.934	7.934	8.48	7.7	0.353	0.594	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/16/91-08/20/97	2	0.012	0.012	0.02	0.003	0.	0.012	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	04/16/91-08/20/97	2	3.5	3.5	6.	1.	12.5	3.536	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	04/16/91-08/20/97	2	7.51	7.51	8.	7.02	0.48	0.693	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	04/16/91-08/20/97	2	7.278	7.278	8.	7.02	0.588	0.767	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/16/91-08/20/97	2	0.053	0.053	0.095	0.01	0.004	0.06	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	04/16/91-08/20/97	2	155.	155.	166.	144.	242.	15.556	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	04/16/91-08/20/97	2	188.5	188.5	202.	175.	364.5	19.092	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	04/16/91-08/20/97	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/16/91-08/20/97	2	177.5	177.5	225.	130.	4512.5	67.175	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/16/91-08/20/97	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/16/91-08/20/97	2	0.659	0.659	0.887	0.43	0.104	0.323	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	04/16/91-07/23/97	2	400.45	400.45	426.7	374.2	1378.125	37.123	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	04/16/91-08/20/97	2	103.6	103.6	110.	97.2	81.92	9.051	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/16/91-08/20/97	2	34.5	34.5	37.	32.	12.5	3.536	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS Na)	04/16/91-08/20/97	2	103.05	103.05	110.	96.1	96.605	9.829	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/16/91-08/20/97	2	4.	4.	4.2	3.8	0.08	0.283	**	**	**	**

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

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station CANY0217

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00941	CHLORIDE, DISSOLVED IN WATER MG/L	04/16/91-08/20/97	2	104.5	104.5	115.	94.	220.5	14.849	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	04/16/91-08/20/97	2	301.07	301.07	322.34	279.8	904.826	30.08	**	**	**	**
61027	ANIONS, SUM, TOTAL IN WATER MG/L	07/18/91-08/20/97	2	498.	498.	536.	460.	2888.	53.74	**	**	**	**
61944	CATIONS, SUM, TOTAL IN WATER, MG/L	07/18/91-08/20/97	2	245.	245.	261.	229.	512.	22.627	**	**	**	**
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	04/16/91-08/20/97	2	821.	821.	894.	748.	10658.	103.238	**	**	**	**

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

Seasonal Analysis for Season #3: 4/01 to 5/31 - Station CANY0217

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/16/91-08/20/97	5	15.9	15.12	17.5	10.6	6.987	2.643	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/16/91-08/20/97	8	193.5	191.625	343.	98.	6575.125	81.087	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/16/91-08/20/97	5	400.	490.2	817.	347.	36903.7	192.103	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/16/91-08/20/97	8	497.	525.875	874.	324.	36610.125	191.338	**	**	**	**
00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	04/16/91-08/20/97	8	0.	0.	0.	0.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	04/16/91-08/20/97	8	8.04	7.998	8.44	7.5	0.077	0.278	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/16/91-08/20/97	8	8.04	7.917	8.44	7.5	0.085	0.291	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/16/91-08/20/97	8	0.009	0.012	0.032	0.004	0.	0.009	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	04/16/91-08/20/97	8	2.	2.5	7.	1.	3.714	1.927	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	04/16/91-08/20/97	5	7.9	7.76	8.2	7.1	0.168	0.41	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	04/16/91-08/20/97	5	7.9	7.582	8.2	7.1	0.208	0.456	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/16/91-08/20/97	5	0.013	0.026	0.079	0.006	0.001	0.03	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	04/16/91-08/20/97	8	118.5	116.	137.	88.	227.143	15.071	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	04/16/91-08/20/97	8	144.5	141.625	167.	107.	342.268	18.5	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	04/16/91-08/20/97	8	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/16/91-08/20/97	8	399.5	386.5	510.	266.	8062.	89.789	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/16/91-08/20/97	8	0.058	0.057	0.106	0.025	0.001	0.026	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/16/91-08/20/97	8	0.36	0.375	0.802	0.02	0.062	0.249	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	04/16/91-07/23/97	8	186.5	186.363	275.1	131.7	2310.468	48.067	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	04/16/91-08/20/97	8	50.	50.1	74.	36.8	158.88	12.605	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/16/91-08/20/97	8	15.	14.913	22.	9.7	16.913	4.113	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS Na)	04/16/91-08/20/97	8	34.	38.65	79.	16.5	457.789	21.396	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/16/91-08/20/97	8	2.6	2.716	3.7	1.8	0.55	0.742	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	04/16/91-08/20/97	8	27.2	31.863	76.9	2.1	658.854	25.668	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	04/16/91-08/20/97	8	107.099	103.857	210.	24.77	3900.959	62.458	**	**	**	**
61027	ANIONS, SUM, TOTAL IN WATER MG/L	07/18/91-08/20/97	7	190.	182.714	266.	108.	4304.238	65.607	**	**	**	**
61944	CATIONS, SUM, TOTAL IN WATER, MG/L	07/18/91-08/20/97	7	97.	96.	133.	70.	721.333	26.858	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/16/91-08/20/97	8	327.	340.75	570.	214.	15334.786	123.834	**	**	**	**

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

Seasonal Analysis for Season #4: 6/01 to 7/14 - Station CANY0217

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/16/91-08/20/97	5	18.7	17.44	20.9	12.6	10.868	3.297	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/16/91-08/20/97	5	73.1	108.16	240.	64.	5545.243	74.466	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/16/91-08/20/97	5	383.	386.8	484.	274.	6223.7	78.89	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/16/91-08/20/97	5	400.	376.	451.	263.	4947.5	70.338	**	**	**	**
00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	04/16/91-08/20/97	5	0.	0.	0.	0.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	04/16/91-08/20/97	5	8.13	7.986	8.41	7.3	0.187	0.432	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/16/91-08/20/97	5	8.13	7.79	8.41	7.3	0.235	0.484	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/16/91-08/20/97	5	0.007	0.016	0.05	0.004	0.	0.019	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	04/16/91-08/20/97	5	1.	2.6	7.	1.	6.8	2.608	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	04/16/91-08/20/97	5	7.7	7.66	8.2	7.3	0.143	0.378	**	**	**	**

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

Seasonal Analysis for Season #4: 6/01 to 7/14 - Station CANY0217

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00406	CONVERTED PH, FIELD, STANDARD UNITS	04/16/91-08/20/97	5	7.7	7.546	8.2	7.3	0.159	0.399	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/16/91-08/20/97	5	0.02	0.028	0.05	0.006	0.	0.02	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	04/16/91-08/20/97	5	95.	98.6	117.	87.	140.8	11.866	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	04/16/91-08/20/97	5	115.	120.2	142.	106.	201.2	14.184	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	04/16/91-08/20/97	5	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/16/91-08/20/97	5	179.6	182.76	316.	40.	17481.328	132.217	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/16/91-08/20/97	5##	0.025	0.047	0.135	0.025	0.002	0.049	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/16/91-08/20/97	4	0.199	0.207	0.35	0.08	0.013	0.113	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	04/16/91-07/23/97	5	147.6	140.22	163.3	105.7	489.537	22.125	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	04/16/91-08/20/97	5	41.	39.28	46.	30.	37.292	6.107	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/16/91-08/20/97	5	11.	10.26	11.8	7.5	2.843	1.686	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS Na)	04/16/91-08/20/97	5	22.	21.76	29.9	12.	41.683	6.456	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/16/91-08/20/97	5	1.6	1.602	1.79	1.4	0.025	0.158	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	04/16/91-08/20/97	5	18.5	17.3	25.5	6.5	49.7	7.05	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	04/16/91-08/20/97	5	64.43	61.453	99.2	20.11	893.556	29.892	**	**	**	**
61027	ANIONS, SUM, TOTAL IN WATER MG/L	07/18/91-08/20/97	5	142.	138.2	177.	89.	1026.7	32.042	**	**	**	**
61944	CATIONS, SUM, TOTAL IN WATER, MG/L	07/18/91-08/20/97	5	76.	72.8	89.	51.	200.2	14.149	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/16/91-08/20/97	5	244.	234.4	264.	188.	914.8	30.246	**	**	**	**

** - Less than 9 observations ## - Computed 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: CANY0218

NPS Station ID: CANY0218
 Location: (D-29-19)I2BC - INDIAN CREEK
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 14030005
 Major Basin: COLORADO RIVER
 Minor Basin: UPPER COLORADO RIVER
 RF1 Index: 14030005
 RF3 Index: 14070004002901.17

LAT/LON: 38.296726/-109.786726

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 2.36

Agency: 11NPSWRD
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): CANY_ERI_C1
 Within Park Boundary: Yes

Date Created: 08/21/99

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.80
 Distance from RF3: 0.11

On/Off RF1:
 On/Off RF3:

Description:
 The station is located on the Monument Basin Utah 7.5 minute series (topographic) quadrangle. The site is at Indian Creek in Canyonlands National Park. Samples were collected immediately upstream from the Indian Creek confluence on the same side. Bacteriological samples were held longer than 30 hours. Flow data are available from USGS record at Cisco. Source Type: River. Formation: Alluvium. Substrate: Sand. The data are from the report "Water Resources Descriptions and Data Base Canyonlands National Park Needles District and Adjacent BLM Lands" prepared by Ecosystems Research Institute (October 1984). For information on Canyonlands National Park, contact the Chief of Resources at Canyonlands National Park; 2282 S. West Resource Blvd.; Moab UT 84532 (Tel. 801-259-7164). Data were processed and uploaded to STORET by Lisa Dummer; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: CANY0218

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/26/84-04/26/84	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/26/84-04/26/84	1	628.	628.	628.	628.	0.	0.	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	04/26/84-04/26/84	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	04/26/84-04/26/84	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	04/26/84-04/26/84	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/26/84-04/26/84	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	04/26/84-04/26/84	1	195.	195.	195.	195.	0.	0.	**	**	**	**
00515 RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	04/26/84-04/26/84	1	965.	965.	965.	965.	0.	0.	**	**	**	**
00600 NITROGEN, TOTAL (MG/L AS N)	04/26/84-04/26/84	1	1.17	1.17	1.17	1.17	0.	0.	**	**	**	**
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/26/84-04/26/84	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00615 NITRITE NITROGEN, TOTAL (MG/L AS N)	04/26/84-04/26/84	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	04/26/84-04/26/84	1	0.406	0.406	0.406	0.406	0.	0.	**	**	**	**
00665 PHOSPHORUS, TOTAL (MG/L AS P)	04/26/84-04/26/84	1	0.813	0.813	0.813	0.813	0.	0.	**	**	**	**
00680 CARBON, TOTAL ORGANIC (MG/L AS C)	04/26/84-04/26/84	1	11.6	11.6	11.6	11.6	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	04/26/84-04/26/84	1	217.	217.	217.	217.	0.	0.	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	04/26/84-04/26/84	1	38.	38.	38.	38.	0.	0.	**	**	**	**
00946 SULFATE, DISSOLVED (MG/L AS SO4)	04/26/84-04/26/84	1	118.	118.	118.	118.	0.	0.	**	**	**	**
01516 ALPHA, SUSPEND GROSS, AS URANIUM NATURAL, PC/L	04/26/84-04/26/84	1	33.	33.	33.	33.	0.	0.	**	**	**	**
03516 BETA, SUSPEND GROSS, AS CS-137, PC/L	04/26/84-04/26/84	1	50.	50.	50.	50.	0.	0.	**	**	**	**
31501 COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	04/26/84-04/26/84	1	250.	250.	250.	250.	0.	0.	**	**	**	**
31501 LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	04/26/84-04/26/84	1	2.398	2.398	2.398	2.398	0.	0.	**	**	**	**
31501 GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			250.								

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

Parameter Inventory for Station: CANY0218

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	04/26/84-04/26/84	1	25.	25.	25.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	04/26/84-04/26/84	1	1.398	1.398	1.398	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =		25.								
50786	ORTHOPHOSPHATE AS P, WATER MG/L	04/26/84-04/26/84	1	0.02	0.02	0.02	0.	0.	**	**	**	**
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	04/26/84-04/26/84	1	401.	401.	401.	0.	0.	**	**	**	**
70953	CHLOROPHYLL-A, PHYTOPLANKTON UG/L, CHROMO-FLUORO	04/26/84-04/26/84	1	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: CANY0218

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00						1	0	0.00			
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			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	0	0.00						1	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00						1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00						1	0	0.00			
		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			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	0	0.00						1	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1	0	0.00						1	0	0.00			

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

Station Inventory for Station: CANY0219

NPS Station ID: CANY0219	LAT/LON: 38.300698/-110.018892	Agency: 11NPSWRD	Date Created: 01/30/99
Location: SLCH504R		FIPS State/County: 49055 UTAH/WAYNE	
Station Type: /TYPA/AMBNT/SPRING		STORET Station ID(s): GLCA_NURE_16 /5079401	
RMI-Indexes:		Within Park Boundary: No	
RMI-Miles:			
HUC: 14060008	Depth of Water: 0	Aquifer:	
Major Basin: COLORADO RIVER	Elevation: 0	Water Body Id:	
Minor Basin: GREEN RIVER		ECO Region:	
RF1 Index: 14060008	RF1 Mile Point: 0.000	Distance from RF1: 0.80	On/Off RF1:
RF3 Index: 14070004002901.17	RF3 Mile Point: 2.36	Distance from RF3: 0.11	On/Off RF3:

Description:
 THE STATION IS LOCATED ON THE CLEOPATRAS CHAIR UTAH 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT A SPRING AND IS INSIDE THE GLEN CANYON NATIONAL RECREATION AREA. EACH SAMPLE WAS FILTERED THROUGH A LESS THAN OR EQUAL TO 0.8 UM FILTER 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 STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "SRLID" 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 LISA DUMMER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: CANY0219

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/30/79-05/30/79	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/30/79-05/30/79	1	4600.	4600.	4600.	4600.	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	05/30/79-05/30/79	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	05/30/79-05/30/79	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/30/79-05/30/79	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	05/30/79-05/30/79	1	85.	85.	85.	85.	0.	0.	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	05/30/79-05/30/79	1	743.	743.	743.	743.	0.	0.	**	**	**	**
01085 VANADIUM, DISSOLVED (UG/L AS V)	05/30/79-05/30/79	1	24.	24.	24.	24.	0.	0.	**	**	**	**
22703 URANIUM, NATURAL, DISSOLVED	05/30/79-05/30/79	1	120.66	120.66	120.66	120.66	0.	0.	**	**	**	**
50760 CHLORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	05/30/79-05/30/79	1	696200.	696200.	696200.	696200.	0.	0.	**	**	**	**
50761 BROMINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	05/30/79-05/30/79	1	4114.	4114.	4114.	4114.	0.	0.	**	**	**	**
82041 HELIUM, DISSOLVED IN WATER (UG/L AS HE)	05/30/79-05/30/79	1	6400.	6400.	6400.	6400.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0219

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
							Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	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	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: CANY0220

NPS Station ID: CANY0220
 Location: SLCH502R
 Station Type: /TYP/AMBNT/SPRING
 RMI-Indexes:
 RMI-Miles:
 HUC: 14060008
 Major Basin: COLORADO RIVER
 Minor Basin: GREEN RIVER
 RF1 Index: 14060008
 RF3 Index: 14070004002901.17

LAT/LON: 38.319698/-110.205615

Depth of Water: 0
 Elevation: 0

RF1 Mile Point: 0.000
 RF3 Mile Point: 2.36

Agency: 11NPSWRD
 FIPS State/County: 49055 UTAH/WAYNE
 STORET Station ID(s): GLCA_NURE_12 /5079399
 Within Park Boundary: No

Date Created: 01/30/99

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.80
 Distance from RF3: 0.11

On/Off RF1:
 On/Off RF3:

Description:
 THE STATION IS LOCATED ON THE HEAD SPUR UTAH 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT A SPRING AND IS OUTSIDE THE GLEN CANYON NATIONAL RECREATION AREA. EACH SAMPLE WAS FILTERED THROUGH A LESS THAN OR EQUAL TO 0.8 UM FILTER 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 STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "SRLID" 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 LISA DUMMER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: CANY0220

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/25/79-05/25/79	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/25/79-05/25/79	1	500.	500.	500.	500.	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	05/25/79-05/25/79	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	05/25/79-05/25/79	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/25/79-05/25/79	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	05/25/79-05/25/79	1	120.	120.	120.	120.	0.	0.	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	05/25/79-05/25/79	1	72.5	72.5	72.5	72.5	0.	0.	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS NA)	05/25/79-05/25/79	1	69.82	69.82	69.82	69.82	0.	0.	**	**	**	**
01085 VANADIUM, DISSOLVED (UG/L AS V)	05/25/79-05/25/79	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
22703 URANIUM, NATURAL, DISSOLVED	05/25/79-05/25/79	1	5.582	5.582	5.582	5.582	0.	0.	**	**	**	**
50700 FLUORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	05/25/79-05/25/79	1	226.	226.	226.	226.	0.	0.	**	**	**	**
50760 CHLORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	05/25/79-05/25/79	1	105700.	105700.	105700.	105700.	0.	0.	**	**	**	**
50761 BROMINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	05/25/79-05/25/79	1	712.8	712.8	712.8	712.8	0.	0.	**	**	**	**
82041 HELIUM, DISSOLVED IN WATER (UG/L AS HE)	05/25/79-05/25/79	1	7000.	7000.	7000.	7000.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0220

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
							Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	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: CANY0221

NPS Station ID: CANY0221 Location: OCKHART CANYON SPRING 4 Station Type: TYPA/AMBNT/SPRING 9 RMI-Indexes: RMI-Miles: L HUC: 4030005C Major Basin: OLORADO RIVER U Minor Basin: PPER COLORADO RIVER / RF1 Index: 4030005 RF3 Index: 14070004002901.17 Description: THE STATION IS LOCATED ON THE LOCKHART BASIN UTAH 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT LOCKHART CANYON SPRING OUTSIDE THE CANYONLANDS NATIONAL PARK. THE DATA ARE FROM THE REPORT "GROUND WATER RESOURCES IN THE PART OF CANYONLANDS NATIONAL PARK EAST OF THE COLORADO RIVER AND CONTIGUOUS BUREAU OF LAND MANAGEMENT LANDS; UTAH" BY H.R. RICHTER, JR. (APRIL 1980). THE PURPOSE OF THE REPORT IS "TO (1) DESCRIBE THE OCCURRENCE AND CIRCULATION OF GROUND WATER AND (2) IDENTIFY POTENTIALLY DEVELOPABLE GROUND WATER SUPPLIES." FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT CANYONLANDS NATIONAL PARK; 2282 S. WEST RESOURCE BLVD.; MOAB UT 84532 (TEL. 801-259-7164). DATA WERE PROCESSED AND UPLOADED TO STORET BY LISA DUMMER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).	LAT/LON: 38.341495/-109.691724 Depth of Water: 0 Elevation: 0 RF1 Mile Point: 0.000 RF3 Mile Point: 2.36	Agency: 11NPSWRD FIPS State/County: 9037U TAH S/AN JUAN 1 STORET Station ID(s): CANY_NPS_11 Within Park Boundary: No Aquifer: Water Body Id: ECO Region: Distance from RF1: 0.80 Distance from RF3: 0.11
		Date Created: 80/21/90 On/Off RF1: 0 On/Off RF3:

Parameter Inventory for Station: CANY0221

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/28/78-07/28/78	1	16.5	16.5	16.5	16.5	0.	0.	**	**	**	**
00058 FLOW, RATE GALLONS/MIN	07/28/78-07/28/78	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/28/78-07/28/78	1	6240.	6240.	6240.	6240.	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	07/28/78-07/28/78	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	07/28/78-07/28/78	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/28/78-07/28/78	1	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
00440 BICARBONATE ION (MG/L AS HCO3)	07/28/78-07/28/78	1	240.	240.	240.	240.	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	07/28/78-07/28/78	1	760.	760.	760.	760.	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	07/28/78-07/28/78	1	180.	180.	180.	180.	0.	0.	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	07/28/78-07/28/78	1	76.	76.	76.	76.	0.	0.	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	07/28/78-07/28/78	1	1200.	1200.	1200.	1200.	0.	0.	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	07/28/78-07/28/78	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	07/28/78-07/28/78	1	1100.	1100.	1100.	1100.	0.	0.	**	**	**	**
00946 SULFATE, DISSOLVED (MG/L AS SO4)	07/28/78-07/28/78	1	1400.	1400.	1400.	1400.	0.	0.	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	07/28/78-07/28/78	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SiO2)	07/28/78-07/28/78	1	12.	12.	12.	12.	0.	0.	**	**	**	**
01020 BORON, DISSOLVED (UG/L AS B)	07/28/78-07/28/78	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
70300 RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	07/28/78-07/28/78	1	4370.	4370.	4370.	4370.	0.	0.	**	**	**	**
71851 NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/28/78-07/28/78	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0221

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
							Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	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									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	1	1.00	1	1	1.00									
		Drinking Water	250.	1	1	1.00	1	1	1.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	1	1.00	1	1	1.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: CANY0222

NPS Station ID: CANY0222
Location: SLCH505R
Station Type: /TYP/AMBNT/LAKE
RMI-Indexes:
RMI-Miles:
HUC: 14060008
Major Basin: COLORADO RIVER
Minor Basin: GREEN RIVER
RF1 Index: 14060008
RF3 Index: 14070004002901.17
Description:
THE STATION IS LOCATED ON THE CLEOPATRAS CHAIR UTAH 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT A LAKE AND IS INSIDE THE GLEN CANYON NATIONAL RECREATION AREA. EACH SAMPLE WAS FILTERED THROUGH A LESS THAN OR EQUAL TO 0.8 UM FILTER 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 STREAM SEDIMENT; SOIL; SURFACE WATER, AND GROUND WATER DATA. THE "UNIQID" ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "SRLID" 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 LISA DUMMER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

LAT/LON: 38.346198/-110.042003

Agency: 11NPSWRD
FIPS State/County: 49055 UTAH/WAYNE
STORET Station ID(s): GLCA_NURE_15 /5079402
Within Park Boundary: No

Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.80
Distance from RF3: 0.11

Date Created: 01/30/99

On/Off RF1:
On/Off RF3:

Depth of Water: 0
Elevation: 0

RF1 Mile Point: 0.000
RF3 Mile Point: 2.36

Parameter Inventory for Station: CANY0222

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/30/79-05/30/79	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/30/79-05/30/79	1	6000.	6000.	6000.	6000.	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	05/30/79-05/30/79	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	05/30/79-05/30/79	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/30/79-05/30/79	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CACO3)	05/30/79-05/30/79	1	125.	125.	125.	125.	0.	0.	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	05/30/79-05/30/79	1	374.4	374.4	374.4	374.4	0.	0.	**	**	**	**
01085 VANADIUM, DISSOLVED (UG/L AS V)	05/30/79-05/30/79	1	31.	31.	31.	31.	0.	0.	**	**	**	**
22703 URANIUM, NATURAL, DISSOLVED	05/30/79-05/30/79	1	74.64	74.64	74.64	74.64	0.	0.	**	**	**	**
50760 CHLORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	05/30/79-05/30/79	1	782000.	782000.	782000.	782000.	0.	0.	**	**	**	**
50761 BROMINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	05/30/79-05/30/79	1	3740.	3740.	3740.	3740.	0.	0.	**	**	**	**
82041 HELIUM, DISSOLVED IN WATER (UG/L AS HE)	05/30/79-05/30/79	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: CANY0222

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
							Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	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	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: CANY0223

NPS Station ID: CANY0223
Location: C17291
Station Type: /TYPA/AMBNT/STREAM
RMI-Indexes:
RMI-Miles:
HUC: 14030005
Major Basin: COLORADO RIVER
Minor Basin: UPPER COLORADO RIVER
RF1 Index: 14030005
RF3 Index: 14070004002901.17
Description:
THE STATION IS LOCATED ON THE LOCKHART BASIN UTAH 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT A STREAM AND IS OUTSIDE OF THE CANYONLANDS NATIONAL PARK. EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO ONE WITH REAGENT-GRADE NITRIC ACID. 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 STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "LASLID" ENTRY (LOS ALAMOS SCIENTIFIC LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY LISA DUMMER; NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

LAT/LON: 38.348615/-109.697199

Agency: 11NPSWRD
FIPS State/County: 49037 UTAH/SAN JUAN
STORET Station ID(s): CANY_NURE_15 /1041184
Within Park Boundary: No

Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.80
Distance from RF3: 0.11

Date Created: 01/30/99

On/Off RF1:
On/Off RF3:

Parameter Inventory for Station: CANY0223

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/25/78-06/25/78	1	29.5	29.5	29.5	29.5	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/25/78-06/25/78	1	4400.	4400.	4400.	4400.	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	06/25/78-06/25/78	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	06/25/78-06/25/78	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/25/78-06/25/78	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS CA)	06/25/78-06/25/78	1	173.	173.	173.	173.	0.	0.	**	**	**	**
01030 CHROMIUM, DISSOLVED (UG/L AS CR)	06/25/78-06/25/78	1	75.	75.	75.	75.	0.	0.	**	**	**	**
01035 COBALT, DISSOLVED (UG/L AS CO)	06/25/78-06/25/78	1	546.	546.	546.	546.	0.	0.	**	**	**	**
01040 COPPER, DISSOLVED (UG/L AS CU)	06/25/78-06/25/78	1	59.	59.	59.	59.	0.	0.	**	**	**	**
01046 IRON, DISSOLVED (UG/L AS FE)	06/25/78-06/25/78	1	100.	100.	100.	100.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0223

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
							Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	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
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

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

Station Inventory for Station: CANY0224

NPS Station ID: CANY0224
 Location: BARRIER CREEK SPRING T28S R15E S25 SE1/4 NW1/4
 Station Type: /TYPA/AMBNT/SPRING
 RMI-Indexes:
 RMI-Miles:
 HUC: 14060008
 Major Basin:
 Minor Basin:
 RF1 Index:
 RF3 Index: 14070004002901.17
 Description:

LAT/LON: 38.348500/-110.226000

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 2.36

Agency: 21UTAH
 FIPS State/County: 49055 UTAH/WAYNE
 STORET Station ID(s): 599250
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.80
 Distance from RF3: 0.11

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: CANY0224

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/14/80-04/24/81	2	15.25	15.25	26.	4.5	231.125	15.203	**	**	**	**
00058 FLOW, RATE GALLONS/MIN	11/14/80-04/24/81	2	1.	1.	1.15	0.85	0.045	0.212	**	**	**	**
00094 SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	11/14/80-04/24/81	2	485.	485.	520.	450.	2450.	49.497	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	11/14/80-04/24/81	2	6.15	6.15	6.3	6.	0.045	0.212	**	**	**	**
00406 PH, FIELD, STANDARD UNITS SU	11/14/80-04/24/81	2	8.3	8.3	8.6	8.	0.18	0.424	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS	11/14/80-04/24/81	2	8.204	8.204	8.6	8.	0.199	0.446	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/14/80-04/24/81	2	0.006	0.006	0.01	0.003	0.	0.005	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	11/14/80-04/24/81	2	268.	268.	280.	256.	288.	16.971	**	**	**	**
00440 BICARBONATE ION (MG/L AS HCO3)	11/14/80-04/24/81	2	325.74	325.74	341.6	309.88	503.079	22.429	**	**	**	**
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	11/14/80-04/24/81	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00665 PHOSPHORUS, TOTAL (MG/L AS P)	11/14/80-04/24/81	2 ##	0.04	0.04	0.08	0.001	0.003	0.056	**	**	**	**
00916 CALCIUM, TOTAL (MG/L AS Ca)	11/14/80-04/24/81	2	48.	48.	48.	48.	0.	0.	**	**	**	**
00927 MAGNESIUM, TOTAL (MG/L AS MG)	11/14/80-04/24/81	2	37.35	37.35	38.7	36.	3.645	1.909	**	**	**	**
00929 SODIUM, TOTAL (MG/L AS Na)	11/14/80-04/24/81	2	11.	11.	12.	10.	2.	1.414	**	**	**	**
00937 POTASSIUM, TOTAL MG/L AS K)	11/14/80-04/24/81	2	4.91	4.91	5.2	4.62	0.168	0.41	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	11/14/80-04/24/81	2	13.34	13.34	20.	6.68	88.711	9.419	**	**	**	**
00946 SULFATE, DISSOLVED (MG/L AS SO4)	11/14/80-04/24/81	2	18.95	18.95	21.4	16.5	12.005	3.465	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SiO2)	11/14/80-04/24/81	2	10.5	10.5	11.5	9.5	2.	1.414	**	**	**	**
01002 ARSENIC, TOTAL (UG/L AS AS)	11/14/80-04/24/81	2 ##	1.75	1.75	3.	0.5	3.125	1.768	**	**	**	**
01027 CADMIUM, TOTAL (UG/L AS CD)	11/14/80-04/24/81	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01034 CHROMIUM, TOTAL (UG/L AS CR)	11/14/80-04/24/81	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01037 COBALT, TOTAL (UG/L AS CO)	11/14/80-04/24/81	2	7.	7.	9.	5.	8.	2.828	**	**	**	**
01042 COPPER, TOTAL (UG/L AS CU)	11/14/80-04/24/81	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01051 LEAD, TOTAL (UG/L AS PB)	11/14/80-04/24/81	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01062 MOLYBDENUM, TOTAL (UG/L AS MO)	11/14/80-04/24/81	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01067 NICKEL, TOTAL (UG/L AS NI)	11/14/80-04/24/81	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01092 ZINC, TOTAL (UG/L AS ZN)	11/14/80-04/24/81	2	5.	5.	5.	5.	0.	0.	**	**	**	**
01147 SELENIUM, TOTAL (UG/L AS SE)	11/14/80-04/24/81	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31506 COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/14/80-04/24/81	2	75055.	75055.	150000.	110.11233506050.	105988.235	2.217	**	**	**	**
31506 LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/14/80-04/24/81	2	3.609	3.609	5.176	2.041	4.913		**	**	**	**
31506 GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			4062.019								
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	11/14/80-04/24/81	2	240.	240.	290.	190.	5000.	70.711	**	**	**	**
71900 MERCURY, TOTAL (UG/L AS HG)	11/14/80-04/24/81	2 ##	0.25	0.25	0.4	0.1	0.045	0.212	**	**	**	**
82298 BROMIDE DISSOLVED AS BR IN WATER UG/L	11/14/80-04/24/81	2 ##	500.	500.	500.	500.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0224

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00				1	0	0.00	1	0	0.00			
00406 PH, FIELD	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			
00620 NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00				1	0	0.00	1	0	0.00			
00941 CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	250.	2	0	0.00				1	0	0.00	1	0	0.00			
00946 SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	2	0	0.00				1	0	0.00	1	0	0.00			
01002 ARSENIC, TOTAL	Fresh Acute	360.	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	50.	2	0	0.00				1	0	0.00	1	0	0.00			
01027 CADMIUM, TOTAL	Fresh Acute	3.9	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	5.	2	0	0.00				1	0	0.00	1	0	0.00			
01034 CHROMIUM, TOTAL	Drinking Water	100.	2	0	0.00				1	0	0.00	1	0	0.00			
01042 COPPER, TOTAL	Fresh Acute	18.	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	1300.	2	0	0.00				1	0	0.00	1	0	0.00			
01051 LEAD, TOTAL	Fresh Acute	82.	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	15.	2	0	0.00				1	0	0.00	1	0	0.00			
01067 NICKEL, TOTAL	Fresh Acute	1400.	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	100.	2	0	0.00				1	0	0.00	1	0	0.00			
01092 ZINC, TOTAL	Fresh Acute	120.	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	5000.	2	0	0.00				1	0	0.00	1	0	0.00			
01147 SELENIUM, TOTAL	Fresh Acute	20.	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	50.	2	0	0.00				1	0	0.00	1	0	0.00			
31506 COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	2	1	0.50				1	0	0.00	1	1	1.00			
71900 MERCURY, TOTAL	Fresh Acute	2.4	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	2.	2	0	0.00				1	0	0.00	1	0	0.00			

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

Station Inventory for Station: CANY0225

NPS Station ID: CANY0225
 Location: ANDERSON BOTTOM - GREEN RIVER
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 14060008
 Major Basin:
 Minor Basin:
 RF1 Index: 14060008001
 RF3 Index: 14070004004400.00
 Description:

LAT/LON: 38.365003/-110.020004

Depth of Water: 0
 Elevation: 0

RF1 Mile Point: 31.690
 RF3 Mile Point: 2.97

Agency: 112WRD
 FIPS State/County: 49055 UTAH/WAYNE
 STORET Station ID(s): 382154110011200
 Within Park Boundary: Yes

Date Created: 03/11/78

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.58

On/Off RF1: ON
 On/Off RF3:

Parameter Inventory for Station: CANY0225

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/22/77-10/22/77	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/22/77-10/22/77	1	965.	965.	965.	965.	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	10/22/77-10/22/77	1	7.69	7.69	7.69	7.69	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	10/22/77-10/22/77	1	7.69	7.69	7.69	7.69	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/22/77-10/22/77	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00405 CARBON DIOXIDE (MG/L AS CO2)	10/22/77-10/22/77	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	10/22/77-10/22/77	1	180.	180.	180.	180.	0.	0.	**	**	**	**
00440 BICARBONATE ION (MG/L AS HCO3)	10/22/77-10/22/77	1	220.	220.	220.	220.	0.	0.	**	**	**	**
00445 CARBONATE ION (MG/L AS CO3)	10/22/77-10/22/77	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	10/22/77-10/22/77	1	330.	330.	330.	330.	0.	0.	**	**	**	**
00902 HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	10/22/77-10/22/77	1	150.	150.	150.	150.	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	10/22/77-10/22/77	1	77.	77.	77.	77.	0.	0.	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	10/22/77-10/22/77	1	33.	33.	33.	33.	0.	0.	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	10/22/77-10/22/77	1	92.	92.	92.	92.	0.	0.	**	**	**	**
00931 SODIUM ADSORPTION RATIO	10/22/77-10/22/77	1	2.2	2.2	2.2	2.2	0.	0.	**	**	**	**
00932 SODIUM, PERCENT	10/22/77-10/22/77	1	38.	38.	38.	38.	0.	0.	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	10/22/77-10/22/77	1	3.4	3.4	3.4	3.4	0.	0.	**	**	**	**
00940 CHLORIDE, TOTAL IN WATER MG/L	10/22/77-10/22/77	1	35.	35.	35.	35.	0.	0.	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	10/22/77-10/22/77	1	270.	270.	270.	270.	0.	0.	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	10/22/77-10/22/77	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SiO2)	10/22/77-10/22/77	1	26.	26.	26.	26.	0.	0.	**	**	**	**
01080 STRONTIUM, DISSOLVED (UG/L AS SR)	10/22/77-10/22/77	1	880.	880.	880.	880.	0.	0.	**	**	**	**
01130 LITHIUM, DISSOLVED (UG/L AS Li)	10/22/77-10/22/77	1	40.	40.	40.	40.	0.	0.	**	**	**	**
70300 RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	10/22/77-10/22/77	1	641.	641.	641.	641.	0.	0.	**	**	**	**
70301 SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/22/77-10/22/77	1	646.	646.	646.	646.	0.	0.	**	**	**	**
70303 SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/22/77-10/22/77	1	0.87	0.87	0.87	0.87	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0225

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
00400 PH	Fresh Chronic	9.	1	0	0.00	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
	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

EPA Water Quality Criteria Analysis for Station: CANY0225

Parameter	Std. Type	Std. Value	Total			-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
			Obs	Exceed	Prop.	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						
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	1	1.00				1	1	1.00						
	Drinking Water	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

Station Inventory for Station: CANY0226

NPS Station ID: CANY0226	LAT/LON: 38.368892/-109.773642	Agency: 11NPSWRD	Date Created: 08/07/99
Location: LATHROP CANYON CONFLUENCE WITH COLORADO RIVER		FIPS State/County: 49037 UTAH/SAN JUAN	
Station Type: /TYPA/AMBNT/STREAM		STORET Station ID(s): CANY_BLM_LCCN	
RMI-Indexes:		Within Park Boundary: Yes	
RMI-Miles:			
HUC: 14030005	Depth of Water: 0	Aquifer:	
Major Basin: COLORADO RIVER	Elevation: 4000	Water Body Id:	
Minor Basin: UPPER COLORADO RIVER		ECO Region:	
RF1 Index: 14030005	RF1 Mile Point: 0.000	Distance from RF1: 0.80	On/Off RF1:
RF3 Index: 14070004002901.17	RF3 Mile Point: 2.36	Distance from RF3: 0.11	On/Off RF3:
Description:			
THE STATION IS LOCATED ON THE MONUMENT BASIN UT 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT LATHROP CANYON AT ITS CONFLUENCE WITH THE COLORADO RIVER AND IS INSIDE THE CANYONLANDS NATIONAL PARK. THE DATA ARE FROM THE REPORT "ARCHES AND CANYONLANDS NATIONAL PARK AQUATIC STUDY" BY J. CONNOR (NPS) AND W.G. KEPNER (BLM) (1983). THE PURPOSE OF THE STUDY WAS TO MONITOR THE IMPACTS BY VISITORS IN THE BACKCOUNTRY TO WATER SOURCES IN THE PARKS. THE STUDY WAS A JOINT EFFORT BETWEEN THE NATIONAL PARK SERVICE AND THE BUREAU OF LAND MANAGEMENT. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT CANYONLANDS NATIONAL PARK; 2282 WEST RESOURCE BLVD.; MOAB UT 84532 (TEL. 801-259-7164). DATA WERE PROCESSED AND UPLOADED TO STORET BY LISA DUMMER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DR. SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).			

Parameter Inventory for Station: CANY0226

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/01/83-09/01/83	1	23.	23.	23.	23.	0.	0.	**	**	**	**
00094 SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	09/01/83-09/01/83	1	1015.	1015.	1015.	1015.	0.	0.	**	**	**	**
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/01/83-09/01/83	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00406 PH, FIELD, STANDARD UNITS SU	09/01/83-09/01/83	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS	09/01/83-09/01/83	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/01/83-09/01/83	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	09/01/83-09/01/83	1	100.	100.	100.	100.	0.	0.	**	**	**	**
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	09/01/83-09/01/83	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	09/01/83-09/01/83	1	340.	340.	340.	340.	0.	0.	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	09/01/83-09/01/83	1	300.	300.	300.	300.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0226

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00	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	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

EPA Water Quality Criteria Analysis for Station: CANY0226

Parameter	Std. Type	Std. Value	Total		Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
			Obs				Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00620	NITRATE NITROGEN, TOTAL AS N	10.	1		0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	250.	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: CANY0227

NPS Station ID: CANY0227
 Location: COLORADO R AT LATHROP CAN
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 14030005
 Major Basin:
 Minor Basin:
 RF1 Index:
 RF3 Index: 14070001041400.00

LAT/LON: 38.368833/-109.773500

Depth of Water: 0
 Elevation: 0

RF1 Mile Point: 0.000
 RF3 Mile Point: 2.13

Description:
 WATER QUALITY STATION IS LOCATED IN CANYONLANDS NP. THIS PARK
 WATER SAMPLES WERE COLLECTED BY CANYONLANDS NATIONAL PARK
 435-259-3911); ANALYZED BY THE UTAH DEPARTMENT OF HEALTH
 ENVIRONMENTAL QUALITY - DIVISION OF WATER QUALITY.

Agency: 21UTAH
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): 495242
 Within Park Boundary: Yes

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 22.10
 Distance from RF3: 0.36

On/Off RF1:
 On/Off RF3:

IS MANAGED BY THE NATIONAL PARK SERVICE'S SOUTHEAST UTAH GROUP.
 NAT RES MANAGEMENT STAFF (125 W. 200 S.; MOAB UT 84532; TELEPHONE:
 LABORATORY AND UPLOADED INTO STORET BY THE UTAH DEPARTMENT OF

Parameter Inventory for Station: CANY0227

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/15/83-08/06/98	48	14.9	15.688	27.	0.3	46.121	6.791	7.08	11.7	22.72	24.31
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/28/93-08/20/97	17	28.	26.853	35.	10.	55.626	7.458	12.24	23.8	33.85	35.
00061 FLOW, STREAM, INSTANTANEOUS CFS	06/15/83-09/09/97	14	7450.	14297.143	43000.	3500.	194417960.44	13943.384	3700.	5520.	18750.	43000.
00076p TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/15/83-08/06/98	53	109.	166.13	1000.	7.6	27751.9	166.589	18.38	45.	250.	360.
00094p SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/15/83-08/06/98	45	819.	862.066	3800.	1.25	489212.482	699.437	275.8	404.5	1036.5	1422.4
00095p SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/15/83-08/06/98	52	917.5	856.462	1544.	327.	123026.332	350.751	366.5	466.75	1126.25	1353.2
00191p HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	01/15/85-08/06/98	44	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00300 OXYGEN, DISSOLVED MG/L	08/02/84-08/06/98	37	8.4	8.728	16.3	4.1	4.777	2.186	6.3	7.5	9.55	11.62
00335 COD, .025N K2CR2O7 MG/L	06/15/83-07/09/90	25	10.	12.12	24.	5.	44.86	6.698	5.	6.	18.	23.4
00400 PH (STANDARD UNITS)	10/03/86-08/06/98	38	8.085	8.045	8.44	7.3	0.08	0.282	7.68	7.9	8.255	8.403
00400 CONVERTED PH (STANDARD UNITS)	10/03/86-08/06/98	38	8.085	7.937	8.44	7.3	0.092	0.303	7.68	7.9	8.255	8.403
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/03/86-08/06/98	38	0.008	0.012	0.05	0.004	0.	0.011	0.004	0.006	0.013	0.021
00405p CARBON DIOXIDE (MG/L AS CO2)	06/15/83-08/06/98	53	2.	2.604	11.	1.	4.205	2.051	1.	1.	3.5	5.6
00406p PH, FIELD, STANDARD UNITS SU	08/02/84-08/06/98	40	7.7	7.708	9.3	6.2	0.362	0.602	6.92	7.3	8.	8.5
00406p CONVERTED PH, FIELD, STANDARD UNITS	08/02/84-08/06/98	40	7.7	7.298	9.3	6.2	0.534	0.731	6.92	7.3	8.	8.5
00406p MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/02/84-08/06/98	40	0.02	0.05	0.631	0.001	0.011	0.105	0.003	0.01	0.05	0.121
00410p ALKALINITY, TOTAL (MG/L AS HCO3)	06/15/83-08/06/98	52	133.5	127.712	177.	55.	814.562	28.541	85.6	106.5	150.	162.
00440p BICARBONATE ION (MG/L AS HCO3)	06/15/83-08/06/98	53	162.	154.849	216.	67.	1223.208	34.974	104.8	127.5	182.5	198.
00445p CARBONATE ION (MG/L AS CO3)	01/15/85-08/06/98	44	0.	0.114	5.	0.	0.568	0.754	0.	0.	0.	0.
00530p RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/15/83-08/06/98	53	295.	651.689	5050.	29.	907943.6	952.861	51.2	131.2	810.	1772.8
00610p NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/15/83-08/06/98	53 ##	0.05	0.059	0.2	0.025	0.002	0.043	0.025	0.025	0.1	0.105
00615 NITRITE NITROGEN, TOTAL (MG/L AS N)	05/20/84-07/09/90	19 ##	0.005	0.006	0.01	0.005	0.	0.002	0.005	0.005	0.005	0.01
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	05/20/84-07/09/90	19	0.54	0.609	1.52	0.14	0.096	0.31	0.3	0.4	0.82	0.95
00625p NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/15/83-05/09/97	46	0.5	0.904	5.2	0.05	1.06	1.03	0.2	0.3	1.125	2.32
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	06/15/83-08/21/96	7	0.38	0.504	0.8	0.16	0.057	0.239	**	**	**	**
00631 NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/16/91-08/06/98	25	0.46	0.591	1.39	0.18	0.11	0.332	0.246	0.33	0.818	1.124
00665p PHOSPHORUS, TOTAL (MG/L AS P)	06/15/83-08/06/98	49	0.185	0.311	1.95	0.01	0.153	0.391	0.04	0.085	0.365	0.59
00666 PHOSPHORUS, DISSOLVED (MG/L AS P)	04/16/91-09/09/97	22	0.01	0.02	0.12	0.005	0.001	0.03	0.005	0.005	0.013	0.08
00680 CARBON, TOTAL ORGANIC (MG/L AS C)	06/15/83-07/09/90	25	5.4	8.46	37.9	1.6	75.649	8.698	2.32	2.8	9.3	21.9

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

Parameter Inventory for Station: CANY0227

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00900p	HARDNESS, TOTAL (MG/L AS CaCO3)	06/15/83-08/06/98	53	281.8	281.191	538.6	119.8	12428.539	111.483	131.58	164.8	376.05	434.08
00915p	CALCIUM, DISSOLVED (MG/L AS Ca)	06/15/83-08/06/98	53	72.	73.949	140.	34.	801.127	28.304	36.88	46.	99.1	110.
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/15/83-08/06/98	53	24.	23.504	46.	8.5	105.148	10.254	10.	14.	32.	36.64
00930p	SODIUM, DISSOLVED (MG/L AS Na)	06/15/83-08/06/98	53	78.	73.091	160.	17.	1454.644	38.14	23.4	38.5	99.05	120.
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	06/15/83-08/06/98	53	3.94	3.607	6.	1.4	1.42	1.192	1.9	2.9	4.2	5.12
00941p	CHLORIDE, DISSOLVED IN WATER MG/L	06/15/83-08/06/98	53	70.	68.757	162.5	2.1	1766.918	42.035	16.8	23.25	105.	124.
00946p	SULFATE, DISSOLVED (MG/L AS SO4)	06/15/83-08/06/98	53	203.	204.8	460.	60.	11880.64	108.998	68.406	88.91	294.725	324.992
01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/08/92-08/06/98	21 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
01005	BARIUM, DISSOLVED (UG/L AS Ba)	10/08/92-08/06/98	21	70.	72.619	110.	41.	327.348	18.093	43.6	59.5	85.	98.
01025	CADMIUM, DISSOLVED (UG/L AS Cd)	10/08/92-08/06/98	21 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
01030	CHROMIUM, DISSOLVED (UG/L AS Cr)	10/08/92-08/06/98	21 ##	2.5	3.5	15.	2.5	10.375	3.221	2.5	2.5	2.5	9.3
01040	COPPER, DISSOLVED (UG/L AS Cu)	10/08/92-08/06/98	21 ##	6.	7.381	15.	6.	6.048	2.459	6.	6.	10.	10.
01046	IRON, DISSOLVED (UG/L AS Fe)	10/08/92-08/06/98	21 ##	15.	24.419	88.4	10.	454.069	21.309	10.	10.	29.8	64.24
01049	LEAD, DISSOLVED (UG/L AS Pb)	10/08/92-08/06/98	21 ##	1.5	1.548	2.5	1.5	0.048	0.218	1.5	1.5	1.5	1.5
01056	MANGANESE, DISSOLVED (UG/L AS Mn)	10/08/92-08/06/98	21 ##	2.5	4.143	13.	2.5	7.09	2.663	2.5	2.5	5.3	7.
01075	SILVER, DISSOLVED (UG/L AS Ag)	10/08/92-08/06/98	21 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
01090	ZINC, DISSOLVED (UG/L AS Zn)	10/08/92-08/06/98	21 ##	15.	16.571	53.	10.	70.857	8.418	15.	15.	15.	15.
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	10/20/94-08/06/98	16 ##	15.	56.	360.	15.	7380.8	85.912	15.	15.	72.75	177.3
01145	SELENIUM, DISSOLVED (UG/L AS Se)	10/08/92-08/06/98	21	3.1	2.986	6.	0.5	2.524	1.589	1.	1.65	4.35	5.
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	06/15/83-05/15/93	29 ##	0.25	0.621	2.5	0.25	0.521	0.722	0.25	0.25	0.75	2.5
01501	ALPHA, TOTAL	11/04/83-04/17/90	21	8.	14.357	83.	0.5	335.129	18.307	2.	4.5	17.5	34.6
03501	BETA, TOTAL	11/04/83-04/17/90	21	11.	24.619	174.	5.	1380.248	37.152	5.	5.	34.	48.
07000	TRITIUM (1H3),TOTAL (PICOCURIES/LITER)	08/04/86-08/04/86	1	500.	500.	500.	500.	0.	0.	**	**	**	**
09501	RADIUM 226, TOTAL	11/04/83-07/04/89	17 ##	0.25	0.591	3.	0.05	0.502	0.708	0.09	0.25	1.	1.4
11501	RADIUM 228, TOTAL	08/04/86-08/04/86	1	1.	1.	1.	1.	0.	0.	**	**	**	**
38442	DICAMBA (BANVEL) WATER,DISSUG/L	07/09/90-07/09/90	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
61027	ANIONS, SUM, TOTAL IN WATER MG/L	07/18/91-08/06/98	27	309.	333.037	652.	117.	27835.806	166.841	129.2	169.	493.	541.
61944	CATIONS, SUM, TOTAL IN WATER, MG/L	07/18/91-08/06/98	27	152.	164.222	276.	61.	5829.026	76.348	70.6	85.	240.	267.
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/15/83-08/06/98	52	589.	566.981	1078.	204.	59992.215	244.933	228.8	353.75	743.5	912.4
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	05/20/84-07/09/90	20	0.075	0.19	1.038	0.003	0.064	0.253	0.02	0.024	0.328	0.465
71890	MERCURY, DISSOLVED (UG/L AS Hg)	10/08/92-08/06/98	21 ##	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/15/83-05/15/93	29	2.	2.14	5.4	0.25	1.844	1.358	0.25	1.15	2.5	4.5
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	06/15/83-05/15/93	29	0.08	0.089	0.3	0.025	0.003	0.056	0.025	0.06	0.12	0.15
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/15/83-05/15/93	29 ##	0.5	0.707	2.	0.5	0.116	0.341	0.5	0.5	1.	1.
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/15/83-05/15/93	29 ##	2.5	5.81	60.	2.5	116.722	10.804	2.5	2.5	5.	8.
82707	COBALT, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/14/85-10/14/85	1	25.	25.	25.	25.	0.	0.	**	**	**	**
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/15/83-05/15/93	28 ##	10.	14.089	30.	5.	62.112	7.881	5.	10.	20.	27.3
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	06/15/83-05/15/93	29	1.59	2.993	10.96	0.01	8.93	2.988	0.24	0.555	4.97	6.79
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/15/83-05/15/93	29 ##	2.5	9.397	40.	1.5	115.042	10.726	2.5	2.5	14.5	30.
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/15/83-05/15/93	29	80.	272.397	1400.	2.5	133427.239	365.277	15.	30.5	315.	950.
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/15/83-05/15/93	29 ##	0.1	0.191	1.5	0.05	0.101	0.317	0.05	0.05	0.1	0.6
82715	NICKEL, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/15/83-07/13/83	3 ##	5.	6.667	10.	5.	8.333	2.887	**	**	**	**
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/15/83-05/15/93	29 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/15/83-05/15/93	29	30.	41.966	160.	2.5	1704.624	41.287	5.	10.	60.	115.

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

EPA Water Quality Criteria Analysis for Station: CANY0227

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	53	0.75	20	15	0.75	9	4	0.44	12	11	0.92	12	10	0.83
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	37	0	0.00	14	0	0.00	8	0	0.00	9	0	0.00	6	0.00
00400	PH	Fresh Chronic	9.	38	0	0.00	17	0	0.00	4	0	0.00	9	0	0.00	8	0.00
		Other-Lo Lim.	6.5	38	0	0.00	17	0	0.00	4	0	0.00	9	0	0.00	8	0.00
00406	PH, FIELD	Fresh Chronic	9.	40	1	0.03	15	0	0.00	8	1	0.13	9	0	0.00	8	0.00
		Other-Lo Lim.	6.5	40	1	0.03	15	0	0.00	8	0	0.00	9	1	0.11	8	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	19	0	0.00	6	0	0.00	5	0	0.00	4	0	0.00	4	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	19	0	0.00	6	0	0.00	5	0	0.00	4	0	0.00	4	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	7	0	0.00	2	0	0.00	2	0	0.00			3	0	0.00

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

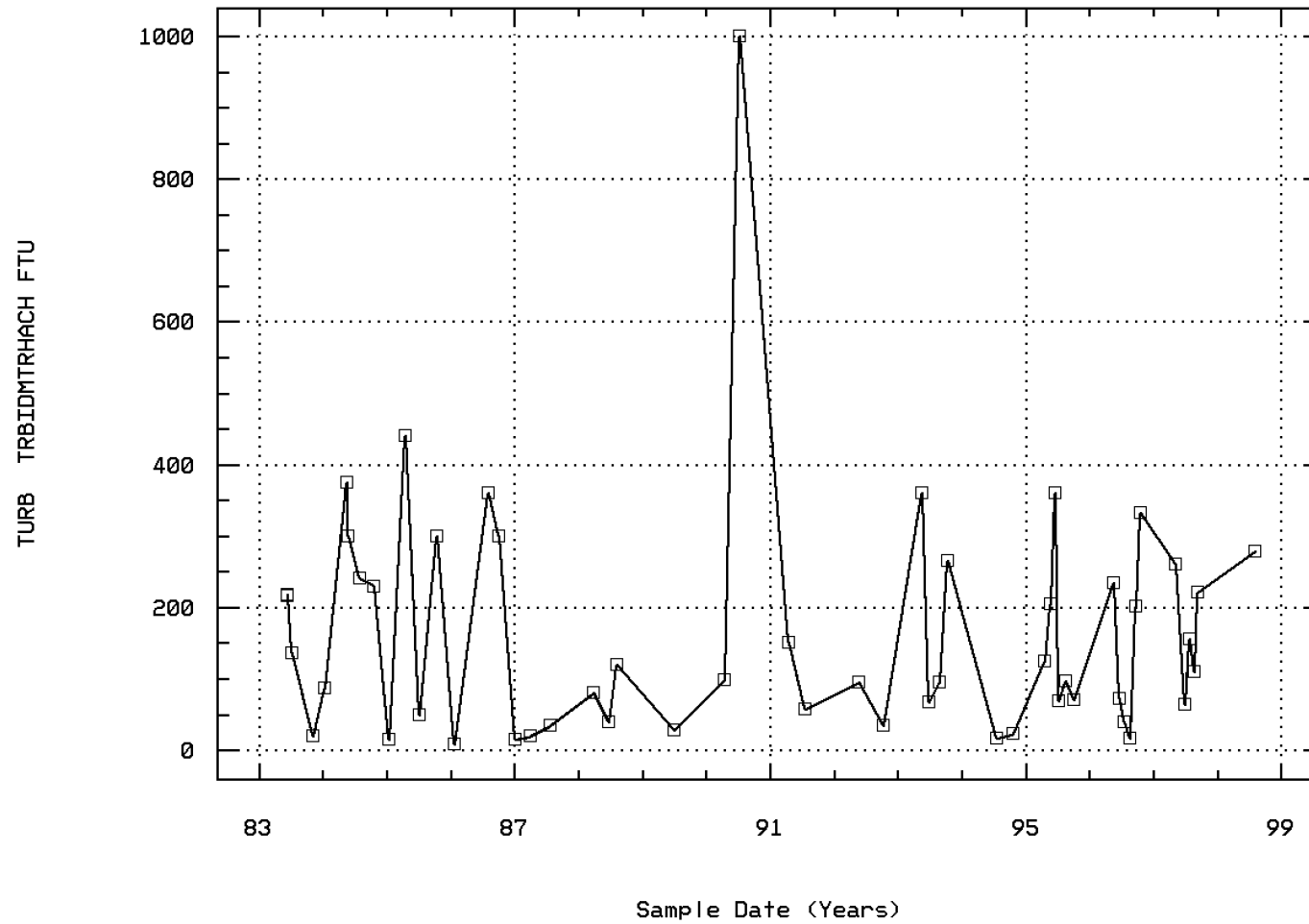
EPA Water Quality Criteria Analysis for Station: CANY0227

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	10.	25	0	0.00	12	0	0.00	2	0	0.00	7	0	0.00	4	0	0.00
00941	CHLORIDE, DISSOLVED IN WATER	860.	53	0	0.00	20	0	0.00	9	0	0.00	12	0	0.00	12	0	0.00
	Drinking Water	250.	53	0	0.00	20	0	0.00	9	0	0.00	12	0	0.00	12	0	0.00
00946	SULFATE, DISSOLVED (AS SO4)	250.	53	20	0.38	20	13	0.65	9	4	0.44	12	1	0.08	12	2	0.17
01000	ARSENIC, DISSOLVED	360.	21	0	0.00	12	0	0.00	1	0	0.00	4	0	0.00	4	0	0.00
	Drinking Water	50.	21	0	0.00	12	0	0.00	1	0	0.00	4	0	0.00	4	0	0.00
01005	BARIUM, DISSOLVED	2000.	21	0	0.00	12	0	0.00	1	0	0.00	4	0	0.00	4	0	0.00
01025	CADMIUM, DISSOLVED	3.9	21	0	0.00	12	0	0.00	1	0	0.00	4	0	0.00	4	0	0.00
	Drinking Water	5.	21	0	0.00	12	0	0.00	1	0	0.00	4	0	0.00	4	0	0.00
01030	CHROMIUM, DISSOLVED	100.	21	0	0.00	12	0	0.00	1	0	0.00	4	0	0.00	4	0	0.00
01040	COPPER, DISSOLVED	18.	21	0	0.00	12	0	0.00	1	0	0.00	4	0	0.00	4	0	0.00
	Drinking Water	1300.	21	0	0.00	12	0	0.00	1	0	0.00	4	0	0.00	4	0	0.00
01049	LEAD, DISSOLVED	82.	21	0	0.00	12	0	0.00	1	0	0.00	4	0	0.00	4	0	0.00
	Drinking Water	15.	21	0	0.00	12	0	0.00	1	0	0.00	4	0	0.00	4	0	0.00
01075	SILVER, DISSOLVED	4.1	21	0	0.00	12	0	0.00	1	0	0.00	4	0	0.00	4	0	0.00
	Drinking Water	100.	21	0	0.00	12	0	0.00	1	0	0.00	4	0	0.00	4	0	0.00
01090	ZINC, DISSOLVED	120.	21	0	0.00	12	0	0.00	1	0	0.00	4	0	0.00	4	0	0.00
	Drinking Water	5000.	21	0	0.00	12	0	0.00	1	0	0.00	4	0	0.00	4	0	0.00
01145	SELENIUM, DISSOLVED	20.	21	0	0.00	12	0	0.00	1	0	0.00	4	0	0.00	4	0	0.00
	Drinking Water	50.	21	0	0.00	12	0	0.00	1	0	0.00	4	0	0.00	4	0	0.00
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE	20.	29	0	0.00	7	0	0.00	7	0	0.00	8	0	0.00	7	0	0.00
	Drinking Water	50.	29	0	0.00	7	0	0.00	7	0	0.00	8	0	0.00	7	0	0.00
07000	TRITIUM, TOTAL	20000.	1	0	0.00	1	0	0.00									
09501	RADIUM 226, TOTAL	5.	17	0	0.00	5	0	0.00	6	0	0.00	2	0	0.00	4	0	0.00
11501	RADIUM 228, TOTAL	5.	1	0	0.00	1	0	0.00									
71890	MERCURY, DISSOLVED	2.4	21	0	0.00	12	0	0.00	1	0	0.00	4	0	0.00	4	0	0.00
	Drinking Water	2.	21	0	0.00	12	0	0.00	1	0	0.00	4	0	0.00	4	0	0.00
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATE	360.	29	0	0.00	7	0	0.00	7	0	0.00	8	0	0.00	7	0	0.00
	Drinking Water	50.	29	0	0.00	7	0	0.00	7	0	0.00	8	0	0.00	7	0	0.00
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER	2.	29	0	0.00	7	0	0.00	7	0	0.00	8	0	0.00	7	0	0.00
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATE	3.9	29	0	0.00	7	0	0.00	7	0	0.00	8	0	0.00	7	0	0.00
	Drinking Water	5.	29	0	0.00	7	0	0.00	7	0	0.00	8	0	0.00	7	0	0.00
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WAT	100.	29	0	0.00	7	0	0.00	7	0	0.00	8	0	0.00	7	0	0.00
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER	18.	28	9	0.32	6	3	0.50	7	2	0.29	8	3	0.38	7	1	0.14
	Drinking Water	1300.	28	0	0.00	6	0	0.00	7	0	0.00	8	0	0.00	7	0	0.00
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER	82.	29	0	0.00	7	0	0.00	7	0	0.00	8	0	0.00	7	0	0.00
	Drinking Water	15.	29	7	0.24	7	0	0.00	7	0	0.00	8	3	0.38	7	4	0.57
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATE	2.4	29	0	0.00	7	0	0.00	7	0	0.00	8	0	0.00	7	0	0.00
	Drinking Water	2.	29	0	0.00	7	0	0.00	7	0	0.00	8	0	0.00	7	0	0.00
82715	NICKEL, FIELD ACIDIFIED, DECANTED, WATER	1400.	3	0	0.00										3	0	0.00
	Drinking Water	100.	3	0	0.00										3	0	0.00
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER	4.1	29	0	0.00	7	0	0.00	7	0	0.00	8	0	0.00	7	0	0.00
	Drinking Water	100.	29	0	0.00	7	0	0.00	7	0	0.00	8	0	0.00	7	0	0.00
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER	120.	29	1	0.03	7	0	0.00	7	0	0.00	8	1	0.13	7	0	0.00
	Drinking Water	5000.	29	0	0.00	7	0	0.00	7	0	0.00	8	0	0.00	7	0	0.00

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

Station: CANY0227 Parameter Code: 00076

TURBIDITY, HACH TURBIDIMETER (FORMAZIN T

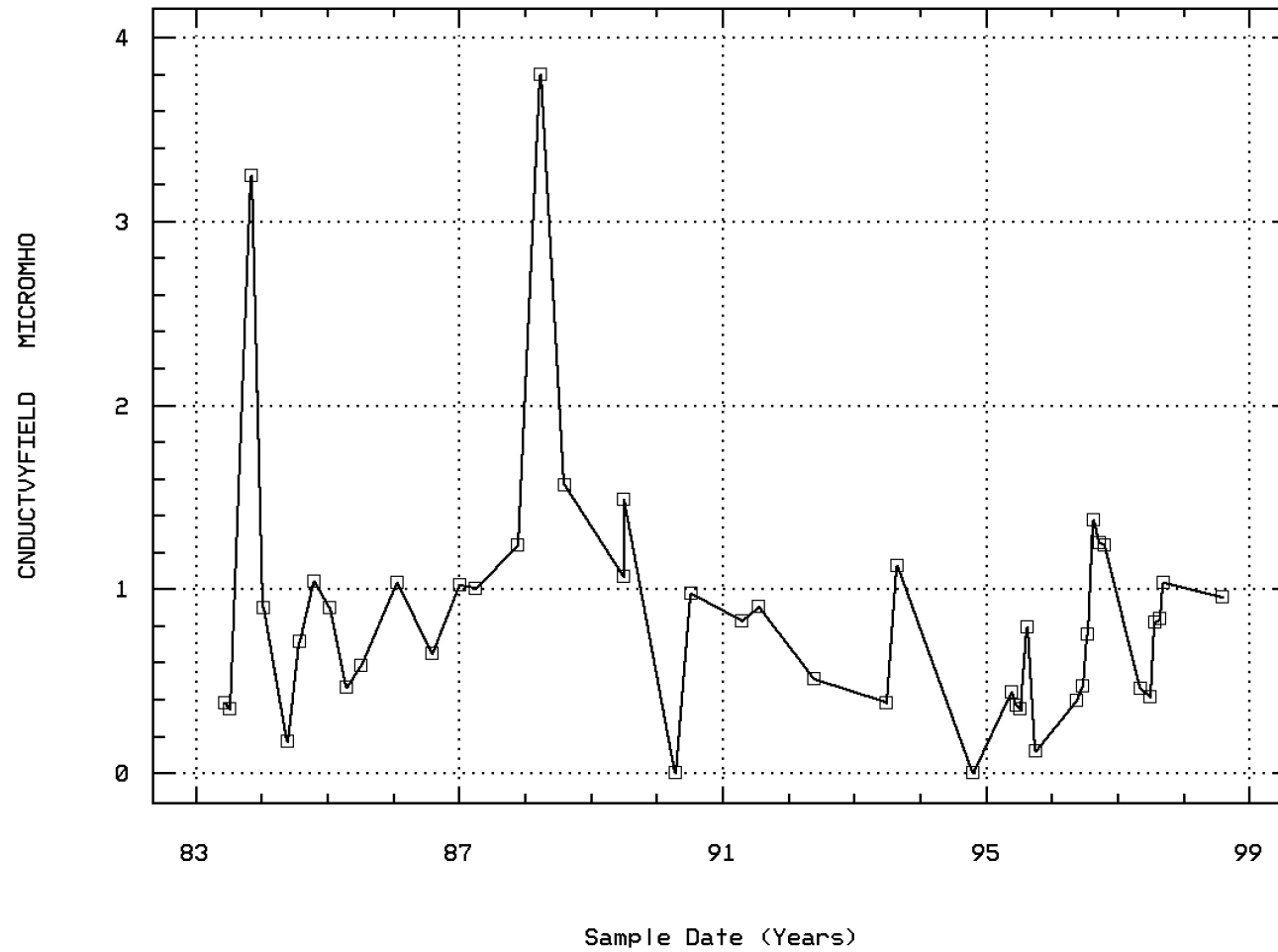


COLORADO R AT LATHROP CAN

Station: CANY0227 Parameter Code: 00094

SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @

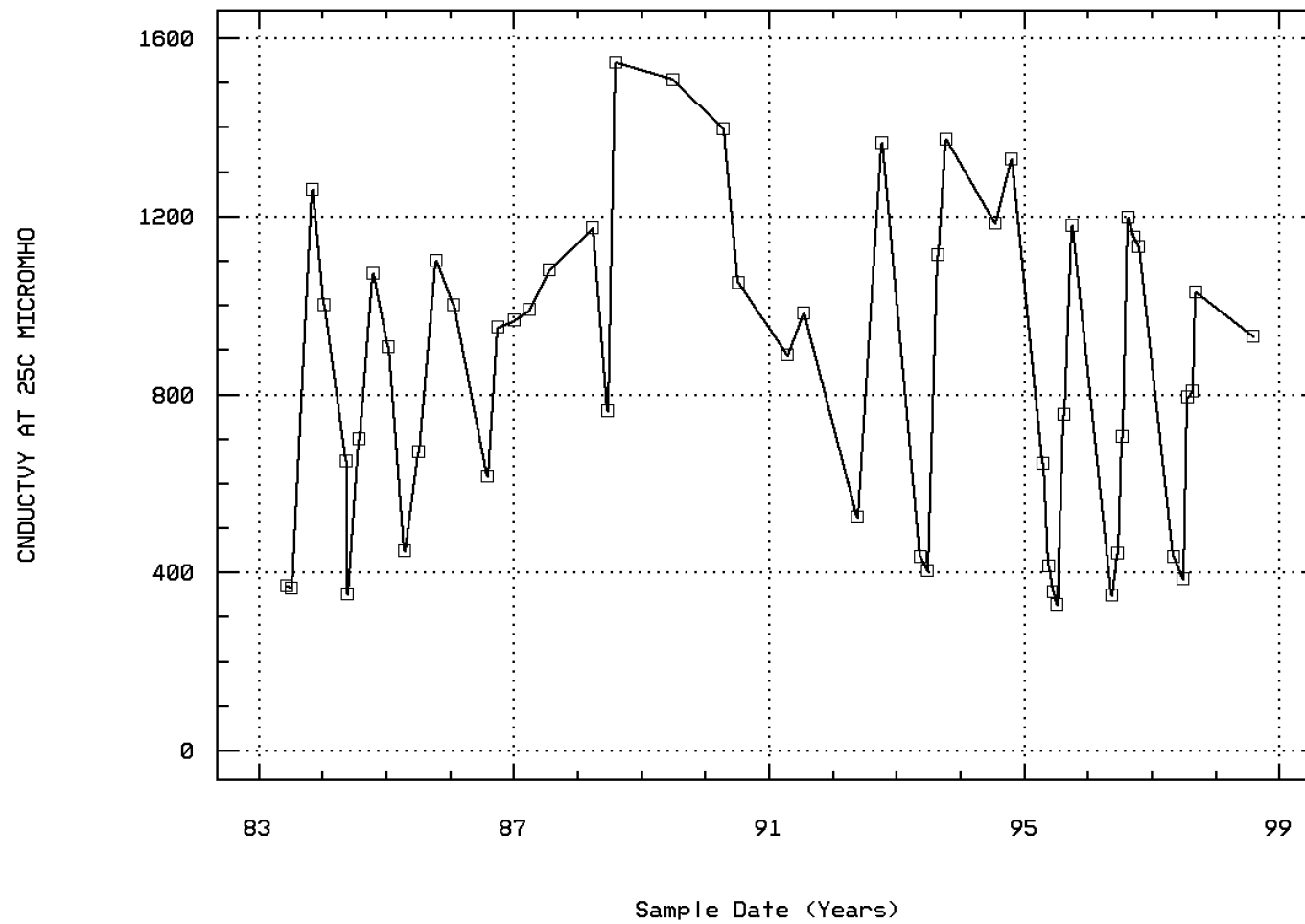
(X 1000)



COLORADO R AT LATHROP CAN

Station: CANY0227 Parameter Code: 00095

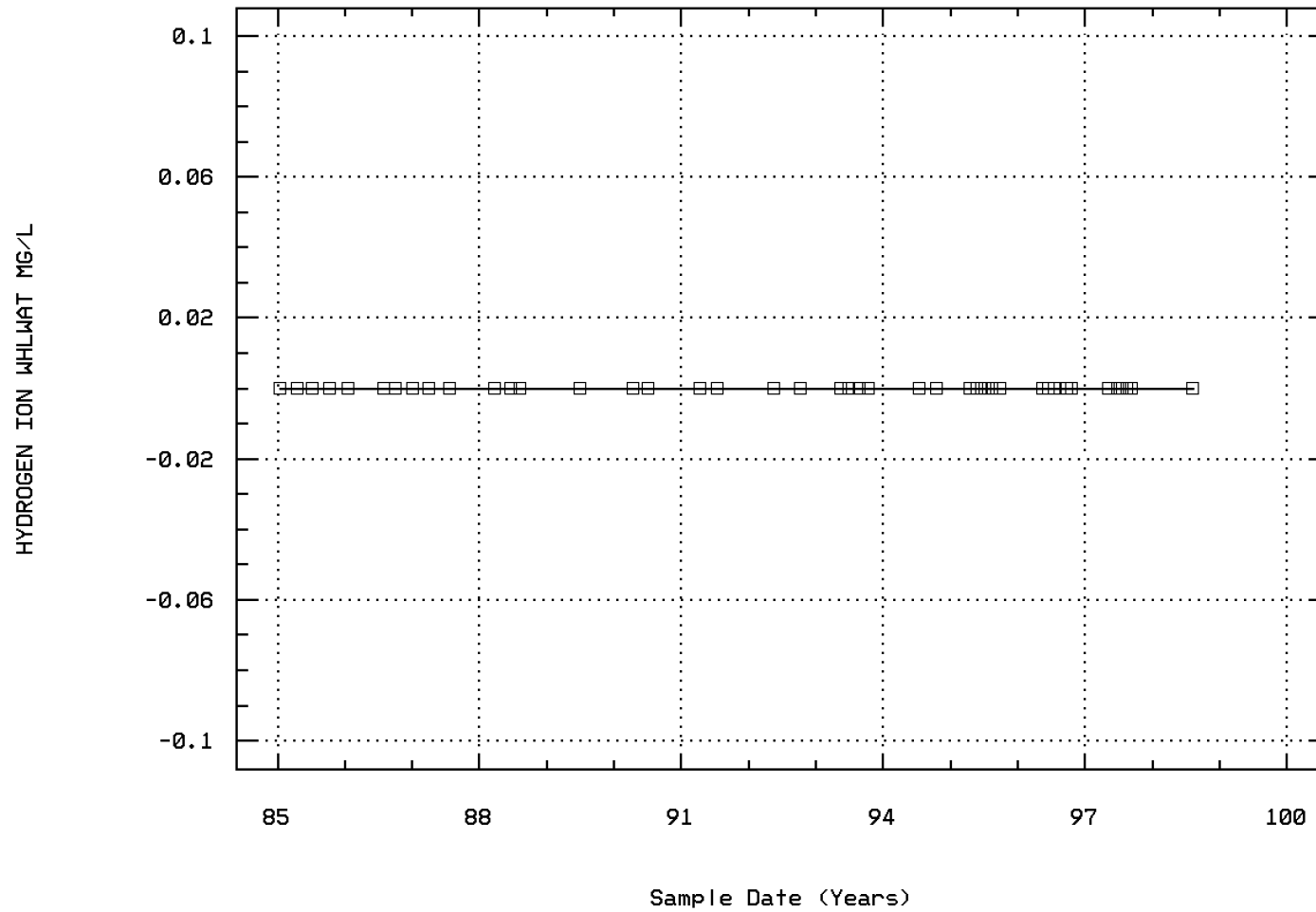
SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)



COLORADO R AT LATHROP CAN

Station: CANY0227 Parameter Code: 00191

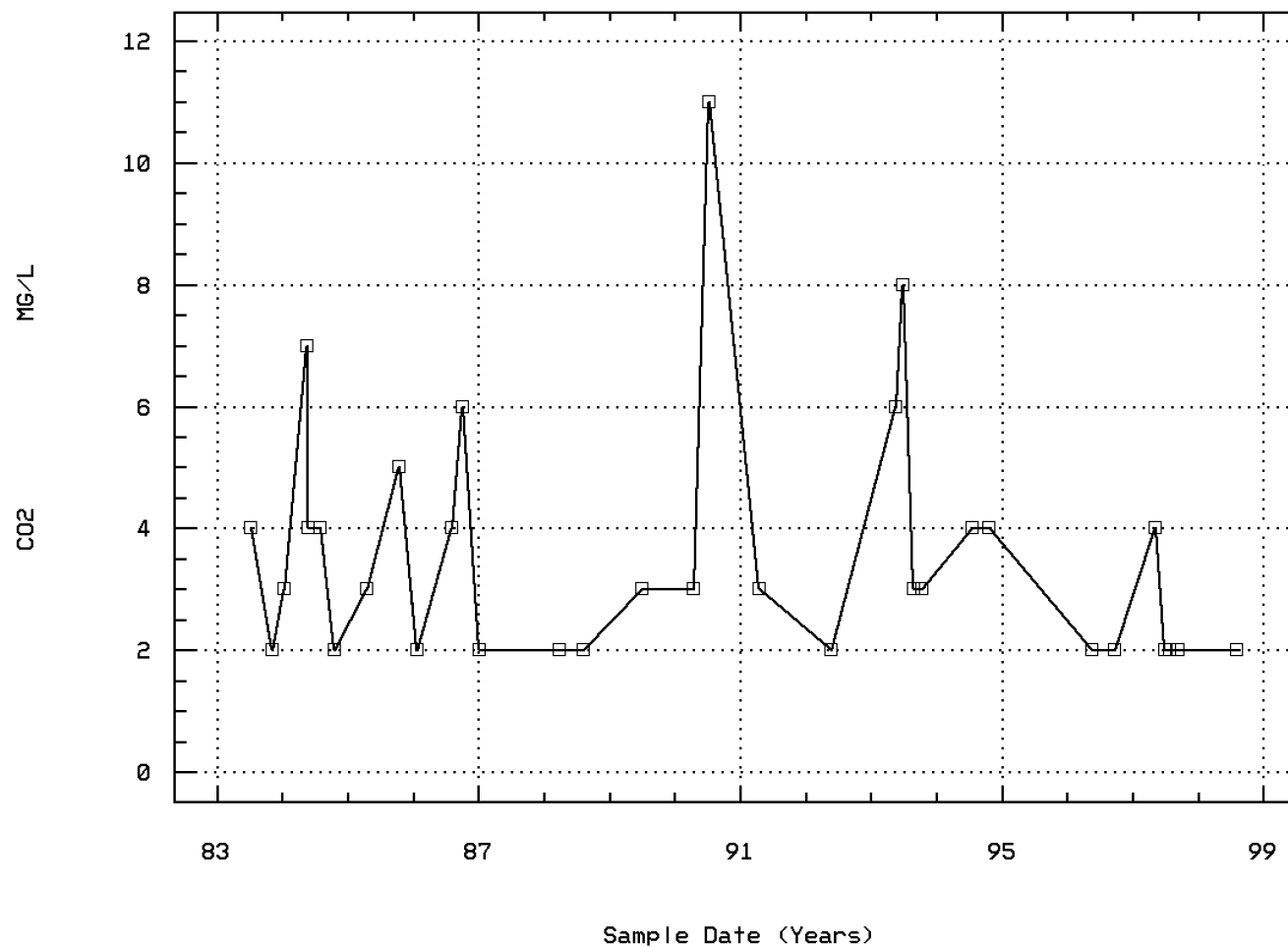
HYDROGEN ION CONCENTRATION IN WHOLE WAT



COLORADO R AT LATHROP CAN

Station: CANY0227 Parameter Code: 00405

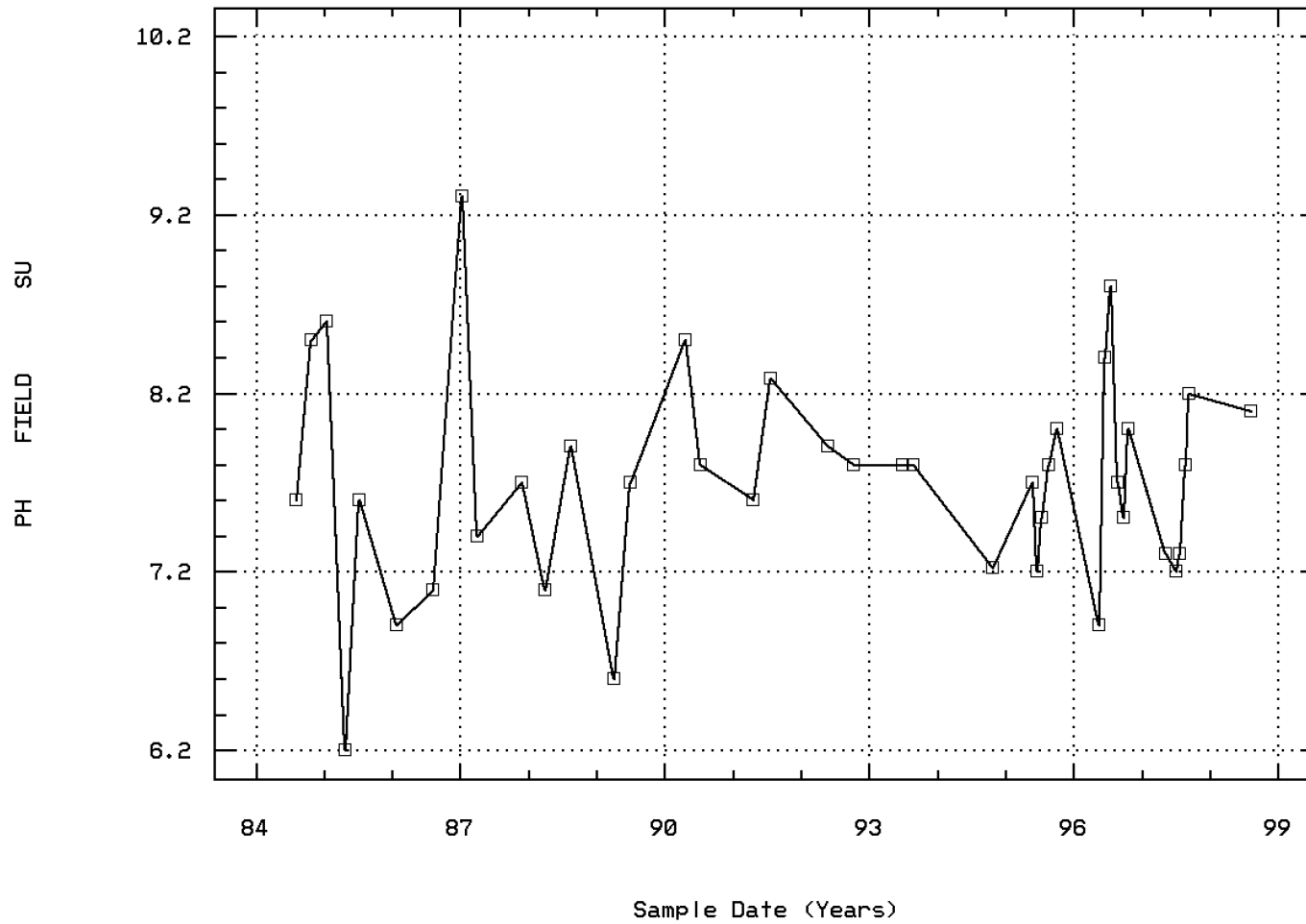
CARBON DIOXIDE (MG/L AS CO2)



COLORADO R AT LATHROP CAN

Station: CANY0227 Parameter Code: 00406

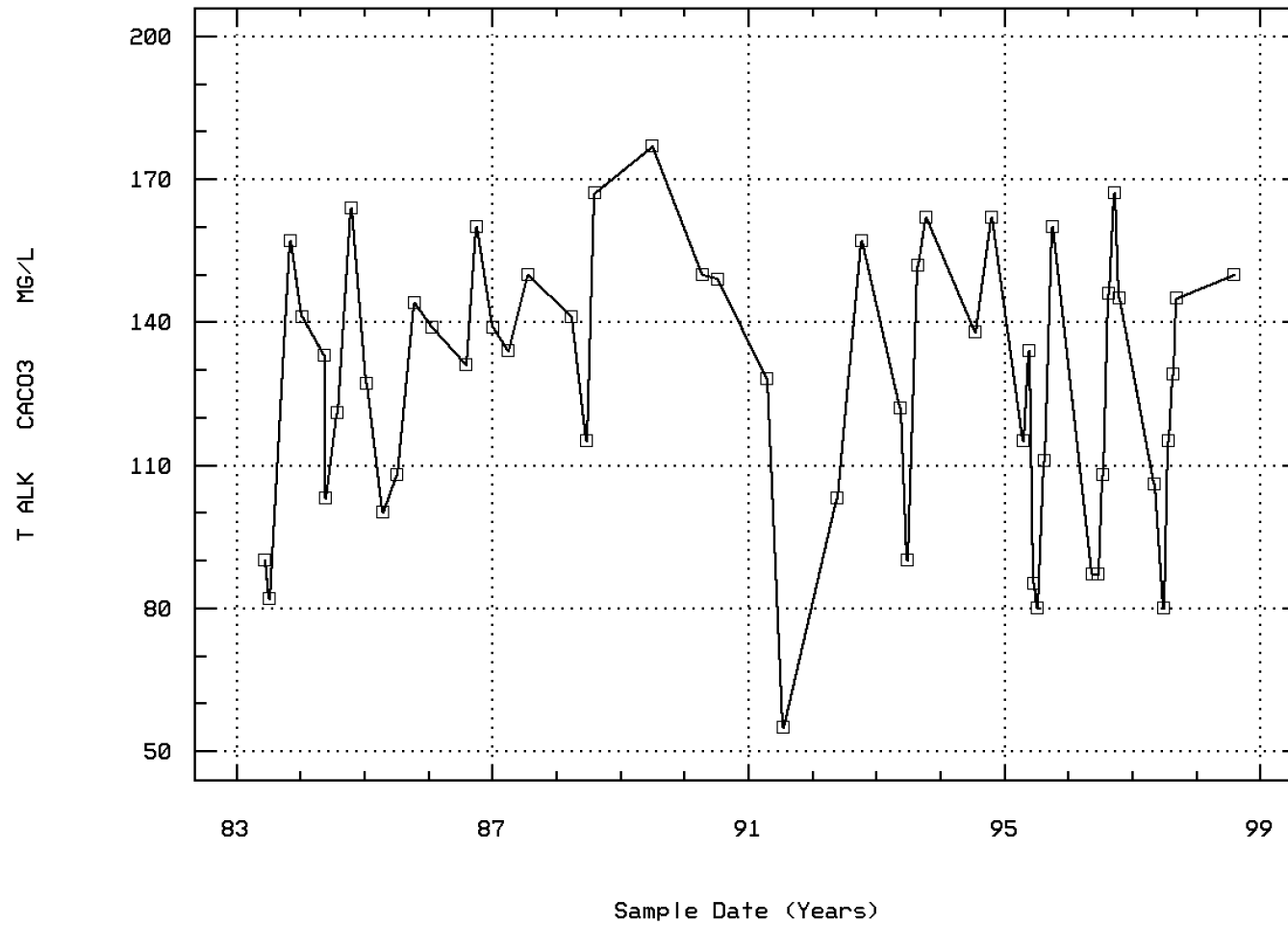
PH, FIELD, STANDARD UNITS



COLORADO R AT LATHROP CAN

Station: CANY0227 Parameter Code: 00410

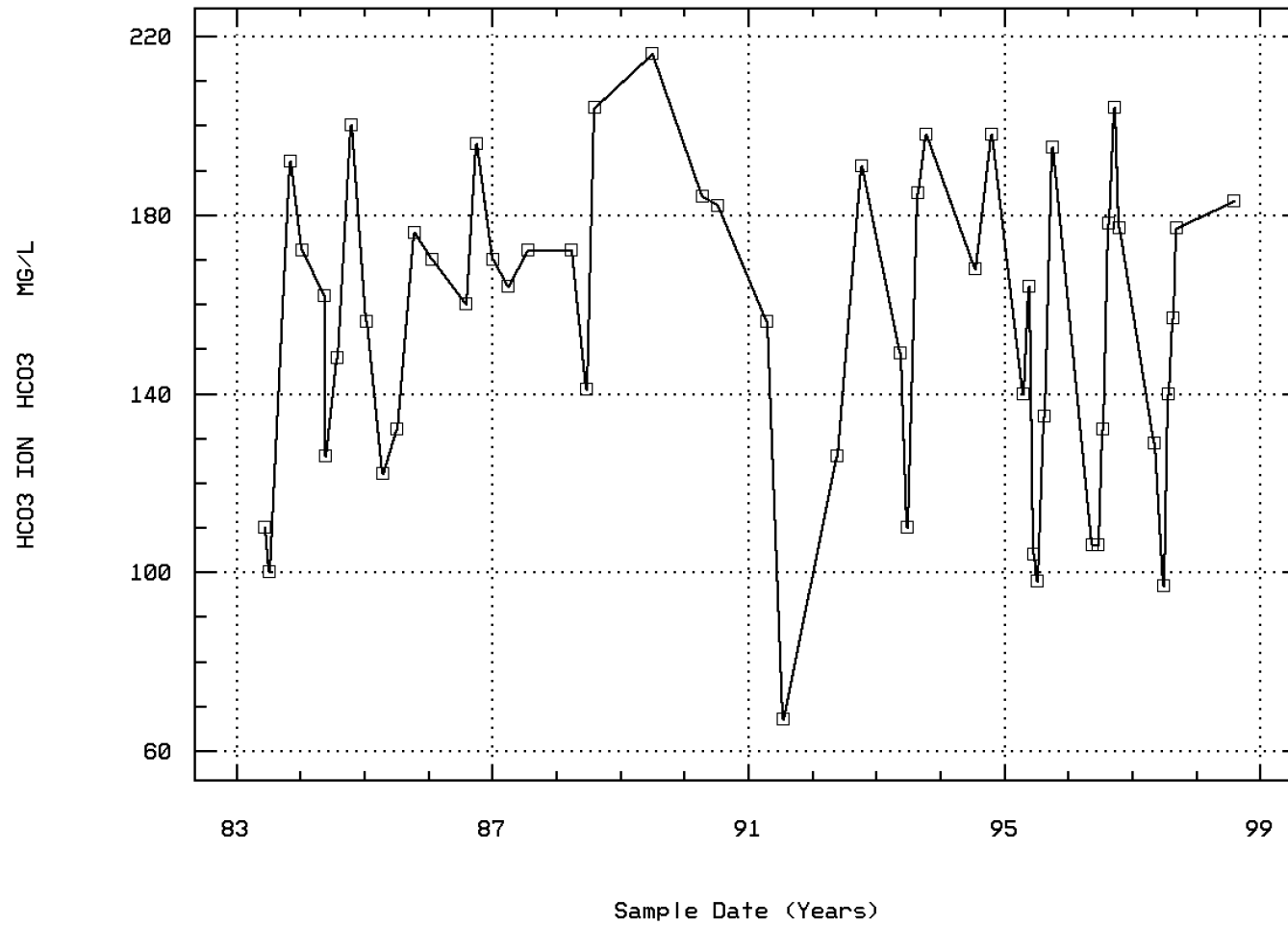
ALKALINITY, TOTAL (MG/L AS CaCO3)



COLORADO R AT LATHROP CAN

Station: CANY0227 Parameter Code: 00440

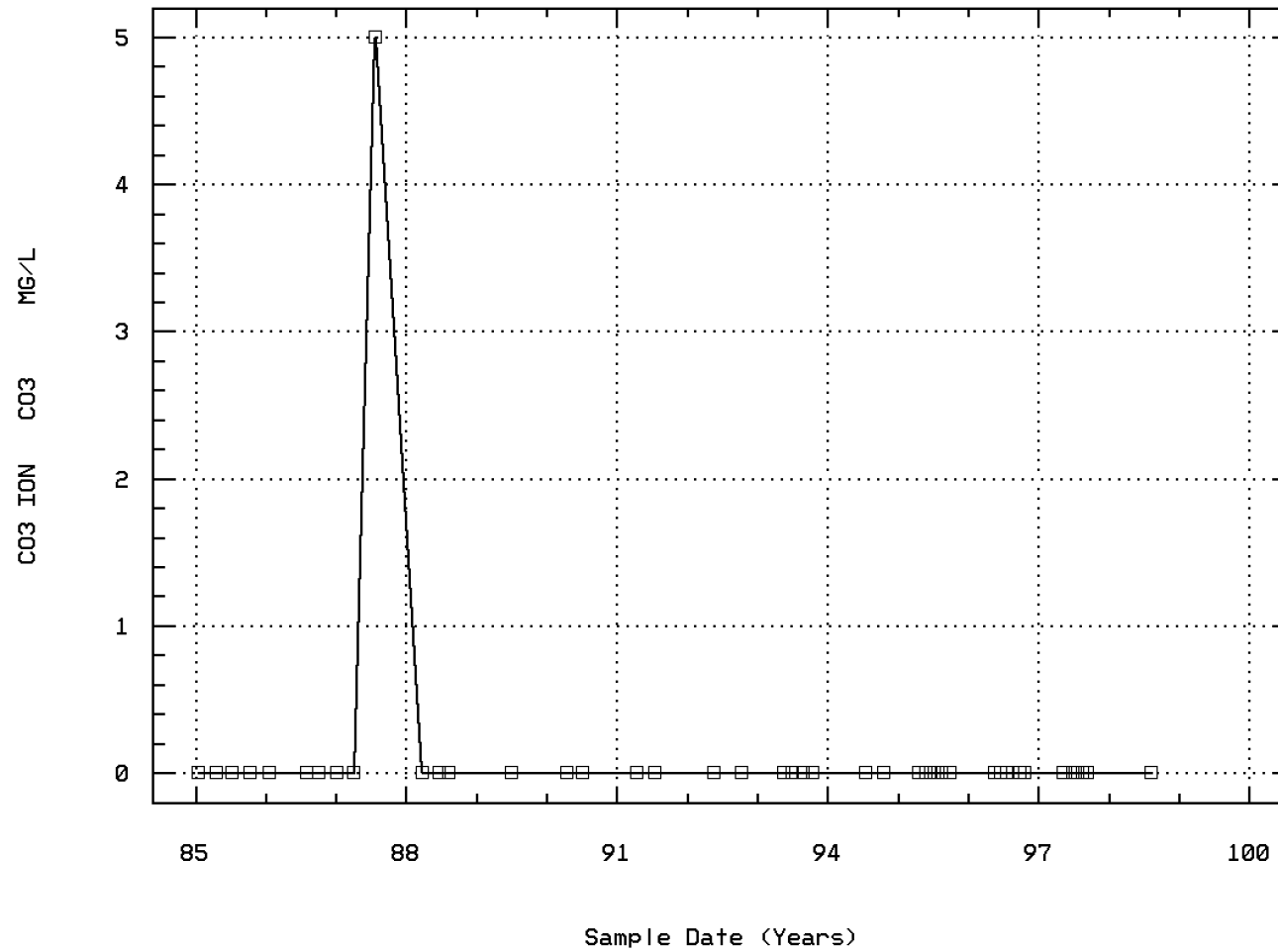
BICARBONATE ION (MG/L AS HCO₃)



COLORADO R AT LATHROP CAN

Station: CANY0227 Parameter Code: 00445

CARBONATE ION (MG/L AS CO3)

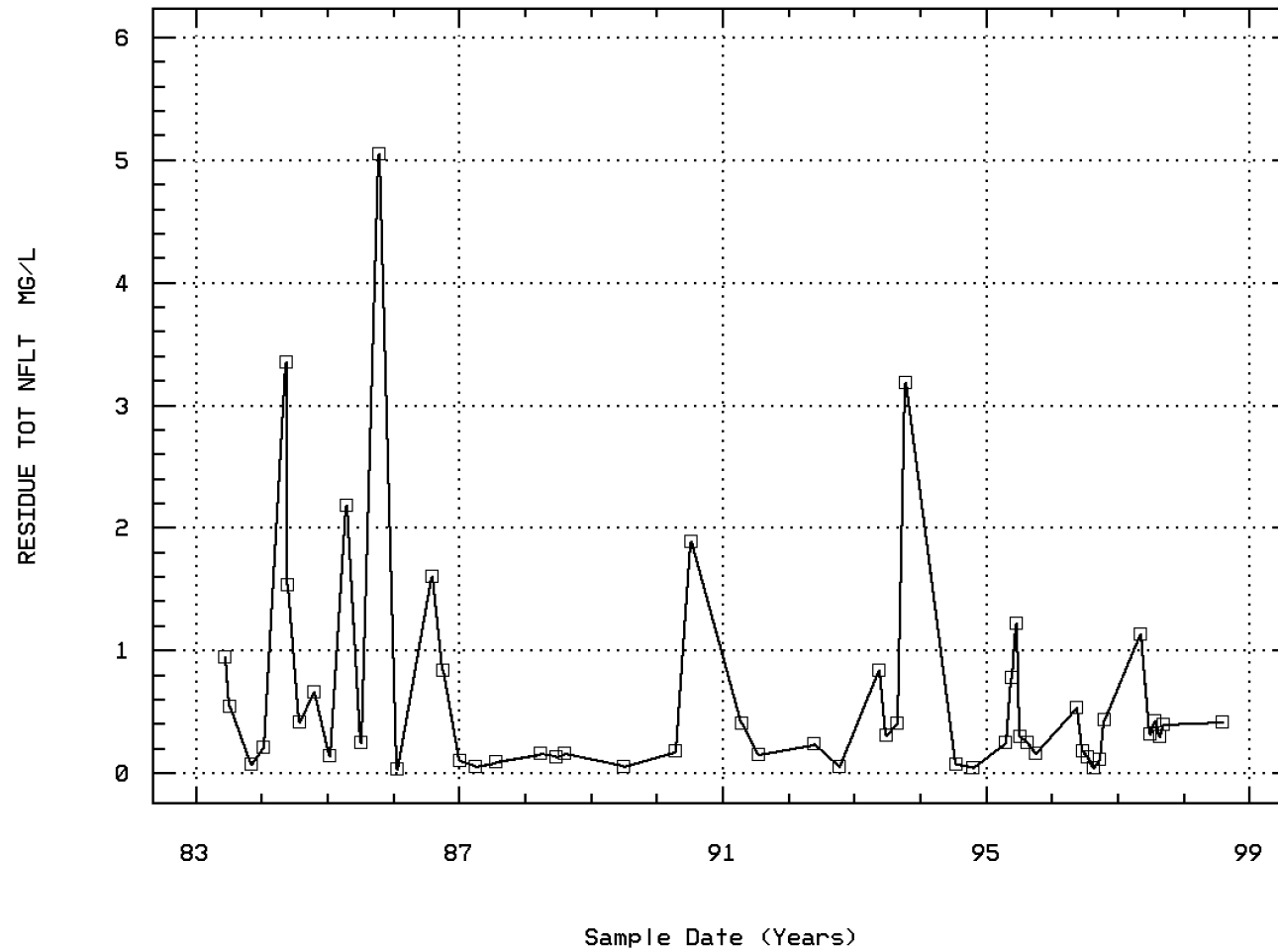


COLORADO R AT LATHROP CAN

Station: CANY0227 Parameter Code: 00530

(X 1000)

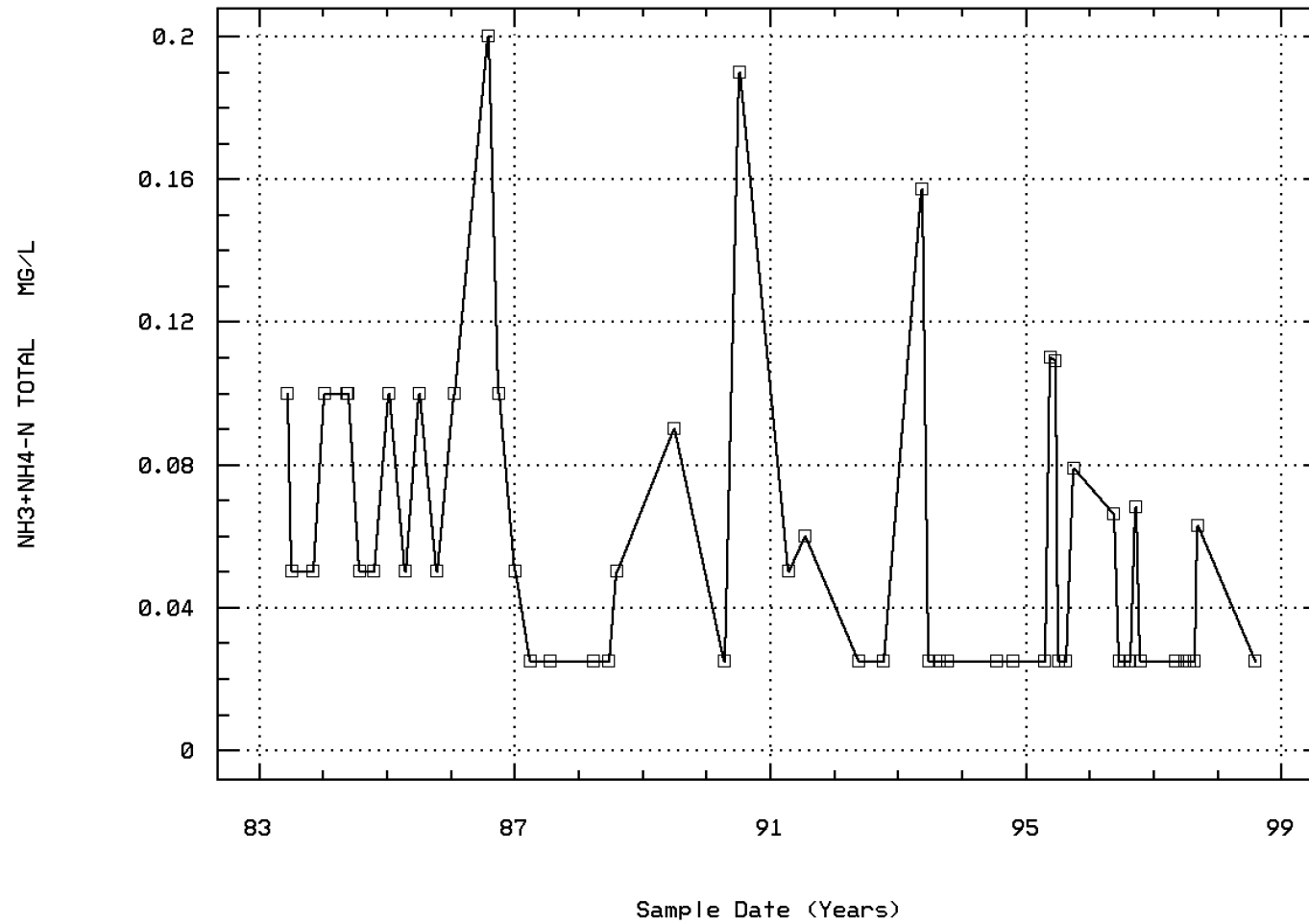
RESIDUE, TOTAL NONFILTRABLE (MG/L)



COLORADO R AT LATHROP CAN

Station: CANY0227 Parameter Code: 00610

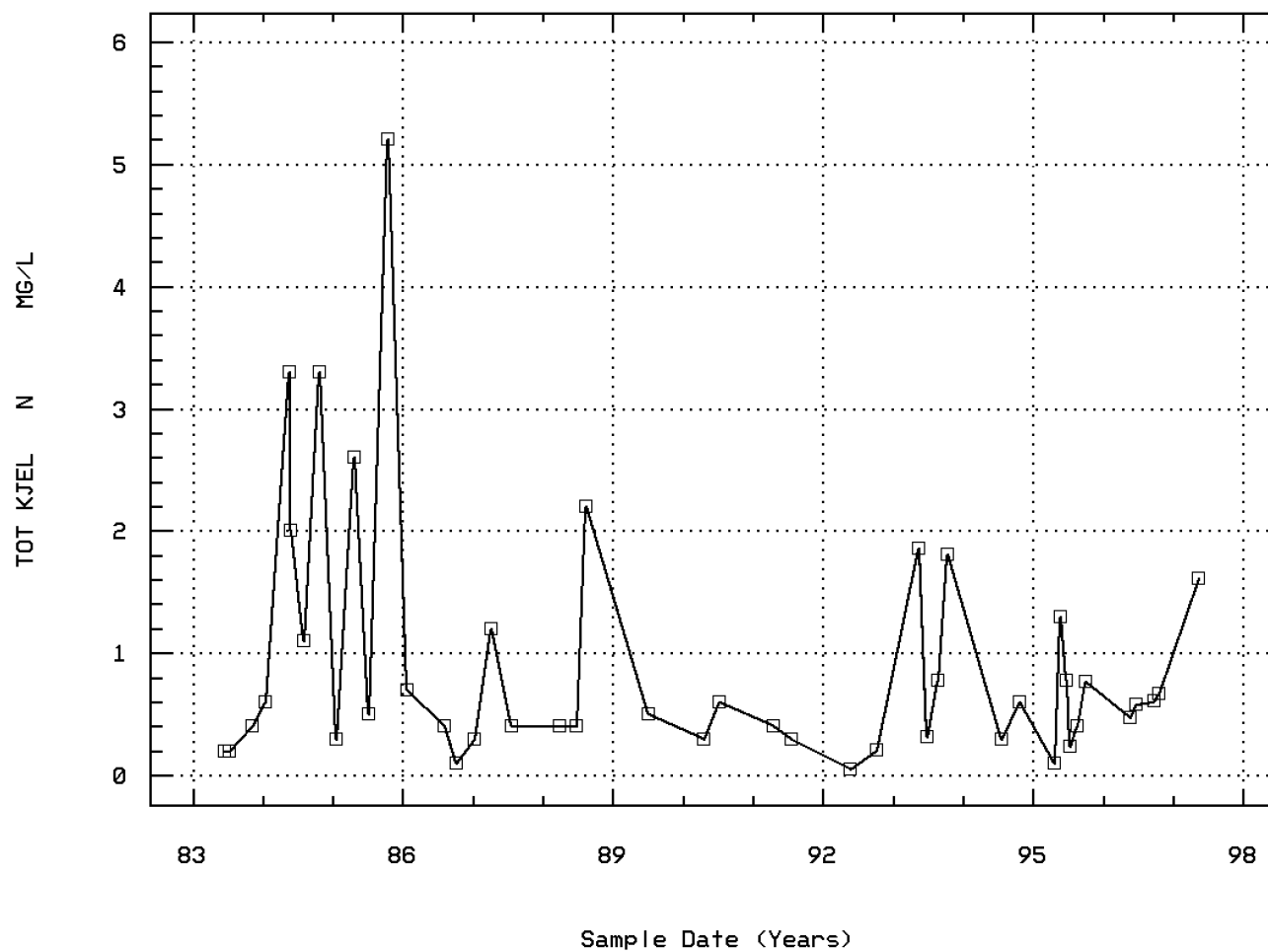
NITROGEN, AMMONIA, TOTAL (MG/L AS N)



COLORADO R AT LATHROP CAN

Station: CANY0227 Parameter Code: 00625

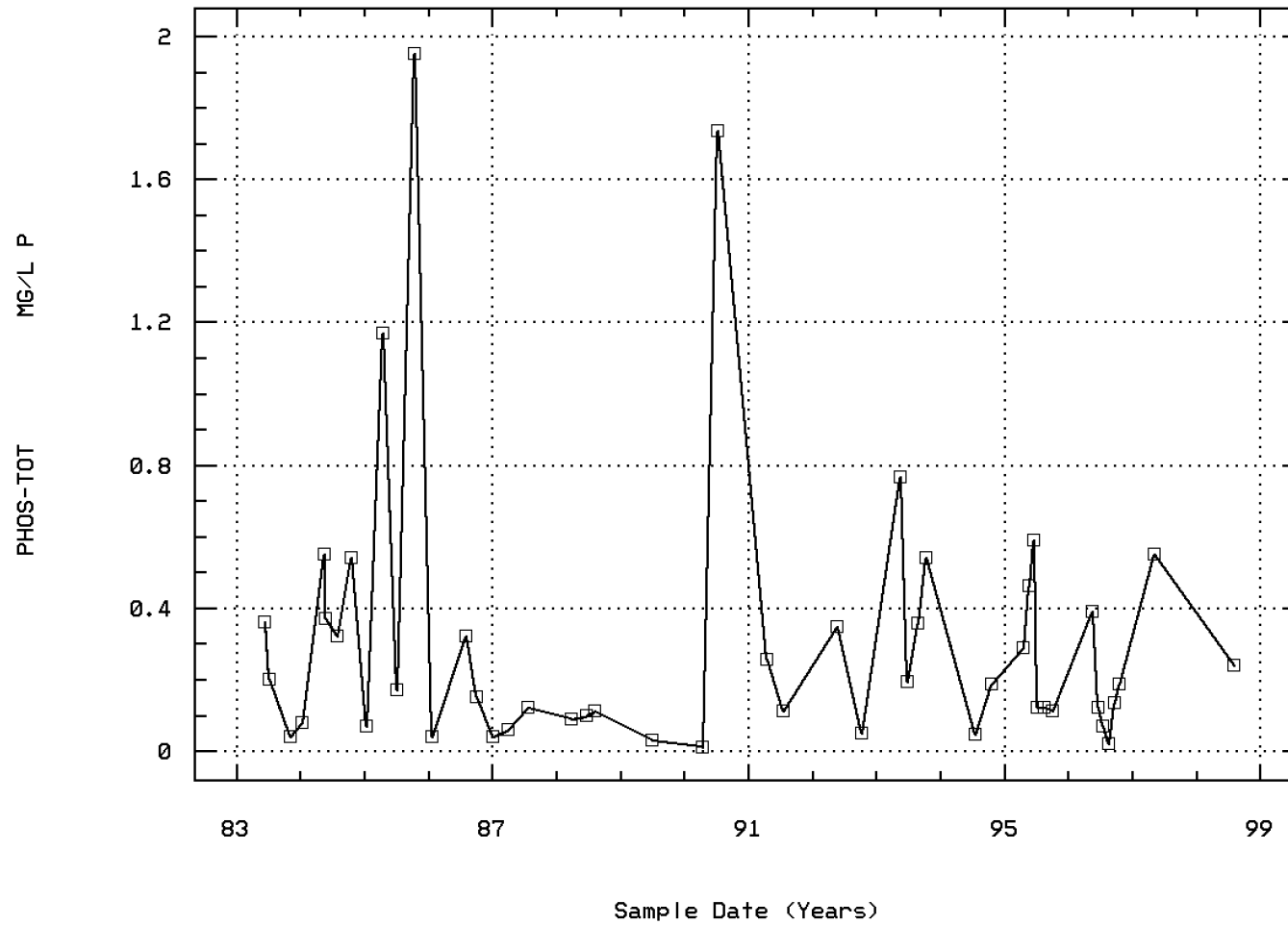
NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)



COLORADO R AT LATHROP CAN

Station: CANY0227 Parameter Code: 00665

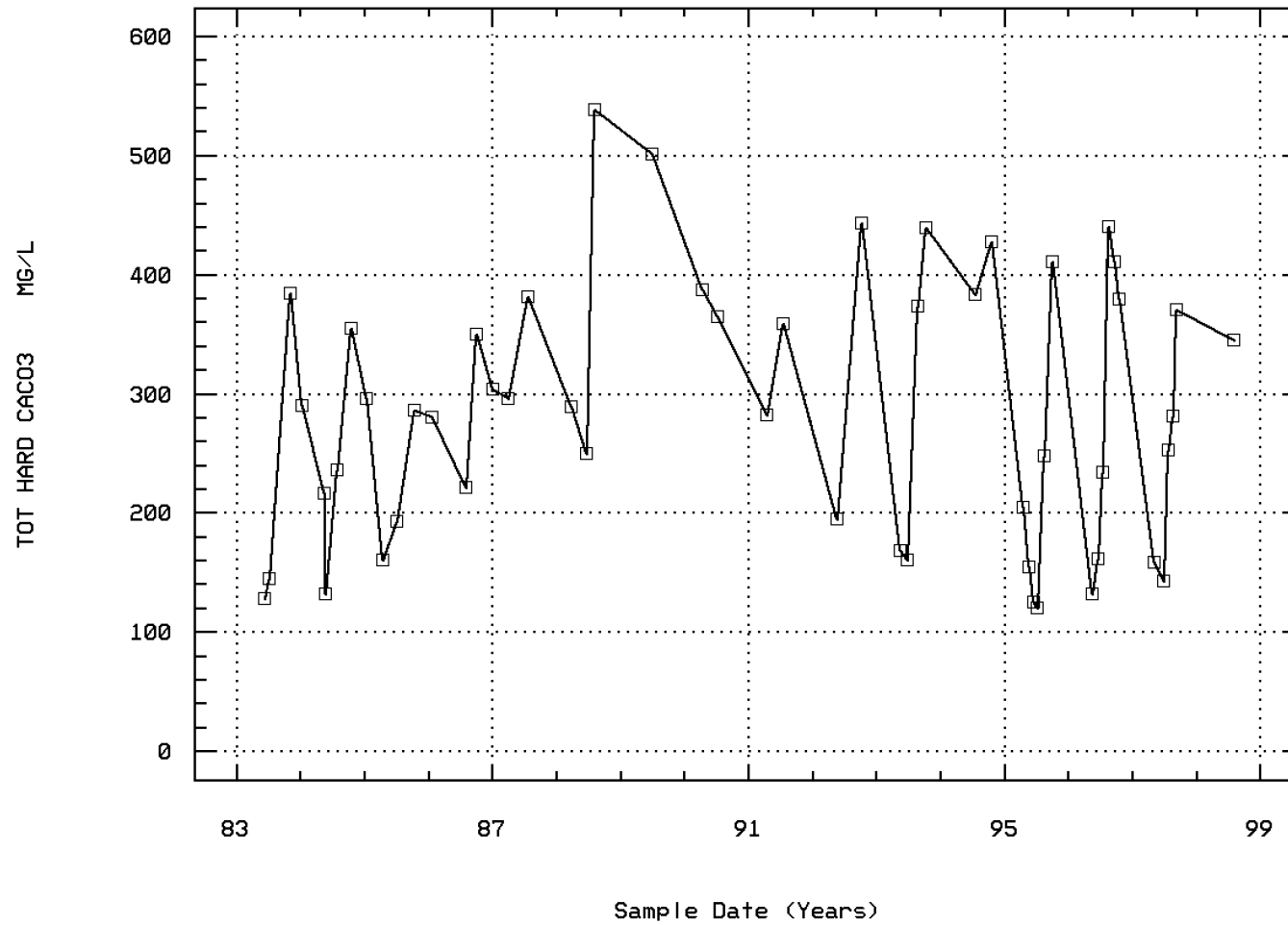
PHOSPHORUS, TOTAL (MG/L AS P)



COLORADO R AT LATHROP CAN

Station: CANY0227 Parameter Code: 00900

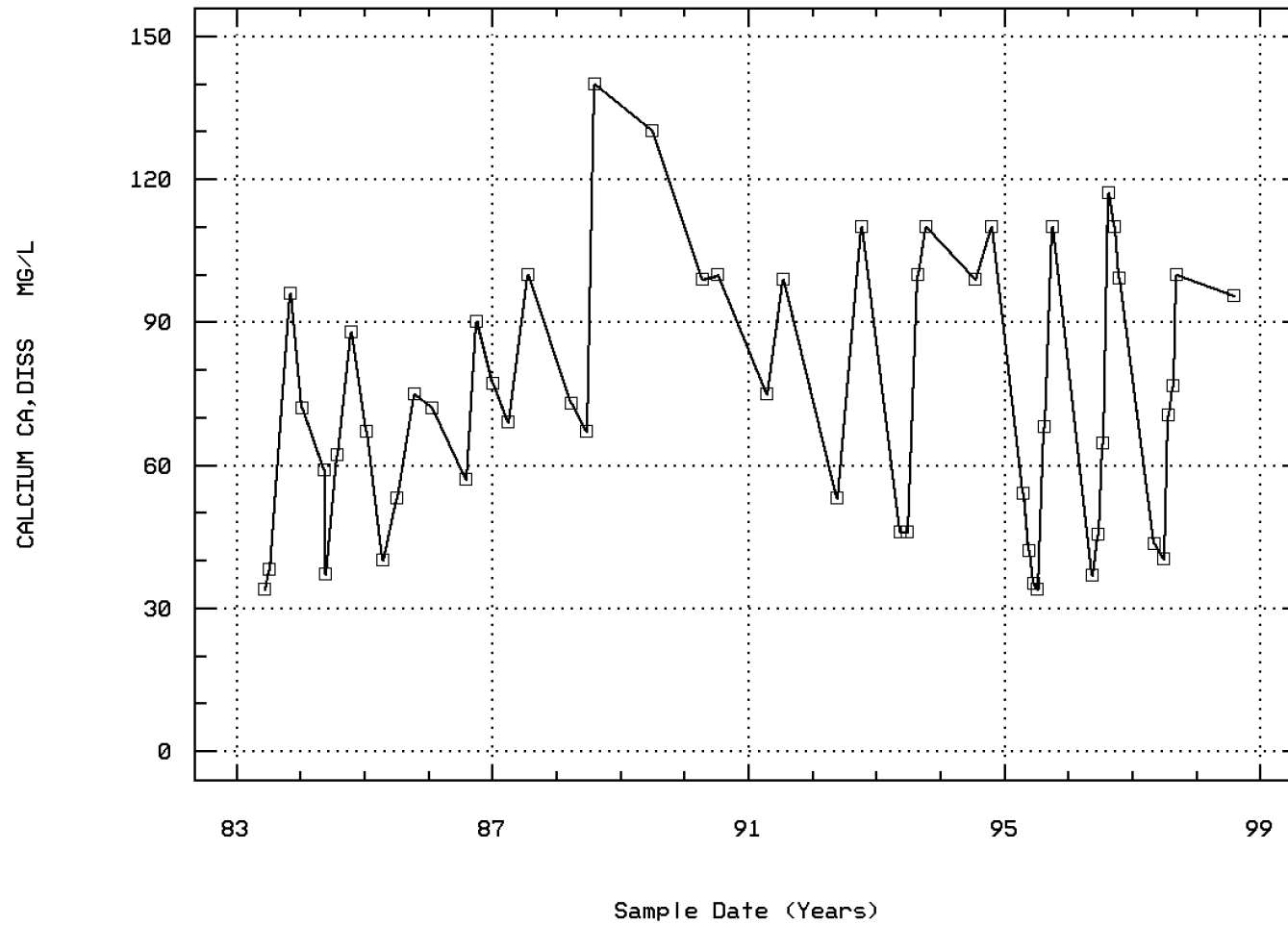
HARDNESS, TOTAL (MG/L AS CaCO3)



COLORADO R AT LATHROP CAN

Station: CANY0227 Parameter Code: 00915

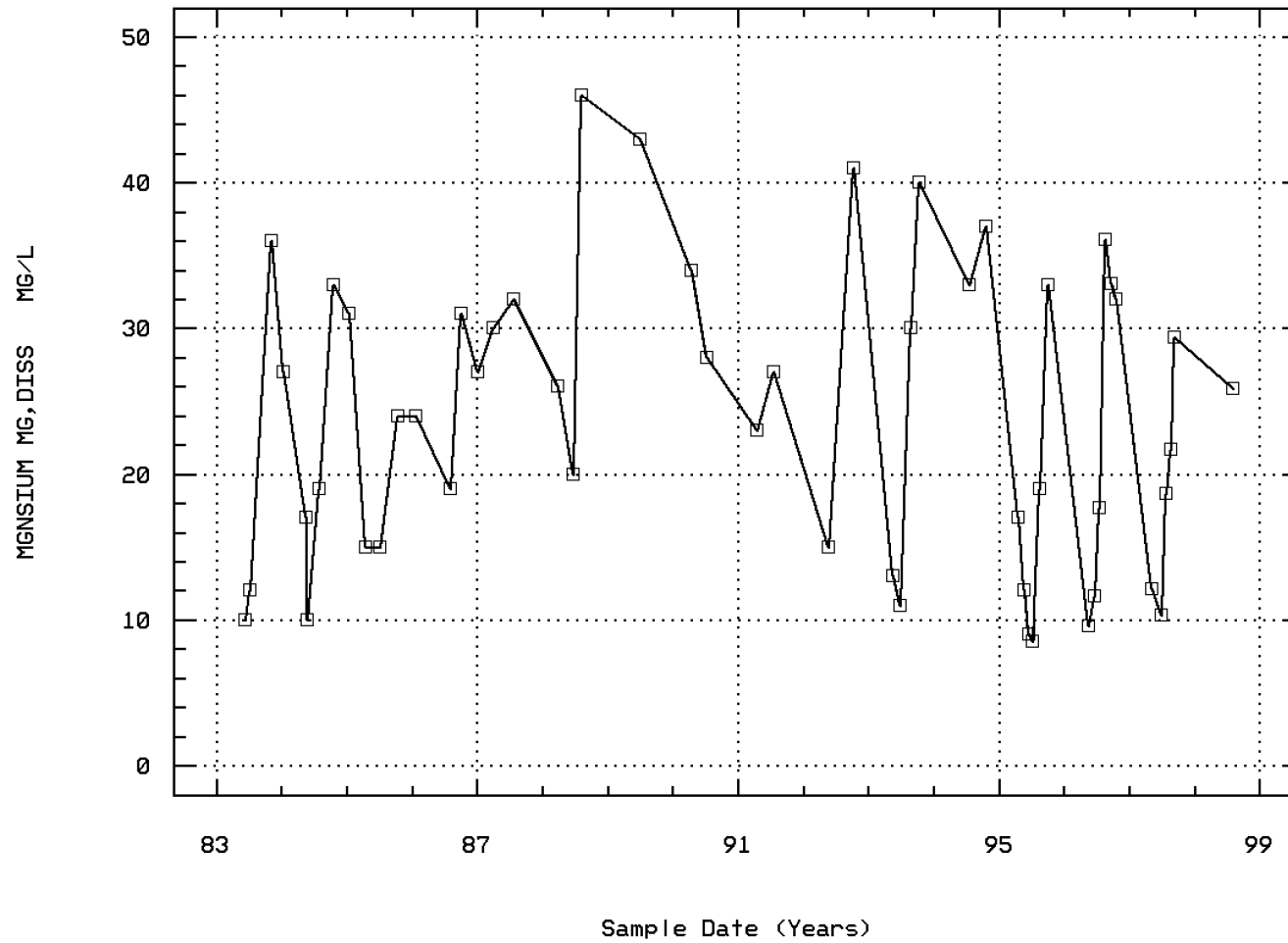
CALCIUM, DISSOLVED (MG/L AS CA)



COLORADO R AT LATHROP CAN

Station: CANY0227 Parameter Code: 00925

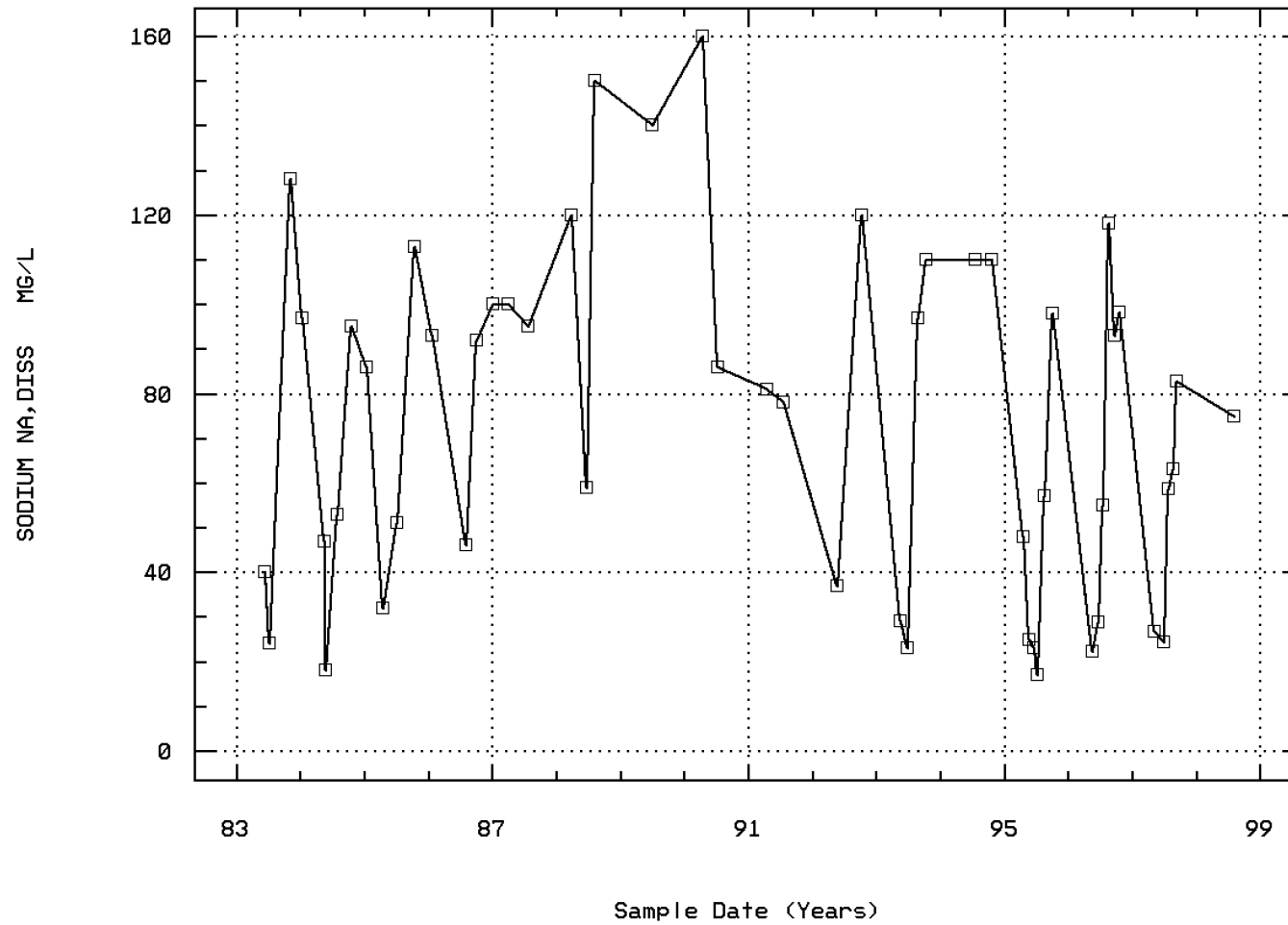
MAGNESIUM, DISSOLVED (MG/L AS MG)



COLORADO R AT LATHROP CAN

Station: CANY0227 Parameter Code: 00930

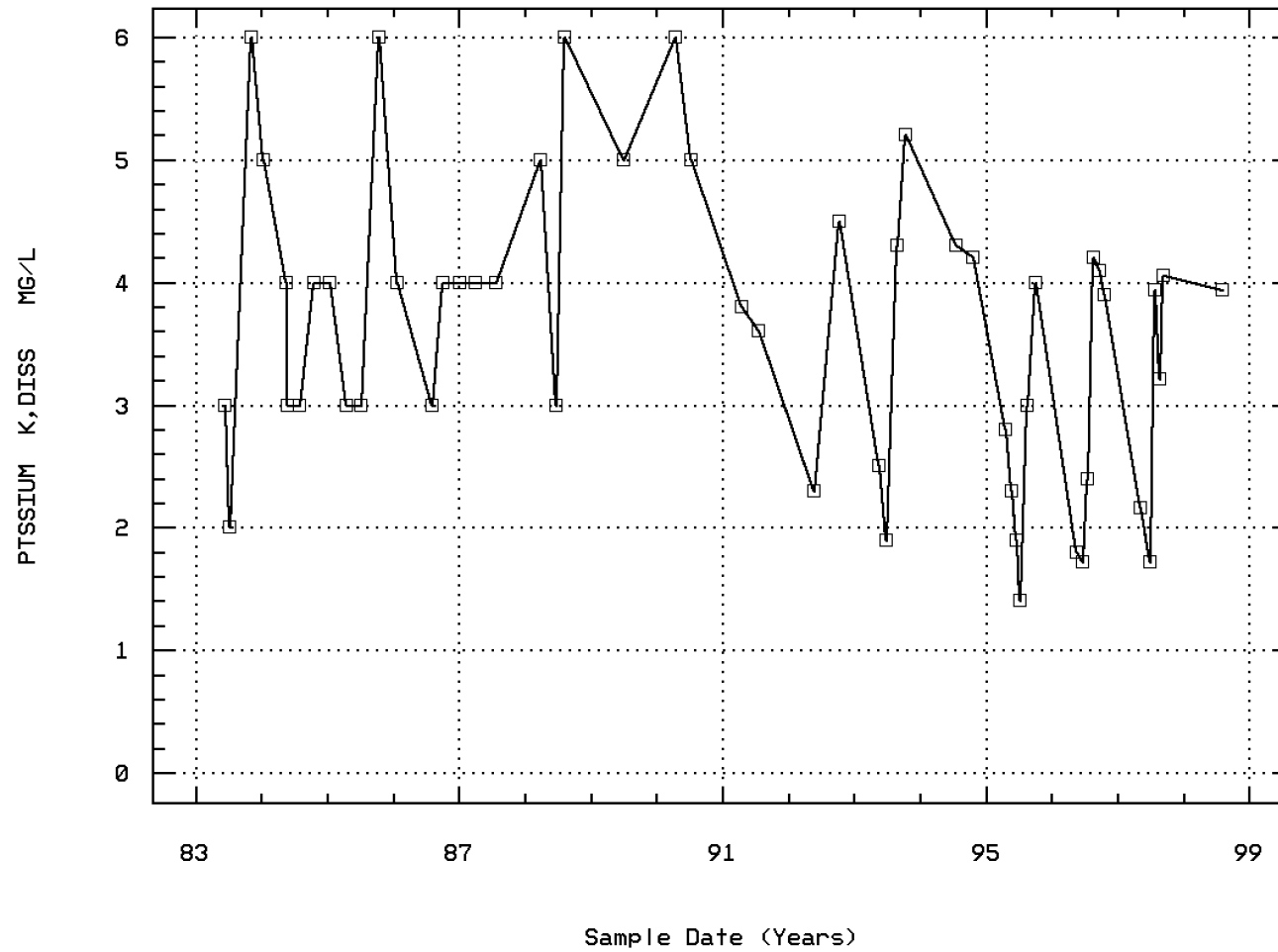
SODIUM, DISSOLVED (MG/L AS NA)



COLORADO R AT LATHROP CAN

Station: CANY0227 Parameter Code: 00935

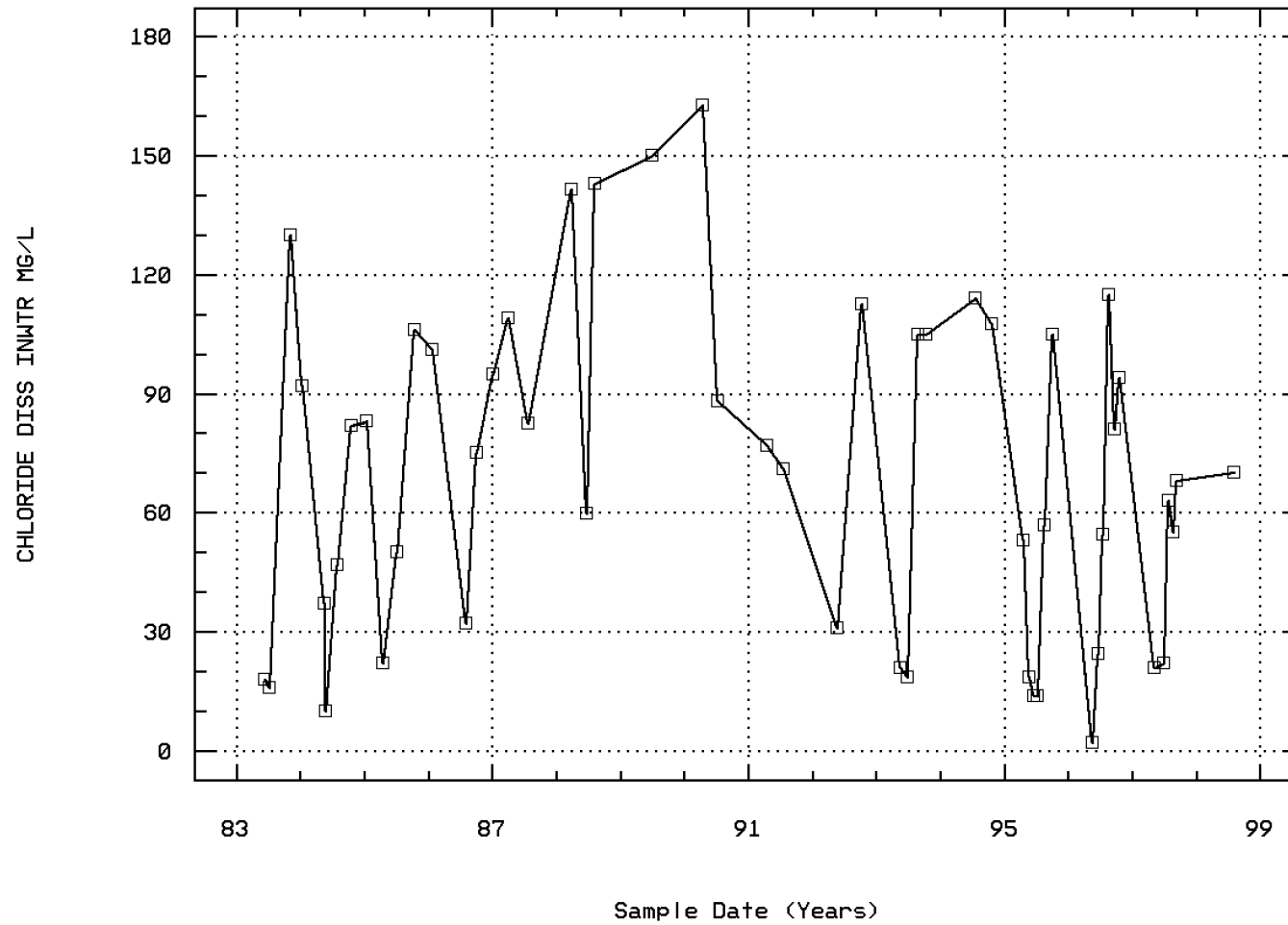
POTASSIUM, DISSOLVED (MG/L AS K)



COLORADO R AT LATHROP CAN

Station: CANY0227 Parameter Code: 00941

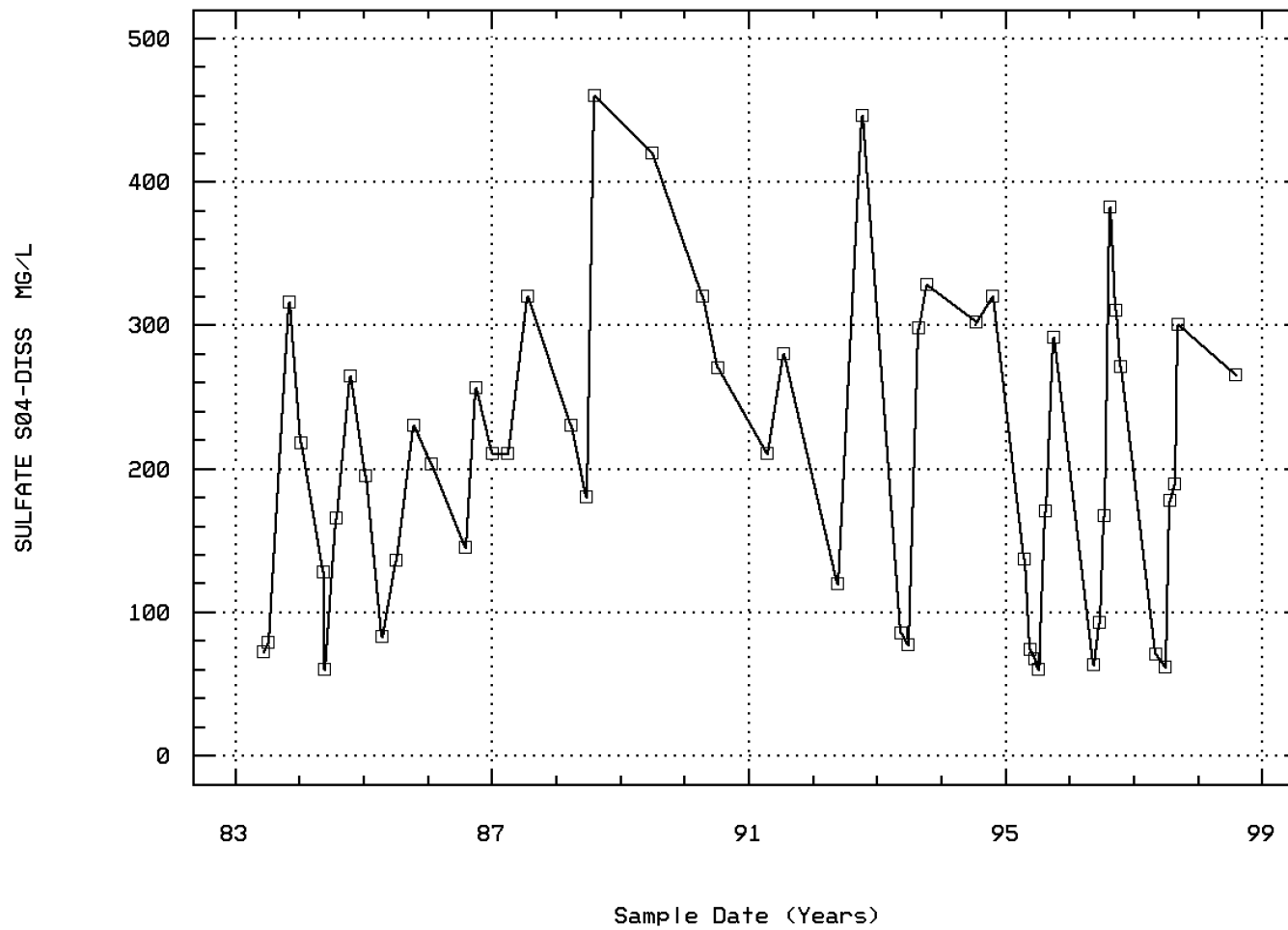
CHLORIDE, DISSOLVED IN WATER



COLORADO R AT LATHROP CAN

Station: CANY0227 Parameter Code: 00946

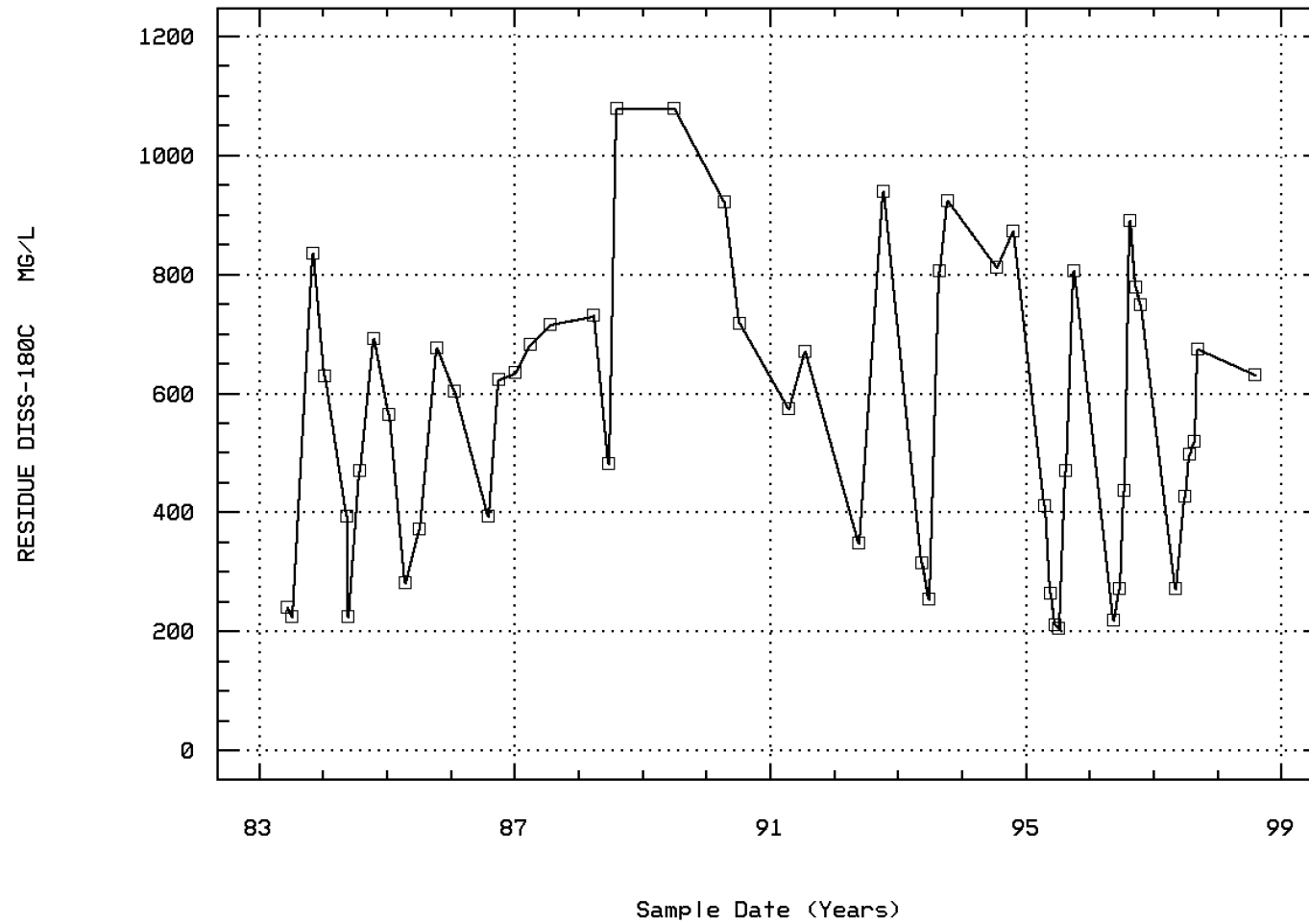
SULFATE, DISSOLVED (MG/L AS SO₄)



COLORADO R AT LATHROP CAN

Station: CANY0227 Parameter Code: 70300

RESIDUE, TOTAL FILTRABLE (DRIED AT 180C)



COLORADO R AT LATHROP CAN

Seasonal Analysis for Season #1: 7/15 to 10/14 - Station CANY0227

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/15/83-08/06/98	17	22.76	20.095	25.75	10.8	27.25	5.22	11.52	14.55	24.	24.67
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/15/83-08/06/98	20	114.5	150.615	360.	17.	12210.88	110.503	18.97	43.75	258.75	300.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/15/83-08/06/98	14	871.5	921.164	1562.	120.3	123414.393	351.304	384.65	742.75	1157.75	1470.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/15/83-08/06/98	20	1053.5	1027.25	1544.	615.	62155.987	249.311	700.5	797.25	1181.75	1371.2
00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	01/15/85-08/06/98	19	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00300	OXYGEN, DISSOLVED MG/L	08/02/84-08/06/98	14	7.55	7.706	10.2	6.3	1.108	1.053	6.3	7.065	8.25	9.55
00400	PH (STANDARD UNITS)	10/03/86-08/06/98	17	8.19	8.151	8.43	7.7	0.045	0.212	7.78	8.	8.305	8.406
00400	CONVERTED PH (STANDARD UNITS)	10/03/86-08/06/98	17	8.19	8.098	8.43	7.7	0.048	0.219	7.78	8.	8.305	8.406
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/03/86-08/06/98	17	0.006	0.008	0.02	0.004	0.	0.004	0.004	0.005	0.01	0.017
00405p	CARBON DIOXIDE (MG/L AS CO2)	06/15/83-08/06/98	20	2.	2.35	6.	1.	2.345	1.531	1.	1.	3.75	4.9
00406	PH, FIELD, STANDARD UNITS SU	08/02/84-08/06/98	15	7.8	7.845	8.8	7.1	0.17	0.412	7.22	7.6	8.1	8.488
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/02/84-08/06/98	15	7.8	7.68	8.8	7.1	0.199	0.446	7.22	7.6	8.1	8.488
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/02/84-08/06/98	15	0.016	0.021	0.079	0.002	0.	0.02	0.004	0.008	0.025	0.062
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	06/15/83-08/06/98	20	145.5	138.4	167.	55.	720.147	26.836	108.3	123.	159.25	166.5
00440p	BICARBONATE ION (MG/L AS HCO3)	06/15/83-08/06/98	20	176.5	168.3	204.	67.	1066.432	32.656	132.3	150.25	194.	203.4
00445	CARBONATE ION (MG/L AS CO3)	01/15/85-08/06/98	19	0.	0.263	5.	0.	1.316	1.147	0.	0.	0.	0.
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/15/83-08/06/98	20	269.	709.94	5050.	39.2	1573415.967	1254.359	51.9	117.	420.5	3022.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/15/83-08/06/98	20 ##	0.025	0.05	0.2	0.025	0.002	0.042	0.025	0.025	0.062	0.098
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/15/83-05/09/97	14	0.505	1.041	5.2	0.1	1.805	1.344	0.155	0.3	1.278	3.7
00631	NITRITE PLUS NITRATE, DISS. I DET. (MG/L AS N)	04/16/91-08/06/98	12	0.787	0.782	1.39	0.35	0.111	0.333	0.364	0.455	0.959	1.366
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	06/15/83-08/06/98	17	0.12	0.28	1.95	0.02	0.204	0.452	0.041	0.09	0.32	0.823
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/16/91-09/09/97	9	0.01	0.018	0.093	0.005	0.001	0.028	0.005	0.005	0.013	0.093
00900p	HARDNESS, TOTAL (MG/L AS CaCO3)	06/15/83-08/06/98	20	364.3	350.005	538.6	221.	7507.312	86.645	234.2	259.625	410.5	442.83
00915p	CALCIUM, DISSOLVED (MG/L AS Ca)	06/15/83-08/06/98	20	99.	92.705	140.	57.	471.686	21.718	62.26	71.55	110.	116.3
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/15/83-08/06/98	20	29.7	28.83	46.	17.7	68.025	8.248	18.73	19.675	33.075	40.9
00930p	SODIUM, DISSOLVED (MG/L AS Na)	06/15/83-08/06/98	20	92.45	88.215	150.	46.	760.594	27.579	53.19	59.8	110.	119.8
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	06/15/83-08/06/98	20	4.	4.038	6.	2.4	0.855	0.925	3.	3.308	4.3	5.92
00941p	CHLORIDE, DISSOLVED IN WATER MG/L	06/15/83-08/06/98	20	78.	83.075	143.	32.	821.545	28.663	47.75	58.5	105.75	114.9
00946p	SULFATE, DISSOLVED (MG/L AS SO4)	06/15/83-08/06/98	20	285.83	274.106	460.	145.	8120.88	90.116	165.16	180.2	317.5	439.31
61027	ANIONS, SUM, TOTAL IN WATER MG/L	07/18/91-08/06/98	14	473.5	444.143	652.	286.	12761.516	112.967	289.5	318.	506.75	618.5
61944	CATIONS, SUM, TOTAL IN WATER, MG/L	07/18/91-08/06/98	14	223.5	214.714	276.	140.	2273.451	47.681	143.5	161.75	250.75	275.5
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/15/83-08/06/98	20	675.	690.	1078.	392.	35965.053	189.645	439.4	501.5	810.5	936.6

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

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station CANY0227

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/15/83-08/06/98	9	7.4	7.144	13.1	0.3	25.21	5.021	0.3	2.3	12.35	13.1
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/15/83-08/06/98	9	23.	90.067	333.	7.6	13271.668	115.203	7.6	15.	158.45	333.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/15/83-08/06/98	10	1036.5	1441.625	3800.	1.25	1342634.017	1158.721	91.125	900.	1739.5	3745.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/15/83-08/06/98	9	1070.	1092.556	1328.	905.	20032.028	141.535	905.	983.	1216.5	1328.
00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	01/15/85-08/06/98	6	0.	0.	0.	0.	0.		**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/02/84-08/06/98	8	11.075	10.844	13.2	9.	2.044	1.43	**	**	**	**
00400	PH (STANDARD UNITS)	10/03/86-08/06/98	4	8.05	8.11	8.44	7.9	0.055	0.235	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/03/86-08/06/98	4	8.047	8.068	8.44	7.9	0.057	0.24	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/03/86-08/06/98	4	0.009	0.009	0.013	0.004	0.	0.004	**	**	**	**
00405p	CARBON DIOXIDE (MG/L AS CO2)	06/15/83-08/06/98	9	2.	2.111	4.	1.	0.861	0.928	1.	1.5	2.5	4.
00406	PH, FIELD, STANDARD UNITS SU	08/02/84-08/06/98	8	7.85	7.915	9.3	6.9	0.709	0.842	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/02/84-08/06/98	8	7.825	7.424	9.3	6.9	0.985	0.992	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/02/84-08/06/98	8	0.015	0.038	0.126	0.001	0.002	0.046	**	**	**	**
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	06/15/83-08/06/98	9	141.	146.111	164.	127.	151.361	12.303	127.	139.	159.5	164.
00440p	BICARBONATE ION (MG/L AS HCO3)	06/15/83-08/06/98	9	172.	178.556	200.	156.	220.278	14.842	156.	170.	195.	200.
00445	CARBONATE ION (MG/L AS CO3)	01/15/85-08/06/98	6	0.	0.	0.	0.	0.		**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/15/83-08/06/98	9	134.	203.111	659.	29.	44325.861	210.537	29.	55.	321.5	659.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/15/83-08/06/98	9##	0.05	0.058	0.1	0.025	0.001	0.033	0.025		0.1	0.1
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/15/83-05/09/97	9	0.6	0.808	3.3	0.3	0.897	0.947	0.3	0.35	0.685	3.3

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

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station CANY0227

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/16/91-08/06/98	2	0.692	0.692	0.923	0.46	0.107	0.327	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	06/15/83-08/06/98	9	0.08	0.141	0.54	0.04	0.026	0.16	0.04	0.186	0.54
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/16/91-09/09/97	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**
00900p	HARDNESS, TOTAL (MG/L AS CaCO3)	06/15/83-08/06/98	9	303.2	333.689	426.7	280.	2854.639	53.429	280.	289.55	426.7
00915p	CALCIUM, DISSOLVED (MG/L AS Ca)	06/15/83-08/06/98	9	77.	83.8	110.	67.	226.71	15.057	67.	72.	110.
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/15/83-08/06/98	9	31.	30.333	37.	24.	21.	4.583	24.	26.5	37.
00930p	SODIUM, DISSOLVED (MG/L AS Na)	06/15/83-08/06/98	9	98.1	103.011	128.	86.	185.626	13.624	86.	94.	128.
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	06/15/83-08/06/98	9	4.	4.456	6.	3.9	0.523	0.723	3.9	4.	6.
00941p	CHLORIDE, DISSOLVED IN WATER MG/L	06/15/83-08/06/98	9	94.9	102.878	141.5	82.	417.997	20.445	82.	87.5	141.5
00946p	SULFATE, DISSOLVED (MG/L AS SO4)	06/15/83-08/06/98	9	230.	247.343	319.59	195.	2251.187	47.447	195.	206.5	319.59
61027	ANIONS, SUM, TOTAL IN WATER MG/L	07/18/91-08/06/98	2	488.	488.	524.	452.	2592.	50.912	**	**	**
61944	CATIONS, SUM, TOTAL IN WATER, MG/L	07/18/91-08/06/98	2	247.	247.	261.	233.	392.	19.799	**	**	**
70300p	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	06/15/83-08/06/98	9	692.	700.667	872.	564.	11007.	104.914	564.	616.	872.

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

Seasonal Analysis for Season #3: 4/01 to 5/31 - Station CANY0227

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/15/83-08/06/98	10	14.1	13.29	17.2	9.1	7.981	2.825	9.17	9.875	17.06
00076p	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/15/83-08/06/98	12	219.5	221.833	440.	20.	16803.606	129.629	42.5	104.75	420.5
00094p	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	06/15/83-08/06/98	9	459.	474.491	1004.	1.42	91143.836	301.9	1.42	282.	1004.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/15/83-08/06/98	12	485.5	626.5	1395.	348.	100632.636	317.226	348.6	418.5	1273.5
00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	01/15/85-08/06/98	10	0.	0.	0.	0.	0.	0.	0.	0.	0.
00300	OXYGEN, DISSOLVED MG/L	08/02/84-08/06/98	9	8.5	9.056	16.3	5.7	8.523	2.919	5.7	7.7	16.3
00400	PH (STANDARD UNITS)	10/03/86-08/06/98	9	8.	7.992	8.44	7.5	0.087	0.294	7.5	7.77	8.44
00400	CONVERTED PH (STANDARD UNITS)	10/03/86-08/06/98	9	8.	7.905	8.44	7.5	0.095	0.309	7.5	7.77	8.44
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/03/86-08/06/98	9	0.01	0.012	0.032	0.004	0.	0.009	0.004	0.006	0.032
00405p	CARBON DIOXIDE (MG/L AS CO2)	06/15/83-08/06/98	12	3.	3.083	7.	1.	3.72	1.929	1.	1.25	6.7
00406	PH, FIELD, STANDARD UNITS SU	08/02/84-08/06/98	9	7.4	7.344	8.5	6.2	0.488	0.698	6.2	6.75	8.5
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/02/84-08/06/98	9	7.4	6.89	8.5	6.2	0.72	0.848	6.2	6.75	8.5
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/02/84-08/06/98	9	0.04	0.129	0.631	0.003	0.042	0.204	0.003	0.016	0.631
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	06/15/83-08/06/98	12	118.5	117.917	150.	87.	342.265	18.5	90.9	103.	145.2
00440p	BICARBONATE ION (MG/L AS HCO3)	06/15/83-08/06/98	12	144.5	144.	184.	106.	519.091	22.784	110.8	126.	178.
00445	CARBONATE ION (MG/L AS CO3)	01/15/85-08/06/98	10	0.	0.	0.	0.	0.	0.	0.	0.	0.
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/15/83-08/06/98	12	654.	953.75	3350.	48.	961618.568	980.622	87.	237.5	2999.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/15/83-08/06/98	12 ##	0.05	0.063	0.157	0.025	0.002	0.044	0.025	0.025	0.143
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/15/83-05/09/97	12	1.25	1.266	3.3	0.05	1.098	1.048	0.065	0.325	3.09
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/16/91-08/06/98	7	0.361	0.434	0.764	0.27	0.032	0.179	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	06/15/83-08/06/98	12	0.38	0.435	1.17	0.01	0.097	0.311	0.025	0.265	1.049
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/16/91-09/09/97	7	0.013	0.026	0.12	0.005	0.002	0.042	**	**	**
00900p	HARDNESS, TOTAL (MG/L AS CaCO3)	06/15/83-08/06/98	12	181.15	206.908	386.9	131.3	6027.766	77.639	131.51	155.175	359.51
00915p	CALCIUM, DISSOLVED (MG/L AS Ca)	06/15/83-08/06/98	12	49.5	54.517	99.	36.8	346.818	18.623	36.86	40.5	91.8
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/15/83-08/06/98	12	15.	17.308	34.	9.6	60.875	7.802	9.72	12.025	32.8
00930p	SODIUM, DISSOLVED (MG/L AS Na)	06/15/83-08/06/98	12	34.5	52.175	160.	18.	1764.16	42.002	19.29	25.45	142.
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	06/15/83-08/06/98	12	2.9	3.138	6.	1.8	1.348	1.161	1.908	2.3	5.4
00941p	CHLORIDE, DISSOLVED IN WATER MG/L	06/15/83-08/06/98	12	26.5	46.983	162.5	2.1	2241.36	47.343	4.47	19.075	146.45
00946p	SULFATE, DISSOLVED (MG/L AS SO4)	06/15/83-08/06/98	12	102.45	129.982	320.	60.	6305.663	79.408	60.96	71.24	287.
61027	ANIONS, SUM, TOTAL IN WATER MG/L	07/18/91-08/06/98	6	176.	182.5	259.	117.	2374.3	48.727	**	**	**
61944	CATIONS, SUM, TOTAL IN WATER, MG/L	07/18/91-08/06/98	6	88.	92.833	122.	71.	346.567	18.616	**	**	**
70300p	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	06/15/83-08/06/98	12	331.	408.333	922.	218.	45917.697	214.284	219.8	266.	850.

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

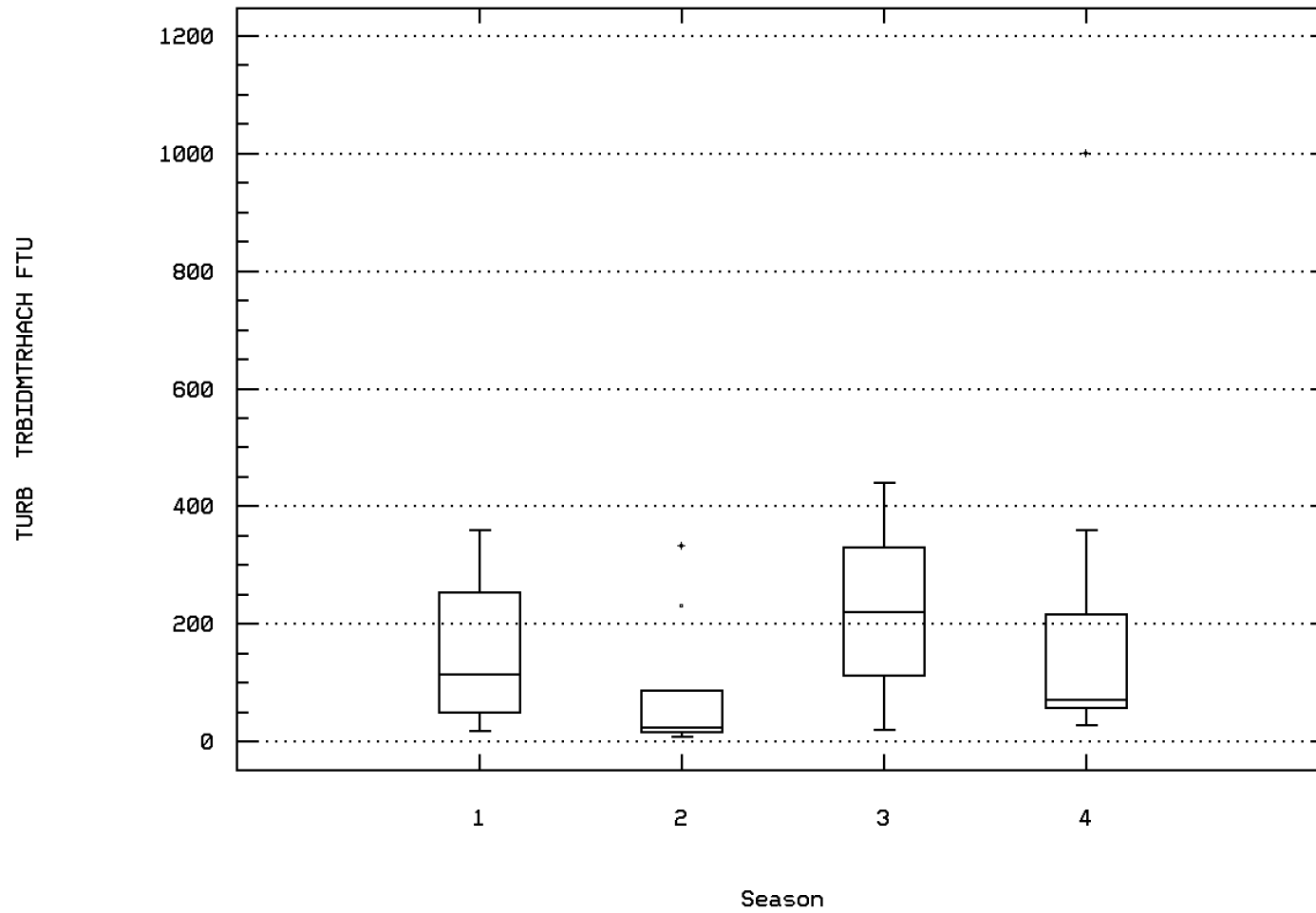
Seasonal Analysis for Season #4: 6/01 to 7/14 - Station CANY0227

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/15/83-08/06/98	12	18.1	17.85	27.	7.4	32.503	5.701	8.99	13.	22.25	26.55
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/15/83-08/06/98	12	70.55	193.333	1000.	28.	74279.953	272.543	31.6	53.375	217.5	808.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/15/83-08/06/98	12	398.	600.833	1489.	347.	139043.97	372.886	347.9	368.75	879.75	1362.7
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/15/83-08/06/98	11	404.	603.636	1505.	327.	140341.255	374.621	333.	365.	763.	1414.
00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	01/15/85-08/06/98	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00300	OXYGEN, DISSOLVED MG/L	08/02/84-08/06/98	6	8.15	7.8	9.8	4.1	3.704	1.925	**	**	**	**
00400	PH (STANDARD UNITS)	10/03/86-08/06/98	8	8.01	7.849	8.1	7.3	0.119	0.345	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/03/86-08/06/98	8	8.008	7.708	8.1	7.3	0.142	0.377	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/03/86-08/06/98	8	0.01	0.02	0.05	0.008	0.	0.019	**	**	**	**
00405p	CARBON DIOXIDE (MG/L AS CO2)	06/15/83-08/06/98	12	1.	2.917	11.	1.	10.811	3.288	1.	1.	3.75	10.1
00406	PH, FIELD, STANDARD UNITS SU	08/02/84-08/06/98	8	7.65	7.65	8.4	7.2	0.149	0.385	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/02/84-08/06/98	8	7.647	7.525	8.4	7.2	0.166	0.408	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/02/84-08/06/98	8	0.023	0.03	0.063	0.004	0.	0.022	**	**	**	**
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	06/15/83-08/06/98	11	90.	103.909	177.	80.	1016.891	31.889	80.	82.	115.	171.4
00440p	BICARBONATE ION (MG/L AS HCO3)	06/15/83-08/06/98	12	110.	125.5	216.	97.	1404.273	37.474	97.3	101.	138.75	205.8
00445	CARBONATE ION (MG/L AS CO3)	01/15/85-08/06/98	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/15/83-08/06/98	12	314.5	588.975	1888.	53.	305891.208	553.074	74.3	194.525	948.	1685.8
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/15/83-08/06/98	12 ##	0.07	0.072	0.19	0.025	0.003	0.052	0.025	0.025	0.1	0.166
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/15/83-05/09/97	11	0.4	0.411	0.78	0.2	0.039	0.197	0.2	0.2	0.577	0.744
00631	NITRITE PLUS NITRATE, DISS. I DET. (MG/L AS N)	04/16/91-08/06/98	4	0.241	0.246	0.32	0.18	0.004	0.063	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	06/15/83-08/06/98	11	0.195	0.362	1.735	0.029	0.232	0.482	0.043	0.12	0.36	1.506
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/16/91-09/09/97	4	0.01	0.019	0.05	0.005	0.	0.021	**	**	**	**
00900p	HARDNESS, TOTAL (MG/L AS CaCO3)	06/15/83-08/06/98	12	152.	201.408	501.3	119.8	13853.884	117.703	121.18	128.	235.375	460.32
00915p	CALCIUM, DISSOLVED (MG/L AS Ca)	06/15/83-08/06/98	12	42.9	54.733	130.	34.	926.953	30.446	34.	34.25	63.5	121.
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/15/83-08/06/98	12	11.3	15.7	43.	8.5	105.365	10.265	8.65	10.	18.75	38.5
00930p	SODIUM, DISSOLVED (MG/L AS Na)	06/15/83-08/06/98	12	34.45	46.358	140.	17.	1258.403	35.474	18.8	23.25	57.	123.8
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	06/15/83-08/06/98	12	2.5	2.72	5.	1.4	1.483	1.218	1.496	1.765	3.	5.
00941p	CHLORIDE, DISSOLVED IN WATER MG/L	06/15/83-08/06/98	12	20.25	41.075	150.	14.	1709.877	41.351	14.	16.5	57.425	131.4
00946p	SULFATE, DISSOLVED (MG/L AS SO4)	06/15/83-08/06/98	12	77.867	132.203	420.	60.18	12122.963	110.104	60.429	68.258	169.	375.
61027	ANIONS, SUM, TOTAL IN WATER MG/L	07/18/91-08/06/98	5	132.	140.6	169.	122.	347.3	18.636	**	**	**	**
61944	CATIONS, SUM, TOTAL IN WATER, MG/L	07/18/91-08/06/98	5	77.	75.4	88.	61.	113.3	10.644	**	**	**	**
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/15/83-08/06/98	11	272.	407.	1078.	204.	73603.4	271.299	205.2	224.	482.	1005.6

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

Station: CANY0227 Parameter Code: 00076

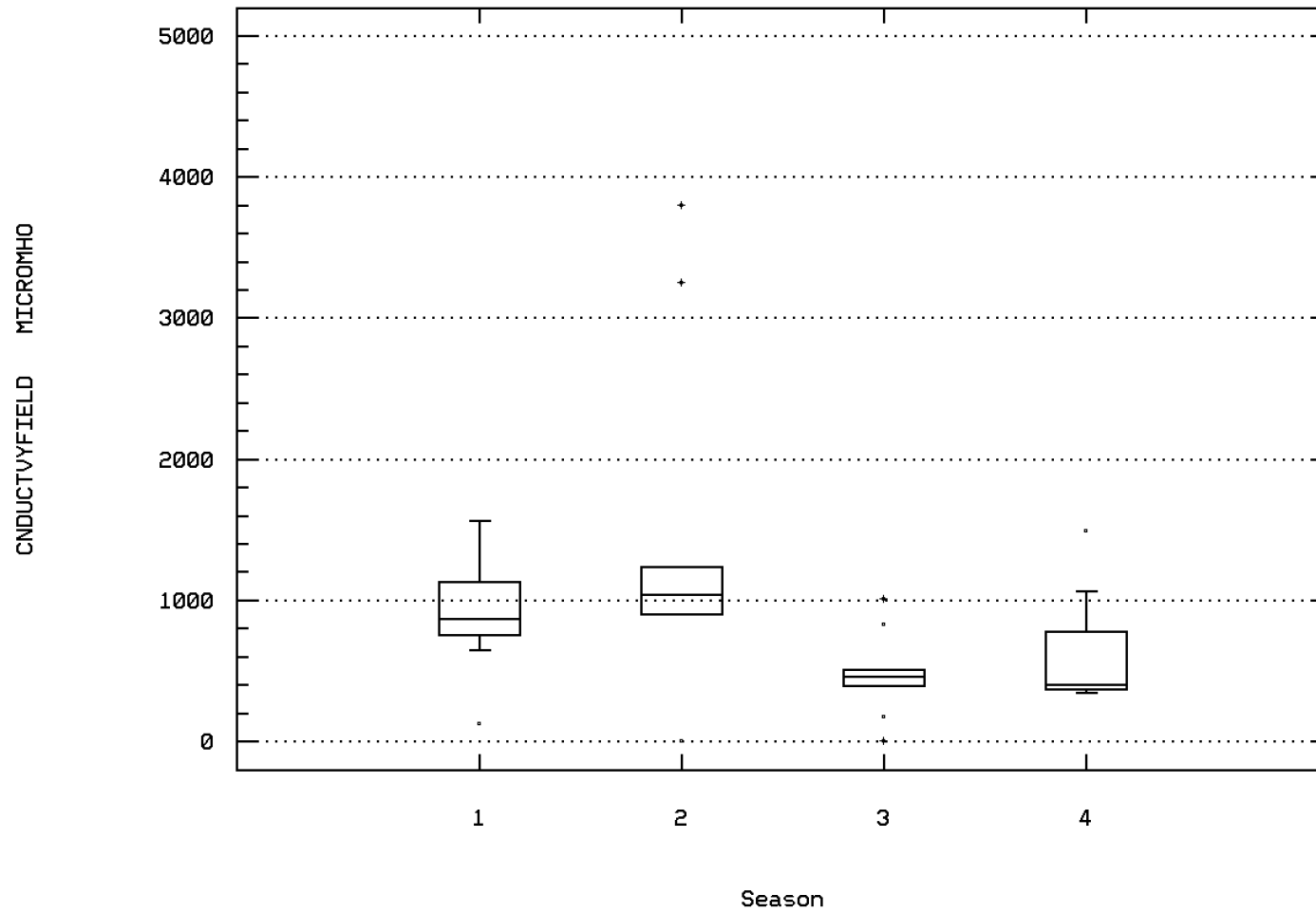
TURBIDITY, HACH TURBIDIMETER (FORMAZIN T



COLORADO R AT LATHROP CAN

Station: CANY0227 Parameter Code: 00094

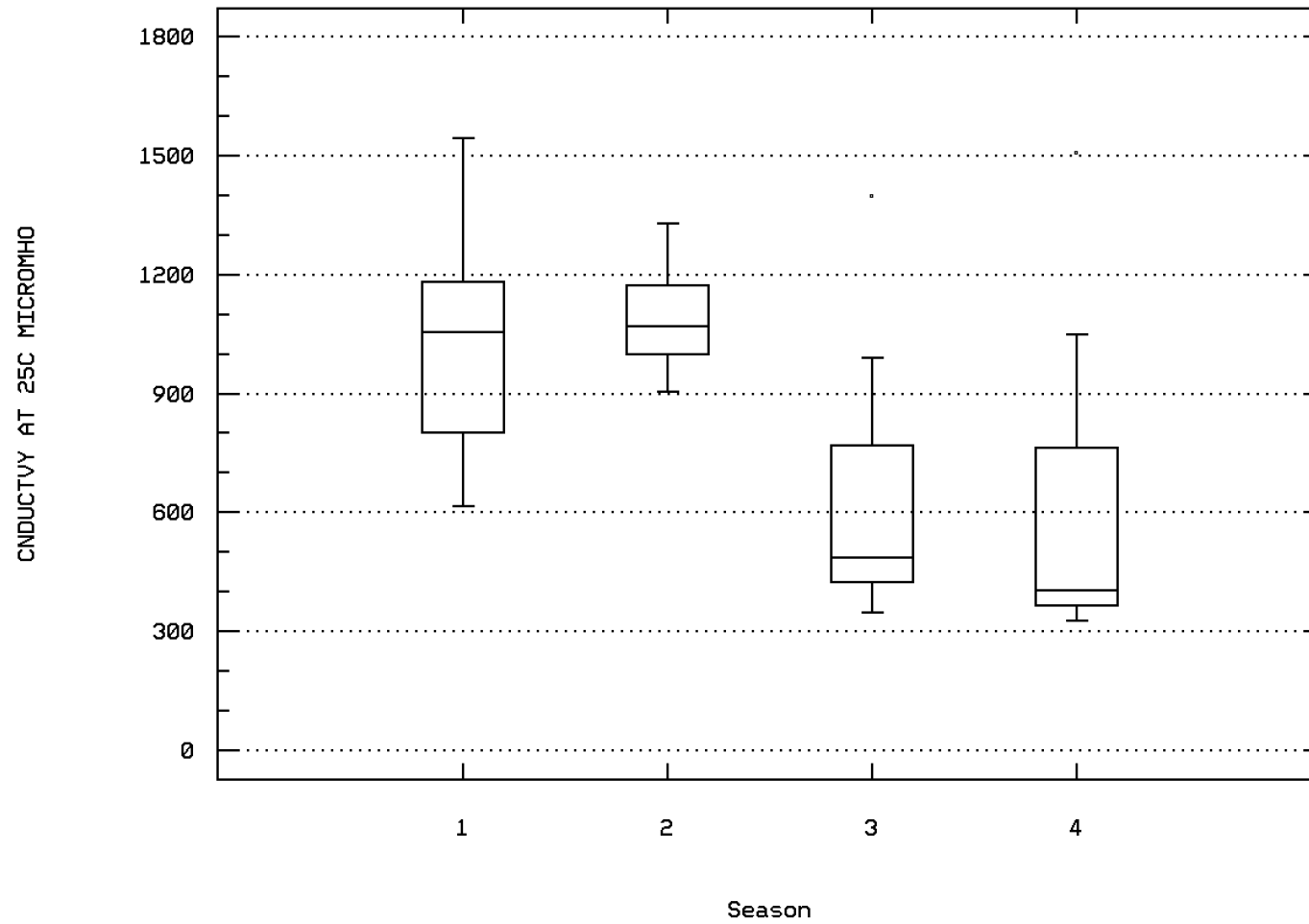
SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @



COLORADO R AT LATHROP CAN

Station: CANY0227 Parameter Code: 00095

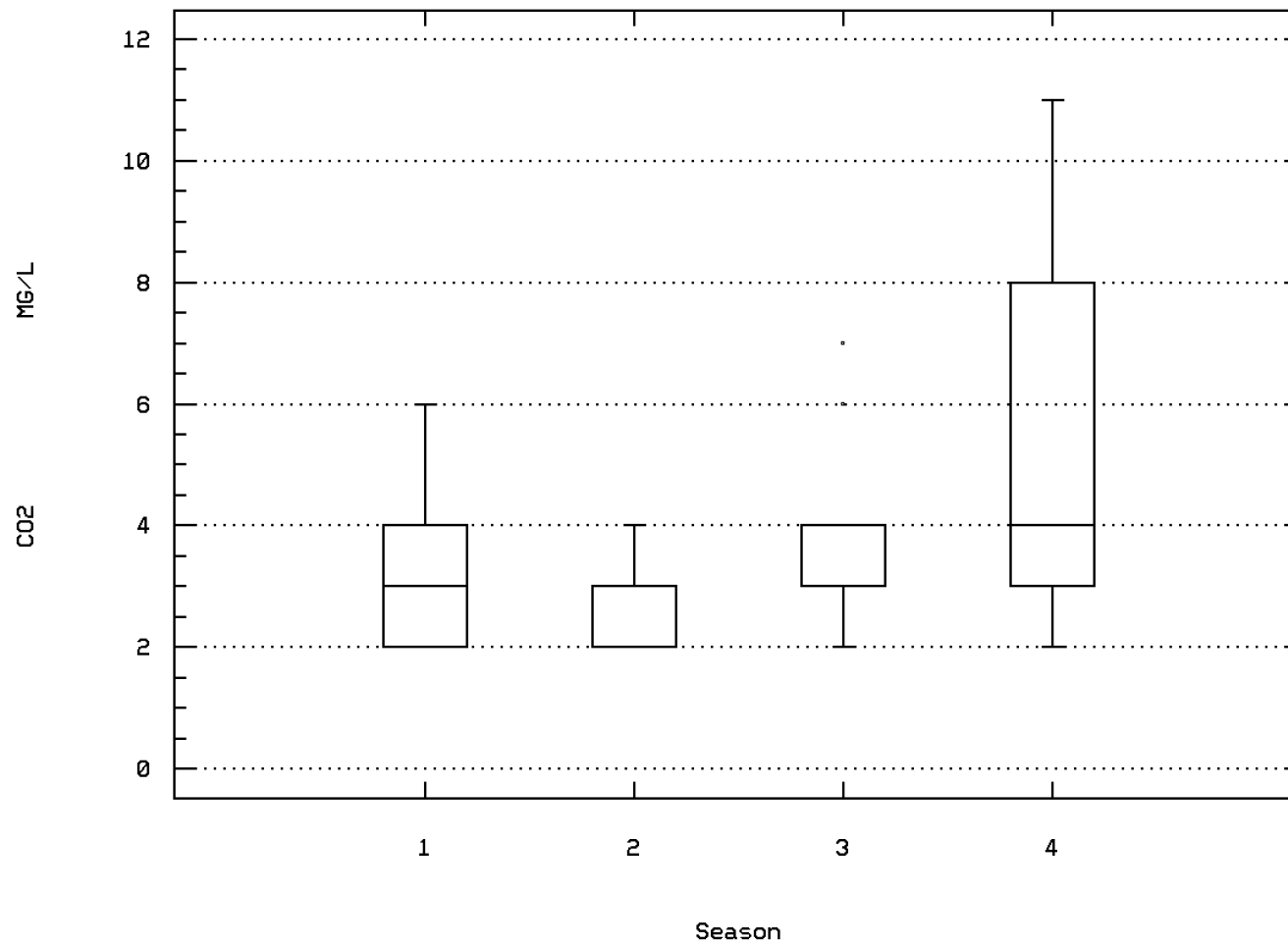
SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)



COLORADO R AT LATHROP CAN

Station: CANY0227 Parameter Code: 00405

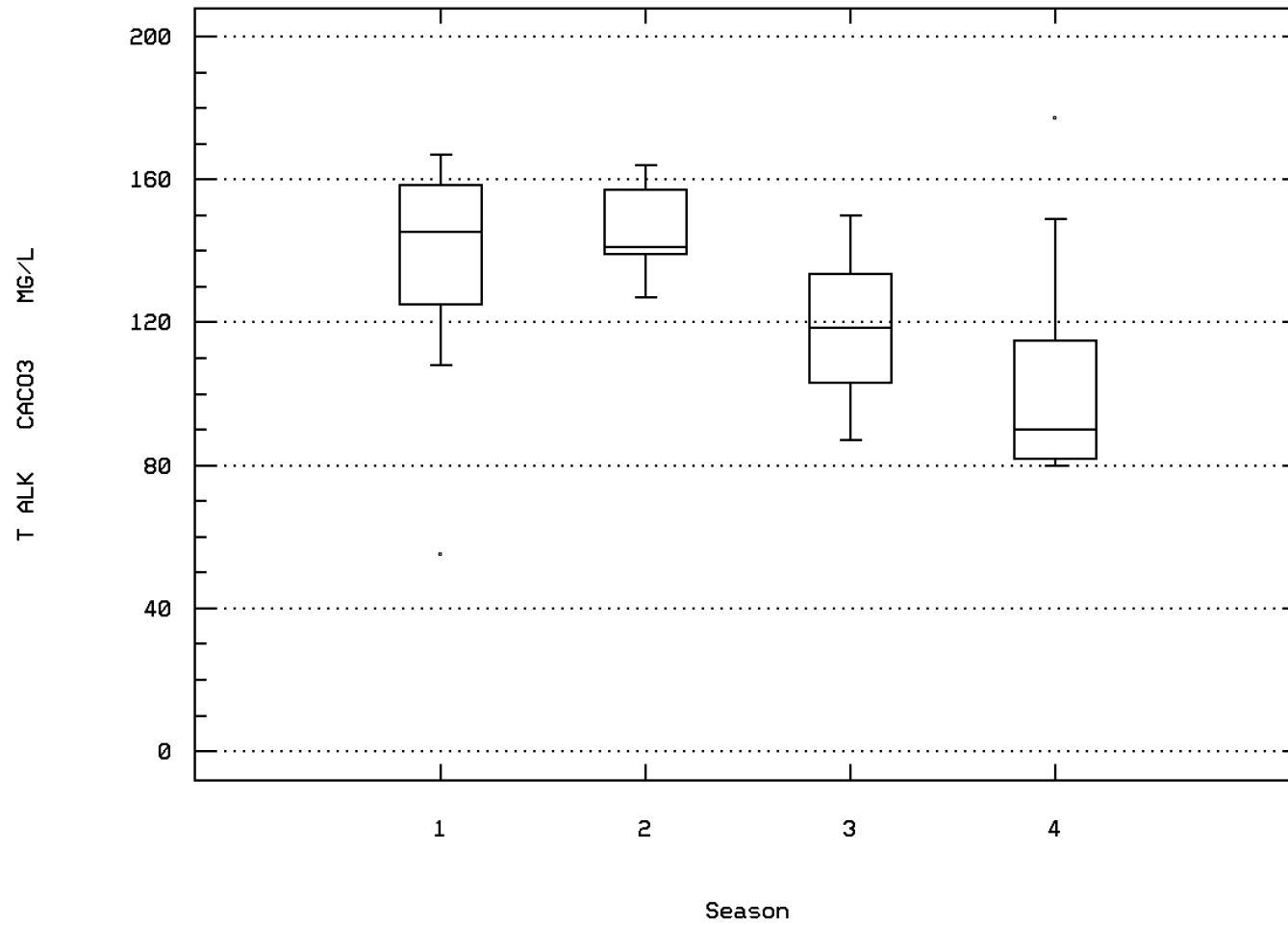
CARBON DIOXIDE (MG/L AS CO2)



COLORADO R AT LATHROP CAN

Station: CANY0227 Parameter Code: 00410

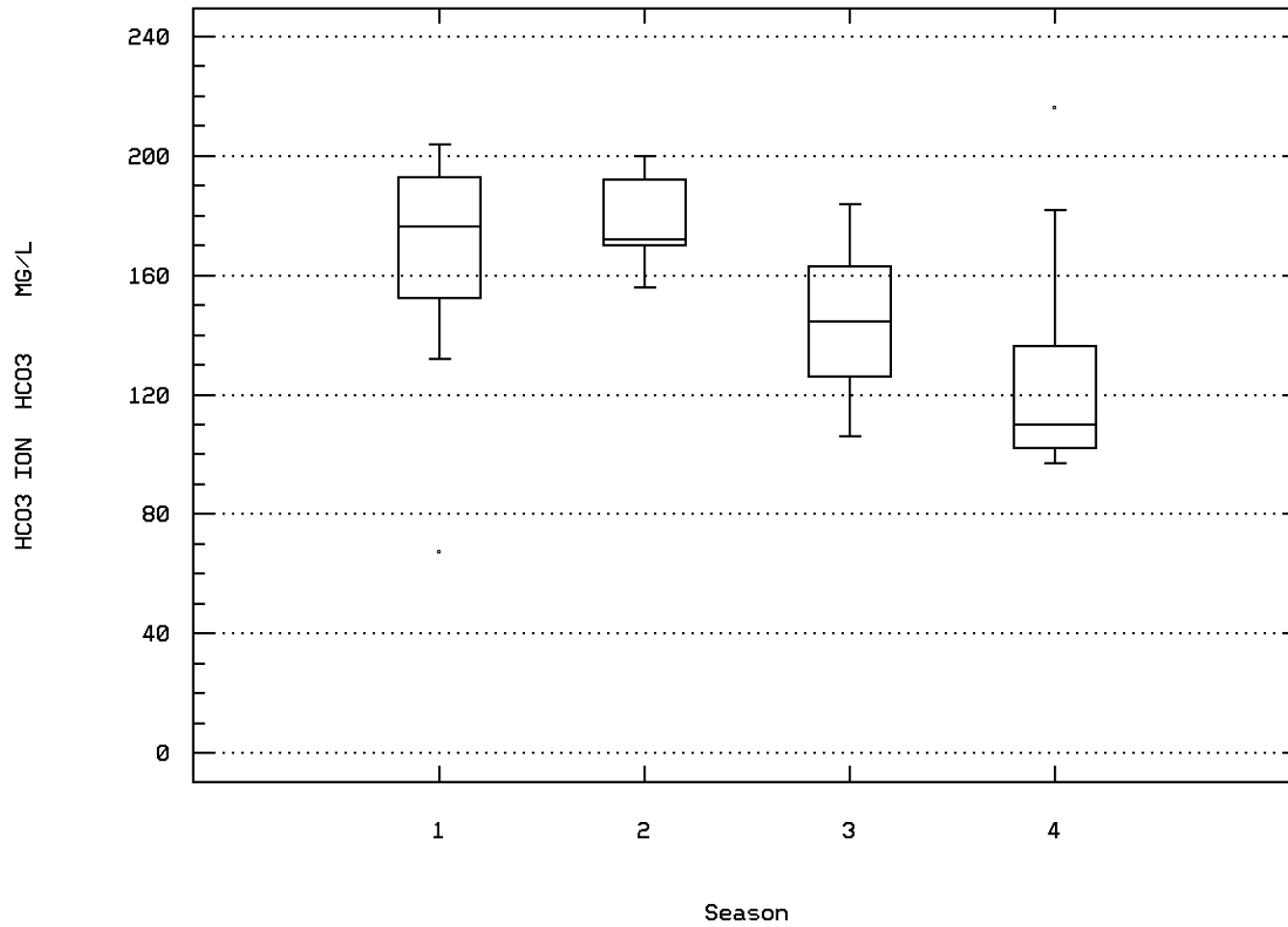
ALKALINITY, TOTAL (MG/L AS CaCO3)



COLORADO R AT LATHROP CAN

Station: CANY0227 Parameter Code: 00440

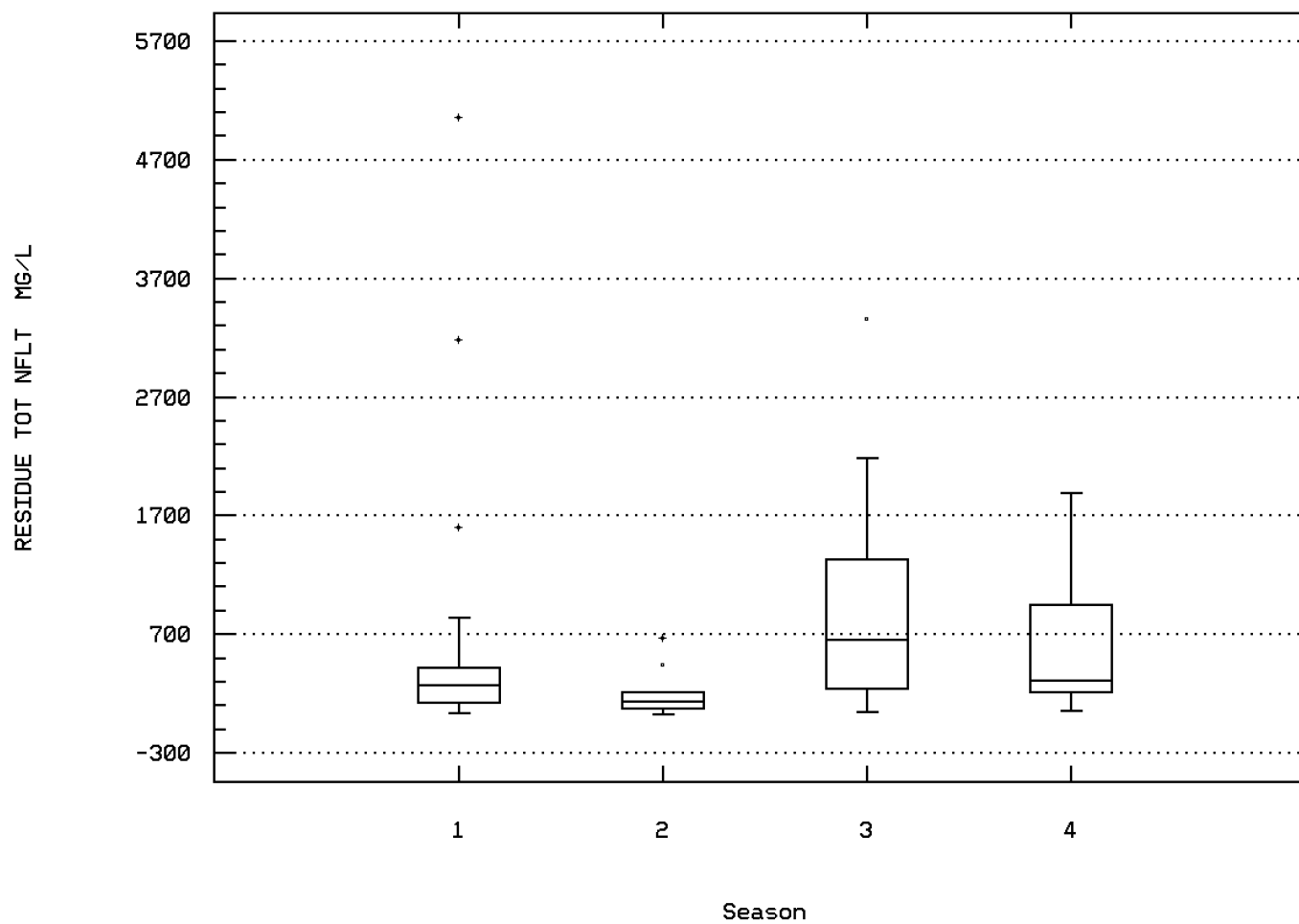
BICARBONATE ION (MG/L AS HCO3)



COLORADO R AT LATHROP CAN

Station: CANY0227 Parameter Code: 00530

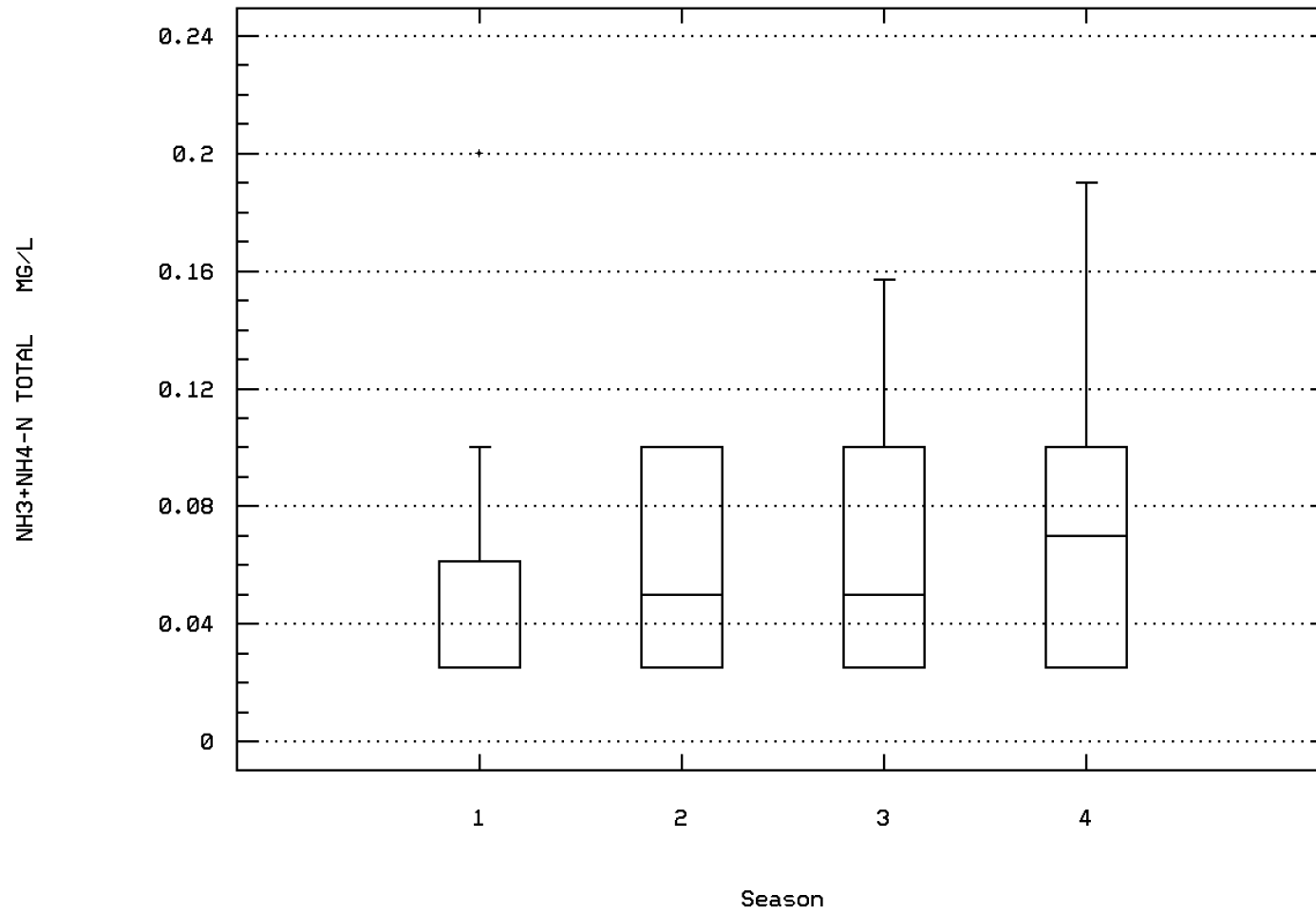
RESIDUE, TOTAL NONFILTRABLE (MG/L)



COLORADO R AT LATHROP CAN

Station: CANY0227 Parameter Code: 00610

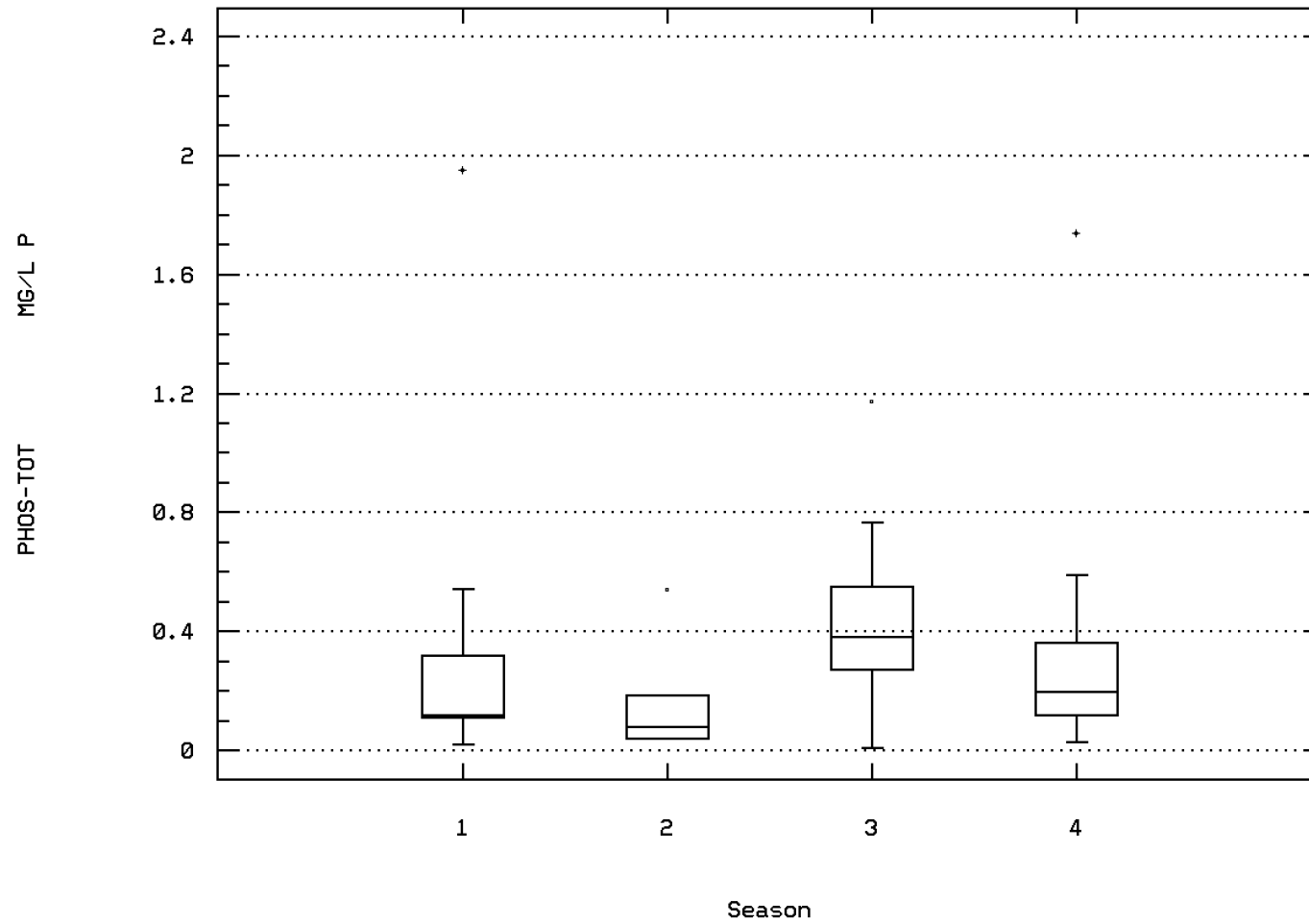
NITROGEN, AMMONIA, TOTAL (MG/L AS N)



COLORADO R AT LATHROP CAN

Station: CANY0227 Parameter Code: 00665

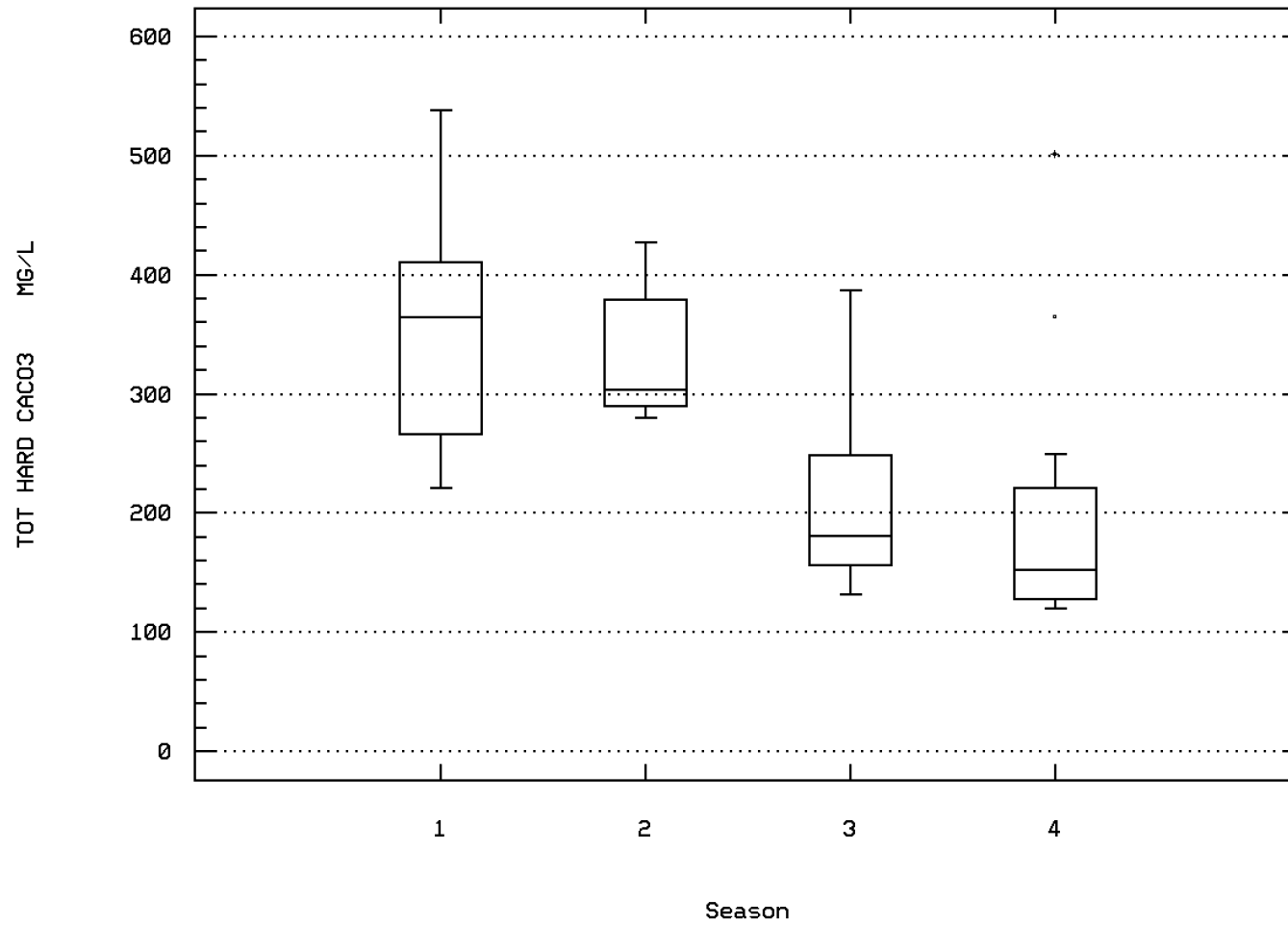
PHOSPHORUS, TOTAL (MG/L AS P)



COLORADO R AT LATHROP CAN

Station: CANY0227 Parameter Code: 00900

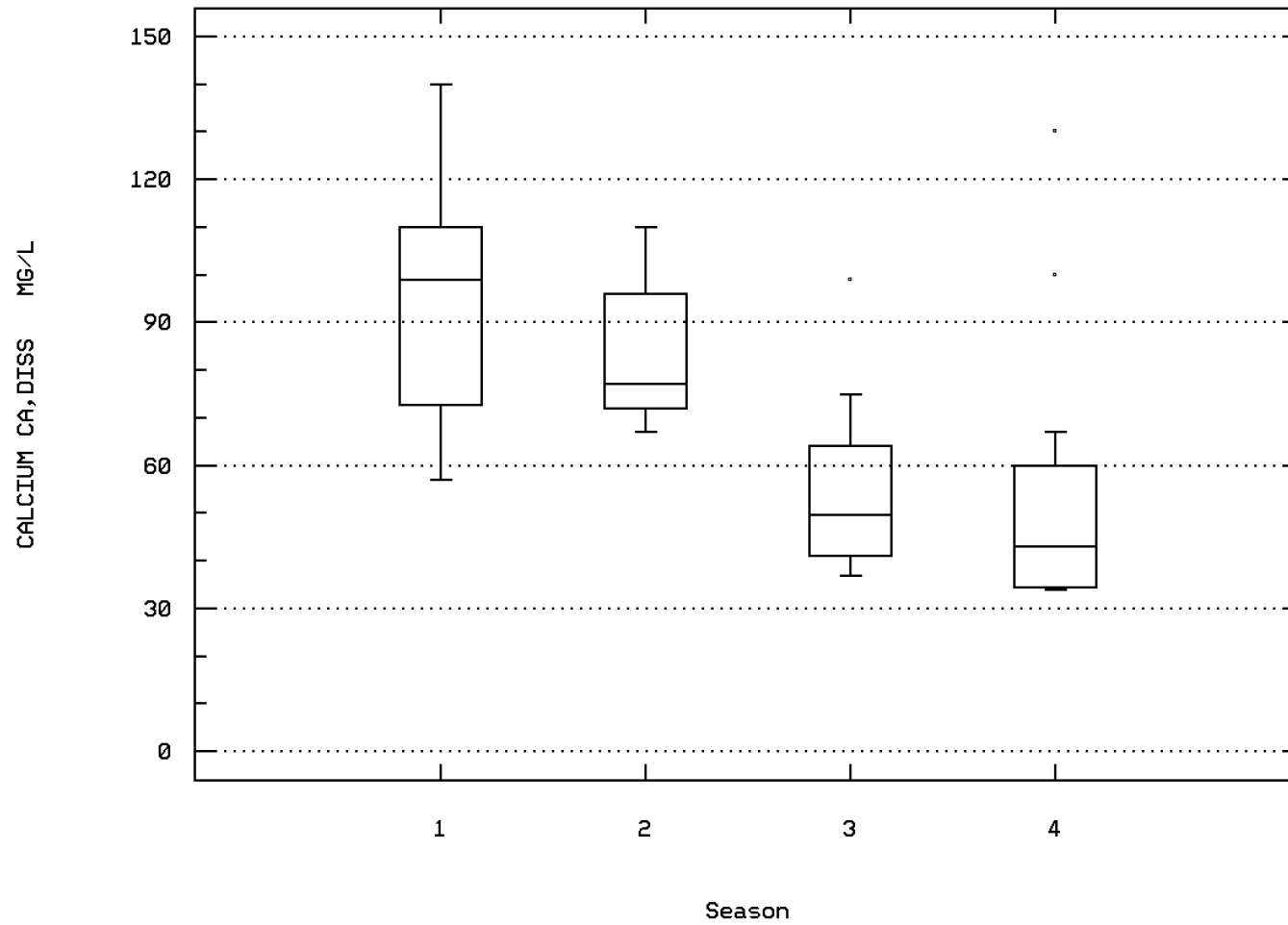
HARDNESS, TOTAL (MG/L AS CaCO3)



COLORADO R AT LATHROP CAN

Station: CANY0227 Parameter Code: 00915

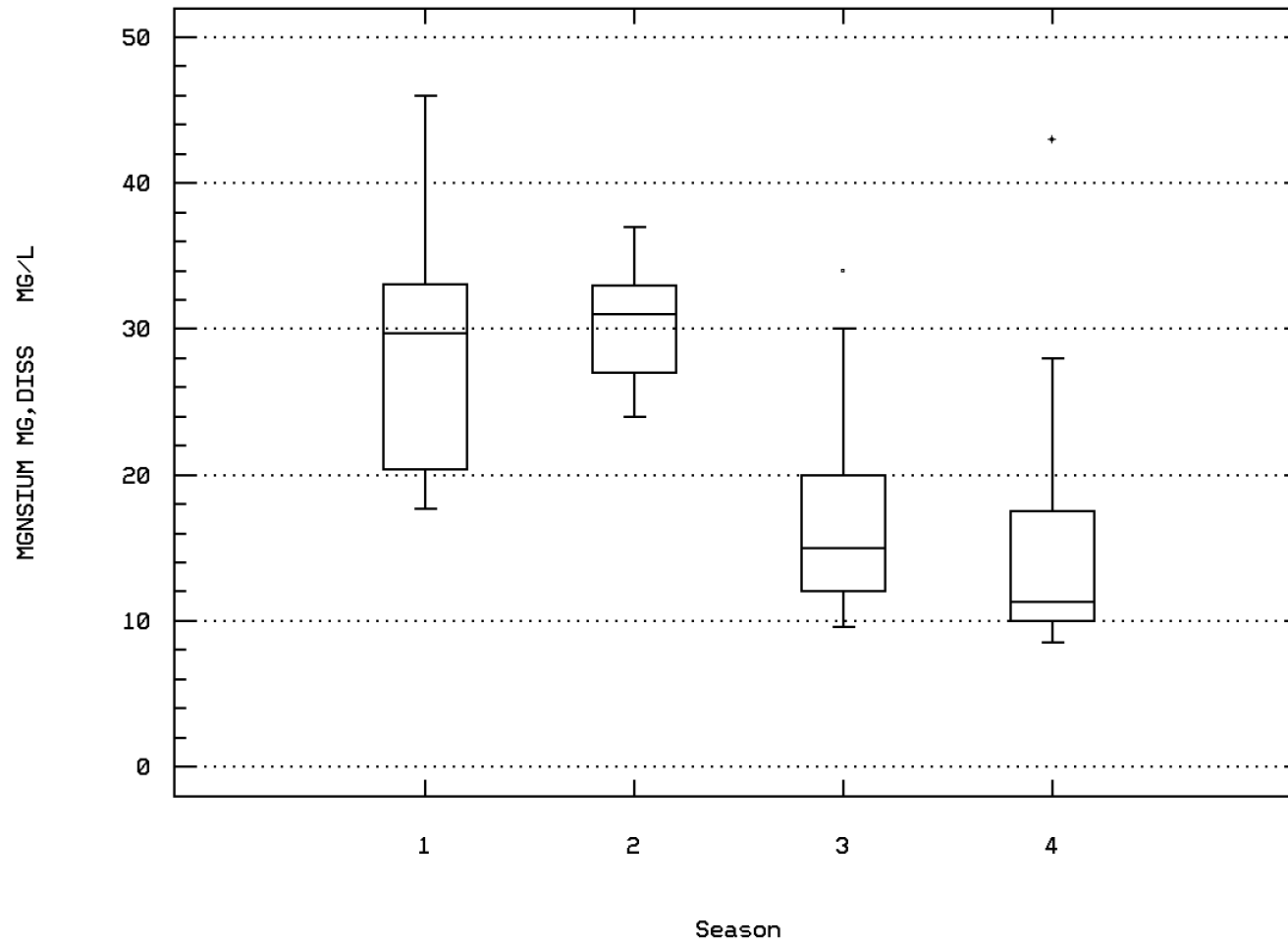
CALCIUM, DISSOLVED (MG/L AS CA)



COLORADO R AT LATHROP CAN

Station: CANY0227 Parameter Code: 00925

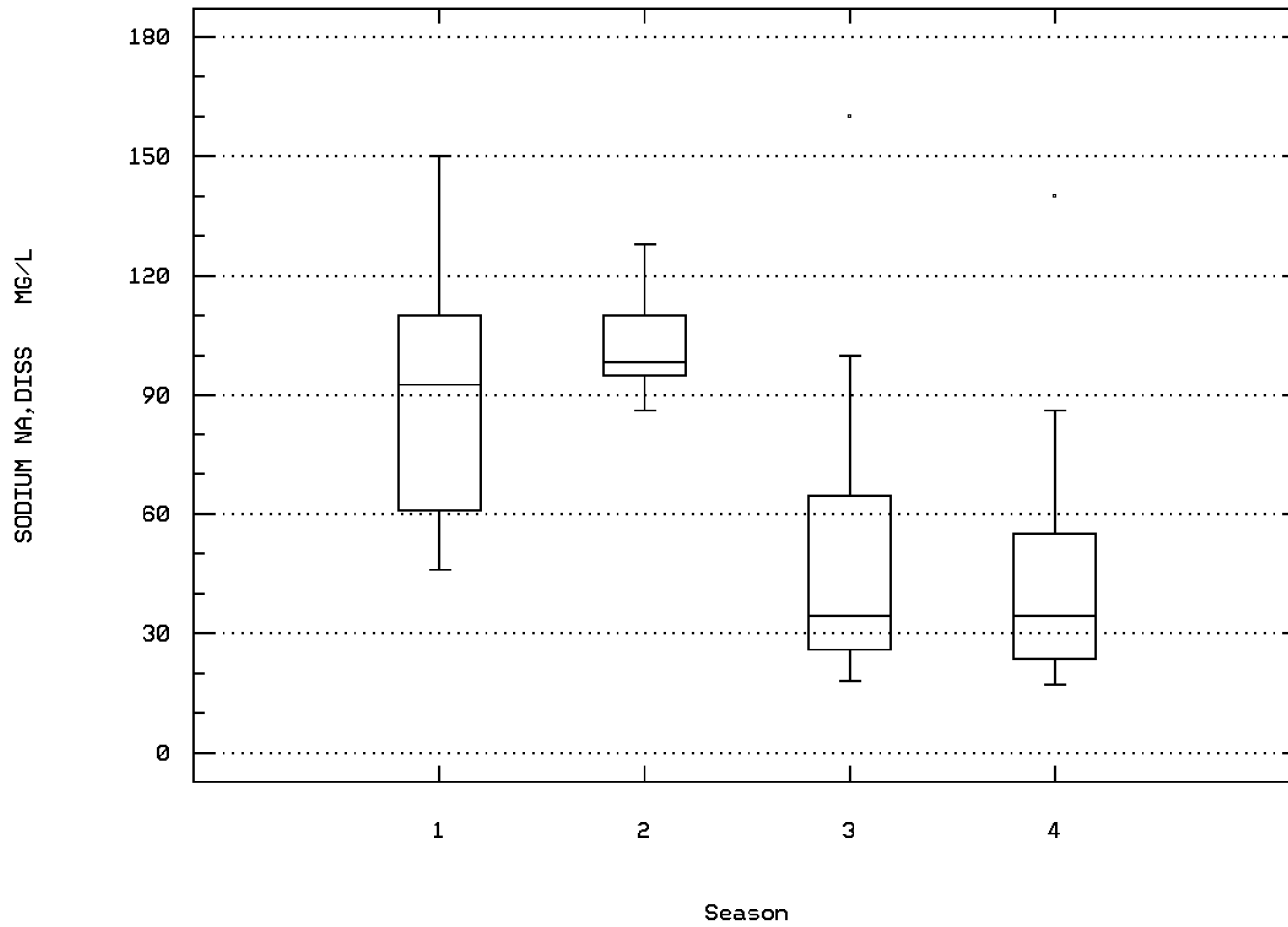
MAGNESIUM, DISSOLVED (MG/L AS MG)



COLORADO R AT LATHROP CAN

Station: CANY0227 Parameter Code: 00930

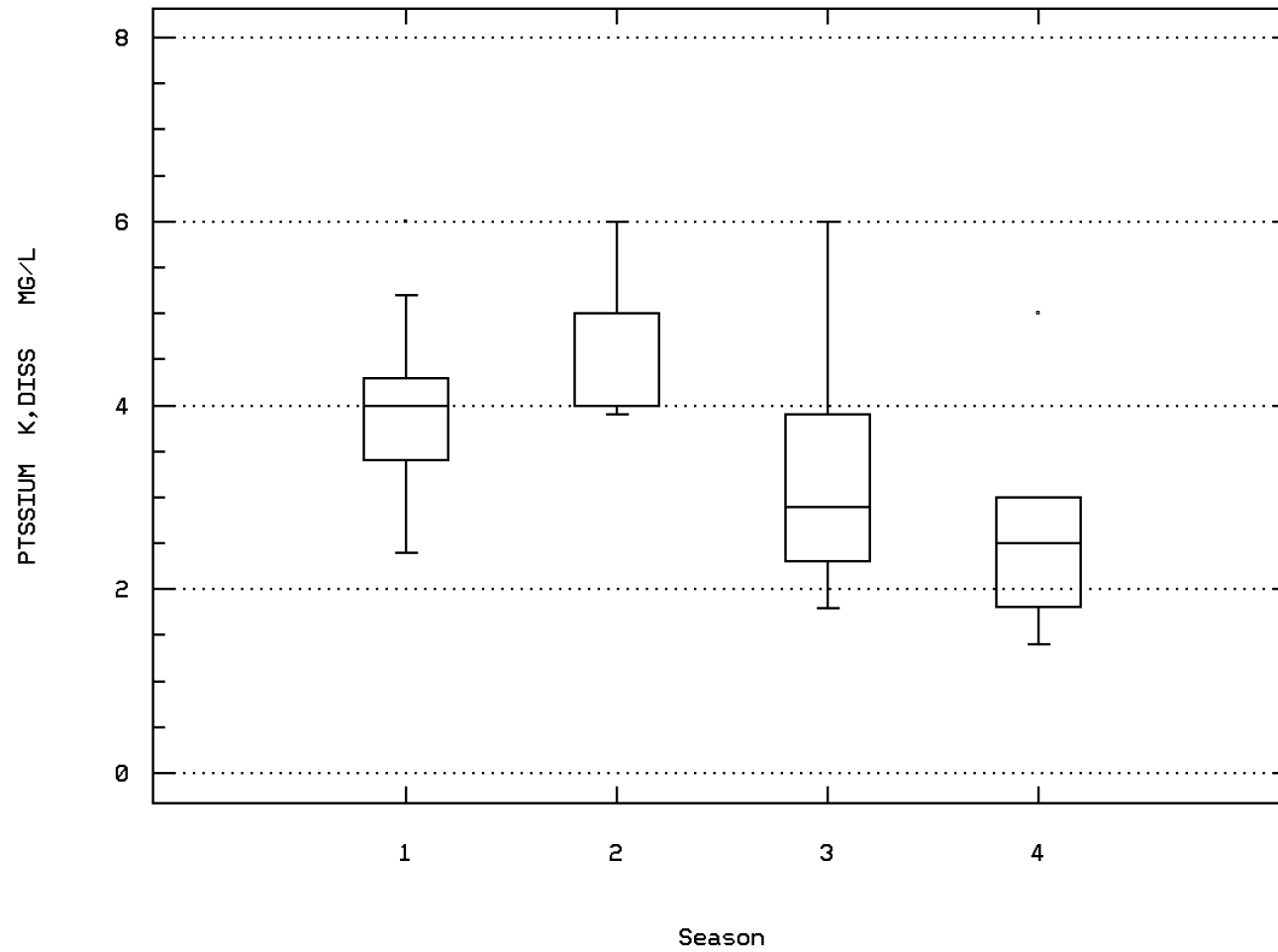
SODIUM, DISSOLVED (MG/L AS NA)



COLORADO R AT LATHROP CAN

Station: CANY0227 Parameter Code: 00935

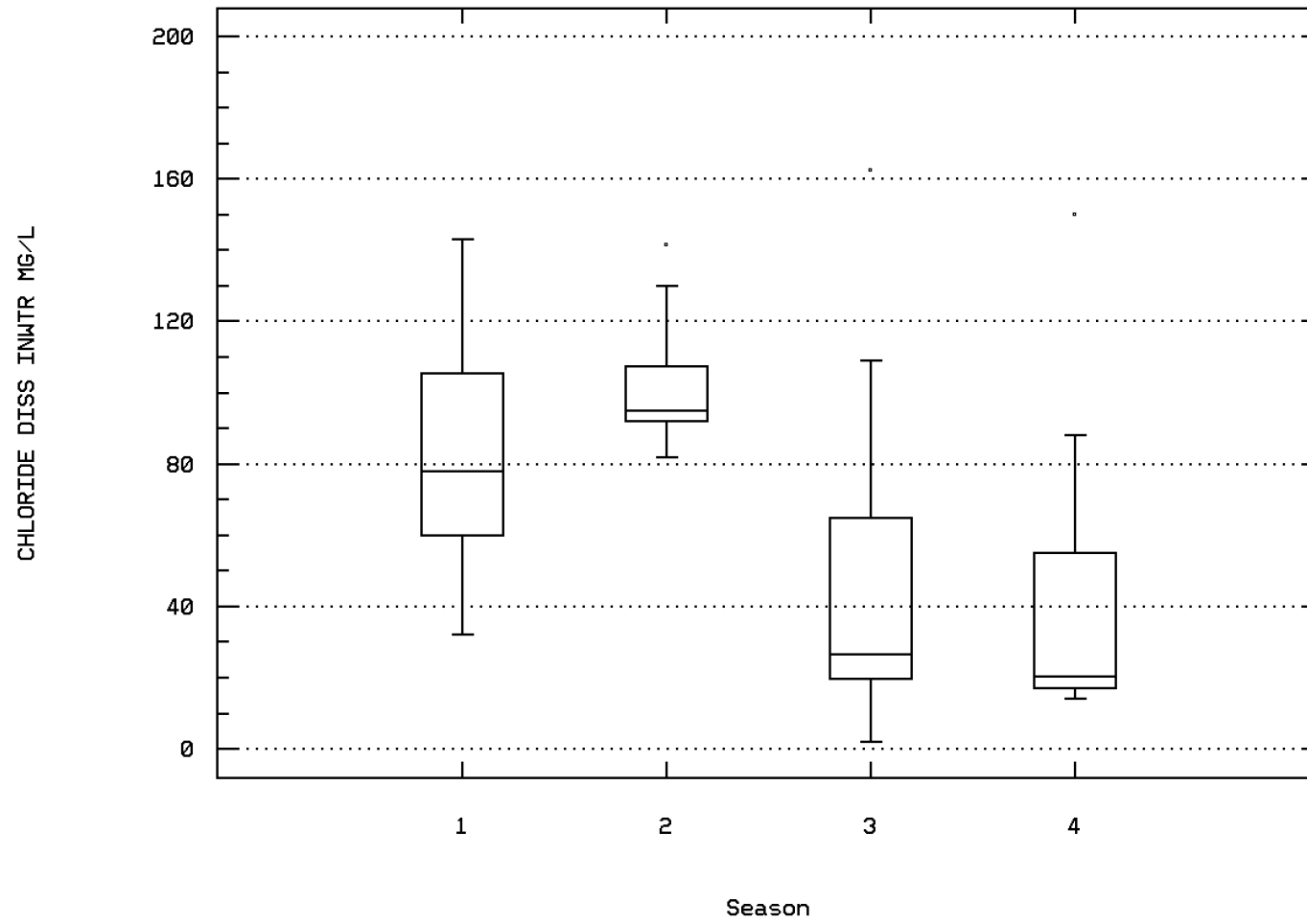
POTASSIUM, DISSOLVED (MG/L AS K)



COLORADO R AT LATHROP CAN

Station: CANY0227 Parameter Code: 00941

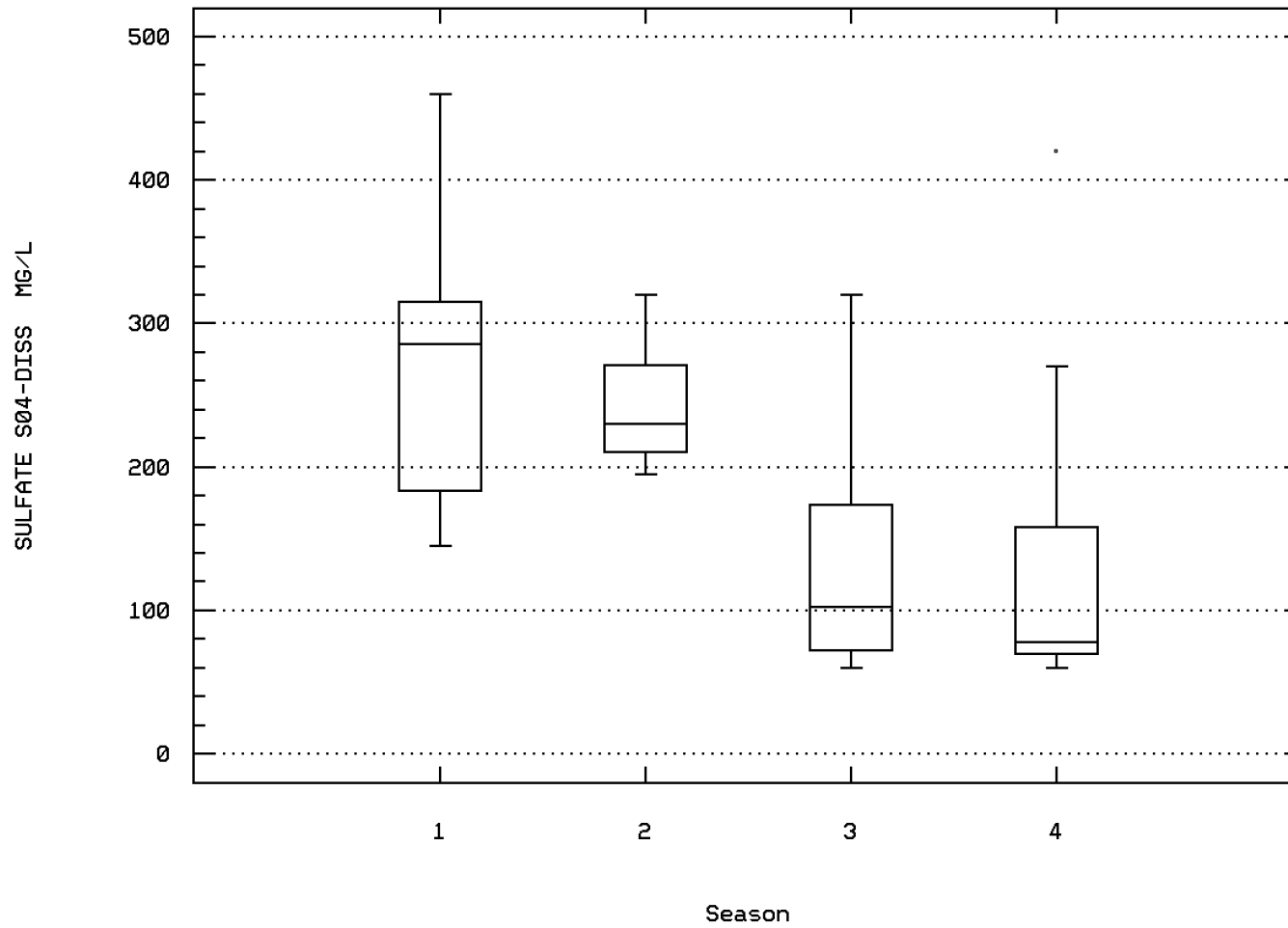
CHLORIDE, DISSOLVED IN WATER



COLORADO R AT LATHROP CAN

Station: CANY0227 Parameter Code: 00946

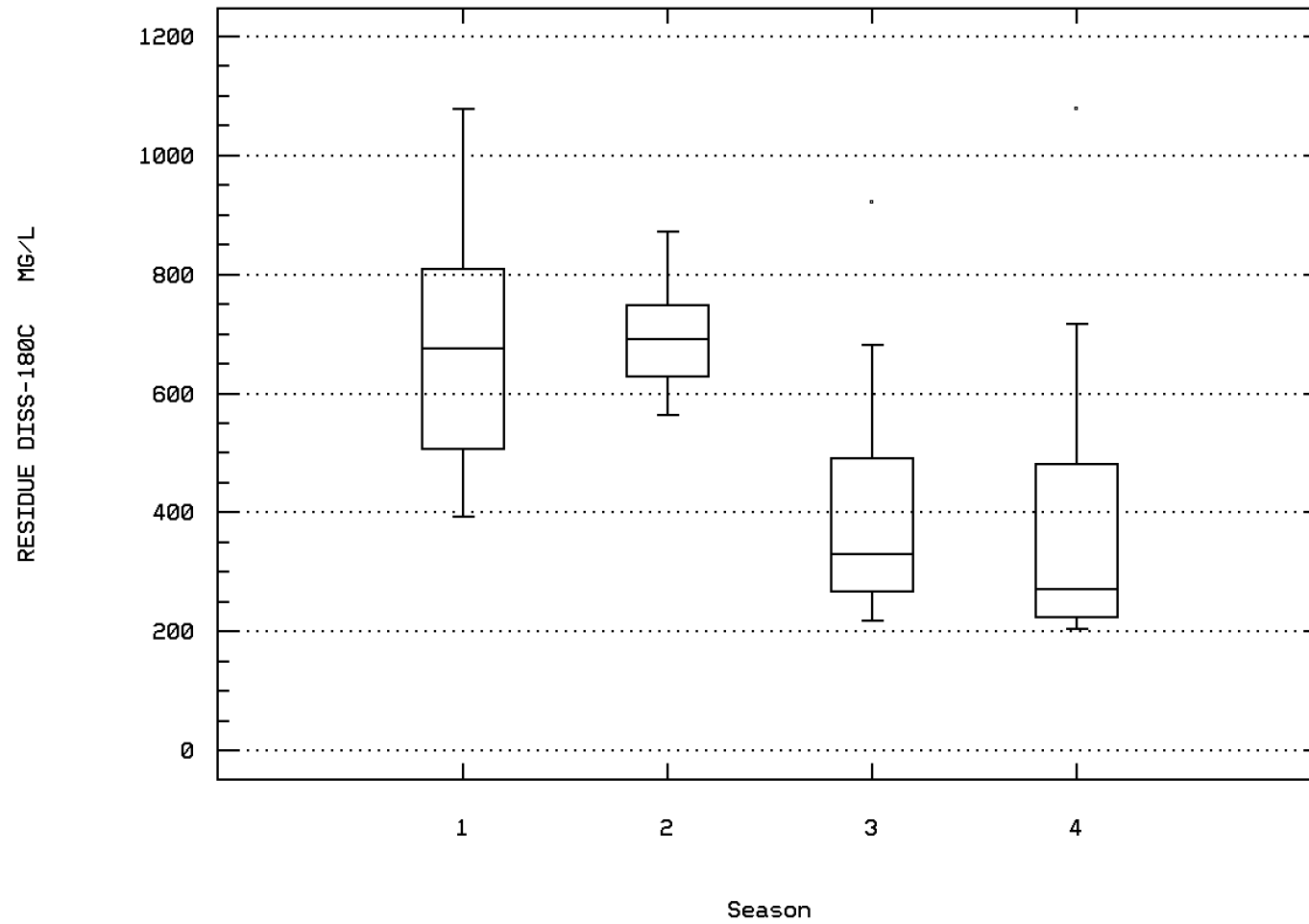
SULFATE, DISSOLVED (MG/L AS S04)



COLORADO R AT LATHROP CAN

Station: CANY0227 Parameter Code: 70300

RESIDUE, TOTAL FILTRABLE (DRIED AT 180C)



COLORADO R AT LATHROP CAN

Station Inventory for Station: CANY0228

NPS Station ID: CANY0228
 Location: ANDERSON BOTTOM SEEP/SPRING
 Station Type: /TYPA/AMBNT/SPRING
 RMI-Indexes:
 RMI-Miles:
 HUC: 14060008
 Major Basin: COLORADO RIVER
 Minor Basin: GREEN RIVER
 RF1 Index: 14060008
 RF3 Index: 14070004002901.17
 Description:

LAT/LON: 38.368920/-110.015560

Depth of Water: 0
 Elevation: 4080

RF1 Mile Point: 0.000
 RF3 Mile Point: 2.36

Agency: 11NPSWRD
 FIPS State/County: 49055 UTAH/WAYNE
 STORET Station ID(s): CANY_BLM_ABTM
 Within Park Boundary: Yes

Date Created: 08/07/99

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.80
 Distance from RF3: 0.11

On/Off RF1:
 On/Off RF3:

THE STATION IS LOCATED ON THE CLEOPATRAS CHAIR UT 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT ANDERSON BOTTOM SPRING/SEEP INSIDE THE CANYONLANDS NATIONAL PARK. DATA ARE FROM THE REPORT "ARCHES AND CANYONLANDS NATIONAL PARK AQUATIC STUDY" BY J. CONNOR (NPS) AND W.G. KEPNER (BLM) (1983). THE PURPOSE OF THE STUDY WAS TO MONITOR THE IMPACTS BY VISITORS IN THE BACKCOUNTRY TO WATER SOURCES IN THE PARKS. THE STUDY WAS A JOINT EFFORT BETWEEN THE NATIONAL PARK SERVICE AND THE BUREAU OF LAND MANAGEMENT. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT ARCHES NATIONAL PARK; P.O. BOX 907; MOAB UT 84532 (TEL. 801-259-8161). DATA WERE PROCESSED AND UPLOADED TO STORET BY LISA DUMMER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DR. SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: CANY0228

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/01/83-09/01/83	1	22.3	22.3	22.3	22.3	0.	0.	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	09/01/83-09/01/83	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00094 SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	09/01/83-09/01/83	1	368.	368.	368.	368.	0.	0.	**	**	**	**
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/01/83-09/01/83	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00406 PH, FIELD, STANDARD UNITS SU	09/01/83-09/01/83	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS	09/01/83-09/01/83	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/01/83-09/01/83	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	09/01/83-09/01/83	1	100.	100.	100.	100.	0.	0.	**	**	**	**
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	09/01/83-09/01/83	1	0.12	0.12	0.12	0.12	0.	0.	**	**	**	**
00660 PHOSPHATE, ORTHO (MG/L AS PO4)	09/01/83-09/01/83	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	09/01/83-09/01/83	1	180.	180.	180.	180.	0.	0.	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	09/01/83-09/01/83	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: CANY0228

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00	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	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

EPA Water Quality Criteria Analysis for Station: CANY0228

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
							Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (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: CANY0229

NPS Station ID: CANY0229 Location: WHITE RIM #2 SPRING Station Type: /TYP/AMBNT/SPRING RMI-Indexes: RMI-Miles: HUC: 14030005 Major Basin: COLORADO RIVER Minor Basin: UPPER COLORADO RIVER RF1 Index: 14030005 RF3 Index: 14070004002901.17 Description: THE STATION IS LOCATED ON THE MONUMENT BASIN UTAH 7.5 MINUTE SERIES THE CANYONLANDS NATIONAL PARK. THE DATA ARE FROM THE REPORT "THE NORTHERN PART OF CANYONLANDS NATIONAL PARK AND BRIDGES NATIONAL SUBMITTED TO THE NATIONAL PARK SERVICE FOR CONTRACT CX-1200-7-B020. NATIONAL PARK; 2282 S. WEST RESOURCE BLVD.; MOAB UT 84532 LISA DUMMER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK	LAT/LON: 38.373226/-109.822032 Depth of Water: 0 Elevation: 0 RF1 Mile Point: 0.000 RF3 Mile Point: 2.36	Agency: 11NPSWRD FIPS State/County: 49037 UTAH/SAN JUAN STORET Station ID(s): CANY_WWRR1_WR2 Within Park Boundary: Yes Aquifer: Water Body Id: ECO Region: Distance from RF1: 0.80 Distance from RF3: 0.11

Date Created: 08/02/99

On/Off RF1:
On/Off RF3:

(TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT WHITE RIM #2 SPRING INSIDE
 HYDROGEOLOGIC FEASIBILITY OF DEVELOPING GROUND-WATER SUPPLIES IN THE
 MONUMENT; UTAH" BY P.W. HUNTOON (NOVEMBER 1977). THE REPORT WAS
 FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT CANYONLANDS
 (TEL. 801-259-7164). DATA WERE PROCESSED AND UPLOADED TO STORET BY
 RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: CANY0229

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011 TEMPERATURE, WATER (DEGREES FAHRENHEIT)	08/21/77-08/21/77	1	67.	67.	67.	67.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/21/77-08/21/77	1	386.	386.	386.	386.	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	08/21/77-08/21/77	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	08/21/77-08/21/77	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/21/77-08/21/77	1	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00440 BICARBONATE ION (MG/L AS HCO3)	08/21/77-08/21/77	1	160.	160.	160.	160.	0.	0.	**	**	**	**
00618 NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/21/77-08/21/77	1	2.8	2.8	2.8	2.8	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	08/21/77-08/21/77	1	150.	150.	150.	150.	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	08/21/77-08/21/77	1	39.	39.	39.	39.	0.	0.	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	08/21/77-08/21/77	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	08/21/77-08/21/77	1	21.	21.	21.	21.	0.	0.	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	08/21/77-08/21/77	1	2.8	2.8	2.8	2.8	0.	0.	**	**	**	**
00940 CHLORIDE, TOTAL IN WATER MG/L	08/21/77-08/21/77	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	08/21/77-08/21/77	1	35.	35.	35.	35.	0.	0.	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	08/21/77-08/21/77	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SiO2)	08/21/77-08/21/77	1	16.	16.	16.	16.	0.	0.	**	**	**	**
01020 BORON, DISSOLVED (UG/L AS B)	08/21/77-08/21/77	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
70300 RESIDUE, TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/21/77-08/21/77	1	308.	308.	308.	308.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0229

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
							Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	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									
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		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									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	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

Station Inventory for Station: CANY0230

NPS Station ID: CANY0230
 Location: LATHROP SPRING
 Station Type: /TYPA/AMBNT/SPRING
 RMI-Indexes:
 RMI-Miles:
 HUC: 14030005
 Major Basin:
 Minor Basin:
 RF1 Index:
 RF3 Index: 14030005000729.32
 Description:

LAT/LON: 38.376333/-109.781667

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 29.85

Agency: 21UTAH
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): 495561
 Within Park Boundary: Yes

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 1.10
 Distance from RF3: 0.05

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: CANY0230

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/07/87-09/07/87	1	20.7	20.7	20.7	20.7	0.	0.	**	**	**	**
00094 SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	09/07/87-09/07/87	1	3880.	3880.	3880.	3880.	0.	0.	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	09/07/87-09/07/87	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00406 PH, FIELD, STANDARD UNITS SU	09/07/87-09/07/87	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS	09/07/87-09/07/87	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/07/87-09/07/87	1	0.063	0.063	0.063	0.063	0.	0.	**	**	**	**
01501 ALPHA, TOTAL	09/07/87-09/07/87	1	5.	5.	5.	5.	0.	0.	**	**	**	**
03501 BETA, TOTAL	09/07/87-09/07/87	1 ##	6.	6.	6.	6.	0.	0.	**	**	**	**
09501 RADIUM 226, TOTAL	09/07/87-09/07/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0230

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	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									
09501 RADIUM 226, TOTAL	Drinking Water	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: CANY0231

NPS Station ID: CANY0231 Location: WHITE RIM #1 SPRING Station Type: /TYP/AMBNT/SPRING RMI-Indexes: RMI-Miles: HUC: 14030005 Major Basin: COLORADO RIVER Minor Basin: UPPER COLORADO RIVER RF1 Index: 14030005 RF3 Index: 14070004002901.17 Description: THE STATION IS LOCATED ON THE MUSSELMAN ARCH UTAH 7.5 MINUTE SERIES THE CANYONLANDS NATIONAL PARK. THE DATA ARE FROM THE REPORT "THE NORTHERN PART OF CANYONLANDS NATIONAL PARK AND BRIDGES NATIONAL SUBMITTED TO THE NATIONAL PARK SERVICE FOR CONTRACT CX-1200-7-B020. NATIONAL PARK; 2282 S. WEST RESOURCE BLVD.; MOAB UT 84532 LISA DUMMER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK	LAT/LON: 38.380059/-109.795837 Depth of Water: 0 Elevation: 0 RF1 Mile Point: 0.000 RF3 Mile Point: 2.36	Agency: 11NPSWRD FIPS State/County: 49037 UTAH/SAN JUAN STORET Station ID(s): CANY_WWRR1_WR1 Within Park Boundary: Yes Aquifer: Water Body Id: ECO Region: Distance from RF1: 0.80 Distance from RF3: 0.11

Date Created: 08/02/99

On/Off RF1:
On/Off RF3:

(TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT WHITE RIM #1 SPRING INSIDE
 HYDROGEOLOGIC FEASIBILITY OF DEVELOPING GROUND-WATER SUPPLIES IN THE
 MONUMENT; UTAH" BY P.W. HUNTOON (NOVEMBER 1977). THE REPORT WAS
 FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT CANYONLANDS
 (TEL. 801-259-7164). DATA WERE PROCESSED AND UPLOADED TO STORET BY
 RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: CANY0231

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011 TEMPERATURE, WATER (DEGREES FAHRENHEIT)	08/21/77-08/21/77	1	63.	63.	63.	63.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/21/77-08/21/77	1	395.	395.	395.	395.	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	08/21/77-08/21/77	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	08/21/77-08/21/77	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/21/77-08/21/77	1	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
00440 BICARBONATE ION (MG/L AS HCO3)	08/21/77-08/21/77	1	220.	220.	220.	220.	0.	0.	**	**	**	**
00618 NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/21/77-08/21/77	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	08/21/77-08/21/77	1	160.	160.	160.	160.	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	08/21/77-08/21/77	1	42.	42.	42.	42.	0.	0.	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	08/21/77-08/21/77	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	08/21/77-08/21/77	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	08/21/77-08/21/77	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
00940 CHLORIDE,TOTAL IN WATER MG/L	08/21/77-08/21/77	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	08/21/77-08/21/77	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	08/21/77-08/21/77	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SiO2)	08/21/77-08/21/77	1	19.	19.	19.	19.	0.	0.	**	**	**	**
01020 BORON, DISSOLVED (UG/L AS B)	08/21/77-08/21/77	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/21/77-08/21/77	1	270.	270.	270.	270.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0231

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
							Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	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									
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		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									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	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

Station Inventory for Station: CANY0232

NPS Station ID: CANY0232	LAT/LON: 38.387281/-109.786115	Agency: 11NPSWRD	Date Created: 05/22/99
Location: WHITE RIM SPG #1 IN LATHROP CANYON		FIPS State/County: 49037 UTAH/SAN JUAN	
Station Type: /TYP/AMBNT/SPRING		STORET Station ID(s): CANY_NPS_599563/WR1 /599563	
RMI-Indexes:		Within Park Boundary: Yes	
RMI-Miles:			
HUC: 14030005	Depth of Water: 0	Aquifer:	
Major Basin: COLORADO RIVER	Elevation: 0	Water Body Id:	
Minor Basin: UPPER COLORADO RIVER		ECO Region:	
RF1 Index: 14030005	RF1 Mile Point: 0.000	Distance from RF1: 0.80	On/Off RF1:
RF3 Index: 14070004002901.17	RF3 Mile Point: 2.36	Distance from RF3: 0.11	On/Off RF3:
Description:			
THE STATION IS LOCATED ON THE MUSSELMAN ARCH UTAH 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. LATHROP CANYON IS A WASH SPRING AND IS LOCATED INSIDE THE CANYONLANDS NATIONAL PARK BOUNDARY. THE SAMPLES WERE COLLECTED AND ANALYZED BY NATIONAL PARK SERVICE PERSONNEL. THE MONITORING BEGAN IN RESPONSE TO A PROPOSED SITING OF A NUCLEAR WASTE REPOSITORY NEAR THE PARK AS STATED BY B. LONG AND R. SMITH IN THE REPORT "WATER QUALITY DATA ANALYSIS AND INTERPRETATION FOR SPRING MONITORING SITES SOUTHEAST UTAH GROUP" (AUGUST 1996). THE INITIAL MONITORING OBJECTIVES WERE TO ESTABLISH A BASELINE DATABASE; DETECT POTENTIAL CHANGES; AND IDENTIFY AREAS OF CONCERN. THE UTAH DEPARTMENT OF ENVIRONMENTAL QUALITY ANALYZED THE SAMPLES IN A COOPERATIVE EFFORT WITH THE PARK SERVICE AFTER 9/12/1989. THESE DATA CAN BE FOUND UNDER THE STATION 599563. DATA WERE PROCESSED AND UPLOADED TO STORET BY LISA DUMMER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).			

Parameter Inventory for Station: CANY0232

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/11/84-09/12/89	11	19.1	19.573	31.9	10.	39.788	6.308	10.62	16.1	20.7	31.32
00094 SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	09/11/84-09/12/89	10	3990.	4561.5	7430.	2700.	1909600.278	1381.883	2810.	3860.	5248.75	7322.5
00300 OXYGEN, DISSOLVED MG/L	09/11/84-09/12/89	11	7.1	7.318	11.9	3.7	8.634	2.938	3.8	4.5	9.4	11.88
00400 PH (STANDARD UNITS)	09/11/84-09/12/89	11	7.2	7.2	8.1	6.5	0.23	0.48	6.52	6.8	7.5	8.02
00400 CONVERTED PH (STANDARD UNITS)	09/11/84-09/12/89	11	7.2	6.991	8.1	6.5	0.278	0.527	6.52	6.8	7.5	8.02
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/11/84-09/12/89	11	0.063	0.102	0.316	0.008	0.01	0.1	0.01	0.032	0.158	0.303
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	09/11/84-09/12/89	11	291.	301.273	393.	240.	2365.018	48.631	243.4	260.	340.	386.4
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	09/11/84-09/12/89	11 ##	0.05	0.062	0.18	0.05	0.002	0.039	0.05	0.05	0.05	0.154
00655 PHOSPHATE, POLY (MG/L AS PO4)	09/11/84-09/12/89	11	1.5	2.273	11.	0.5	8.644	2.94	0.56	1.1	1.75	9.3
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	09/11/84-09/12/89	11	564.	638.909	941.	480.	19429.691	139.39	489.4	540.	735.	910.2
00940 CHLORIDE, TOTAL IN WATER MG/L	09/07/87-09/12/89	5	1697.	2151.4	3818.	1545.	900284.3	948.833	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	09/11/84-09/12/89	11	110.	169.364	316.	90.	9954.855	99.774	90.	90.	300.	315.2
01042 COPPER, TOTAL (UG/L AS CU)	09/11/84-09/12/89	11	190.	331.818	1800.	50.	257956.364	507.894	50.	50.	300.	1540.
01045 IRON, TOTAL (UG/L AS FE)	09/11/84-09/12/89	11 ##	50.	100.	350.	50.	12500.	111.803	50.	50.	50.	340.
01055 MANGANESE, TOTAL (UG/L AS MN)	09/11/84-09/12/89	11	200.	770.909	4000.	50.	1527509.091	1235.924	50.	50.	1000.	3620.
31501 COLIFORM, TOT, MEMBRANE FILTER, IMMED. M-ENDO MED, 35C	08/17/85-09/12/89	8 ##	0.	18.75	100.	0.	1383.929	37.201	**	**	**	**
31501 LOG COLIFORM, TOT, MEMBRANE FILTER, IMMED. M-ENDO MED,	08/17/85-09/12/89	8 ##	0.	0.462	2.	0.	0.739	0.86	**	**	**	**
31501 GM COLIFORM, TOT, MEMBRANE FILTER, IMMED. M-ENDO MED, 3	GEOMETRIC MEAN =			2.9								
31616 FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	09/13/86-09/12/89	7 ##	0.	0.	0.	0.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: CANY0232

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616 LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	09/13/86-09/12/89	7 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
31616 GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			1.								

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

EPA Water Quality Criteria Analysis for Station: CANY0232

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	11	1	0.09	6	1	0.17	4	0	0.00	1	0	0.00			
00400 PH	Fresh Chronic	9.	11	0	0.00	6	0	0.00	4	0	0.00	1	0	0.00			
	Other-Lo Lim.	6.5	11	1	0.09	6	0	0.00	4	1	0.25	1	0	0.00			
00620 NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	11	0	0.00	6	0	0.00	4	0	0.00	1	0	0.00			
00940 CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	5	5	1.00	3	3	1.00	2	2	1.00						
	Drinking Water	250.	5	5	1.00	3	3	1.00	2	2	1.00						
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	250.	11	3	0.27	6	2	0.33	4	1	0.25	1	0	0.00			
01042 COPPER, TOTAL	Fresh Acute	18.	7 &	7	1.00	4	4	1.00	2	2	1.00	1	1	1.00			
	Drinking Water	1300.	11	1	0.09	6	1	0.17	4	0	0.00	1	0	0.00			
31501 COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	8	0	0.00	5	0	0.00	2	0	0.00	1	0	0.00			
31616 FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	7	0	0.00	4	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: CANY0233

NPS Station ID: CANY0233

Location: WHITE RIM SPG #1 IN LATHROP CANYON: WR-1

Station Type: /TYPA/AMBNT/SPRING

RMI-Indexes:

RMI-Miles:

HUC: 14030005

Major Basin:

Minor Basin:

RF1 Index:

RF3 Index: 14030005019900.00

Description:

WATER QUALITY STATION IS LOCATED IN CANYONLANDS NP. THIS PARK IS

LAT/LON: 38.387167/-109.786333

Depth of Water: 0

Elevation: 0

RF1 Mile Point: 0.000

RF3 Mile Point: 0.07

MANAGED BY THE NATIONAL PARK SERVICE'S SOUTHEAST UTAH GROUP. WATER

Agency: 21UTAH

FIPS State/County: 49037 UTAH/SAN JUAN

STORET Station ID(s): 599563

Within Park Boundary: Yes

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 9.40

Distance from RF3: 0.02

On/Off RF1:

On/Off RF3:

435-259-3911); ANALYZED BY THE UTAH DEPARTMENT OF HEALTH LABORATORY;

AND UPLOADED INTO STORET BY THE UTAH DEPARTMENT OF ENVIRONMENTAL

QUALITY - DIVISION OF WATER QUALITY. DATA COLLECTED AT THE SAME

LOCATION PRIOR TO 9/13/1989 CAN BE FOUND AT STATION CANY_NPS_599563.

Parameter Inventory for Station: CANY0233

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: CANY0234

NPS Station ID: CANY0234 Location: WHITE RIM #1 (SOGS SPRING) Station Type: /TYP/AMBNT/SPRING RMI-Indexes: RMI-Miles: HUC: 14030005 Major Basin: COLORADO RIVER Minor Basin: UPPER COLORADO RIVER RF1 Index: 14030005 RF3 Index: 14070004002901.17 Description: THE STATION IS LOCATED ON THE MUSSELMAN ARCH UT 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT SOGS SPRING INSIDE THE CANYONLANDS NATIONAL PARK. THE DATA ARE FROM THE REPORT "ARCHES AND CANYONLANDS NATIONAL PARK AQUATIC STUDY" BY J. CONNOR (NPS) AND W.G. KEPNER (BLM) (1983). THE PURPOSE OF THE STUDY WAS TO MONITOR THE IMPACTS BY VISITORS IN THE BACKCOUNTRY TO WATER SOURCES IN THE PARKS. THE STUDY WAS A JOINT EFFORT BETWEEN THE NATIONAL PARK SERVICE AND THE BUREAU OF LAND MANAGEMENT. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT CANYONLANDS NATIONAL PARK; 2282 WEST RESOURCE BLVD.; MOAB UT 84532 (TEL. 801-259-7164). DATA WERE PROCESSED AND UPLOADED TO STORET BY LISA DUMMER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DR. SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).	LAT/LON: 38.387281/-109.786115 Depth of Water: 0 Elevation: 4360 RF1 Mile Point: 0.000 RF3 Mile Point: 2.36	Agency: 11NPSWRD FIPS State/County: 49037 UTAH/SAN JUAN STORET Station ID(s): CANY_BLM_WTRM Within Park Boundary: Yes Aquifer: Water Body Id: ECO Region: Distance from RF1: 0.80 Distance from RF3: 0.11
		Date Created: 08/07/99 On/Off RF1: On/Off RF3:

Parameter Inventory for Station: CANY0234

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/29/83-08/29/83	1	21.7	21.7	21.7	21.7	0.	0.	**	**	**	**
00094 SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	08/29/83-08/29/83	1	492.	492.	492.	492.	0.	0.	**	**	**	**
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/29/83-08/29/83	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00406 PH, FIELD, STANDARD UNITS SU	08/29/83-08/29/83	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS	08/29/83-08/29/83	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/29/83-08/29/83	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	08/29/83-08/29/83	1	180.	180.	180.	180.	0.	0.	**	**	**	**
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	08/29/83-08/29/83	1	0.12	0.12	0.12	0.12	0.	0.	**	**	**	**
00660 PHOSPHATE, ORTHO (MG/L AS PO4)	08/29/83-08/29/83	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	08/29/83-08/29/83	1	270.	270.	270.	270.	0.	0.	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	08/29/83-08/29/83	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: CANY0234

Parameter	Std. Type	Std. Value	Total		Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
			Obs	Obs			Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	1	0	0.00	1	0	0.00									
00406 PH, FIELD	Fresh Chronic	9.	1	1	0	0.00	1	0	0.00									
	Other-Lo Lim.	6.5	1	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: CANY0234

Parameter	Std. Type	Std. Value	Total	Exceed	Prop.	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
			Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00620	NITRATE NITROGEN, TOTAL AS N	10.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	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: CANY0235

NPS Station ID: CANY0235
 Location: LATHROP SPRING
 Station Type: /TYPA/AMBNT/SPRING
 RMI-Indexes:
 RMI-Miles:
 HUC: 14030005
 Major Basin: COLORADO RIVER
 Minor Basin: UPPER COLORADO RIVER
 RF1 Index: 14030005
 RF3 Index: 14070004002901.17

LAT/LON: 38.387170/-109.786227

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 2.36

Agency: 11NPSWRD
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): CANY_WWRR1_LAT
 Within Park Boundary: Yes

Date Created: 08/02/99

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.80
 Distance from RF3: 0.11

On/Off RF1:
 On/Off RF3:

Description:
 THE STATION IS LOCATED ON THE MUSSELMAN ARCH UTAH 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT LATHROP SPRING INSIDE THE CANYONLANDS NATIONAL PARK. THE DATA ARE FROM THE REPORT "THE HYDROGEOLOGIC FEASIBILITY OF DEVELOPING GROUND-WATER SUPPLIES IN THE NORTHERN PART OF CANYONLANDS NATIONAL PARK AND BRIDGES NATIONAL MONUMENT, UTAH" BY P.W. HUNTOON (NOVEMBER 1977). THE REPORT WAS SUBMITTED TO THE NATIONAL PARK SERVICE FOR CONTRACT CX-1200-7-B020. FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT CANYONLANDS NATIONAL PARK; 2282 S. WEST RESOURCE BLVD.; MOAB UT 84532 (TEL. 801-259-7164). DATA WERE PROCESSED AND UPLOADED TO STORET BY LISA DUMMER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: CANY0235

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011 TEMPERATURE, WATER (DEGREES FAHRENHEIT)	08/21/77-08/21/77	1	75.	75.	75.	75.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/21/77-08/21/77	1	3970.	3970.	3970.	3970.	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	08/21/77-08/21/77	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	08/21/77-08/21/77	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/21/77-08/21/77	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
00440 BICARBONATE ION (MG/L AS HCO3)	08/21/77-08/21/77	1	380.	380.	380.	380.	0.	0.	**	**	**	**
00618 NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/21/77-08/21/77	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	08/21/77-08/21/77	1	470.	470.	470.	470.	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	08/21/77-08/21/77	1	70.	70.	70.	70.	0.	0.	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	08/21/77-08/21/77	1	72.5	72.5	72.5	72.5	0.	0.	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	08/21/77-08/21/77	1	760.	760.	760.	760.	0.	0.	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	08/21/77-08/21/77	1	25.	25.	25.	25.	0.	0.	**	**	**	**
00940 CHLORIDE, TOTAL IN WATER MG/L	08/21/77-08/21/77	1	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	08/21/77-08/21/77	1	300.	300.	300.	300.	0.	0.	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	08/21/77-08/21/77	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SiO2)	08/21/77-08/21/77	1	25.	25.	25.	25.	0.	0.	**	**	**	**
01020 BORON, DISSOLVED (UG/L AS B)	08/21/77-08/21/77	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
70300 RESIDUE, TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/21/77-08/21/77	1	2410.	2410.	2410.	2410.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0235

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
							Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	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									
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	1	1	1.00	1	1	1.00									
		Drinking Water	250.	1	1	1.00	1	1	1.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	1	1.00	1	1	1.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	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

Station Inventory for Station: CANY0236

NPS Station ID: CANY0236
 Location: HATCH WASH CK AT MOUTH
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 14030005
 Major Basin:
 Minor Basin:
 RF1 Index:
 RF3 Index: 14030005012500.00
 Description:

LAT/LON: 38.390000/-109.534167

Depth of Water: 0
 Elevation: 0

RF1 Mile Point: 0.000
 RF3 Mile Point: 0.00

Agency: 21UTAH
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): 495604
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.23

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: CANY0236

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/27/78-04/29/81	3	18.	18.667	22.	16.	9.333	3.055	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/27/78-04/29/81	3	0.5	1.4	3.5	0.2	3.33	1.825	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/27/78-04/29/81	3	22.	38.333	74.	19.	956.333	30.925	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/27/78-04/29/80	2	1450.	1450.	1850.	1050.	320000.	565.685	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/27/78-04/29/81	3	1080.	1031.667	1850.	165.	711558.333	843.539	**	**	**
00300	OXYGEN, DISSOLVED MG/L	03/27/78-04/29/81	3	7.	7.2	8.4	6.2	1.24	1.114	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	04/29/80-04/29/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
00335	COD, .025N K2CR2O7 MG/L	04/29/80-04/29/81	2 ##	16.25	16.25	25.	7.5	153.125	12.374	**	**	**
00400	PH (STANDARD UNITS)	03/27/78-03/27/78	1	8.7	8.7	8.7	8.7	0.	0.	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	03/27/78-03/27/78	1	8.7	8.7	8.7	8.7	0.	0.	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/27/78-03/27/78	1	0.002	0.002	0.002	0.002	0.	0.	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	03/27/78-04/29/81	4	2.	1.75	2.	1.	0.25	0.5	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	04/29/80-04/29/81	2	8.4	8.4	8.5	8.3	0.02	0.141	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	04/29/80-04/29/81	2	8.389	8.389	8.5	8.3	0.02	0.142	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/29/80-04/29/81	2	0.004	0.004	0.005	0.003	0.	0.001	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/27/78-04/29/81	3	223.	231.667	403.	69.	27945.333	167.169	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	03/27/78-04/29/81	3	260.	270.667	468.	84.	36949.333	192.222	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	03/27/78-04/29/80	2	9.	9.	12.	6.	18.	4.243	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/27/78-04/29/80	2	84.5	84.5	154.	15.	9660.5	98.288	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/29/80-04/29/81	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/27/78-04/29/81	3 ##	0.025	0.023	0.025	0.02	0.	0.003	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/27/78-04/29/81	3	0.05	0.242	0.65	0.025	0.125	0.354	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/29/80-04/29/81	2	0.35	0.35	0.4	0.3	0.005	0.071	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/29/80-04/29/81	2	0.375	0.375	0.65	0.1	0.151	0.389	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/29/80-04/29/81	2 ##	0.043	0.043	0.06	0.025	0.001	0.025	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	04/29/80-04/29/81	2	4.3	4.3	4.7	3.9	0.32	0.566	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/27/78-04/29/81	3	380.	296.667	428.	82.	35137.333	187.45	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/27/78-04/29/81	3	40.	54.333	98.	25.	1486.333	38.553	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/27/78-04/29/81	3	45.	39.333	68.	5.	1016.333	31.88	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/27/78-04/29/81	3	81.	68.667	123.	2.	3774.333	61.436	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/27/78-04/29/81	3	5.	3.833	6.	0.5	8.583	2.93	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/27/78-04/29/81	3	60.	48.667	85.	1.	1860.333	43.132	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/27/78-04/29/81	3	118.	132.333	269.	10.	16924.333	130.094	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/27/78-04/29/81	3	0.35	0.383	0.66	0.14	0.068	0.262	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/27/78-04/29/81	3	9.	9.667	12.	8.	4.333	2.082	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	03/27/78-04/29/81	3	135.	145.	190.	110.	1675.	40.927	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	04/29/81-04/29/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	04/29/81-04/29/81	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**

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

Parameter Inventory for Station: CANY0236

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	03/27/78-04/29/81	3 ##	2.5	3.333	5.	2.5	2.083	1.443	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	04/29/81-04/29/81	1	15.	15.	15.	15.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	03/27/78-03/27/78	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	04/29/81-04/29/81	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/29/81-04/29/81	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	*
01065	NICKEL, DISSOLVED (UG/L AS NI)	04/29/81-04/29/81	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	04/29/81-04/29/81	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	04/29/81-04/29/81	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	03/27/78-04/29/80	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	04/29/80-04/29/81	2	1415.	1415.	2400.	430.	1940450.	1393.	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	04/29/80-04/29/81	2	3.007	3.007	3.38	2.633	0.279	0.528	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	04/29/80-04/29/81	2		1015.874								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	04/29/80-04/29/81	2	70.	70.	70.	70.	0.	0.	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	04/29/80-04/29/81	2	1.845	1.845	1.845	1.845	0.	0.	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	04/29/80-04/29/81	2		70.								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/27/78-04/29/81	3	658.	493.333	716.	106.	113361.333	336.692	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/27/78-04/29/81	3	0.02	0.027	0.04	0.02	0.	0.012	**	**	**	**
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/27/78-04/29/80	2	4.5	4.5	6.	3.	4.5	2.121	**	**	**	**
82703	BARIIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	03/27/78-04/29/80	2 ##	0.113	0.113	0.2	0.025	0.015	0.124	**	**	**	**
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/27/78-04/29/80	2 ##	2.25	2.25	4.	0.5	6.125	2.475	**	**	**	**
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/27/78-04/29/80	2	7.5	7.5	10.	5.	12.5	3.536	**	**	**	**
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/27/78-04/29/80	2 ##	57.5	57.5	110.	5.	5512.5	74.246	**	**	**	**
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	03/27/78-04/29/80	2	0.575	0.575	0.75	0.4	0.061	0.247	**	**	**	**
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/27/78-04/29/80	2 ##	12.5	12.5	20.	5.	112.5	10.607	**	**	**	**
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/27/78-04/29/80	2	87.5	87.5	105.	70.	612.5	24.749	**	**	**	**
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/27/78-04/29/81	3 ##	0.05	0.133	0.3	0.05	0.021	0.144	**	**	**	**
82715	NICKEL, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/27/78-04/29/80	2	38.5	38.5	52.	25.	364.5	19.092	**	**	**	**
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/27/78-04/29/80	2 ##	3.	3.	5.	1.	8.	2.828	**	**	**	**
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/27/78-04/29/80	2	25.	25.	40.	10.	450.	21.213	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0236

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	3	0.33				1	0	0.00	2	1	0.50			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	3	0.00				1	0	0.00	2	0	0.00			
00400	PH	Fresh Chronic	9.	1	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0.00				1	0	0.00						
00406	PH, FIELD	Fresh Chronic	9.	2	0.00							2	0	0.00			
		Other-Lo Lim.	6.5	2	0.00							2	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	3	0.00				1	0	0.00	2	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	3	0.00				1	0	0.00	2	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0.00							2	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	3	0.00				1	0	0.00	2	0	0.00			
		Drinking Water	250.	3	0.00				1	0	0.00	2	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	3	0.33				1	0	0.00	2	1	0.50			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	3	0.00				1	0	0.00	2	0	0.00			
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0.00							1	0	0.00			
		Drinking Water	5.	1	0.00							1	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0.00							1	0	0.00			
01032	CHROMIUM, HEXAVALENT	Fresh Acute	16.	3	0.00				1	0	0.00	2	0	0.00			
		Drinking Water	100.	3	0.00				1	0	0.00	2	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0.00							1	0	0.00			
		Drinking Water	1300.	1	0.00							1	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0.00							1	0	0.00			
		Drinking Water	15.	1	0.00							1	0	0.00			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0.00							1	0	0.00			
		Drinking Water	100.	1	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: CANY0236

Parameter	Std. Type	Std. Value	Total			7/15-10/14			10/15-3/31			4/01-5/31			6/01-7/14		
			Obs	Exceed Standard	Prop. Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
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			
01167 SELENIUM, ACID SOLUBLE, WATER, WHOLE	Fresh Acute	20.	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	50.	2	0	0.00				1	0	0.00	1	0	0.00			
31506 COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	2	1	0.50							2	1	0.50			
31614 FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	2	0	0.00							2	0	0.00			
82702 ARSENIC, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	360.	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	50.	2	0	0.00				1	0	0.00	1	0	0.00			
82703 BARIUM, FIELD ACIDIFIED, DECANTED, WATER	Drinking Water	2.	2	0	0.00				1	0	0.00	1	0	0.00			
82705 CADMIUM, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	3.9	2	1	0.50				1	1	1.00	1	0	0.00			
	Drinking Water	5.	2	0	0.00				1	0	0.00	1	0	0.00			
82706 CHROMIUM, FIELD ACIDIFIED, DECANTED, WAT	Drinking Water	100.	2	0	0.00				1	0	0.00	1	0	0.00			
82708 COPPER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	18.	2	1	0.50				1	1	1.00	1	0	0.00			
	Drinking Water	1300.	2	0	0.00				1	0	0.00	1	0	0.00			
82711 LEAD, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	82.	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	15.	2	1	0.50				1	1	1.00	1	0	0.00			
82713 MERCURY, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	2.4	3	0	0.00				1	0	0.00	2	0	0.00			
	Drinking Water	2.	3	0	0.00				1	0	0.00	2	0	0.00			
82715 NICKEL, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	1400.	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	100.	2	0	0.00				1	0	0.00	1	0	0.00			
82716 SILVER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	4.1	2	1	0.50				1	1	1.00	1	0	0.00			
	Drinking Water	100.	2	0	0.00				1	0	0.00	1	0	0.00			
82719 ZINC, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	120.	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	5000.	2	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: CANY0237

NPS Station ID: CANY0237
 Location: KANE SPRINGS CK AT MOUTH ABOVE HATCH WASH
 Station Type: /TYP/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 14030005
 Major Basin:
 Minor Basin:
 RF1 Index:
 RF3 Index: 14030005000908.74
 Description:

LAT/LON: 38.390833/-109.533000

Depth of Water: 0
 Elevation: 0

RF1 Mile Point: 0.000
 RF3 Mile Point: 10.20

Agency: 21UTAH
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): 495601
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.02

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: CANY0237

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/27/78-04/29/81	3	18.	18.667	21.	17.	4.333	2.082	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	03/27/78-04/29/81	3	1.5	2.067	4.	0.7	2.963	1.721	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	03/27/78-04/29/81	3	12.	11.2	21.	0.6	104.52	10.224	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/27/78-04/29/81	3	825.	1005.	1400.	790.	117325.	342.527	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/27/78-04/29/81	3	850.	1028.333	1400.	835.	103658.333	321.96	**	**	**
00300	OXYGEN, DISSOLVED MG/L	03/27/78-04/29/81	3	7.8	7.367	8.5	5.8	1.963	1.401	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	04/29/80-04/29/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
00335	COD, .025N K2CR2O7 MG/L	04/29/80-04/29/81	2 ##	16.25	16.25	25.	7.5	153.125	12.374	**	**	**
00400	PH (STANDARD UNITS)	03/27/78-03/27/78	1	8.6	8.6	8.6	8.6	0.	0.	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	03/27/78-03/27/78	1	8.6	8.6	8.6	8.6	0.	0.	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/27/78-03/27/78	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	03/27/78-04/29/81	4	2.	2.	2.	2.	0.	0.	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	04/29/80-04/29/81	2	8.5	8.5	8.6	8.4	0.02	0.141	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	04/29/80-04/29/81	2	8.489	8.489	8.6	8.4	0.02	0.142	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/29/80-04/29/81	2	0.003	0.003	0.004	0.003	0.	0.001	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/27/78-04/29/81	3	195.	198.667	207.	194.	52.333	7.234	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	03/27/78-04/29/81	3	238.	240.667	252.	232.	105.333	10.263	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	04/29/80-04/29/80	1	2.	2.	2.	2.	0.	0.	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/27/78-04/29/80	2	9.5	9.5	14.	5.	40.5	6.364	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/29/80-04/29/81	2 ##	0.075	0.075	0.1	0.05	0.001	0.035	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/27/78-04/29/81	3 ##	0.025	0.023	0.025	0.02	0.	0.003	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/27/78-04/29/81	3	0.05	0.083	0.15	0.05	0.003	0.058	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/29/80-04/29/81	2	0.3	0.3	0.3	0.3	0.	0.	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/29/80-04/29/81	2	0.125	0.125	0.15	0.1	0.001	0.035	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/29/80-04/29/81	2	0.045	0.045	0.06	0.03	0.	0.021	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	04/29/80-04/29/81	2	2.25	2.25	2.8	1.7	0.605	0.778	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	03/27/78-04/29/81	3	340.	334.667	344.	320.	165.333	12.858	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	03/27/78-04/29/81	3	61.	62.333	70.	56.	50.333	7.095	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	03/27/78-04/29/81	3	41.	43.667	49.	41.	21.333	4.619	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	03/27/78-04/29/81	3	59.	61.667	70.	56.	54.333	7.371	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/27/78-04/29/81	3	4.	4.667	6.	4.	1.333	1.155	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/27/78-04/29/81	3	50.	50.333	54.	47.	12.333	3.512	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/27/78-04/29/81	3	173.	176.	186.	169.	79.	8.888	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/27/78-04/29/81	3	0.31	0.37	0.49	0.31	0.011	0.104	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/27/78-04/29/81	3	11.	11.333	12.	11.	0.333	0.577	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	03/27/78-04/29/81	3	95.	110.	150.	85.	1225.	35.	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	04/29/81-04/29/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	04/29/81-04/29/81	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**

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

Parameter Inventory for Station: CANY0237

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	03/27/78-04/29/81	3 ##	2.5	3.333	5.	2.5	2.083	1.443	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	04/29/81-04/29/81	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	03/27/78-03/27/78	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	04/29/81-04/29/81	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/29/81-04/29/81	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	04/29/81-04/29/81	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	04/29/81-04/29/81	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	04/29/81-04/29/81	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	03/27/78-04/29/80	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	04/29/80-04/29/81	2	1215.	1215.	1500.	930.	162450.	403.051	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	04/29/80-04/29/81	2	3.072	3.072	3.176	2.968	0.022	0.147	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			1181.101								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	04/29/80-04/29/81	2	95.	95.	150.	40.	6050.	77.782	**	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	04/29/80-04/29/81	2	1.889	1.889	2.176	1.602	0.165	0.406	**	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			77.46								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/27/78-04/29/81	3	520.	528.667	548.	518.	281.333	16.773	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	03/27/78-04/29/81	3 ##	0.01	0.013	0.02	0.01	0.	0.006	**	**	**	**
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/27/78-04/29/80	2	1.	1.	1.	1.	0.	0.	**	**	**	**
82703	BARIIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	03/27/78-04/29/80	2 ##	0.113	0.113	0.2	0.025	0.015	0.124	**	**	**	**
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/27/78-04/29/80	2 ##	2.25	2.25	4.	0.5	6.125	2.475	**	**	**	**
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/27/78-04/29/80	2 ##	6.25	6.25	10.	2.5	28.125	5.303	**	**	**	**
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/27/78-04/29/80	2 ##	7.5	7.5	10.	5.	12.5	3.536	**	**	**	**
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	03/27/78-04/29/80	2	0.145	0.145	0.24	0.05	0.018	0.134	**	**	**	**
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/27/78-04/29/80	2 ##	12.5	12.5	20.	5.	112.5	10.607	**	**	**	**
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/27/78-04/29/80	2	35.5	35.5	46.	25.	220.5	14.849	**	**	**	**
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/27/78-04/29/81	3	0.1	0.083	0.1	0.05	0.001	0.029	**	**	**	**
82715	NICKEL, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/27/78-04/29/80	2	27.5	27.5	30.	25.	12.5	3.536	**	**	**	**
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/27/78-04/29/80	2 ##	3.	3.	5.	1.	8.	2.828	**	**	**	**
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/27/78-04/29/80	2	20.	20.	25.	15.	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

EPA Water Quality Criteria Analysis for Station: CANY0237

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	3	0	0.00			1	0	0.00	2	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	3	0	0.00			1	0	0.00	2	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						
00406	PH, FIELD	Fresh Chronic	9.	2	0	0.00						2	0	0.00			
		Other-Lo Lim.	6.5	2	0	0.00						2	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	3	0	0.00			1	0	0.00	2	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	3	0	0.00			1	0	0.00	2	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00						2	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	3	0	0.00			1	0	0.00	2	0	0.00			
		Drinking Water	250.	3	0	0.00			1	0	0.00	2	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	3	0	0.00			1	0	0.00	2	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	3	0	0.00			1	0	0.00	2	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			
01032	CHROMIUM, HEXAVALENT	Fresh Acute	16.	3	0	0.00			1	0	0.00	2	0	0.00			
		Drinking Water	100.	3	0	0.00			1	0	0.00	2	0	0.00			
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			

& - 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: CANY0237

Parameter	Std. Type	Std. Value	Total			7/15-10/14-----			10/15-3/31-----			4/01-5/31-----			6/01-7/14-----		
			Obs	Exceed Standard	Prop. Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
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			
01167 SELENIUM, ACID SOLUBLE, WATER, WHOLE	Fresh Acute	20.	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	50.	2	0	0.00				1	0	0.00	1	0	0.00			
31506 COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	2	1	0.50							2	1	0.50			
31614 FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	2	0	0.00							2	0	0.00			
82702 ARSENIC, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	360.	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	50.	2	0	0.00				1	0	0.00	1	0	0.00			
82703 BARIUM, FIELD ACIDIFIED, DECANTED, WATER	Drinking Water	2.	2	0	0.00				1	0	0.00	1	0	0.00			
82705 CADMIUM, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	3.9	2	1	0.50				1	1	1.00	1	0	0.00			
	Drinking Water	5.	2	0	0.00				1	0	0.00	1	0	0.00			
82706 CHROMIUM, FIELD ACIDIFIED, DECANTED, WAT	Drinking Water	100.	2	0	0.00				1	0	0.00	1	0	0.00			
82708 COPPER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	18.	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	1300.	2	0	0.00				1	0	0.00	1	0	0.00			
82711 LEAD, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	82.	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	15.	2	1	0.50				1	1	1.00	1	0	0.00			
82713 MERCURY, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	2.4	3	0	0.00				1	0	0.00	2	0	0.00			
	Drinking Water	2.	3	0	0.00				1	0	0.00	2	0	0.00			
82715 NICKEL, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	1400.	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	100.	2	0	0.00				1	0	0.00	1	0	0.00			
82716 SILVER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	4.1	2	1	0.50				1	1	1.00	1	0	0.00			
	Drinking Water	100.	2	0	0.00				1	0	0.00	1	0	0.00			
82719 ZINC, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	120.	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	5000.	2	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: CANY0238

NPS Station ID: CANY0238
 Location: LATHRUP CANYON NO.4 SOG SPRINGS NR. MOAB, UTAH
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 14030005
 Major Basin:
 Minor Basin:
 RF1 Index: 14030005
 RF3 Index: 14030005033400.00
 Description:

LAT/LON: 38.391115/-109.784448

Depth of Water: 0
 Elevation: 0

RF1 Mile Point: 0.000
 RF3 Mile Point: 1.23

Agency: 112WRD
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): 382328109470401
 Within Park Boundary: Yes

Date Created: 01/07/89

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.67

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: CANY0238

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/14/88-03/02/89	5	21.	17.6	33.5	1.5	160.3	12.661	**	**	**	**
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/02/89-03/02/89	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/14/88-03/02/89	5	4080.	4194.	4550.	3940.	71080.	266.608	**	**	**	**
00400 PH (STANDARD UNITS)	04/14/88-03/02/89	5	8.3	8.24	8.5	8.	0.038	0.195	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	04/14/88-03/02/89	5	8.3	8.206	8.5	8.	0.039	0.199	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/14/88-03/02/89	5	0.005	0.006	0.01	0.003	0.	0.003	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	04/14/88-03/02/89	5	8.	8.04	8.2	7.9	0.013	0.114	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	04/14/88-03/02/89	5	8.	8.028	8.2	7.9	0.013	0.115	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/14/88-03/02/89	5	0.01	0.009	0.013	0.006	0.	0.002	**	**	**	**
00631 NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/14/88-03/02/89	5	0.4	0.48	0.9	0.2	0.067	0.259	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS CA)	04/14/88-03/02/89	5	87.	84.6	93.	71.	66.8	8.173	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	04/14/88-03/02/89	5	77.	81.2	89.	76.	39.2	6.261	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS NA)	04/14/88-03/02/89	5	660.	676.	750.	620.	3730.	61.074	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	04/14/88-03/02/89	5	24.	22.4	26.	16.	16.3	4.037	**	**	**	**
00940 CHLORIDE, TOTAL IN WATER MG/L	04/14/88-03/02/89	5	990.	2164.	7100.	820.	7619030.	2760.259	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	04/14/88-03/02/89	5	510.	504.	550.	460.	1080.	32.863	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	04/14/88-03/02/89	5	0.5	0.5	0.6	0.4	0.005	0.071	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SI02)	04/14/88-03/02/89	5	12.	12.4	15.	10.	3.3	1.817	**	**	**	**
01005 BARIUM, DISSOLVED (UG/L AS BA)	04/14/88-03/02/89	5	53.	51.6	96.	5.	1044.3	32.316	**	**	**	**
01010 BERYLLIUM, DISSOLVED (UG/L AS BE)	04/14/88-03/02/89	5 ##	0.75	0.55	0.75	0.25	0.075	0.274	**	**	**	**
01025 CADMIUM, DISSOLVED (UG/L AS CD)	04/14/88-03/02/89	5 ##	1.5	2.1	4.	1.5	1.175	1.084	**	**	**	**
01030 CHROMIUM, DISSOLVED (UG/L AS CR)	04/14/88-03/02/89	5 ##	7.5	5.5	7.5	2.5	7.5	2.739	**	**	**	**
01035 COBALT, DISSOLVED (UG/L AS CO)	04/14/88-03/02/89	5 ##	1.5	2.7	4.5	1.5	2.7	1.643	**	**	**	**
01040 COPPER, DISSOLVED (UG/L AS CU)	04/14/88-03/02/89	5 ##	15.	12.	15.	5.	20.	4.472	**	**	**	**
01046 IRON, DISSOLVED (UG/L AS FE)	04/14/88-03/02/89	5	13.	10.9	18.	1.5	43.8	6.618	**	**	**	**
01049 LEAD, DISSOLVED (UG/L AS PB)	04/14/88-03/02/89	5 ##	15.	14.	20.	5.	30.	5.477	**	**	**	**
01056 MANGANESE, DISSOLVED (UG/L AS MN)	04/14/88-03/02/89	5	3.	3.	6.	1.5	3.375	1.837	**	**	**	**
01060 MOLYBDENUM, DISSOLVED (UG/L AS MO)	04/14/88-03/02/89	5 ##	15.	17.	30.	10.	57.5	7.583	**	**	**	**
01065 NICKEL, DISSOLVED (UG/L AS NI)	04/14/88-03/02/89	5 ##	10.	13.	30.	5.	107.5	10.368	**	**	**	**
01075 SILVER, DISSOLVED (UG/L AS AG)	04/14/88-03/02/89	5 ##	1.5	4.3	15.	0.5	36.575	6.048	**	**	**	**
01080 STRONTIUM, DISSOLVED (UG/L AS SR)	04/14/88-03/02/89	5	4700.	4680.	5100.	4300.	92000.	303.315	**	**	**	**
01085 VANADIUM, DISSOLVED (UG/L AS V)	04/14/88-03/02/89	5 ##	9.	12.	21.	9.	27.	5.196	**	**	**	**
01090 ZINC, DISSOLVED (UG/L AS ZN)	04/14/88-03/02/89	5	19.	24.3	66.	4.5	578.7	24.056	**	**	**	**
01130 LITHIUM, DISSOLVED (UG/L AS LI)	04/14/88-03/02/89	5	360.	388.	430.	360.	1470.	38.341	**	**	**	**
03515 BETA, DISSOLVED GROSS, AS CS-137, PC/L	04/14/88-03/02/89	5	68.	69.	84.	61.	81.5	9.028	**	**	**	**
09511 RADIUM 226, DISSOLVED, RADON METHOD	04/14/88-03/02/89	5	0.42	0.452	0.93	0.19	0.081	0.285	**	**	**	**
22603 URANIUM 238, DISSOLVED, PC/L	08/17/88-03/02/89	4	15.	14.5	17.	11.	7.	2.646	**	**	**	**
22610 URANIUM 234, DISSOLVED, PC/L	08/17/88-03/02/89	4	20.	20.25	23.	18.	4.917	2.217	**	**	**	**

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

Parameter Inventory for Station: CANY0238

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
22620	URANIUM 235, DISSOLVED, PC/L	03/02/89-03/02/89	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**
75986	ALPHA GROSS,1 SIGMA PRC EST AS NAT U,DISS,WTR UG/L	03/02/89-03/02/89	1	5.5	5.5	5.5	5.5	0.	0.	**	**	**
75987	ALPHA GROSS,DISS,1 SIGMA PRC EST AS TH230,WTR PC/L	03/02/89-03/02/89	1	30.	30.	30.	30.	0.	0.	**	**	**
75988	BETA GROSS,DISS,1 SIGMA PRC EST AS SR90/Y90 PC/L	03/02/89-03/02/89	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**
75989	BETA GROSS,1 SIGMA PRC EST AS CS-137,DISS,WTR PC/L	03/02/89-03/02/89	1	11.	11.	11.	11.	0.	0.	**	**	**
75991	URANIUM 238,1 SIGMA PRC EST,DISSOLVED,WATER PC/L	03/02/89-03/02/89	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**
75992	URANIUM 234,1 SIGMA PRC EST,DISSOLVED,WATER PC/L	03/02/89-03/02/89	1	1.9	1.9	1.9	1.9	0.	0.	**	**	**
75994	URANIUM 235,1 SIGMA PRC EST,DISSOLVED,WATER PC/L	03/02/89-03/02/89	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**
76001	RADIUM 226,1 SIGMA PRC EST,DISSOLVED,WATER PC/L	03/02/89-03/02/89	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**
80030	ALPHA,DISSOLVED GROSS,AS URANIUM-NATURAL,UG/L	04/14/88-03/02/89	5	42.	47.4	59.	37.	106.3	10.31	**	**	**
80050	BETA,DISSOLVED GROSS,AS SR-Y-90, PC/L	04/14/88-03/02/89	5	44.	45.8	55.	42.	29.2	5.404	**	**	**
81366	RADIUM-228,DISSOLVED (PC/L AS RA-228)	04/14/88-03/02/89	5	1.3	1.4	2.3	0.5	0.44	0.663	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0238

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Fresh Chronic	9.	5	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00		
		Other-Lo Lim.	6.5	5	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00		
00403	PH, LAB	Fresh Chronic	9.	5	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00		
		Other-Lo Lim.	6.5	5	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00		
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	5	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00		
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	5	4	0.80	2	2	1.00	2	1	0.50	1	1	1.00		
		Drinking Water	250.	5	5	1.00	2	2	1.00	2	2	1.00	1	1	1.00		
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	5	5	1.00	2	2	1.00	2	2	1.00	1	1	1.00		
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	5	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00		
01005	BARIUM, DISSOLVED	Drinking Water	2000.	5	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00		
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	5	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00		
		Drinking Water	4.	5	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00		
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	5	1	0.20	2	1	0.50	2	0	0.00	1	0	0.00		
		Drinking Water	5.	5	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00		
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	5	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00		
01040	COPPER, DISSOLVED	Fresh Acute	18.	5	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00		
		Drinking Water	1300.	5	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00		
01049	LEAD, DISSOLVED	Fresh Acute	82.	5	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00		
		Drinking Water	15.	2 &	1	0.50	2	1	0.50								
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	5	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00		
		Drinking Water	100.	5	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00		
01075	SILVER, DISSOLVED	Fresh Acute	4.1	4 &	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00		
		Drinking Water	100.	5	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00		
01090	ZINC, DISSOLVED	Fresh Acute	120.	5	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00		
		Drinking Water	5000.	5	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00		

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

Station Inventory for Station: CANY0239

NPS Station ID: CANY0239
 Location: (D-28-18) 1ABC-S1
 Station Type: /TYPA/AMBNT/SPRING
 RMI-Indexes:
 RMI-Miles:
 HUC: 14060008
 Major Basin:
 Minor Basin:
 RF1 Index: 14060008
 RF3 Index: 14030005058404.17
 Description:

LAT/LON: 38.399170/-109.888615

Depth of Water: 0
 Elevation: 0

RF1 Mile Point: 0.000
 RF3 Mile Point: 7.82

Agency: 112WRD
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): 382357109531901
 Within Park Boundary: Yes

Date Created: 02/28/78

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 27.20
 Distance from RF3: 0.00

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: CANY0239

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/13/69-11/13/69	1	14.5	14.5	14.5	14.5	0.	0.	**	**	**
00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	11/13/69-11/13/69	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/13/69-11/13/69	1	812.	812.	812.	812.	0.	0.	**	**	**
00400	PH (STANDARD UNITS)	11/13/69-11/13/69	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	11/13/69-11/13/69	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/13/69-11/13/69	1	0.013	0.013	0.013	0.013	0.	0.	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	11/13/69-11/13/69	1	367.	367.	367.	367.	0.	0.	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	11/13/69-11/13/69	1	447.	447.	447.	447.	0.	0.	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	11/13/69-11/13/69	1	0.	0.	0.	0.	0.	0.	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	11/13/69-11/13/69	1	400.	400.	400.	400.	0.	0.	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	11/13/69-11/13/69	1	33.	33.	33.	33.	0.	0.	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	11/13/69-11/13/69	1	80.	80.	80.	80.	0.	0.	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/13/69-11/13/69	1	49.	49.	49.	49.	0.	0.	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS Na)	11/13/69-11/13/69	1	13.	13.	13.	13.	0.	0.	**	**	**
00931	SODIUM ADSORPTION RATIO	11/13/69-11/13/69	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/13/69-11/13/69	1	3.4	3.4	3.4	3.4	0.	0.	**	**	**
00940	CHLORIDE, TOTAL IN WATER MG/L	11/13/69-11/13/69	1	20.	20.	20.	20.	0.	0.	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	11/13/69-11/13/69	1	19.	19.	19.	19.	0.	0.	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/13/69-11/13/69	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SiO2)	11/13/69-11/13/69	1	12.	12.	12.	12.	0.	0.	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	11/13/69-11/13/69	1	20.	20.	20.	20.	0.	0.	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	11/13/69-11/13/69	1	200.	200.	200.	200.	0.	0.	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	11/13/69-11/13/69	1	10.	10.	10.	10.	0.	0.	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	11/13/69-11/13/69	1	50.	50.	50.	50.	0.	0.	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	11/13/69-11/13/69	1	0.	0.	0.	0.	0.	0.	**	**	**
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	11/13/69-11/13/69	1	500.	500.	500.	500.	0.	0.	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	11/13/69-11/13/69	1	417.	417.	417.	417.	0.	0.	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	11/13/69-11/13/69	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**
71885	IRON (UG/L AS FE)	11/13/69-11/13/69	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

EPA Water Quality Criteria Analysis for Station: CANY0239

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
							Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	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						
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						
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						
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00				1	0	0.00						
		Drinking Water	50.	1	0	0.00				1	0	0.00						
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00				1	0	0.00						

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

Station Inventory for Station: CANY0240

NPS Station ID: CANY0240
 Location: (D-27-18)32DCB-S1
 Station Type: /TYPA/AMBNT/SPRING
 RMI-Indexes:
 RMI-Miles:
 HUC: 14060008
 Major Basin:
 Minor Basin:
 RF1 Index: 14060008
 RF3 Index: 14030005014000.00
 Description:

LAT/LON: 38.404727/-109.963338

Depth of Water: 0
 Elevation: 0

RF1 Mile Point: 0.000
 RF3 Mile Point: 0.00

Agency: 112WRD
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): 382417109574801
 Within Park Boundary: Yes

Date Created: 11/07/81

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.04

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: CANY0240

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/04/70-03/04/70	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/04/70-03/04/70	1	1680.	1680.	1680.	1680.	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	03/04/70-03/04/70	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	03/04/70-03/04/70	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/04/70-03/04/70	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00405 CARBON DIOXIDE (MG/L AS CO2)	03/04/70-03/04/70	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	03/04/70-03/04/70	1	180.	180.	180.	180.	0.	0.	**	**	**	**
00440 BICARBONATE ION (MG/L AS HCO3)	03/04/70-03/04/70	1	219.	219.	219.	219.	0.	0.	**	**	**	**
00445 CARBONATE ION (MG/L AS CO3)	03/04/70-03/04/70	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	03/04/70-03/04/70	1	830.	830.	830.	830.	0.	0.	**	**	**	**
00902 HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	03/04/70-03/04/70	1	650.	650.	650.	650.	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	03/04/70-03/04/70	1	160.	160.	160.	160.	0.	0.	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS Mg)	03/04/70-03/04/70	1	105.	105.	105.	105.	0.	0.	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	03/04/70-03/04/70	1	94.	94.	94.	94.	0.	0.	**	**	**	**
00931 SODIUM ADSORPTION RATIO	03/04/70-03/04/70	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00932 SODIUM, PERCENT	03/04/70-03/04/70	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	03/04/70-03/04/70	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00940 CHLORIDE, TOTAL IN WATER MG/L	03/04/70-03/04/70	1	28.	28.	28.	28.	0.	0.	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	03/04/70-03/04/70	1	765.	765.	765.	765.	0.	0.	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	03/04/70-03/04/70	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SiO2)	03/04/70-03/04/70	1	9.4	9.4	9.4	9.4	0.	0.	**	**	**	**
01000 ARSENIC, DISSOLVED (UG/L AS AS)	03/04/70-03/04/70	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01020 BORON, DISSOLVED (UG/L AS B)	03/04/70-03/04/70	1	80.	80.	80.	80.	0.	0.	**	**	**	**
01040 COPPER, DISSOLVED (UG/L AS Cu)	03/04/70-03/04/70	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01046 IRON, DISSOLVED (UG/L AS Fe)	03/04/70-03/04/70	1	90.	90.	90.	90.	0.	0.	**	**	**	**
01145 SELENIUM, DISSOLVED (UG/L AS Se)	03/04/70-03/04/70	1	70.	70.	70.	70.	0.	0.	**	**	**	**
70300 RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	03/04/70-03/04/70	1	1410.	1410.	1410.	1410.	0.	0.	**	**	**	**
70301 SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	03/04/70-03/04/70	1	1290.	1290.	1290.	1290.	0.	0.	**	**	**	**
71850 NITRATE NITROGEN, TOTAL (MG/L AS NO3)	03/04/70-03/04/70	1	0.	0.	0.	0.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0240

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	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	1	1.00				1	1	1.00						
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						
01040	COPPER, DISSOLVED																
	Fresh Acute	18.	1	1	1.00				1	1	1.00						
	Drinking Water	1300.	1	0	0.00				1	0	0.00						
01145	SELENIUM, DISSOLVED																
	Fresh Acute	20.	1	1	1.00				1	1	1.00						
	Drinking Water	50.	1	1	1.00				1	1	1.00						
71850	NITRATE NITROGEN, TOTAL (AS NO3)																
	Drinking Water	44.	1	0	0.00				1	0	0.00						

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

Station Inventory for Station: CANY0241

NPS Station ID: CANY0241
 Location: CLYDES SPRING T28S R16E S1 SE1/4 NE1/4
 Station Type: /TYP/AMBNT/SPRING
 RMI-Indexes:
 RMI-Miles:
 HUC: 14060008
 Major Basin:
 Minor Basin:
 RF1 Index:
 RF3 Index: 14070004002901.17
 Description:

LAT/LON: 38.405833/-110.106833

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 2.36

Agency: 21UTAH
 FIPS State/County: 49055 UTAH/WAYNE
 STORET Station ID(s): 599279
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.80
 Distance from RF3: 0.11

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: CANY0241

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/14/80-04/24/81	2	8.	8.	11.	5.	18.	4.243	**	**	**
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	11/14/80-04/24/81	2	295.	295.	310.	280.	450.	21.213	**	**	**
00300	OXYGEN, DISSOLVED MG/L	11/14/80-11/14/80	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	11/14/80-04/24/81	2	8.315	8.315	8.44	8.19	0.031	0.177	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	11/14/80-04/24/81	2	8.297	8.297	8.44	8.19	0.032	0.179	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/14/80-04/24/81	2	0.005	0.005	0.006	0.004	0.	0.002	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	11/14/80-04/24/81	2	174.5	174.5	205.	144.	1860.5	43.134	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	11/14/80-04/24/81	2	212.89	212.89	250.1	175.68	2769.168	52.623	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	11/14/80-04/24/81	2	0.205	0.205	0.25	0.16	0.004	0.064	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/14/80-04/24/81	2 ##	0.01	0.01	0.02	0.001	0.	0.014	**	**	**
00916	CALCIUM, TOTAL (MG/L AS Ca)	11/14/80-04/24/81	2	34.	34.	40.	28.	72.	8.485	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	11/14/80-04/24/81	2	22.08	22.08	24.	20.16	7.373	2.715	**	**	**
00929	SODIUM, TOTAL (MG/L AS Na)	11/14/80-04/24/81	2	4.9	4.9	5.	4.8	0.02	0.141	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	11/14/80-04/24/81	2	2.795	2.795	2.84	2.75	0.004	0.064	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	11/14/80-04/24/81	2	4.025	4.025	6.	2.05	7.801	2.793	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	11/14/80-04/24/81	2	11.5	11.5	12.	11.	0.5	0.707	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SiO2)	11/14/80-04/24/81	2	7.825	7.825	8.6	7.05	1.201	1.096	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	11/14/80-04/24/81	2	2.5	2.5	3.	2.	0.5	0.707	**	**	**
01027	CADMIUM, TOTAL (UG/L AS Cd)	11/14/80-04/24/81	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	11/14/80-04/24/81	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
01037	COBALT, TOTAL (UG/L AS CO)	11/14/80-04/24/81	2 ##	3.25	3.25	6.	0.5	15.125	3.889	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	11/14/80-04/24/81	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
01051	LEAD, TOTAL (UG/L AS Pb)	11/14/80-04/24/81	2 ##	0.75	0.75	1.	0.5	0.125	0.354	**	**	**
01062	MOLYBDENUM, TOTAL (UG/L AS MO)	11/14/80-04/24/81	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
01067	NICKEL, TOTAL (UG/L AS Ni)	11/14/80-04/24/81	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
01092	ZINC, TOTAL (UG/L AS Zn)	11/14/80-04/24/81	2	5.5	5.5	6.	5.	0.5	0.707	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	11/14/80-04/24/81	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/14/80-04/24/81	2	75150.	75150.	150000.	300.11205045000.	105853.885	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/14/80-04/24/81	2	3.827	3.827	5.176	2.477	3.642	1.908	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/14/80-04/24/81	2	6708.204	6708.204							
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	11/14/80-04/24/81	2	182.5	182.5	210.	155.	1512.5	38.891	**	**	**
71900	MERCURY, TOTAL (UG/L AS Hg)	11/14/80-04/24/81	2 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**
82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	11/14/80-04/24/81	2 ##	500.	500.	500.	500.	0.	0.	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0241

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00				1	0	0.00						
00406 PH, FIELD	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			
00620 NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00				1	0	0.00	1	0	0.00			
00941 CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	250.	2	0	0.00				1	0	0.00	1	0	0.00			
00946 SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	2	0	0.00				1	0	0.00	1	0	0.00			
01002 ARSENIC, TOTAL	Fresh Acute	360.	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	50.	2	0	0.00				1	0	0.00	1	0	0.00			
01027 CADMIUM, TOTAL	Fresh Acute	3.9	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	5.	2	0	0.00				1	0	0.00	1	0	0.00			
01034 CHROMIUM, TOTAL	Drinking Water	100.	2	0	0.00				1	0	0.00	1	0	0.00			
01042 COPPER, TOTAL	Fresh Acute	18.	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	1300.	2	0	0.00				1	0	0.00	1	0	0.00			
01051 LEAD, TOTAL	Fresh Acute	82.	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	15.	2	0	0.00				1	0	0.00	1	0	0.00			
01067 NICKEL, TOTAL	Fresh Acute	1400.	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	100.	2	0	0.00				1	0	0.00	1	0	0.00			
01092 ZINC, TOTAL	Fresh Acute	120.	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	5000.	2	0	0.00				1	0	0.00	1	0	0.00			
01147 SELENIUM, TOTAL	Fresh Acute	20.	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	50.	2	0	0.00				1	0	0.00	1	0	0.00			
31506 COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	2	1	0.50				1	0	0.00	1	1	1.00			
71900 MERCURY, TOTAL	Fresh Acute	2.4	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	2.	2	0	0.00				1	0	0.00	1	0	0.00			

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

Station Inventory for Station: CANY0242

NPS Station ID: CANY0242
 Location: LATHROP MINE
 Station Type: /TYPA/NTRTMT/OUTFL/NONAMB/ABANDN/PIPE/MINE
 RMI-Indexes:
 RMI-Miles:
 HUC: 14030005
 Major Basin:
 Minor Basin:
 RF1 Index:
 RF3 Index: 14060008031400.00
 Description:

LAT/LON: 38.406000/-109.801667

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 3.17

Agency: 21UTAH
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): 495562
 Within Park Boundary: Yes

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.03

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: CANY0242

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00335	COD, .025N K2CR2O7 MG/L	07/28/87-07/28/87	1	18.	18.	18.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/28/87-07/28/87	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/28/87-07/28/87	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	07/28/87-07/28/87	1	0.22	0.22	0.22	0.22	0.	0.	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/28/87-07/28/87	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/28/87-07/28/87	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/28/87-07/28/87	1	4.3	4.3	4.3	4.3	0.	0.	**	**	**
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	07/28/87-07/28/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
01501	ALPHA, TOTAL	07/28/87-08/10/87	2	1271.5	1271.5	2467.	76.	2858440.5	1690.692	**	**	**
03501	BETA, TOTAL	07/28/87-08/10/87	2 ##	29.5	29.5	53.	6.	1104.5	33.234	**	**	**
09501	RADIUM 226, TOTAL	07/28/87-08/10/87	2	60.	60.	73.	47.	338.	18.385	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/28/87-07/28/87	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	07/28/87-07/28/87	1	16.5	16.5	16.5	16.5	0.	0.	**	**	**
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	07/28/87-07/28/87	1	0.025	0.025	0.025	0.025	0.	0.	**	**	**
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	07/28/87-07/28/87	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	07/28/87-07/28/87	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	07/28/87-07/28/87	1	30.	30.	30.	30.	0.	0.	**	**	**
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	07/28/87-07/28/87	1	0.53	0.53	0.53	0.53	0.	0.	**	**	**
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	07/28/87-07/28/87	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	07/28/87-07/28/87	1	65.	65.	65.	65.	0.	0.	**	**	**
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	07/28/87-07/28/87	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	07/28/87-07/28/87	1 ##	1.	1.	1.	1.	0.	0.	**	**	**
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	07/28/87-07/28/87	1	55.	55.	55.	55.	0.	0.	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0242

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	0	0.00	1	0	0.00								
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00	1	0	0.00								
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE	Fresh Acute	20.	1	0	0.00	1	0	0.00								
		Drinking Water	50.	1	0	0.00	1	0	0.00								
09501	RADIUM 226, TOTAL	Drinking Water	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

EPA Water Quality Criteria Analysis for Station: CANY0242

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	360.	1	0	0.00	1	0	0.00								
		Drinking Water	50.	1	0	0.00	1	0	0.00								
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER	Drinking Water	2.	1	0	0.00	1	0	0.00								
		Fresh Acute	3.9	1	0	0.00	1	0	0.00								
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATE	Drinking Water	5.	1	0	0.00	1	0	0.00								
		Drinking Water	100.	1	0	0.00	1	0	0.00								
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WAT	Drinking Water	100.	1	0	0.00	1	0	0.00								
		Drinking Water	18.	1	1	1.00	1	1	1.00								
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	1300.	1	0	0.00	1	0	0.00								
		Drinking Water	82.	1	0	0.00	1	0	0.00								
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	15.	1	0	0.00	1	0	0.00								
		Drinking Water	2.4	1	0	0.00	1	0	0.00								
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	2.	1	0	0.00	1	0	0.00								
		Drinking Water	4.1	1	0	0.00	1	0	0.00								
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	100.	1	0	0.00	1	0	0.00								
		Drinking Water	120.	1	0	0.00	1	0	0.00								
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	5000.	1	0	0.00	1	0	0.00								
		Drinking Water															

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

Station Inventory for Station: CANY0243

NPS Station ID: CANY0243
 Location: KANE CREEK SEEP
 Station Type: /TYPA/AMBNT/SPRING
 RMI-Indexes:
 RMI-Miles:
 HUC: 14030005
 Major Basin: COLORADO RIVER
 Minor Basin: UPPER COLORADO RIVER
 RF1 Index: 14030005
 RF3 Index: 14070004002901.17

LAT/LON: 38.406781/-109.526810

Depth of Water: 0
 Elevation: 0

RF1 Mile Point: 0.000
 RF3 Mile Point: 2.36

Agency: 11NPSWRD
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): CANY_NPS_07
 Within Park Boundary: No

Date Created: 08/02/99

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.80
 Distance from RF3: 0.11

On/Off RF1:
 On/Off RF3:

Description:
 THE STATION IS LOCATED ON THE TROUGH SPRINGS CANYON UTAH 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT KANE CREEK SEEP OUTSIDE THE CANYONLANDS NATIONAL PARK. THE DATA ARE FROM THE REPORT "GROUND WATER RESOURCES IN THE PART OF CANYONLANDS NATIONAL PARK EAST OF THE COLORADO RIVER AND CONTIGUOUS BUREAU OF LAND MANAGEMENT LANDS, UTAH" BY H.R. RICHTER, JR. (APRIL 1980). THE PURPOSE OF THE REPORT IS "TO (1) DESCRIBE THE OCCURRENCE AND CIRCULATION OF GROUND WATER AND (2) IDENTIFY POTENTIALLY DEVELOPABLE GROUND WATER SUPPLIES." FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT CANYONLANDS NATIONAL PARK; 2282 S. WEST RESOURCE BLVD.; MOAB UT 84532 (TEL. 801-259-7164). DATA WERE PROCESSED AND UPLOADED TO STORET BY LISA DUMMER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: CANY0243

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/13/78-06/13/78	1	23.	23.	23.	23.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/13/78-06/13/78	1	3350.	3350.	3350.	3350.	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	06/13/78-06/13/78	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	06/13/78-06/13/78	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/13/78-06/13/78	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
00440 BICARBONATE ION (MG/L AS HCO3)	06/13/78-06/13/78	1	440.	440.	440.	440.	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	06/13/78-06/13/78	1	700.	700.	700.	700.	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	06/13/78-06/13/78	1	76.	76.	76.	76.	0.	0.	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	06/13/78-06/13/78	1	120.	120.	120.	120.	0.	0.	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	06/13/78-06/13/78	1	480.	480.	480.	480.	0.	0.	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	06/13/78-06/13/78	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	06/13/78-06/13/78	1	400.	400.	400.	400.	0.	0.	**	**	**	**
00946 SULFATE, DISSOLVED (MG/L AS SO4)	06/13/78-06/13/78	1	790.	790.	790.	790.	0.	0.	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	06/13/78-06/13/78	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SiO2)	06/13/78-06/13/78	1	4.2	4.2	4.2	4.2	0.	0.	**	**	**	**
01020 BORON, DISSOLVED (UG/L AS B)	06/13/78-06/13/78	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
70300 RESIDUE, TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/13/78-06/13/78	1	2240.	2240.	2240.	2240.	0.	0.	**	**	**	**
71851 NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/13/78-06/13/78	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: CANY0243

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
							Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	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
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00										1	0	0.00
		Drinking Water	250.	1	1	1.00										1	1	1.00
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	1	1.00										1	1	1.00
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00										1	0	0.00
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: CANY0244

NPS Station ID: CANY0244
 Location: KANE CANYON CK AT UPPER SITE
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 14030005
 Major Basin:
 Minor Basin:
 RF1 Index:
 RF3 Index: 14030005000410.04
 Description:

LAT/LON: 38.406667/-109.538833

Depth of Water: 0
 Elevation: 0

RF1 Mile Point: 0.000
 RF3 Mile Point: 13.14

Agency: 21UTAH
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): 495600
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.01

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: CANY0244

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/29/80-04/29/81	2	17.25	17.25	21.5	13.	36.125	6.01	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	04/29/80-04/29/81	2	2.6	2.6	4.	1.2	3.92	1.98	**	**	**	**
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/29/80-04/29/81	2	64.5	64.5	82.	47.	612.5	24.749	**	**	**	**
00094 SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/29/80-04/29/81	2	925.	925.	1150.	700.	101250.	318.198	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/29/80-04/29/81	2	862.5	862.5	1000.	725.	37812.5	194.454	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	04/29/80-04/29/81	2	8.4	8.4	9.	7.8	0.72	0.849	**	**	**	**
00310 BOD, 5 DAY, 20 DEG C MG/L	04/29/80-04/29/80	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00335 COD, .025N K2CR2O7 MG/L	04/29/80-04/29/81	2 ##	13.75	13.75	20.	7.5	78.125	8.839	**	**	**	**
00405 CARBON DIOXIDE (MG/L AS CO2)	04/29/80-04/29/81	2	1.5	1.5	2.	1.	0.5	0.707	**	**	**	**
00406 PH, FIELD, STANDARD UNITS SU	04/29/80-04/29/81	2	8.35	8.35	8.4	8.3	0.005	0.071	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS	04/29/80-04/29/81	2	8.347	8.347	8.4	8.3	0.005	0.071	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/29/80-04/29/81	2	0.004	0.004	0.005	0.004	0.	0.001	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CACO3)	04/29/80-04/29/81	2	208.5	208.5	223.	194.	420.5	20.506	**	**	**	**
00440 BICARBONATE ION (MG/L AS HCO3)	04/29/80-04/29/81	2	248.	248.	268.	228.	800.	28.284	**	**	**	**
00445 CARBONATE ION (MG/L AS CO3)	04/29/80-04/29/81	2	3.	3.	4.	2.	2.	1.414	**	**	**	**
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/29/80-04/29/80	1	110.	110.	110.	110.	0.	0.	**	**	**	**
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/29/80-04/29/81	2 ##	0.075	0.075	0.1	0.05	0.001	0.035	**	**	**	**
00615 NITRITE NITROGEN, TOTAL (MG/L AS N)	04/29/80-04/29/81	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	04/29/80-04/29/81	2	0.275	0.275	0.35	0.2	0.011	0.106	**	**	**	**
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/29/80-04/29/81	2	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/29/80-04/29/81	2	0.3	0.3	0.35	0.25	0.005	0.071	**	**	**	**
00665 PHOSPHORUS, TOTAL (MG/L AS P)	04/29/80-04/29/81	2 ##	0.028	0.028	0.03	0.025	0.	0.004	**	**	**	**
00680 CARBON, TOTAL ORGANIC (MG/L AS C)	04/29/80-04/29/81	2	6.45	6.45	10.7	2.2	36.125	6.01	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CACO3)	04/29/80-04/29/81	2	327.	327.	340.	314.	338.	18.385	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS CA)	04/29/80-04/29/81	2	66.	66.	79.	53.	338.	18.385	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	04/29/80-04/29/81	2	39.5	39.5	51.	28.	264.5	16.263	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS NA)	04/29/80-04/29/81	2	61.5	61.5	83.	40.	924.5	30.406	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	04/29/80-04/29/81	2	4.5	4.5	7.	2.	12.5	3.536	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	04/29/80-04/29/81	2	52.	52.	84.	20.	2048.	45.255	**	**	**	**
00946 SULFATE, DISSOLVED (MG/L AS SO4)	04/29/80-04/29/81	2	177.5	177.5	193.	162.	480.5	21.92	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	04/29/80-04/29/81	2	0.32	0.32	0.35	0.29	0.002	0.042	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SI02)	04/29/80-04/29/81	2	11.5	11.5	13.	10.	4.5	2.121	**	**	**	**
01020 BORON, DISSOLVED (UG/L AS B)	04/29/80-04/29/81	2	115.	115.	130.	100.	450.	21.213	**	**	**	**
01025 CADMIUM, DISSOLVED (UG/L AS CD)	04/29/81-04/29/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01030 CHROMIUM, DISSOLVED (UG/L AS CR)	04/29/81-04/29/81	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01032 CHROMIUM, HEXAVALENT (UG/L AS CR)	04/29/80-04/29/81	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01040 COPPER, DISSOLVED (UG/L AS CU)	04/29/81-04/29/81	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01049 LEAD, DISSOLVED (UG/L AS PB)	04/29/81-04/29/81	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**

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

Parameter Inventory for Station: CANY0244

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/29/81-04/29/81	1 ##	5.	5.	5.	5.	0.	0.	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	04/29/81-04/29/81	1 ##	5.	5.	5.	5.	0.	0.	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	04/29/81-04/29/81	1 ##	1.	1.	1.	1.	0.	0.	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	04/29/81-04/29/81	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	04/29/80-04/29/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	04/29/80-04/29/80	1	4300.	4300.	4300.	4300.	0.	0.	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	04/29/80-04/29/80	1	3.633	3.633	3.633	3.633	0.	0.	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =		4300.								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	04/29/80-04/29/80	1	2300.	2300.	2300.	2300.	0.	0.	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	04/29/80-04/29/80	1	3.362	3.362	3.362	3.362	0.	0.	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =		2300.								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/29/80-04/29/81	2	553.	553.	620.	486.	8978.	94.752	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	04/29/80-04/29/81	2 ##	0.025	0.025	0.04	0.01	0.021	0.021	**	**	**
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	04/29/80-04/29/80	1	2.	2.	2.	2.	0.	0.	**	**	**
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	04/29/80-04/29/80	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	04/29/80-04/29/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	04/29/80-04/29/80	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	04/29/80-04/29/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	04/29/80-04/29/80	1	0.87	0.87	0.87	0.87	0.	0.	**	**	**
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	04/29/80-04/29/80	1 ##	5.	5.	5.	5.	0.	0.	**	**	**
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	04/29/80-04/29/80	1	138.	138.	138.	138.	0.	0.	**	**	**
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	04/29/80-04/29/81	2 ##	0.075	0.075	0.1	0.05	0.001	0.035	**	**	**
82715	NICKEL, FIELD ACIDIFIED, DECANTED, WATER UG/L	04/29/80-04/29/80	1	30.	30.	30.	30.	0.	0.	**	**	**
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	04/29/80-04/29/80	1 ##	1.	1.	1.	1.	0.	0.	**	**	**
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	04/29/80-04/29/80	1	5.	5.	5.	5.	0.	0.	**	**	**

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EPA Water Quality Criteria Analysis for Station: CANY0244

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	2	1	0.50						2	1	0.50			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00						2	0	0.00			
00406	PH, FIELD	Fresh Chronic	9.	2	0	0.00						2	0	0.00			
		Other-Lo Lim.	6.5	2	0	0.00						2	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	2	0	0.00						2	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00						2	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	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			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	2	0	0.00						2	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			
01032	CHROMIUM, HEXAVALENT	Fresh Acute	16.	2	0	0.00						2	0	0.00			
		Drinking Water	100.	2	0	0.00						2	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			
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE	Fresh Acute	20.	1	0	0.00						1	0	0.00			
		Drinking Water	50.	1	0	0.00						1	0	0.00			

& - 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: CANY0244

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31506 COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	1	1	1.00							1	1	1.00			
31614 FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	1	1	1.00							1	1	1.00			
82702 ARSENIC, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	360.	1	0	0.00							1	0	0.00			
	Drinking Water	50.	1	0	0.00							1	0	0.00			
82703 BARIUM, FIELD ACIDIFIED, DECANTED, WATER	Drinking Water	2.	1	0	0.00							1	0	0.00			
82705 CADMIUM, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	3.9	1	0	0.00							1	0	0.00			
	Drinking Water	5.	1	0	0.00							1	0	0.00			
82706 CHROMIUM, FIELD ACIDIFIED, DECANTED, WAT	Drinking Water	100.	1	0	0.00							1	0	0.00			
82708 COPPER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	18.	1	0	0.00							1	0	0.00			
	Drinking Water	1300.	1	0	0.00							1	0	0.00			
82711 LEAD, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	82.	1	0	0.00							1	0	0.00			
	Drinking Water	15.	1	0	0.00							1	0	0.00			
82713 MERCURY, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	2.4	2	0	0.00							2	0	0.00			
	Drinking Water	2.	2	0	0.00							2	0	0.00			
82715 NICKEL, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
	Drinking Water	100.	1	0	0.00							1	0	0.00			
82716 SILVER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	4.1	1	0	0.00							1	0	0.00			
	Drinking Water	100.	1	0	0.00							1	0	0.00			
82719 ZINC, FIELD ACIDIFIED, DECANTED, WATER	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: CANY0245

NPS Station ID: CANY0245
 Location: LATHRUP CANYON NO. 1 UPPER WASH, NR. MOAB, UTAH
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 14030005
 Major Basin:
 Minor Basin:
 RF1 Index: 14030005
 RF3 Index: 14030005018701.37
 Description:

LAT/LON: 38.408892/-109.817226

Depth of Water: 0
 Elevation: 0

RF1 Mile Point: 0.000
 RF3 Mile Point: 1.86

Agency: 112WRD
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): 382432109490201
 Within Park Boundary: Yes

Date Created: 01/07/89

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 18.70
 Distance from RF3: 0.01

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: CANY0245

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/14/88-05/01/89	6	17.5	15.75	31.5	0.	126.675	11.255	**	**	**	**
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/02/89-03/02/89	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/14/88-05/01/89	6	6425.	5780.	9600.	1580.	13782200.	3712.439	**	**	**	**
00400 PH (STANDARD UNITS)	04/14/88-05/01/89	6	8.1	8.133	8.5	7.8	0.063	0.25	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	04/14/88-05/01/89	6	8.089	8.076	8.5	7.8	0.067	0.258	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/14/88-05/01/89	6	0.008	0.008	0.016	0.003	0.	0.005	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	04/14/88-05/01/89	6	8.05	8.117	8.5	8.	0.038	0.194	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	04/14/88-05/01/89	6	8.047	8.088	8.5	8.	0.039	0.197	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/14/88-05/01/89	6	0.009	0.008	0.01	0.003	0.	0.003	**	**	**	**
00631 NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/14/88-05/01/89	6 ##	0.05	0.058	0.1	0.05	0.	0.02	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS CA)	04/14/88-05/01/89	6	96.	86.333	130.	31.	2017.867	44.921	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	04/14/88-05/01/89	6	125.	113.5	170.	49.	2722.3	52.176	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS NA)	04/14/88-05/01/89	6	1155.	1103.333	2000.	230.	626266.667	791.37	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	04/14/88-05/01/89	6	33.5	34.	44.	22.	80.4	8.967	**	**	**	**
00940 CHLORIDE, TOTAL IN WATER MG/L	04/14/88-05/01/89	6	1730.	1651.667	3200.	150.	1903216.667	1379.571	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	04/14/88-05/01/89	6	645.	563.333	820.	250.	60866.667	246.712	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	04/14/88-05/01/89	6	0.45	0.433	0.5	0.3	0.007	0.082	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SI02)	04/14/88-05/01/89	6	13.5	13.	15.	10.	4.4	2.098	**	**	**	**
01005 BARIUM, DISSOLVED (UG/L AS BA)	04/14/88-05/01/89	6	49.5	55.167	85.	33.	341.367	18.476	**	**	**	**
01010 BERYLLIUM, DISSOLVED (UG/L AS BE)	04/14/88-05/01/89	6 ##	0.25	1.625	7.5	0.25	8.444	2.906	**	**	**	**
01025 CADMIUM, DISSOLVED (UG/L AS CD)	04/14/88-05/01/89	6 ##	1.	1.667	5.	0.5	3.067	1.751	**	**	**	**
01030 CHROMIUM, DISSOLVED (UG/L AS CR)	04/14/88-05/01/89	6 ##	2.5	5.	12.5	2.5	17.5	4.183	**	**	**	**
01035 COBALT, DISSOLVED (UG/L AS CO)	04/14/88-05/01/89	6 ##	2.75	3.917	7.5	1.5	8.642	2.94	**	**	**	**
01040 COPPER, DISSOLVED (UG/L AS CU)	04/14/88-05/01/89	6 ##	7.5	10.833	25.	5.	64.167	8.01	**	**	**	**
01046 IRON, DISSOLVED (UG/L AS FE)	04/14/88-05/01/89	6	10.75	12.667	23.	7.5	31.967	5.654	**	**	**	**
01049 LEAD, DISSOLVED (UG/L AS PB)	04/14/88-05/01/89	6 ##	12.5	16.667	40.	5.	186.667	13.663	**	**	**	**
01056 MANGANESE, DISSOLVED (UG/L AS MN)	04/14/88-05/01/89	6 ##	1.5	14.25	59.	0.5	555.175	23.562	**	**	**	**
01060 MOLYBDENUM, DISSOLVED (UG/L AS MO)	04/14/88-05/01/89	6	40.	41.667	70.	20.	336.667	18.348	**	**	**	**
01065 NICKEL, DISSOLVED (UG/L AS NI)	04/14/88-05/01/89	6 ##	10.	14.167	30.	5.	124.167	11.143	**	**	**	**
01075 SILVER, DISSOLVED (UG/L AS AG)	04/14/88-05/01/89	6 ##	1.	1.417	3.	0.5	1.242	1.114	**	**	**	**
01080 STRONTIUM, DISSOLVED (UG/L AS SR)	04/14/88-05/01/89	6	4800.	4600.	8000.	1200.	9700000.	3114.482	**	**	**	**
01085 VANADIUM, DISSOLVED (UG/L AS V)	04/14/88-05/01/89	6 ##	7.5	7.5	15.	3.	20.7	4.55	**	**	**	**
01090 ZINC, DISSOLVED (UG/L AS ZN)	04/14/88-05/01/89	6	22.25	23.833	50.	1.5	345.867	18.597	**	**	**	**
01130 LITHIUM, DISSOLVED (UG/L AS LI)	04/14/88-05/01/89	6	905.	880.	1700.	160.	444680.	666.843	**	**	**	**
03515 BETA, DISSOLVED GROSS, AS CS-137, PC/L	04/14/88-05/01/89	6	155.	140.333	200.	59.	4229.867	65.037	**	**	**	**
09511 RADIUM 226, DISSOLVED, RADON METHOD	04/14/88-05/01/89	6	0.42	0.443	0.85	0.18	0.054	0.232	**	**	**	**
22603 URANIUM 238, DISSOLVED, PC/L	08/17/88-05/01/89	5	53.	48.	61.	28.	189.5	13.766	**	**	**	**
22610 URANIUM 234, DISSOLVED, PC/L	08/17/88-05/01/89	5	76.	64.4	77.	39.	306.8	17.516	**	**	**	**

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

Parameter Inventory for Station: CANY0245

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
22620	URANIUM 235, DISSOLVED, PC/L	03/02/89-05/01/89	2	1.9	1.9	2.1	1.7	0.08	0.283	**	**	**	**
75986	ALPHA GROSS,1 SIGMA PRC EST AS NAT U,DISS,WTR UG/L	03/02/89-05/01/89	2	10.15	10.15	15.	5.3	47.045	6.859	**	**	**	**
75987	ALPHA GROSS,DISS,1 SIGMA PRC EST AS TH230,WTR PC/L	03/02/89-05/01/89	2	73.	73.	98.	48.	1250.	35.355	**	**	**	**
75988	BETA GROSS,DISS,1 SIGMA PRC EST AS SR90/Y90 PC/L	03/02/89-05/01/89	2	8.55	8.55	11.	6.1	12.005	3.465	**	**	**	**
75989	BETA GROSS,1 SIGMA PRC EST AS CS-137,DISS,WTR PC/L	03/02/89-05/01/89	2	11.8	11.8	17.	6.6	54.08	7.354	**	**	**	**
75991	URANIUM 238,1 SIGMA PRC EST,DISSOLVED,WATER PC/L	03/02/89-05/01/89	2	3.9	3.9	4.3	3.5	0.32	0.566	**	**	**	**
75992	URANIUM 234,1 SIGMA PRC EST,DISSOLVED,WATER PC/L	03/02/89-05/01/89	2	5.15	5.15	5.6	4.7	0.405	0.636	**	**	**	**
75994	URANIUM 235,1 SIGMA PRC EST,DISSOLVED,WATER PC/L	03/02/89-05/01/89	2	0.45	0.45	0.5	0.4	0.005	0.071	**	**	**	**
76000	RADIUM 228,1 SIGMA PRC EST,DISSOLVED,WATER PC/L	05/01/89-05/01/89	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
76001	RADIUM 226,1 SIGMA PRC EST,DISSOLVED,WATER PC/L	03/02/89-05/01/89	2	0.07	0.07	0.09	0.05	0.001	0.028	**	**	**	**
80030	ALPHA,DISSOLVED GROSS,AS URANIUM-NATURAL,UG/L	04/14/88-05/01/89	6	175.	160.167	260.	44.	7056.967	84.006	**	**	**	**
80050	BETA,DISSOLVED GROSS,AS SR-Y-90, PC/L	04/14/88-05/01/89	6	103.	96.5	140.	49.	1723.9	41.52	**	**	**	**
81366	RADIUM-228,DISSOLVED (PC/L AS RA-228)	04/14/88-05/01/89	6	1.8	1.65	2.5	0.5	0.503	0.709	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0245

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH																
	Fresh Chronic	9.	6	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00
	Other-Lo Lim.	6.5	6	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00
00403	PH, LAB																
	Fresh Chronic	9.	6	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00
	Other-Lo Lim.	6.5	6	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.																
	Drinking Water	10.	6	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00
00940	CHLORIDE, TOTAL IN WATER																
	Fresh Acute	860.	6	4	0.67	2	2	1.00	2	2	1.00	2	2	1.00	2	0	0.00
	Drinking Water	250.	6	4	0.67	2	2	1.00	2	2	1.00	2	2	1.00	2	0	0.00
00945	SULFATE, TOTAL (AS SO4)																
	Drinking Water	250.	6	6	1.00	2	2	1.00	2	2	1.00	2	2	1.00	2	2	1.00
00950	FLUORIDE, DISSOLVED AS F																
	Drinking Water	4.	6	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00
01005	BARIUM, DISSOLVED																
	Drinking Water	2000.	6	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00
01010	BERYLLIUM, DISSOLVED																
	Fresh Acute	130.	6	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00
	Drinking Water	4.	5 &	0	0.00	2	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00
01025	CADMIUM, DISSOLVED																
	Fresh Acute	3.9	6	1	0.17	2	0	0.00	2	1	0.50	2	0	0.00	2	0	0.00
	Drinking Water	5.	6	1	0.17	2	0	0.00	2	1	0.50	2	0	0.00	2	0	0.00
01030	CHROMIUM, DISSOLVED																
	Drinking Water	100.	6	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00
01040	COPPER, DISSOLVED																
	Fresh Acute	18.	5 &	0	0.00	2	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00
	Drinking Water	1300.	6	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00
01049	LEAD, DISSOLVED																
	Fresh Acute	82.	6	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00
	Drinking Water	15.	4 &	1	0.25	2	1	0.50				2	0	0.00			
01065	NICKEL, DISSOLVED																
	Fresh Acute	1400.	6	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00
	Drinking Water	100.	6	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00
01075	SILVER, DISSOLVED																
	Fresh Acute	4.1	6	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00
	Drinking Water	100.	6	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00
01090	ZINC, DISSOLVED																
	Fresh Acute	120.	6	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00
	Drinking Water	5000.	6	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00

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

Station Inventory for Station: CANY0246

NPS Station ID: CANY0246
 Location: LATHRUP CANYON NO.3 MINE SHAFT POOL NR. MOAB, UT
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 14030005
 Major Basin:
 Minor Basin:
 RF1 Index: 14030005
 RF3 Index: 14030005018701.37
 Description:

LAT/LON: 38.409170/-109.816393

Depth of Water: 0
 Elevation: 0

RF1 Mile Point: 0.000
 RF3 Mile Point: 5.65

Agency: 112WRD
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): 382433109485901
 Within Park Boundary: Yes

Date Created: 01/07/89

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.03

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: CANY0246

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/14/88-05/01/89	6	11.5	11.667	14.	9.	4.167	2.041	**	**	**	**
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/02/89-03/02/89	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/14/88-05/01/89	6	6700.	5576.	6750.	6.	7448376.	2729.171	**	**	**	**
00400 PH (STANDARD UNITS)	04/14/88-05/01/89	6	8.4	8.35	8.4	8.2	0.007	0.084	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	04/14/88-05/01/89	6	8.4	8.343	8.4	8.2	0.007	0.084	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/14/88-05/01/89	6	0.004	0.005	0.006	0.004	0.	0.001	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	04/14/88-05/01/89	6	8.3	8.317	8.5	8.1	0.018	0.133	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	04/14/88-05/01/89	6	8.3	8.299	8.5	8.1	0.018	0.134	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/14/88-05/01/89	6	0.005	0.005	0.008	0.003	0.	0.002	**	**	**	**
00631 NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/14/88-05/01/89	5	0.2	0.16	0.2	0.1	0.003	0.055	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS CA)	04/14/88-05/01/89	6	70.5	69.667	76.	58.	37.867	6.154	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	04/14/88-05/01/89	6	130.	135.	190.	110.	790.	28.107	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS NA)	04/14/88-05/01/89	6	1300.	1316.667	1400.	1300.	1666.667	40.825	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	04/14/88-05/01/89	6	27.5	27.167	33.	20.	22.167	4.708	**	**	**	**
00940 CHLORIDE, TOTAL IN WATER MG/L	04/14/88-05/01/89	6	1300.	1266.667	1300.	1200.	2666.667	51.64	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	04/14/88-05/01/89	6	1500.	1516.667	1600.	1400.	5666.667	75.277	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	04/14/88-05/01/89	6	0.4	0.383	0.4	0.3	0.002	0.041	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SI02)	04/14/88-05/01/89	6	9.25	9.233	9.7	8.9	0.095	0.308	**	**	**	**
01005 BARIUM, DISSOLVED (UG/L AS BA)	08/17/88-05/01/89	5	9.	9.8	18.	6.	22.7	4.764	**	**	**	**
01010 BERYLLIUM, DISSOLVED (UG/L AS BE)	08/17/88-05/01/89	5 ##	1.25	3.6	15.	0.25	40.863	6.392	**	**	**	**
01025 CADMIUM, DISSOLVED (UG/L AS CD)	08/17/88-05/01/89	5 ##	2.	1.8	2.5	0.5	0.7	0.837	**	**	**	**
01030 CHROMIUM, DISSOLVED (UG/L AS CR)	08/17/88-05/01/89	5 ##	7.5	8.4	12.5	2.5	17.8	4.219	**	**	**	**
01035 COBALT, DISSOLVED (UG/L AS CO)	08/17/88-05/01/89	5 ##	1.5	3.9	7.5	1.5	10.8	3.286	**	**	**	**
01040 COPPER, DISSOLVED (UG/L AS CU)	08/17/88-05/01/89	5 ##	20.	16.	25.	5.	105.	10.247	**	**	**	**
01046 IRON, DISSOLVED (UG/L AS FE)	08/17/88-05/01/89	5	16.	17.2	28.	8.	68.7	8.289	**	**	**	**
01049 LEAD, DISSOLVED (UG/L AS PB)	08/17/88-05/01/89	5 ##	30.	28.	40.	5.	207.5	14.405	**	**	**	**
01056 MANGANESE, DISSOLVED (UG/L AS MN)	08/17/88-05/01/89	5 ##	2.5	5.2	19.	0.5	60.2	7.759	**	**	**	**
01060 MOLYBDENUM, DISSOLVED (UG/L AS MO)	08/17/88-05/01/89	5	1500.	1201.	1600.	5.	462005.	679.709	**	**	**	**
01065 NICKEL, DISSOLVED (UG/L AS NI)	08/17/88-05/01/89	5 ##	25.	21.	30.	10.	67.5	8.216	**	**	**	**
01075 SILVER, DISSOLVED (UG/L AS AG)	08/17/88-05/01/89	5 ##	1.5	1.7	3.5	0.5	1.7	1.304	**	**	**	**
01080 STRONTIUM, DISSOLVED (UG/L AS SR)	08/17/88-05/01/89	5	7300.	6740.	7700.	4500.	1648000.	1283.745	**	**	**	**
01085 VANADIUM, DISSOLVED (UG/L AS V)	08/17/88-05/01/89	5 ##	9.	9.	15.	3.	36.	6.	**	**	**	**
01090 ZINC, DISSOLVED (UG/L AS ZN)	08/17/88-05/01/89	5	32.	40.2	88.	13.	800.2	28.288	**	**	**	**
01130 LITHIUM, DISSOLVED (UG/L AS LI)	08/17/88-05/01/89	5	1300.	1220.	1300.	1000.	17000.	130.384	**	**	**	**
03515 BETA, DISSOLVED GROSS, AS CS-137, PC/L	04/14/88-05/01/89	6	1950.	2383.333	4500.	1700.	1133666.667	1064.738	**	**	**	**
22603 URANIUM 238, DISSOLVED, PC/L	08/17/88-05/01/89	5	760.	682.6	1100.	93.	133883.8	365.901	**	**	**	**
22610 URANIUM 234, DISSOLVED, PC/L	08/17/88-05/01/89	5	980.	890.	1400.	130.	223100.	472.335	**	**	**	**
22620 URANIUM 235, DISSOLVED, PC/L	03/02/89-05/01/89	2	18.55	18.55	33.	4.1	417.605	20.435	**	**	**	**

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

Parameter Inventory for Station: CANY0246

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
75986	ALPHA GROSS,1 SIGMA PRC EST AS NAT U,DISS,WTR UG/L	03/02/89-05/01/89	2	305.	305.	440.	170.	36450.	190.919	**	**	**
75987	ALPHA GROSS,DISS,1 SIGMA PRC EST AS TH230,WTR PC/L	03/02/89-05/01/89	2	2000.	2000.	2100.	1900.	20000.	141.421	**	**	**
75988	BETA GROSS,DISS,1 SIGMA PRC EST AS SR90/Y90 PC/L	03/02/89-05/01/89	2	275.	275.	420.	130.	42050.	205.061	**	**	**
75989	BETA GROSS,1 SIGMA PRC EST AS CS-137,DISS,WTR PC/L	03/02/89-05/01/89	2	325.	325.	460.	190.	36450.	190.919	**	**	**
75991	URANIUM 238,1 SIGMA PRC EST,DISSOLVED,WATER PC/L	03/02/89-05/01/89	2	43.	43.	75.	11.	2048.	45.255	**	**	**
75992	URANIUM 234,1 SIGMA PRC EST,DISSOLVED,WATER PC/L	03/02/89-05/01/89	2	57.5	57.5	100.	15.	3612.5	60.104	**	**	**
75994	URANIUM 235,1 SIGMA PRC EST,DISSOLVED,WATER PC/L	03/02/89-05/01/89	2	2.75	2.75	4.7	0.8	7.605	2.758	**	**	**
76000	RADIUM 228,1 SIGMA PRC EST,DISSOLVED,WATER PC/L	05/01/89-05/01/89	1	0.8	0.8	0.8	0.	0.	0.	**	**	**
76001	RADIUM 226,1 SIGMA PRC EST,DISSOLVED,WATER PC/L	03/02/89-05/01/89	2	6.6	6.6	6.6	6.6	0.	0.	**	**	**
80030	ALPHA,DISSOLVED GROSS,AS URANIUM-NATURAL,UG/L	04/14/88-05/01/89	6	2950.	2833.333	3900.	1700.	542666.667	736.659	**	**	**
80050	BETA,DISSOLVED GROSS,AS SR-Y-90, PC/L	04/14/88-05/01/89	6	1300.	1766.667	4100.	1100.	1338666.667	1157.008	**	**	**
81366	RADIUM-228,DISSOLVED (PC/L AS RA-228)	04/14/88-05/01/89	6 ##	1.1	201.533	1200.	0.5	239268.963	489.151	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0246

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH																
	Fresh Chronic	9.	6	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00
	Other-Lo Lim.	6.5	6	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00
00403	PH, LAB																
	Fresh Chronic	9.	6	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00
	Other-Lo Lim.	6.5	6	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.																
	Drinking Water	10.	5	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00
00940	CHLORIDE, TOTAL IN WATER																
	Fresh Acute	860.	6	6	1.00	2	2	1.00	2	2	1.00	2	2	1.00	2	2	1.00
	Drinking Water	250.	6	6	1.00	2	2	1.00	2	2	1.00	2	2	1.00	2	2	1.00
00945	SULFATE, TOTAL (AS SO4)																
	Drinking Water	250.	6	6	1.00	2	2	1.00	2	2	1.00	2	2	1.00	2	2	1.00
00950	FLUORIDE, DISSOLVED AS F																
	Drinking Water	4.	6	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00
01005	BARIIUM, DISSOLVED																
	Drinking Water	2000.	5	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00
01010	BERYLLIUM, DISSOLVED																
	Fresh Acute	130.	5	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00
	Drinking Water	4.	4 &	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00
01025	CADMIUM, DISSOLVED																
	Fresh Acute	3.9	5	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00
	Drinking Water	5.	5	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00
01030	CHROMIUM, DISSOLVED																
	Drinking Water	100.	5	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00
01040	COPPER, DISSOLVED																
	Fresh Acute	18.	3 &	1	0.33	2	1	0.50	1	0	0.00	1	0	0.00	1	0	0.00
	Drinking Water	1300.	5	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00
01049	LEAD, DISSOLVED																
	Fresh Acute	82.	5	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00
	Drinking Water	15.	3 &	2	0.67	2	1	0.50	1	1	1.00	1	0	0.00	1	0	0.00
01065	NICKEL, DISSOLVED																
	Fresh Acute	1400.	5	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00
	Drinking Water	100.	5	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00
01075	SILVER, DISSOLVED																
	Fresh Acute	4.1	5	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00
	Drinking Water	100.	5	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00
01090	ZINC, DISSOLVED																
	Fresh Acute	120.	5	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00
	Drinking Water	5000.	5	0	0.00	2	0	0.00	2	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: CANY0247

NPS Station ID: CANY0247
 Location: LATHRUP CANYON NO.2,MINE SHAFT SEEP NR. MOAB, UT
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 14030005
 Major Basin:
 Minor Basin:
 RF1 Index: 14030005
 RF3 Index: 14030005018701.37
 Description:

LAT/LON: 38.409448/-109.816116

Depth of Water: 0
 Elevation: 0

RF1 Mile Point: 0.000
 RF3 Mile Point: 5.58

Agency: 112WRD
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): 382434109485801
 Within Park Boundary: Yes

Date Created: 01/07/89

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.01

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: CANY0247

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/14/88-05/01/89	6	12.5	11.917	15.5	7.5	8.642	2.94	**	**	**	**
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	03/02/89-03/02/89	1	9.5	9.5	9.5	9.5	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/14/88-05/01/89	6	11700.	9735.167	11700.	11.	22695860.167	4764.017	**	**	**	**
00400 PH (STANDARD UNITS)	04/14/88-05/01/89	6	7.85	7.833	7.9	7.7	0.007	0.082	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	04/14/88-05/01/89	6	7.847	7.827	7.9	7.7	0.007	0.082	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/14/88-05/01/89	6	0.014	0.015	0.02	0.013	0.	0.003	**	**	**	**
00403 PH, LAB, STANDARD UNITS SU	04/14/88-05/01/89	6	7.8	7.833	7.9	7.8	0.003	0.052	**	**	**	**
00403 CONVERTED PH, LAB, STANDARD UNITS	04/14/88-05/01/89	6	7.8	7.831	7.9	7.8	0.003	0.052	**	**	**	**
00403 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/14/88-05/01/89	6	0.016	0.015	0.016	0.013	0.	0.002	**	**	**	**
00631 NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/14/88-05/01/89	5	0.5	2.14	8.9	0.3	14.288	3.78	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS CA)	04/14/88-05/01/89	6	150.	139.	170.	64.	1454.	38.131	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	04/14/88-05/01/89	6	73.5	72.667	75.	68.	7.467	2.733	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS NA)	04/14/88-05/01/89	6	2400.	2416.667	2600.	2300.	9666.667	98.319	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	04/14/88-05/01/89	6	28.	24.767	35.	0.6	163.207	12.775	**	**	**	**
00940 CHLORIDE,TOTAL IN WATER MG/L	04/14/88-05/01/89	6	3600.	3483.333	3600.	3000.	57666.667	240.139	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	04/14/88-05/01/89	6	745.	731.667	780.	630.	2776.667	52.694	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	04/14/88-05/01/89	6	0.4	0.417	0.5	0.4	0.002	0.041	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SI02)	04/14/88-05/01/89	6	8.6	8.617	8.9	8.4	0.03	0.172	**	**	**	**
01005 BARIUM, DISSOLVED (UG/L AS BA)	08/17/88-05/01/89	5	19.	40.4	120.	17.	1999.3	44.714	**	**	**	**
01010 BERYLLIUM, DISSOLVED (UG/L AS BE)	08/17/88-05/01/89	5 ##	2.5	1.6	2.5	0.25	1.519	1.232	**	**	**	**
01025 CADMIUM, DISSOLVED (UG/L AS CD)	08/17/88-05/01/89	5 ##	5.	3.3	5.	0.5	5.45	2.335	**	**	**	**
01030 CHROMIUM, DISSOLVED (UG/L AS CR)	08/17/88-05/01/89	5 ##	25.	16.	25.	2.5	151.875	12.324	**	**	**	**
01035 COBALT, DISSOLVED (UG/L AS CO)	08/17/88-05/01/89	5 ##	15.	9.6	15.	1.5	54.675	7.394	**	**	**	**
01040 COPPER, DISSOLVED (UG/L AS CU)	08/17/88-05/01/89	5 ##	50.	32.	50.	5.	607.5	24.648	**	**	**	**
01046 IRON, DISSOLVED (UG/L AS FE)	08/17/88-05/01/89	5 ##	15.	12.2	15.	7.	15.2	3.899	**	**	**	**
01049 LEAD, DISSOLVED (UG/L AS PB)	08/17/88-05/01/89	4 ##	45.	42.5	50.	30.	91.667	9.574	**	**	**	**
01056 MANGANESE, DISSOLVED (UG/L AS MN)	08/17/88-05/01/89	5 ##	5.	14.5	50.	0.5	410.75	20.267	**	**	**	**
01060 MOLYBDENUM, DISSOLVED (UG/L AS MO)	08/17/88-05/01/89	5 ##	50.	32.	50.	5.	607.5	24.648	**	**	**	**
01065 NICKEL, DISSOLVED (UG/L AS NI)	08/17/88-05/01/89	5 ##	50.	35.	50.	5.	450.	21.213	**	**	**	**
01075 SILVER, DISSOLVED (UG/L AS AG)	08/17/88-05/01/89	5 ##	5.	3.6	5.	1.	3.8	1.949	**	**	**	**
01080 STRONTIUM, DISSOLVED (UG/L AS SR)	08/17/88-05/01/89	5	12000.	11600.	12000.	11000.	300000.	547.723	**	**	**	**
01085 VANADIUM, DISSOLVED (UG/L AS V)	08/17/88-05/01/89	5 ##	30.	19.2	30.	3.	218.7	14.789	**	**	**	**
01090 ZINC, DISSOLVED (UG/L AS ZN)	08/17/88-05/01/89	5	15.	18.	39.	10.	143.	11.958	**	**	**	**
01130 LITHIUM, DISSOLVED (UG/L AS LI)	08/17/88-05/01/89	5	2000.	1960.	2000.	1900.	3000.	54.772	**	**	**	**
03515 BETA, DISSOLVED GROSS, AS CS-137, PC/L	04/14/88-05/01/89	6	225.	263.333	410.	170.	7906.667	88.919	**	**	**	**
22603 URANIUM 238, DISSOLVED, PC/L	08/17/88-05/01/89	5	8.9	8.98	9.8	8.2	0.367	0.606	**	**	**	**
22610 URANIUM 234, DISSOLVED, PC/L	08/17/88-05/01/89	5	44.	44.6	47.	43.	3.3	1.817	**	**	**	**
22620 URANIUM 235, DISSOLVED, PC/L	03/02/89-05/01/89	2	0.7	0.7	1.	0.4	0.18	0.424	**	**	**	**

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

Parameter Inventory for Station: CANY0247

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
75986	ALPHA GROSS,1 SIGMA PRC EST AS NAT U,DISS,WTR UG/L	03/02/89-05/01/89	2	45.5	45.5	57.	34.	264.5	16.263	**	**	**	**
75987	ALPHA GROSS,DISS,1 SIGMA PRC EST AS TH230,WTR PC/L	03/02/89-05/01/89	2	435.	435.	620.	250.	68450.	261.63	**	**	**	**
75988	BETA GROSS,DISS,1 SIGMA PRC EST AS SR90/Y90 PC/L	03/02/89-05/01/89	2	35.5	35.5	47.	24.	264.5	16.263	**	**	**	**
75989	BETA GROSS,1 SIGMA PRC EST AS CS-137,DISS,WTR PC/L	03/02/89-05/01/89	2	44.	44.	52.	36.	128.	11.314	**	**	**	**
75991	URANIUM 238,1 SIGMA PRC EST,DISSOLVED,WATER PC/L	03/02/89-05/01/89	2	1.1	1.1	1.3	0.9	0.08	0.283	**	**	**	**
75992	URANIUM 234,1 SIGMA PRC EST,DISSOLVED,WATER PC/L	03/02/89-05/01/89	2	4.9	4.9	5.5	4.3	0.72	0.849	**	**	**	**
75994	URANIUM 235,1 SIGMA PRC EST,DISSOLVED,WATER PC/L	03/02/89-05/01/89	2	0.2	0.2	0.3	0.1	0.02	0.141	**	**	**	**
76000	RADIUM 228,1 SIGMA PRC EST,DISSOLVED,WATER PC/L	05/01/89-05/01/89	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
76001	RADIUM 226,1 SIGMA PRC EST,DISSOLVED,WATER PC/L	03/02/89-05/01/89	2	16.	16.	17.	15.	2.	1.414	**	**	**	**
80030	ALPHA,DISSOLVED GROSS,AS URANIUM-NATURAL,UG/L	04/14/88-05/01/89	6	500.	493.333	620.	350.	9026.667	95.009	**	**	**	**
80050	BETA,DISSOLVED GROSS,AS SR-Y-90, PC/L	04/14/88-05/01/89	6	150.	190.	370.	110.	9080.	95.289	**	**	**	**
81366	RADIUM-228,DISSOLVED (PC/L AS RA-228)	04/14/88-05/01/89	6	1.55	1.492	2.	0.95	0.146	0.383	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0247

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Fresh Chronic	9.	6	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00		
		Other-Lo Lim.	6.5	6	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00		
00403	PH, LAB	Fresh Chronic	9.	6	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00		
		Other-Lo Lim.	6.5	6	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00		
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	5	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00		
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	6	6	1.00	2	2	1.00	2	2	1.00	2	2	1.00		
		Drinking Water	250.	6	6	1.00	2	2	1.00	2	2	1.00	2	2	1.00		
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	6	6	1.00	2	2	1.00	2	2	1.00	2	2	1.00		
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	6	0	0.00	2	0	0.00	2	0	0.00	2	0	0.00		
01005	BARIUM, DISSOLVED	Drinking Water	2000.	5	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00		
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	5	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00		
		Drinking Water	4.	5	0	0.00	2	0	0.00	2	0	0.00	1	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.	5	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00		
01040	COPPER, DISSOLVED	Fresh Acute	18.	2 &	0	0.00	2	0	0.00								
		Drinking Water	1300.	5	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00		
01049	LEAD, DISSOLVED	Fresh Acute	82.	4	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00		
		Drinking Water	15.	2 &	2	1.00	2	2	1.00								
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	5	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00		
		Drinking Water	100.	5	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00		
01075	SILVER, DISSOLVED	Fresh Acute	4.1	2 &	0	0.00	2	0	0.00								
		Drinking Water	100.	5	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00		
01090	ZINC, DISSOLVED	Fresh Acute	120.	5	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00		
		Drinking Water	5000.	5	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00		

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

Station Inventory for Station: CANY0248

NPS Station ID: CANY0248
 Location: BIG SPRING T27S R16E S35 NE1/4 SE1/4
 Station Type: /TYPA/AMBNT/SPRING
 RMI-Indexes:
 RMI-Miles:
 HUC: 14060008
 Major Basin:
 Minor Basin:
 RF1 Index:
 RF3 Index: 14070004002901.17
 Description:

LAT/LON: 38.416333/-110.125500

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 2.36

Agency: 21UTAH
 FIPS State/County: 49055 UTAH/WAYNE
 STORET Station ID(s): 599246
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.80
 Distance from RF3: 0.11

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: CANY0248

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/14/80-04/24/81	2	8.25	8.25	11.5	5.	21.125	4.596	**	**	**	**
00058 FLOW, RATE GALLONS/MIN	11/14/80-04/24/81	2	1.2	1.2	1.8	0.6	0.72	0.849	**	**	**	**
00094 SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	11/14/80-04/24/81	2	475.	475.	610.	340.	36450.	190.919	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	11/14/80-04/24/81	2	8.9	8.9	9.8	8.	1.62	1.273	**	**	**	**
00406 PH, FIELD, STANDARD UNITS SU	11/14/80-04/24/81	2	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS	11/14/80-04/24/81	2	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/14/80-04/24/81	2	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	11/14/80-11/14/80	1	210.	210.	210.	210.	0.	0.	**	**	**	**
00440 BICARBONATE ION (MG/L AS HCO3)	11/14/80-11/14/80	1	256.2	256.2	256.2	256.2	0.	0.	**	**	**	**
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	11/14/80-11/14/80	1	0.14	0.14	0.14	0.14	0.	0.	**	**	**	**
00665 PHOSPHORUS, TOTAL (MG/L AS P)	11/14/80-11/14/80	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00916 CALCIUM, TOTAL (MG/L AS Ca)	11/14/80-11/14/80	1	40.	40.	40.	40.	0.	0.	**	**	**	**
00927 MAGNESIUM, TOTAL (MG/L AS MG)	11/14/80-11/14/80	1	25.	25.	25.	25.	0.	0.	**	**	**	**
00929 SODIUM, TOTAL (MG/L AS Na)	11/14/80-11/14/80	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00937 POTASSIUM, TOTAL MG/L AS K)	11/14/80-11/14/80	1	3.51	3.51	3.51	3.51	0.	0.	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	11/14/80-11/14/80	1	3.56	3.56	3.56	3.56	0.	0.	**	**	**	**
00946 SULFATE, DISSOLVED (MG/L AS SO4)	11/14/80-11/14/80	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SiO2)	11/14/80-11/14/80	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
01002 ARSENIC, TOTAL (UG/L AS AS)	11/14/80-11/14/80	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01027 CADMIUM, TOTAL (UG/L AS CD)	11/14/80-11/14/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01034 CHROMIUM, TOTAL (UG/L AS CR)	11/14/80-11/14/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01037 COBALT, TOTAL (UG/L AS CO)	11/14/80-11/14/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01042 COPPER, TOTAL (UG/L AS CU)	11/14/80-11/14/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01051 LEAD, TOTAL (UG/L AS PB)	11/14/80-11/14/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01062 MOLYBDENUM, TOTAL (UG/L AS MO)	11/14/80-11/14/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01067 NICKEL, TOTAL (UG/L AS NI)	11/14/80-11/14/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01092 ZINC, TOTAL (UG/L AS ZN)	11/14/80-11/14/80	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01147 SELENIUM, TOTAL (UG/L AS SE)	11/14/80-11/14/80	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31506 COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/14/80-04/24/81	2	0.	0.	0.	0.	0.	0.	**	**	**	**
31506 LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/14/80-04/24/81	2	0.	0.	0.	0.	0.	0.	**	**	**	**
31506 GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			1.								
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	11/14/80-11/14/80	1	490.	490.	490.	490.	0.	0.	**	**	**	**
71900 MERCURY, TOTAL (UG/L AS HG)	11/14/80-11/14/80	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82298 BROMIDE DISSOLVED AS BR IN WATER UG/L	11/14/80-11/14/80	1 ##	500.	500.	500.	500.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0248

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00				1	0	0.00	1	0	0.00			
00406 PH, FIELD	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			
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						
01002 ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00				1	0	0.00						
	Drinking Water	50.	1	0	0.00				1	0	0.00						
01027 CADMIUM, TOTAL	Fresh Acute	3.9	1	0	0.00				1	0	0.00						
	Drinking Water	5.	1	0	0.00				1	0	0.00						
01034 CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00				1	0	0.00						
01042 COPPER, TOTAL	Fresh Acute	18.	1	0	0.00				1	0	0.00						
	Drinking Water	1300.	1	0	0.00				1	0	0.00						
01051 LEAD, TOTAL	Fresh Acute	82.	1	0	0.00				1	0	0.00						
	Drinking Water	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						
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						
31506 COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	2	0	0.00				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: CANY0249

NPS Station ID: CANY0249
 Location: (D-27-18)27CCB-S1
 Station Type: /TYP/AMBNT/SPRING
 RMI-Indexes:
 RMI-Miles:
 HUC: 14060008
 Major Basin:
 Minor Basin:
 RF1 Index: 14060008
 RF3 Index: 14060008009000.00
 Description:

LAT/LON: 38.418059/-109.938337

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 0.00

Agency: 112WRD
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): 382505109561801
 Within Park Boundary: Yes

Date Created: 02/28/78

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.02

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: CANY0249

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/14/68-05/14/68	1	15.	15.	15.	15.	0.	0.	**	**	**
00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	05/25/65-05/14/68	1	8.	8.	8.	8.	0.	0.	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/25/65-05/14/68	2	349.	349.	440.	258.	16562.	128.693	**	**	**
00400	PH (STANDARD UNITS)	05/25/65-05/14/68	2	7.7	7.7	7.9	7.5	0.08	0.283	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/25/65-05/14/68	2	7.655	7.655	7.9	7.5	0.084	0.29	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/25/65-05/14/68	2	0.022	0.022	0.032	0.013	0.	0.013	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	05/25/65-05/14/68	2	6.45	6.45	7.4	5.5	1.805	1.344	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/25/65-05/14/68	2	171.5	171.5	223.	120.	5304.5	72.832	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	05/25/65-05/14/68	2	209.	209.	272.	146.	7938.	89.095	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	05/25/65-05/14/68	2	0.	0.	0.	0.	0.	0.	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	05/25/65-05/14/68	2	0.105	0.105	0.14	0.07	0.002	0.049	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/25/65-05/14/68	2	180.	180.	232.	128.	5408.	73.539	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	05/25/65-05/14/68	2	8.5	8.5	9.	8.	0.5	0.707	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/25/65-05/14/68	2	35.	35.	43.	27.	128.	11.314	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/25/65-05/14/68	2	22.5	22.5	30.	15.	112.5	10.607	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/14/68-05/14/68	1	15.	15.	15.	15.	0.	0.	**	**	**
00931	SODIUM ADSORPTION RATIO	05/25/65-05/14/68	2	0.25	0.25	0.4	0.1	0.045	0.212	**	**	**
00932	SODIUM, PERCENT	05/25/65-05/14/68	2	8.5	8.5	12.	5.	24.5	4.95	**	**	**
00933	SODIUM,PLUS POTASSIUM (MG/L)	05/25/65-05/25/65	1	3.	3.	3.	3.	0.	0.	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/14/68-05/14/68	1	3.5	3.5	3.5	3.5	0.	0.	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/25/65-05/14/68	2	6.5	6.5	8.	5.	4.5	2.121	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	05/25/65-05/14/68	2	16.	16.	24.	8.	128.	11.314	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/14/68-05/14/68	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	05/25/65-05/14/68	2	8.75	8.75	10.	7.5	3.125	1.768	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	05/14/68-05/14/68	1	0.	0.	0.	0.	0.	0.	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	05/14/68-05/14/68	1	60.	60.	60.	60.	0.	0.	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	05/14/68-05/14/68	1	0.	0.	0.	0.	0.	0.	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	05/14/68-05/14/68	1	0.	0.	0.	0.	0.	0.	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	05/14/68-05/14/68	1	0.	0.	0.	0.	0.	0.	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	05/14/68-05/14/68	1	0.	0.	0.	0.	0.	0.	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/25/65-05/14/68	2	203.	203.	261.	145.	6728.	82.024	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	05/25/65-05/14/68	2	203.	203.	269.	137.	8712.	93.338	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/25/65-05/14/68	2	0.45	0.45	0.6	0.3	0.045	0.212	**	**	**
71885	IRON (UG/L AS FE)	05/14/68-05/14/68	1	0.	0.	0.	0.	0.	0.	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0249

Parameter	Std. Type	Std. Value	Total			-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
			Obs	Exceed Standard	Prop. Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	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			
00618 NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	2	0	0.00							2	0	0.00			
	Fresh Acute	860.	2	0	0.00							2	0	0.00			
00940 CHLORIDE, TOTAL IN WATER	Drinking Water	250.	2	0	0.00							2	0	0.00			
	Drinking Water	250.	2	0	0.00							2	0	0.00			
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	250.	2	0	0.00							2	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			
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			
01145 SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00							1	0	0.00			
	Drinking Water	50.	1	0	0.00							1	0	0.00			
22703 URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00							1	0	0.00			
71851 NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	2	0	0.00							2	0	0.00			

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

Station Inventory for Station: CANY0250

NPS Station ID: CANY0250 LAT/LON: 38.420833/-109.931833

Location: HOLEMAN SPR 0.5 MI SW OF UPHEAVAL OVERLOOK -HSB-

Station Type: /TYPA/AMBNT/SPRING

RMI-Indexes:

RMI-Miles:

HUC: 14060008

Major Basin:

Minor Basin:

RF1 Index:

RF3 Index: 14030005018701.37

Description:

WATER QUALITY STATION IS LOCATED IN CANYONLANDS NP. THIS PARK IS

SAMPLES WERE COLLECTED BY CANYONLANDS NATIONAL PARK NATURAL RESOURCE

435-259-3911); ANALYZED BY THE UTAH DEPARTMENT OF HEALTH LABORATORY;

QUALITY - DIVISION OF WATER QUALITY. DATA COLLECTED AT THE SAME

Depth of Water: 0

Elevation: 0

RF1 Mile Point: 0.000

RF3 Mile Point: 1.53

Agency: 21UTAH

FIPS State/County: 49037 UTAH/SAN JUAN

STORET Station ID(s): 599564

Within Park Boundary: Yes

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 16.30

Distance from RF3: 0.02

Date Created: / /

On/Off RF1:

On/Off RF3:

Parameter Inventory for Station: CANY0250

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/14/91-09/09/98	2	17.65	17.65	17.8	17.5	0.045	0.212	**	**	**	**
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/09/98-09/09/98	1	25.	25.	25.	25.	0.	0.	**	**	**	**
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	08/14/91-09/09/98	3	0.266	0.194	0.28	0.035	0.019	0.138	**	**	**	**
00094 SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/14/91-09/09/98	2	248.	248.	253.	243.	50.	7.071	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/14/91-09/09/98	3	250.	250.333	258.	243.	56.333	7.506	**	**	**	**
00191 HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	08/14/91-09/09/98	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	08/14/91-09/09/98	2	8.25	8.25	8.3	8.2	0.005	0.071	**	**	**	**
00400 PH (STANDARD UNITS)	08/14/91-09/09/98	3	7.99	7.863	8.	7.6	0.052	0.228	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	08/14/91-09/09/98	3	7.99	7.821	8.	7.6	0.055	0.234	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/14/91-09/09/98	3	0.01	0.015	0.025	0.01	0.	0.009	**	**	**	**
00405 CARBON DIOXIDE (MG/L AS CO2)	08/14/91-09/09/98	3	2.	3.333	6.	2.	5.333	2.309	**	**	**	**
00406 PH, FIELD, STANDARD UNITS SU	08/14/91-09/09/98	2	7.55	7.55	7.7	7.4	0.045	0.212	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS	08/14/91-09/09/98	2	7.525	7.525	7.7	7.4	0.046	0.215	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/14/91-09/09/98	2	0.03	0.03	0.04	0.02	0.	0.014	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	08/14/91-09/09/98	3	125.	126.333	130.	124.	10.333	3.215	**	**	**	**
00440 BICARBONATE ION (MG/L AS HCO3)	08/14/91-09/09/98	3	152.	154.	158.	152.	12.	3.464	**	**	**	**
00445 CARBONATE ION (MG/L AS CO3)	08/14/91-09/09/98	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/14/91-09/09/98	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/14/91-09/09/98	3 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/14/91-09/24/94	2	0.13	0.13	0.16	0.1	0.002	0.042	**	**	**	**
00631 NITRITE PLUS NITRATE, DISS. I DET. (MG/L AS N)	08/14/91-09/09/98	3	0.59	0.56	0.61	0.479	0.005	0.071	**	**	**	**
00665 PHOSPHORUS, TOTAL (MG/L AS P)	08/14/91-09/09/98	3 ##	0.01	0.014	0.027	0.005	0.	0.012	**	**	**	**
00666 PHOSPHORUS, DISSOLVED (MG/L AS P)	08/14/91-09/09/98	3 ##	0.01	0.009	0.012	0.005	0.	0.004	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	08/14/91-09/09/98	3	131.6	133.567	139.1	130.	23.603	4.858	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	08/14/91-09/09/98	3	29.	29.233	30.7	28.	1.863	1.365	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	08/14/91-09/09/98	3	15.	14.733	15.2	14.	0.413	0.643	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS NA)	08/14/91-09/09/98	3	2.8	2.93	3.2	2.79	0.055	0.234	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	08/14/91-09/09/98	3	1.52	1.64	1.9	1.5	0.051	0.225	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	08/14/91-09/09/98	3	3.5	3.5	3.5	3.5	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: CANY0250

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/14/91-09/09/98	3	10.4	8.619	10.457	5.	9.824	3.134	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	09/09/98-09/09/98	1 ##	2.5	2.5	2.5	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	09/09/98-09/09/98	1	220.	220.	220.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	09/09/98-09/09/98	1 ##	0.5	0.5	0.5	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/09/98-09/09/98	1 ##	2.5	2.5	2.5	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	09/09/98-09/09/98	1 ##	6.	6.	6.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/09/98-09/09/98	1 ##	10.	10.	10.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	09/09/98-09/09/98	1 ##	1.5	1.5	1.5	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/09/98-09/09/98	1 ##	2.5	2.5	2.5	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	09/09/98-09/09/98	1 ##	1.	1.	1.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	09/09/98-09/09/98	1 ##	15.	15.	15.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/09/98-09/09/98	1 ##	15.	15.	15.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	09/09/98-09/09/98	1 ##	0.5	0.5	0.5	0.	0.	**	**	**	**
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	08/14/91-08/14/91	1 ##	2.5	2.5	2.5	0.	0.	**	**	**	**
61027	ANIONS, SUM, TOTAL IN WATER MG/L	08/14/91-09/09/98	3	89.	90.	92.	89.	3.	1.732	**	**	**
61944	CATIONS, SUM, TOTAL IN WATER, MG/L	08/14/91-09/09/98	3	48.	48.333	50.	47.	2.333	1.528	**	**	**
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	08/14/91-09/09/98	3	136.	136.667	140.	134.	9.333	3.055	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	09/09/98-09/09/98	1 ##	0.1	0.1	0.1	0.	0.	**	**	**	**
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/14/91-08/14/91	1 ##	2.5	2.5	2.5	0.	0.	**	**	**	**
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	08/14/91-08/14/91	1	0.22	0.22	0.22	0.22	0.	0.	**	**	**
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/14/91-08/14/91	1 ##	0.5	0.5	0.5	0.	0.	**	**	**	**
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/14/91-08/14/91	1 ##	2.5	2.5	2.5	0.	0.	**	**	**	**
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/14/91-08/14/91	1 ##	10.	10.	10.	10.	0.	0.	**	**	**
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	08/14/91-08/14/91	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/14/91-08/14/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/14/91-08/14/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/14/91-08/14/91	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/14/91-08/14/91	1 ##	1.	1.	1.	1.	0.	0.	**	**	**
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/14/91-08/14/91	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: CANY0250

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	3	0	0.00	3	0	0.00								
00300	OXYGEN, DISSOLVED	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								
00406	PH, FIELD	Fresh Chronic	9.	2	0	0.00	2	0	0.00								
		Other-Lo Lim.	6.5	2	0	0.00	2	0	0.00								
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	3	0	0.00	3	0	0.00								
00941	CHLORIDE, DISSOLVED 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								
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00	1	0	0.00								
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00	1	0	0.00								
		Drinking Water	5.	1	0	0.00	1	0	0.00								
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00	1	0	0.00								
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00	1	0	0.00								
		Drinking Water	1300.	1	0	0.00	1	0	0.00								
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00	1	0	0.00								
		Drinking Water	15.	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 Station: CANY0250

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
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									
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE	Fresh Acute 20.	1	0	0.00	1	0	0.00									
	Drinking Water	50.	1	0	0.00	1	0	0.00									
71890	MERCURY, DISSOLVED	Fresh Acute 2.4	1	0	0.00	1	0	0.00									
	Drinking Water	2.	1	0	0.00	1	0	0.00									
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute 360.	1	0	0.00	1	0	0.00									
	Drinking Water	50.	1	0	0.00	1	0	0.00									
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER	Drinking Water 2.	1	0	0.00	1	0	0.00									
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute 3.9	1	0	0.00	1	0	0.00									
	Drinking Water	5.	1	0	0.00	1	0	0.00									
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WAT	Drinking Water 100.	1	0	0.00	1	0	0.00									
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute 18.	1	0	0.00	1	0	0.00									
	Drinking Water	1300.	1	0	0.00	1	0	0.00									
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute 82.	1	0	0.00	1	0	0.00									
	Drinking Water	15.	1	0	0.00	1	0	0.00									
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute 2.4	1	0	0.00	1	0	0.00									
	Drinking Water	2.	1	0	0.00	1	0	0.00									
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute 4.1	1	0	0.00	1	0	0.00									
	Drinking Water	100.	1	0	0.00	1	0	0.00									
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER	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: CANY0251

NPS Station ID: CANY0251 LAT/LON: 38.420809/-109.931920

Location: HOLEMAN SPR. 5 MI SW OF UPHEAVAL OVERLOOK

Station Type: /TYPA/AMBNT/SPRING

RMI-Indexes:

RMI-Miles:

HUC: 14060008

Major Basin: COLORADO RIVER

Minor Basin: UPPER COLORADO RIVER

RF1 Index: 14060008

RF3 Index: 14070004002901.17

Description:

THE STATION IS LOCATED ON THE UPHEAVAL DOME UTAH 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. HOLEMAN SPRING IS LOCATED INSIDE THE CANYONLANDS NATIONAL PARK BOUNDARY. THE SAMPLES WERE COLLECTED AND ANALYZED BY NATIONAL PARK SERVICE PERSONNEL. THE MONITORING BEGAN IN RESPONSE TO A PROPOSED SITING OF A NUCLEAR WASTE REPOSITORY NEAR THE PARK AS STATED BY B. LONG AND R. SMITH IN THE REPORT "WATER QUALITY DATA ANALYSIS AND INTERPRETATION FOR SPRING MONITORING SITES SOUTHEAST UTAH GROUP" (AUGUST 1996). THE INITIAL MONITORING OBJECTIVES WERE TO ESTABLISH A BASELINE DATABASE; DETECT POTENTIAL CHANGES; AND IDENTIFY AREAS OF CONCERN. THE UTAH DEPARTMENT OF ENVIRONMENTAL QUALITY ANALYZED THE SAMPLES IN A COOPERATIVE EFFORT WITH THE PARK SERVICE BEGINNING 8/14/1991. THESE DATA CAN BE FOUND UNDER THE STATION 599564. DATA WERE PROCESSED AND UPLOADED TO STORET BY LISA DUMMER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Agency: 11NPSWRD

FIPS State/County: 49037 UTAH/SAN JUAN

STORET Station ID(s): CANY_NPS_599564/HSB1 /599564

Within Park Boundary: Yes

Date Created: 05/22/99

Depth of Water: 0

Elevation: 0

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 0.80

Distance from RF3: 0.11

On/Off RF1:

On/Off RF3:

Parameter Inventory for Station: CANY0251

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/25/85-03/23/90	11	12.3	13.445	16.9	8.2	10.829	3.291	8.66	10.6	16.8	16.9
00059 FLOW, RATE, INSTANTANEOUS GALLONS/MIN	03/25/85-09/08/87	4	1.545	1.663	2.56	1.	0.503	0.709	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	03/25/85-09/08/87	4	0.004	0.004	0.006	0.002	0.	0.002	**	**	**	**
00090 OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	03/23/90-03/23/90	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00094 SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	10/29/84-03/23/90	12	260.	257.75	280.	218.	253.659	15.927	225.2	251.5	265.75	277.9
00300 OXYGEN, DISSOLVED MG/L	10/29/84-03/23/90	12	8.	8.108	10.7	5.4	1.604	1.267	5.97	7.625	8.725	10.31
00400 PH (STANDARD UNITS)	10/29/84-03/23/90	12	7.425	7.403	8.9	6.05	0.566	0.752	6.275	6.813	7.87	8.66
00400 CONVERTED PH (STANDARD UNITS)	10/29/84-03/23/90	12	7.391	6.884	8.9	6.05	0.859	0.927	6.275	6.812	7.87	8.66
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/29/84-03/23/90	12	0.041	0.131	0.891	0.001	0.061	0.247	0.003	0.014	0.154	0.671
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	10/29/84-03/23/90	12	147.	150.25	205.	80.	1606.568	40.082	86.	120.	188.	199.9
00480 SALINITY - PARTS PER THOUSAND	03/23/90-03/23/90	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	10/29/84-03/23/90	12 ##	0.05	0.087	0.2	0.05	0.004	0.066	0.05	0.05	0.155	0.2
00655 PHOSPHATE, POLY (MG/L AS PO4)	10/29/84-03/23/90	12	0.6	0.829	3.	0.05	0.675	0.821	0.095	0.425	0.775	2.67
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	10/29/84-03/23/90	12	165.	166.5	200.	120.	484.636	22.014	130.2	154.	186.	197.9
00940 CHLORIDE, TOTAL IN WATER MG/L	09/08/87-03/23/90	6	45.	57.833	121.	38.	980.167	31.308	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	10/29/84-03/23/90	11	10.	17.	95.	2.5	713.3	26.708	2.5	2.5	19.	80.
01042 COPPER, TOTAL (UG/L AS CU)	10/29/84-03/23/90	12 ##	50.	50.	50.	50.	0.	0.	50.	50.	50.	50.
01045 IRON, TOTAL (UG/L AS FE)	10/29/84-03/23/90	12 ##	50.	62.5	200.	50.	1875.	43.301	50.	50.	50.	155.
01055 MANGANESE, TOTAL (UG/L AS MN)	10/29/84-03/23/90	12 ##	125.	275.	1200.	50.	133409.091	365.252	50.	50.	350.	1080.

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

Parameter Inventory for Station: CANY0251

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501 COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/18/85-03/23/89	7 ##	0.	31.429	150.	0.	3214.286	56.695	**	**	**	**
31501 LOG COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,	08/18/85-03/23/89	7 ##	0.	0.708	2.176	0.	0.898	0.948	**	**	**	**
31501 GM COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			5.102								
31616 FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/18/85-03/23/89	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
31616 LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/18/85-03/23/89	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
31616 GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.								

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

EPA Water Quality Criteria Analysis for Station: CANY0251

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	12	0	0.00	5	0	0.00	6	0	0.00	1	0	0.00			
00400 PH	Fresh Chronic	9.	12	0	0.00	5	0	0.00	6	0	0.00	1	0	0.00			
	Other-Lo Lim.	6.5	12	1	0.08	5	0	0.00	6	1	0.17	1	0	0.00			
00620 NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	12	0	0.00	5	0	0.00	6	0	0.00	1	0	0.00			
00940 CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	6	0	0.00	3	0	0.00	3	0	0.00						
	Drinking Water	250.	6	0	0.00	3	0	0.00	3	0	0.00						
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	250.	11	0	0.00	4	0	0.00	6	0	0.00	1	0	0.00			
01042 COPPER, TOTAL	Fresh Acute	18.	0 &	0	0.00												
	Drinking Water	1300.	12	0	0.00	5	0	0.00	6	0	0.00	1	0	0.00			
31501 COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	7	0	0.00	4	0	0.00	2	0	0.00	1	0	0.00			
31616 FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	6	0	0.00	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: CANY0252

NPS Station ID: CANY0252 Location: TROUGH CANYON SPRING Station Type: /TYPA/AMBNT/SPRING RMI-Indexes: RMI-Miles: HUC: 14030005 Major Basin: COLORADO RIVER Minor Basin: UPPER COLORADO RIVER RF1 Index: 14030005 RF3 Index: 14070004002901.17 Description: THE STATION IS LOCATED ON THE TROUGH SPRINGS CANYON UTAH 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT TROUGH CANYON SPRING OUTSIDE THE CANYONLANDS NATIONAL PARK. THE DATA ARE FROM THE REPORT "GROUND WATER RESOURCES IN THE PART OF CANYONLANDS NATIONAL PARK EAST OF THE COLORADO RIVER AND CONTIGUOUS BUREAU OF LAND MANAGEMENT LANDS, UTAH" BY H.R. RICHTER, JR. (APRIL 1980). THE PURPOSE OF THE REPORT IS "TO (1) DESCRIBE THE OCCURRENCE AND CIRCULATION OF GROUND WATER AND (2) IDENTIFY POTENTIALLY DEVELOPABLE GROUND WATER SUPPLIES." FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT CANYONLANDS NATIONAL PARK; 2282 S. WEST RESOURCE BLVD.; MOAB UT 84532 (TEL. 801-259-7164). DATA WERE PROCESSED AND UPLOADED TO STORET BY LISA DUMMER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).	LAT/LON: 38.421976/-109.576281 Depth of Water: 0 Elevation: 0 RF1 Mile Point: 0.000 RF3 Mile Point: 2.36	Agency: 11NPSWRD FIPS State/County: 49037 UTAH/SAN JUAN STORET Station ID(s): CANY_NPS_05 Within Park Boundary: No Aquifer: Water Body Id: ECO Region: Distance from RF1: 0.80 Distance from RF3: 0.11

Date Created: 08/02/99

On/Off RF1:
On/Off RF3:

Parameter Inventory for Station: CANY0252

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/13/78-06/13/78	1	23.	23.	23.	23.	0.	0.	**	**	**	**
00058 FLOW, RATE GALLONS/MIN	06/13/78-06/13/78	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/13/78-06/13/78	1	540.	540.	540.	540.	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	06/13/78-06/13/78	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	06/13/78-06/13/78	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/13/78-06/13/78	1	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
00440 BICARBONATE ION (MG/L AS HCO3)	06/13/78-06/13/78	1	290.	290.	290.	290.	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	06/13/78-06/13/78	1	220.	220.	220.	220.	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	06/13/78-06/13/78	1	35.	35.	35.	35.	0.	0.	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	06/13/78-06/13/78	1	33.	33.	33.	33.	0.	0.	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	06/13/78-06/13/78	1	28.	28.	28.	28.	0.	0.	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	06/13/78-06/13/78	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	06/13/78-06/13/78	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00946 SULFATE, DISSOLVED (MG/L AS SO4)	06/13/78-06/13/78	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	06/13/78-06/13/78	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SiO2)	06/13/78-06/13/78	1	12.	12.	12.	12.	0.	0.	**	**	**	**
01020 BORON, DISSOLVED (UG/L AS B)	06/13/78-06/13/78	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
70300 RESIDUE, TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/13/78-06/13/78	1	284.	284.	284.	284.	0.	0.	**	**	**	**
71851 NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/13/78-06/13/78	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: CANY0252

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
							Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	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
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
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: CANY0253

NPS Station ID: CANY0253
Location: C17239
Station Type: /TYPA/AMBNT/STREAM
RMI-Indexes:
RMI-Miles:
HUC: 14030005
Major Basin: COLORADO RIVER
Minor Basin: UPPER COLORADO RIVER
RF1 Index: 14030005
RF3 Index: 14070004002901.17
Description:
THE STATION IS LOCATED ON THE TROUGH SPRINGS CANYON UTAH 7.5 MINUTE OF THE CANYONLANDS NATIONAL PARK. EACH SAMPLE WAS FILTERED THROUGH A ONE WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE U.S. GEOLOGICAL EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY DATA BASE INCLUDES STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND NAME. THE "LASLID" ENTRY (LOS ALAMOS SCIENTIFIC LABORATORY SAMPLE ANALYZED BY LOS ALAMOS SCIENTIFIC LABORATORY. DATA WERE PROCESSED AND SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

LAT/LON: 38.422503/-109.576699

Depth of Water: 0
Elevation: 0

RF1 Mile Point: 0.000
RF3 Mile Point: 2.36

Agency: 11NPSWRD
FIPS State/County: 49037 UTAH/SAN JUAN
STORET Station ID(s): CANY_NURE_24 /1041171
Within Park Boundary: No

Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.80
Distance from RF3: 0.11

Date Created: 01/30/99

On/Off RF1:
On/Off RF3:

Parameter Inventory for Station: CANY0253

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/78-06/22/78	1	12.9	12.9	12.9	12.9	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/22/78-06/22/78	1	1075.	1075.	1075.	1075.	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	06/22/78-06/22/78	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	06/22/78-06/22/78	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/22/78-06/22/78	1	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS CA)	06/22/78-06/22/78	1	47.2	47.2	47.2	47.2	0.	0.	**	**	**	**
01030 CHROMIUM, DISSOLVED (UG/L AS CR)	06/22/78-06/22/78	1	32.	32.	32.	32.	0.	0.	**	**	**	**
01035 COBALT, DISSOLVED (UG/L AS CO)	06/22/78-06/22/78	1	314.	314.	314.	314.	0.	0.	**	**	**	**
01040 COPPER, DISSOLVED (UG/L AS CU)	06/22/78-06/22/78	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01046 IRON, DISSOLVED (UG/L AS FE)	06/22/78-06/22/78	1	70.	70.	70.	70.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0253

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
							Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	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
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

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

Station Inventory for Station: CANY0254

NPS Station ID: CANY0254 Location: SLCH501R Station Type: /TYPA/AMBNT/SPRING RMI-Indexes: RMI-Miles: HUC: 14060008 Major Basin: COLORADO RIVER Minor Basin: GREEN RIVER RF1 Index: 14060008 RF3 Index: 14070004002901.17 Description: THE STATION IS LOCATED ON THE SUGARLOAF BUTTE UTAH 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT A SPRING AND IS OUTSIDE THE GLEN CANYON NATIONAL RECREATION AREA. EACH SAMPLE WAS FILTERED THROUGH A LESS THAN OR EQUAL TO 0.8 UM FILTER 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 STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "SRLID" 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 LISA DUMMER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).	LAT/LON: 38.423003/-110.152198 Depth of Water: 0 Elevation: 0 RF1 Mile Point: 0.000 RF3 Mile Point: 2.36	Agency: 11NPSWRD FIPS State/County: 49055 UTAH/WAYNE STORET Station ID(s): GLCA_NURE_13 /5079398 Within Park Boundary: No Aquifer: Water Body Id: ECO Region: Distance from RF1: 0.80 Distance from RF3: 0.11

Date Created: 01/30/99

On/Off RF1:
On/Off RF3:

Parameter Inventory for Station: CANY0254

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/23/79-05/23/79	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/23/79-05/23/79	1	6000.	6000.	6000.	6000.	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	05/23/79-05/23/79	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	05/23/79-05/23/79	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/23/79-05/23/79	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	05/23/79-05/23/79	1	155.	155.	155.	155.	0.	0.	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	05/23/79-05/23/79	1	655.8	655.8	655.8	655.8	0.	0.	**	**	**	**
01085 VANADIUM, DISSOLVED (UG/L AS V)	05/23/79-05/23/79	1	112.	112.	112.	112.	0.	0.	**	**	**	**
22703 URANIUM, NATURAL, DISSOLVED	05/23/79-05/23/79	1	192.02	192.02	192.02	192.02	0.	0.	**	**	**	**
50700 FLUORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	05/23/79-05/23/79	1	1037.	1037.	1037.	1037.	0.	0.	**	**	**	**
50761 BROMINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	05/23/79-05/23/79	1	9806.	9806.	9806.	9806.	0.	0.	**	**	**	**
82041 HELIUM, DISSOLVED IN WATER (UG/L AS HE)	05/23/79-05/23/79	1	7100.	7100.	7100.	7100.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0254

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
							Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	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	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: CANY0255

NPS Station ID: CANY0255
 Location: WINDY POINT SPRING T27S R16E S34 NE1/4 NW1/4
 Station Type: /TYPA/AMBNT/SPRING
 RMI-Indexes:
 RMI-Miles:
 HUC: 14060008
 Major Basin:
 Minor Basin:
 RF1 Index:
 RF3 Index: 14070004002901.17
 Description:

LAT/LON: 38.423500/-110.152167

Depth of Water: 0
 Elevation: 0

RF1 Mile Point: 0.000
 RF3 Mile Point: 2.36

Agency: 21UTAH
 FIPS State/County: 49055 UTAH/WAYNE
 STORET Station ID(s): 599245
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.80
 Distance from RF3: 0.11

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: CANY0255

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/14/80-04/24/81	2	17.5	17.5	27.	8.	180.5	13.435	**	**	**
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	11/14/80-04/24/81	2	340.	340.	390.	290.	5000.	70.711	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/24/81-04/24/81	1	5.1	5.1	5.1	5.1	0.	0.	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	11/14/80-04/24/81	2	8.5	8.5	8.6	8.4	0.02	0.141	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	11/14/80-04/24/81	2	8.489	8.489	8.6	8.4	0.02	0.142	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/14/80-04/24/81	2	0.003	0.003	0.004	0.003	0.	0.001	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	11/14/80-04/24/81	2	198.	198.	206.	190.	128.	11.314	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	11/14/80-04/24/81	2	241.56	241.56	251.32	231.8	190.515	13.803	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	11/14/80-04/24/81	2	0.06	0.06	0.09	0.03	0.002	0.042	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/14/80-04/24/81	2	0.02	0.02	0.02	0.02	0.	0.	**	**	**
00916	CALCIUM, TOTAL (MG/L AS Ca)	11/14/80-04/24/81	2	40.8	40.8	41.6	40.	1.28	1.131	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	11/14/80-04/24/81	2	20.78	20.78	22.56	19.	6.337	2.517	**	**	**
00929	SODIUM, TOTAL (MG/L AS Na)	11/14/80-04/24/81	2	4.5	4.5	5.	4.	0.5	0.707	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	11/14/80-04/24/81	2	3.89	3.89	5.3	2.48	3.976	1.994	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	11/14/80-04/24/81	2	1.5	1.5	2.	1.	0.5	0.707	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	11/14/80-04/24/81	2	6.75	6.75	7.5	6.	1.125	1.061	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SiO2)	11/14/80-04/24/81	2	16.25	16.25	18.5	14.	10.125	3.182	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	11/14/80-04/24/81	2	32.	32.	35.	29.	18.	4.243	**	**	**
01027	CADMIUM, TOTAL (UG/L AS Cd)	11/14/80-04/24/81	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	11/14/80-04/24/81	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
01037	COBALT, TOTAL (UG/L AS CO)	11/14/80-04/24/81	2	10.	10.	16.	4.	72.	8.485	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	11/14/80-04/24/81	2	7.5	7.5	10.	5.	12.5	3.536	**	**	**
01051	LEAD, TOTAL (UG/L AS Pb)	11/14/80-04/24/81	2 ##	1.25	1.25	2.	0.5	1.125	1.061	**	**	**
01062	MOLYBDENUM, TOTAL (UG/L AS MO)	11/14/80-04/24/81	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
01067	NICKEL, TOTAL (UG/L AS Ni)	11/14/80-04/24/81	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
01092	ZINC, TOTAL (UG/L AS Zn)	11/14/80-04/24/81	2	12.5	12.5	20.	5.	112.5	10.607	**	**	**
01147	SELENIUM, TOTAL (UG/L AS Se)	11/14/80-04/24/81	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/14/80-04/24/81	2	131.5	131.5	261.	2.	33540.5	183.141	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	11/14/80-04/24/81	2	1.359	1.359	2.417	0.301	2.238	1.496	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			22.847							
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	11/14/80-04/24/81	2	257.5	257.5	310.	205.	5512.5	74.246	**	**	**
71900	MERCURY, TOTAL (UG/L AS Hg)	11/14/80-04/24/81	2 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**
82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	11/14/80-04/24/81	2 ##	500.	500.	500.	500.	0.	0.	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0255

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00							1	0	0.00			
00406 PH, FIELD	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			
00620 NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00				1	0	0.00	1	0	0.00			
00941 CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	250.	2	0	0.00				1	0	0.00	1	0	0.00			
00946 SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	2	0	0.00				1	0	0.00	1	0	0.00			
01002 ARSENIC, TOTAL	Fresh Acute	360.	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	50.	2	0	0.00				1	0	0.00	1	0	0.00			
01027 CADMIUM, TOTAL	Fresh Acute	3.9	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	5.	2	0	0.00				1	0	0.00	1	0	0.00			
01034 CHROMIUM, TOTAL	Drinking Water	100.	2	0	0.00				1	0	0.00	1	0	0.00			
01042 COPPER, TOTAL	Fresh Acute	18.	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	1300.	2	0	0.00				1	0	0.00	1	0	0.00			
01051 LEAD, TOTAL	Fresh Acute	82.	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	15.	2	0	0.00				1	0	0.00	1	0	0.00			
01067 NICKEL, TOTAL	Fresh Acute	1400.	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	100.	2	0	0.00				1	0	0.00	1	0	0.00			
01092 ZINC, TOTAL	Fresh Acute	120.	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	5000.	2	0	0.00				1	0	0.00	1	0	0.00			
01147 SELENIUM, TOTAL	Fresh Acute	20.	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	50.	2	0	0.00				1	0	0.00	1	0	0.00			
31506 COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	2	0	0.00				1	0	0.00	1	0	0.00			
71900 MERCURY, TOTAL	Fresh Acute	2.4	2	0	0.00				1	0	0.00	1	0	0.00			
	Drinking Water	2.	2	0	0.00				1	0	0.00	1	0	0.00			

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

Station Inventory for Station: CANY0256

NPS Station ID: CANY0256

Location: C17805

Station Type: /TYPA/AMBNT/SPRING

RMI-Indexes:

RMI-Miles:

HUC: 14060008

Major Basin: COLORADO RIVER

Minor Basin: GREEN RIVER

RF1 Index: 14060008

RF3 Index: 14070004002901.17

Description:

THE STATION IS LOCATED ON THE UPHEAVAL DOME UTAH 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT A SPRING AND IS INSIDE OF THE CANYONLANDS NATIONAL PARK. EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO ONE WITH REAGENT-GRADE NITRIC ACID. 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 STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "LASLID" ENTRY (LOS ALAMOS SCIENTIFIC LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY LISA DUMMER; NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

LAT/LON: 38.430003/-109.905615

Depth of Water: 0

Elevation: 0

RF1 Mile Point: 0.000

RF3 Mile Point: 2.36

Agency: 11NPSWRD

FIPS State/County: 49037 UTAH/SAN JUAN

STORET Station ID(s): CANY_NURE_07/1041276

Within Park Boundary: Yes

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 0.80

Distance from RF3: 0.11

Date Created: 01/30/99

On/Off RF1:

On/Off RF3:

Parameter Inventory for Station: CANY0256

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/05/78-10/05/78	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/05/78-10/05/78	1	298.	298.	298.	298.	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	10/05/78-10/05/78	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	10/05/78-10/05/78	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/05/78-10/05/78	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS CA)	10/05/78-10/05/78	1	31.7	31.7	31.7	31.7	0.	0.	**	**	**	**
01030 CHROMIUM, DISSOLVED (UG/L AS CR)	10/05/78-10/05/78	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01035 COBALT, DISSOLVED (UG/L AS CO)	10/05/78-10/05/78	1	165.	165.	165.	165.	0.	0.	**	**	**	**
01040 COPPER, DISSOLVED (UG/L AS CU)	10/05/78-10/05/78	1	11.	11.	11.	11.	0.	0.	**	**	**	**
01046 IRON, DISSOLVED (UG/L AS FE)	10/05/78-10/05/78	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

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EPA Water Quality Criteria Analysis for Station: CANY0256

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
							Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	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									
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									

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

Station Inventory for Station: CANY0257

NPS Station ID: CANY0257
 Location: KANE SPRINGS CANYON SPRING
 Station Type: /TYP/AMBNT/SPRING
 RMI-Indexes:
 RMI-Miles:
 HUC: 14030005
 Major Basin: COLORADO RIVER
 Minor Basin: UPPER COLORADO RIVER
 RF1 Index: 14030005
 RF3 Index: 14070004002901.17

LAT/LON: 38.435892/-109.532115

Depth of Water: 0
 Elevation: 0

RF1 Mile Point: 0.000
 RF3 Mile Point: 2.36

Agency: 11NPSWRD
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): CANY_NPS_04
 Within Park Boundary: No

Date Created: 08/02/99

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.80
 Distance from RF3: 0.11

On/Off RF1:
 On/Off RF3:

Description:
 THE STATION IS LOCATED ON THE TROUGH SPRINGS CANYON UTAH 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT KANE SPRINGS CANYON SPRING OUTSIDE THE CANYONLANDS NATIONAL PARK. THE DATA ARE FROM THE REPORT "GROUND WATER RESOURCES IN THE PART OF CANYONLANDS NATIONAL PARK EAST OF THE COLORADO RIVER AND CONTIGUOUS BUREAU OF LAND MANAGEMENT LANDS; UTAH" BY H.R. RICHTER, JR. (APRIL 1980). THE PURPOSE OF THE REPORT IS "TO (1) DESCRIBE THE OCCURRENCE AND CIRCULATION OF GROUND WATER AND (2) IDENTIFY POTENTIALLY DEVELOPABLE GROUND WATER SUPPLIES." FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT CANYONLANDS NATIONAL PARK; 2282 S. WEST RESOURCE BLVD.; MOAB UT 84532 (TEL. 801-259-7164). DATA WERE PROCESSED AND UPLOADED TO STORET BY LISA DUMMER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: CANY0257

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/12/78-06/12/78	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/12/78-06/12/78	1	478.	478.	478.	478.	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	06/12/78-06/12/78	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	06/12/78-06/12/78	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/12/78-06/12/78	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00440 BICARBONATE ION (MG/L AS HCO3)	06/12/78-06/12/78	1	170.	170.	170.	170.	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	06/12/78-06/12/78	1	170.	170.	170.	170.	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	06/12/78-06/12/78	1	32.	32.	32.	32.	0.	0.	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	06/12/78-06/12/78	1	23.	23.	23.	23.	0.	0.	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	06/12/78-06/12/78	1	30.	30.	30.	30.	0.	0.	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	06/12/78-06/12/78	1	3.9	3.9	3.9	3.9	0.	0.	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	06/12/78-06/12/78	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00946 SULFATE, DISSOLVED (MG/L AS SO4)	06/12/78-06/12/78	1	60.	60.	60.	60.	0.	0.	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	06/12/78-06/12/78	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SiO2)	06/12/78-06/12/78	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01020 BORON, DISSOLVED (UG/L AS B)	06/12/78-06/12/78	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
70300 RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	06/12/78-06/12/78	1	270.	270.	270.	270.	0.	0.	**	**	**	**
71851 NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/12/78-06/12/78	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: CANY0257

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
							Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	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
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
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: CANY0258

NPS Station ID: CANY0258 Location: DRIPPING SPRING Station Type: /TYP/AMBNT/SPRING RMI-Indexes: RMI-Miles: HUC: 14030005 Major Basin: COLORADO RIVER Minor Basin: UPPER COLORADO RIVER RF1 Index: 14030005 RF3 Index: 14070004002901.17 Description: THE STATION IS LOCATED ON THE SHAFER BASIN UTAH 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT DRIPPING SPRING OUTSIDE THE CANYONLANDS NATIONAL PARK. THE DATA ARE FROM THE REPORT "GROUND WATER RESOURCES IN THE PART OF CANYONLANDS NATIONAL PARK EAST OF THE COLORADO RIVER AND CONTIGUOUS BUREAU OF LAND MANAGEMENT LANDS; UTAH" BY H.R. RICHTER, JR. (APRIL 1980). THE PURPOSE OF THE REPORT IS "TO (1) DESCRIBE THE OCCURRENCE AND CIRCULATION OF GROUND WATER AND (2) IDENTIFY POTENTIALLY DEVELOPABLE GROUND WATER SUPPLIES." FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT CANYONLANDS NATIONAL PARK; 2282 S. WEST RESOURCE BLVD.; MOAB UT 84532 (TEL. 801-259-7164). DATA WERE PROCESSED AND UPLOADED TO STORET BY LISA DUMMER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).	LAT/LON: 38.438393/-109.641170 Depth of Water: 0 Elevation: 0 RF1 Mile Point: 0.000 RF3 Mile Point: 2.36	Agency: 11NPSWRD FIPS State/County: 49037 UTAH/SAN JUAN STORET Station ID(s): CANY_NPS_03 Within Park Boundary: No Aquifer: Water Body Id: ECO Region: Distance from RF1: 0.80 Distance from RF3: 0.11

Date Created: 08/02/99

On/Off RF1:
On/Off RF3:

Parameter Inventory for Station: CANY0258

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/15/78-06/15/78	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/15/78-06/15/78	1	1730.	1730.	1730.	1730.	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	06/15/78-06/15/78	1	8.5	8.5	8.5	8.5	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	06/15/78-06/15/78	1	8.5	8.5	8.5	8.5	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/15/78-06/15/78	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00440 BICARBONATE ION (MG/L AS HCO3)	06/15/78-06/15/78	1	250.	250.	250.	250.	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	06/15/78-06/15/78	1	290.	290.	290.	290.	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	06/15/78-06/15/78	1	41.	41.	41.	41.	0.	0.	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	06/15/78-06/15/78	1	45.	45.	45.	45.	0.	0.	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	06/15/78-06/15/78	1	240.	240.	240.	240.	0.	0.	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	06/15/78-06/15/78	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	06/15/78-06/15/78	1	220.	220.	220.	220.	0.	0.	**	**	**	**
00946 SULFATE, DISSOLVED (MG/L AS SO4)	06/15/78-06/15/78	1	211.	211.	211.	211.	0.	0.	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	06/15/78-06/15/78	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SiO2)	06/15/78-06/15/78	1	14.	14.	14.	14.	0.	0.	**	**	**	**
01020 BORON, DISSOLVED (UG/L AS B)	06/15/78-06/15/78	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
70300 RESIDUE, TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/15/78-06/15/78	1	1010.	1010.	1010.	1010.	0.	0.	**	**	**	**
71851 NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/15/78-06/15/78	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: CANY0258

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
							Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	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
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
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00										1	0	0.00

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

Station Inventory for Station: CANY0259

NPS Station ID: CANY0259	LAT/LON: 38.438615/-109.641698	Agency: 11NPSWRD	Date Created: 01/30/99
Location: C17302		FIPS State/County: 49037 UTAH/SAN JUAN	
Station Type: /TYPA/AMBNT/STREAM		STORET Station ID(s): CANY_NURE_23 /1041189	
RMI-Indexes:		Within Park Boundary: No	
RMI-Miles:			
HUC: 14030005	Depth of Water: 0	Aquifer:	
Major Basin: COLORADO RIVER	Elevation: 0	Water Body Id:	
Minor Basin: UPPER COLORADO RIVER		ECO Region:	
RF1 Index: 14030005	RF1 Mile Point: 0.000	Distance from RF1: 0.80	On/Off RF1:
RF3 Index: 14070004002901.17	RF3 Mile Point: 2.36	Distance from RF3: 0.11	On/Off RF3:
Description: THE STATION IS LOCATED ON THE SHAFER BASIN UTAH 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT A STREAM AND IS OUTSIDE OF THE CANYONLANDS NATIONAL PARK. EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO ONE WITH REAGENT-GRADE NITRIC ACID. 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 STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "LASLID" ENTRY (LOS ALAMOS SCIENTIFIC LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY LISA DUMMER; NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).			

Parameter Inventory for Station: CANY0259

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/25/78-06/25/78	1	24.2	24.2	24.2	24.2	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/25/78-06/25/78	1	250.	250.	250.	250.	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	06/25/78-06/25/78	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	06/25/78-06/25/78	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/25/78-06/25/78	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS CA)	06/25/78-06/25/78	1	43.8	43.8	43.8	43.8	0.	0.	**	**	**	**
01030 CHROMIUM, DISSOLVED (UG/L AS CR)	06/25/78-06/25/78	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01035 COBALT, DISSOLVED (UG/L AS CO)	06/25/78-06/25/78	1 ##	27.5	27.5	27.5	27.5	0.	0.	**	**	**	**
01040 COPPER, DISSOLVED (UG/L AS CU)	06/25/78-06/25/78	1	11.	11.	11.	11.	0.	0.	**	**	**	**
01046 IRON, DISSOLVED (UG/L AS FE)	06/25/78-06/25/78	1	159.	159.	159.	159.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0259

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
							Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	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
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

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

Station Inventory for Station: CANY0260

NPS Station ID: CANY0260 LAT/LON: 38.438500/-110.226333

Location: HORSESHOE CN SPG 2MI AB CNFL/ WATER CN UPPER HSC

Station Type: /TYPA/AMBNT/SPRING

RMI-Indexes:

RMI-Miles:

HUC: 14060008

Major Basin:

Minor Basin:

RF1 Index:

RF3 Index: 14060008016500.00

Description:

WATER QUALITY STATION IS LOCATED IN CANYONLANDS NP. THIS PARK IS

SAMPLES WERE COLLECTED BY CANYONLANDS NATIONAL PARK NATURAL RESOURCE

435-259-3911); ANALYZED BY THE UTAH DEPARTMENT OF HEALTH LABORATORY;

QUALITY - DIVISION OF WATER QUALITY. DATA COLLECTED AT THE SAME

Depth of Water: 0

Elevation: 0

RF1 Mile Point: 0.000

RF3 Mile Point: 0.55

Agency: 21UTAH

FIPS State/County: 49055 UTAH/WAYNE

STORET Station ID(s): 599555

Within Park Boundary: Yes

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 2.20

Distance from RF3: 0.02

Date Created: / /

On/Off RF1:

On/Off RF3:

Parameter Inventory for Station: CANY0260

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/27/90-05/05/92	3	12.	14.733	21.9	10.3	39.243	6.264	**	**	**	**
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/23/91-05/05/92	2	24.55	24.55	30.	19.1	59.405	7.707	**	**	**	**
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/27/90-05/05/92	4	2.2	3.125	7.1	1.	7.882	2.808	**	**	**	**
00094 SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/27/90-05/05/92	3	527.	379.667	563.	49.	82329.333	286.931	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/27/90-05/05/92	4	568.5	563.75	582.	536.	384.25	19.602	**	**	**	**
00191 HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	10/27/90-05/05/92	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	10/27/90-05/05/92	3	6.9	6.633	9.9	3.1	11.613	3.408	**	**	**	**
00400 PH (STANDARD UNITS)	10/27/90-05/05/92	4	8.	8.	8.1	7.9	0.007	0.082	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	10/27/90-05/05/92	4	8.	7.994	8.1	7.9	0.007	0.082	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/27/90-05/05/92	4	0.01	0.01	0.013	0.008	0.	0.002	**	**	**	**
00405 CARBON DIOXIDE (MG/L AS CO2)	10/27/90-05/05/92	4	4.	4.25	6.	3.	1.583	1.258	**	**	**	**
00406 PH, FIELD, STANDARD UNITS SU	10/27/90-05/05/92	3	7.4	7.633	8.4	7.1	0.463	0.681	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS	10/27/90-05/05/92	3	7.4	7.386	8.4	7.1	0.555	0.745	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/27/90-05/05/92	3	0.04	0.041	0.079	0.004	0.001	0.038	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	10/27/90-05/05/92	4	262.	258.5	274.	236.	273.667	16.543	**	**	**	**
00440 BICARBONATE ION (MG/L AS HCO3)	10/27/90-05/05/92	4	319.	315.25	335.	288.	410.917	20.271	**	**	**	**
00445 CARBONATE ION (MG/L AS CO3)	10/27/90-05/05/92	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/27/90-05/05/92	4	2.	19.75	75.	0.	1360.25	36.882	**	**	**	**
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/27/90-05/05/92	4 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00613 NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/27/90-10/27/90	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00618 NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/27/90-10/27/90	1	0.69	0.69	0.69	0.69	0.	0.	**	**	**	**
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/27/90-05/05/92	4	0.1	0.087	0.1	0.05	0.001	0.025	**	**	**	**
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/23/91-09/23/91	1	0.214	0.214	0.214	0.214	0.	0.	**	**	**	**
00631 NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/14/91-05/05/92	3	0.234	0.303	0.461	0.214	0.019	0.137	**	**	**	**
00665 PHOSPHORUS, TOTAL (MG/L AS P)	10/27/90-05/05/92	4 ##	0.005	0.014	0.04	0.005	0.	0.018	**	**	**	**
00666 PHOSPHORUS, DISSOLVED (MG/L AS P)	10/27/90-05/05/92	4 ##	0.008	0.021	0.062	0.005	0.001	0.028	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	10/27/90-05/05/92	4	278.4	276.5	287.4	261.8	120.867	10.994	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	10/27/90-05/05/92	4	39.	39.5	46.	34.	27.	5.196	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	10/27/90-05/05/92	4	44.	43.25	46.	39.	9.583	3.096	**	**	**	**

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

Parameter Inventory for Station: CANY0260

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/27/90-05/05/92	4	14.5	14.25	15.	13.	0.917	0.957	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/27/90-05/05/92	4	6.65	6.6	7.1	6.	0.207	0.455	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/27/90-05/05/92	4	12.	11.375	12.1	9.4	1.736	1.318	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	10/27/90-05/05/92	4	42.137	41.568	45.	37.	13.412	3.662	**	**	**	**
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	10/27/90-05/05/92	4 ##	2.5	2.	2.5	0.5	1.	1.	**	**	**	**
61027	ANIONS, SUM, TOTAL IN WATER MG/L	09/23/91-05/05/92	2	207.	207.	216.	198.	162.	12.728	**	**	**	**
61944	CATIONS, SUM, TOTAL IN WATER, MG/L	09/23/91-05/05/92	2	105.5	105.5	106.	105.	0.5	0.707	**	**	**	**
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	10/27/90-05/05/92	4	317.	317.	322.	312.	22.667	4.761	**	**	**	**
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/27/90-05/05/92	4 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	10/27/90-05/05/92	4	0.24	0.233	0.27	0.18	0.001	0.039	**	**	**	**
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/27/90-05/05/92	4 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/27/90-05/05/92	4 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/27/90-05/05/92	4 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	10/27/90-05/05/92	4	0.043	0.057	0.11	0.032	0.001	0.036	**	**	**	**
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/27/90-05/05/92	4 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/27/90-05/05/92	4	165.	165.5	260.	72.	6707.667	81.9	**	**	**	**
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/27/90-05/05/92	4 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/27/90-05/05/92	4 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/27/90-05/05/92	4 ##	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: CANY0260

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	3	1	0.33	1	0	0.00	1	1	1.00	1	0	0.00		
00400	PH	Fresh Chronic	9.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
		Other-Lo Lim.	6.5	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
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		
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1	0	0.00				1	0	0.00					
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00				1	0	0.00					
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00								
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	3	0	0.00	1	0	0.00			2	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
		Drinking Water	250.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE	Fresh Acute	20.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
		Drinking Water	50.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	360.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
		Drinking Water	50.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER	Drinking Water	2.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	3.9	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
		Drinking Water	5.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WAT	Drinking Water	100.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	18.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
		Drinking Water	1300.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	82.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
		Drinking Water	15.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	2.4	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
		Drinking Water	2.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	4.1	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
		Drinking Water	100.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	120.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00		
		Drinking Water	5000.	4	0	0.00	1	0	0.00	1	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: CANY0261

NPS Station ID: CANY0261 LAT/LON: 38.439281/-110.226420

Location: HORSESHOE CN SPG 2 MI AB CNFL/ WATER CN UPPER

Station Type: /TYP/AMBNT/SPRING

RMI-Indexes:

RMI-Miles:

HUC: 14060009

Major Basin: COLORADO RIVER

Minor Basin: GREEN RIVER

RF1 Index: 14060009

RF3 Index: 14070004002901.17

Description:

THE STATION IS LOCATED ON THE SUGARLOAF BUTTE UTAH 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. HORSESHOE UPPER IS A WASH SPRING AND IS LOCATED INSIDE THE CANYONLANDS NATIONAL PARK BOUNDARY. THE SAMPLES WERE COLLECTED AND ANALYZED BY NATIONAL PARK SERVICE PERSONNEL. THE MONITORING BEGAN IN RESPONSE TO A PROPOSED SITING OF A NUCLEAR WASTE REPOSITORY NEAR THE PARK AS STATED BY B. LONG AND R. SMITH IN THE REPORT "WATER QUALITY DATA ANALYSIS AND INTERPRETATION FOR SPRING MONITORING SITES SOUTHEAST UTAH GROUP" (AUGUST 1996). THE INITIAL MONITORING OBJECTIVES WERE TO ESTABLISH A BASELINE DATABASE; DETECT POTENTIAL CHANGES; AND IDENTIFY AREAS OF CONCERN. THE UTAH DEPARTMENT OF ENVIRONMENTAL QUALITY ANALYZED THE SAMPLES IN A COOPERATIVE EFFORT WITH THE PARK SERVICE BEGINNING 10/27/1990. THESE DATA CAN BE FOUND UNDER THE STATION 599555. DATA WERE PROCESSED AND UPLOADED TO STORET BY LISA DUMMER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Agency: 11NPSWRD

FIPS State/County: 49055 UTAH/WAYNE

STORET Station ID(s): CANY_NPS_599555/HSC1 /599555

Within Park Boundary: Yes

Date Created: 05/22/99

Depth of Water: 0

Elevation: 0

RF1 Mile Point: 0.000

RF3 Mile Point: 2.36

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 0.80

Distance from RF3: 0.11

On/Off RF1:

On/Off RF3:

Parameter Inventory for Station: CANY0261

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/27/84-05/12/90	7	15.5	15.143	19.1	10.3	8.986	2.998	**	**	**	**
00059 FLOW, RATE, INSTANTANEOUS GALLONS/MIN	10/02/86-10/02/86	1	40.5	40.5	40.5	40.5	0.	0.	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	10/02/86-10/02/86	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
00090 OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	05/12/90-05/12/90	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00094 SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	09/27/84-05/12/90	7	580.	589.714	682.	533.	2078.571	45.591	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	09/27/84-05/12/90	7	6.4	6.729	9.	4.3	2.419	1.555	**	**	**	**
00400 PH (STANDARD UNITS)	09/27/84-05/12/90	7	6.8	6.663	7.89	5.3	0.903	0.95	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	09/27/84-05/12/90	7	6.8	5.959	7.89	5.3	1.481	1.217	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/27/84-05/12/90	7	0.158	1.098	5.012	0.013	3.378	1.838	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	09/27/84-05/12/90	9	240.	234.944	376.	8.5	10338.528	101.679	8.5	212.5	302.5	376.
00480 SALINITY - PARTS PER THOUSAND	05/12/90-05/12/90	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	09/27/84-05/12/90	8 ##	0.05	0.061	0.14	0.05	0.001	0.032	**	**	**	**
00655 PHOSPHATE, POLY (MG/L AS PO4)	09/27/84-05/12/90	9	1.5	2.256	8.	0.75	5.297	2.302	0.75	0.825	2.75	8.
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	09/27/84-05/12/90	8	322.5	304.125	359.	239.	1848.696	42.996	**	**	**	**
00940 CHLORIDE, TOTAL IN WATER MG/L	06/30/87-05/12/90	5	53.	56.	83.	30.	534.5	23.119	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	09/27/84-05/12/90	9	34.	59.778	239.	24.	4654.944	68.227	24.	30.	55.	239.
01042 COPPER, TOTAL (UG/L AS CU)	09/27/84-05/12/90	9 ##	50.	186.667	1150.	50.	132350.	363.799	50.	50.	115.	1150.
01045 IRON, TOTAL (UG/L AS FE)	09/27/84-05/12/90	8 ##	50.	125.	400.	50.	20000.	141.421	**	**	**	**
01055 MANGANESE, TOTAL (UG/L AS MN)	09/27/84-05/12/90	8 ##	125.	200.	600.	50.	41428.571	203.54	**	**	**	**

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

Parameter Inventory for Station: CANY0261

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501 COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/05/85-06/14/88	3 ##	0.	53.333	160.	0.	8533.333	92.376	**	**	**	**
31501 LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/05/85-06/14/88	3 ##	0.	0.735	2.204	0.	1.619	1.273	**	**	**	**
31501 GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			5.429								
31616 FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/30/87-06/14/88	2 ##	2.5	2.5	5.	0.	12.5	3.536	**	**	**	**
31616 LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/30/87-06/14/88	2 ##	0.349	0.349	0.699	0.	0.244	0.494	**	**	**	**
31616 GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.236								

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

EPA Water Quality Criteria Analysis for Station: CANY0261

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	7	0	0.00	4	0	0.00				1	0	0.00	2	0	0.00
00400 PH	Fresh Chronic	9.	7	0	0.00	4	0	0.00				1	0	0.00	2	0	0.00
	Other-Lo Lim.	6.5	7	3	0.43	4	2	0.50				1	0	0.00	2	1	0.50
00620 NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	8	0	0.00	5	0	0.00				1	0	0.00	2	0	0.00
00940 CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	5	0	0.00	2	0	0.00				1	0	0.00	2	0	0.00
	Drinking Water	250.	5	0	0.00	2	0	0.00				1	0	0.00	2	0	0.00
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	250.	9	0	0.00	5	0	0.00				2	0	0.00	2	0	0.00
01042 COPPER, TOTAL	Fresh Acute	18.	2 &	2	1.00	1	1	1.00							1	1	1.00
	Drinking Water	1300.	9	0	0.00	5	0	0.00				2	0	0.00	2	0	0.00
31501 COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	3	0	0.00	1	0	0.00				1	0	0.00	1	0	0.00
31616 FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	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: CANY0262

NPS Station ID: CANY0262 LAT/LON: 38.440003/-109.839726

Location: CABIN SPRING 1.3 MI SW OF VISITOR CENTER

Station Type: /TYPA/AMBNT/SPRING

RMI-Indexes:

RMI-Miles:

HUC: 14060008

Major Basin: COLORADO RIVER

Minor Basin: UPPER COLORADO RIVER

RF1 Index: 14060008

RF3 Index: 14070004002901.17

Description:

THE STATION IS LOCATED ON THE MUSSELMAN ARCH UTAH 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. CABIN SPRING IS LOCATED INSIDE THE CANYONLANDS NATIONAL PARK BOUNDARY. THE SAMPLES WERE COLLECTED AND ANALYZED BY NATIONAL PARK SERVICE PERSONNEL. THE MONITORING BEGAN IN RESPONSE TO A PROPOSED SITING OF A NUCLEAR WASTE REPOSITORY NEAR THE PARK AS STATED BY B. LONG AND R. SMITH IN THE REPORT "WATER QUALITY DATA ANALYSIS AND INTERPRETATION FOR SPRING MONITORING SITES SOUTHEAST UTAH GROUP" (AUGUST 1996). THE INITIAL MONITORING OBJECTIVES WERE TO ESTABLISH A BASELINE DATABASE; DETECT POTENTIAL CHANGES; AND IDENTIFY AREAS OF CONCERN. THE UTAH DEPARTMENT OF ENVIRONMENTAL QUALITY ANALYZED THE SAMPLES IN A COOPERATIVE EFFORT WITH THE PARK SERVICE BEGINNING 10/4/1990. THESE DATA CAN BE FOUND UNDER THE STATION 599560. DATA WERE PROCESSED AND UPLOADED TO STORET BY LISA DUMMER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Agency: 11NPSWRD

FIPS State/County: 49037 UTAH/SAN JUAN

STORET Station ID(s): CANY_NPS_599560/CANY_TC2 /599560

Within Park Boundary: Yes

Date Created: 05/31/99

Depth of Water: 0

Elevation: 0

RF1 Mile Point: 0.000

RF3 Mile Point: 2.36

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 0.80

Distance from RF3: 0.11

On/Off RF1:

On/Off RF3:

Parameter Inventory for Station: CANY0262

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/22/84-03/22/90	12	11.	10.417	23.3	3.4	32.607	5.71	3.52	5.925	12.525	21.32
00059 FLOW, RATE, INSTANTANEOUS GALLONS/MIN	03/22/85-09/11/86	2	0.635	0.635	1.2	0.07	0.638	0.799	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	03/22/85-09/11/86	2	0.002	0.002	0.003	0.	0.	0.002	**	**	**	**
00090 OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	03/22/90-03/22/90	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00094 SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	09/22/84-03/22/90	12	287.5	346.167	710.	184.	32474.697	180.207	184.6	191.75	505.5	651.8
00300 OXYGEN, DISSOLVED MG/L	09/22/84-03/22/90	12	8.95	8.125	11.7	3.2	6.242	2.498	3.62	6.125	9.55	11.37
00400 PH (STANDARD UNITS)	09/22/84-03/22/90	12	7.2	6.654	7.9	4.5	1.502	1.226	4.56	5.388	7.563	7.885
00400 CONVERTED PH (STANDARD UNITS)	09/22/84-03/22/90	12	7.2	5.292	7.9	4.5	3.527	1.878	4.56	5.387	7.562	7.885
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/22/84-03/22/90	12	0.063	5.11	31.623	0.013	105.853	10.288	0.013	0.028	6.784	28.122
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	09/22/84-03/22/90	12	138.5	174.417	380.	100.	6367.902	79.799	100.9	124.25	227.	338.
00480 SALINITY - PARTS PER THOUSAND	03/22/90-03/22/90	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	09/22/84-03/22/90	11	0.3	0.623	3.8	0.05	1.148	1.071	0.05	0.18	0.5	3.18
00655 PHOSPHATE, POLY (MG/L AS PO4)	09/22/84-03/22/90	11	0.9	1.177	3.	0.05	0.771	0.878	0.1	0.6	2.	2.8
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	09/22/84-03/22/90	12	175.5	182.5	400.	100.	7847.364	88.585	100.9	107.25	239.75	358.
00940 CHLORIDE, TOTAL IN WATER MG/L	05/19/87-03/22/90	7	38.	53.	121.	23.	1182.667	34.39	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	09/22/84-03/22/90	11	10.	26.545	92.	2.5	996.573	31.569	2.5	2.5	60.	86.8
01042 COPPER, TOTAL (UG/L AS CU)	09/22/84-03/22/90	11 ##	50.	372.727	3600.	50.	1145681.818	1070.365	50.	50.	50.	2890.
01045 IRON, TOTAL (UG/L AS FE)	09/22/84-03/22/90	11 ##	50.	104.545	550.	50.	22727.273	150.756	50.	50.	50.	470.
01055 MANGANESE, TOTAL (UG/L AS MN)	09/22/84-03/22/90	11 ##	50.	159.091	600.	50.	33909.091	184.144	50.	50.	200.	560.

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

Parameter Inventory for Station: CANY0262

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501 COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/14/85-09/18/89	8 ##	0.	62.5	450.	0.	24821.429	157.548	**	**	**	**
31501 LOG COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,	08/14/85-09/18/89	8 ##	0.	0.544	2.653	0.	1.08	1.039	**	**	**	**
31501 GM COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.5								
31616 FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/14/85-09/18/89	8 ##	0.	36.25	250.	0.	7655.357	87.495	**	**	**	**
31616 LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/14/85-09/18/89	8 ##	0.	0.5	2.398	0.	0.902	0.95	**	**	**	**
31616 GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3.162								

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

EPA Water Quality Criteria Analysis for Station: CANY0262

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	12	1	0.08	6	1	0.17	5	0	0.00	1	0	0.00			
00400 PH	Fresh Chronic	9.	12	0	0.00	6	0	0.00	5	0	0.00	1	0	0.00			
	Other-Lo Lim.	6.5	12	4	0.33	6	2	0.33	5	1	0.20	1	1	1.00			
00620 NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	11	0	0.00	6	0	0.00	5	0	0.00						
00940 CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	7	0	0.00	3	0	0.00	3	0	0.00	1	0	0.00			
	Drinking Water	250.	7	0	0.00	3	0	0.00	3	0	0.00	1	0	0.00			
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	250.	11	0	0.00	6	0	0.00	5	0	0.00						
01042 COPPER, TOTAL	Fresh Acute	18.	1 &	1	1.00	1	1	1.00									
	Drinking Water	1300.	11	1	0.09	6	1	0.17	5	0	0.00						
31501 COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	8	0	0.00	5	0	0.00	2	0	0.00	1	0	0.00			
31616 FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	8	1	0.13	5	1	0.20	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: CANY0263

NPS Station ID: CANY0263
 Location: CABIN SPRING
 Station Type: /TYPA/AMBNT/SPRING
 RMI-Indexes:
 RMI-Miles:
 HUC: 14060008
 Major Basin: COLORADO RIVER
 Minor Basin: GREEN RIVER
 RF1 Index: 14060008
 RF3 Index: 14070004002901.17

LAT/LON: 38.440003/-109.839726

Depth of Water: 0
 Elevation: 5640

RF1 Mile Point: 0.000
 RF3 Mile Point: 2.36

Agency: 11NPSWRD
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): CANY_BLM_CBSP
 Within Park Boundary: Yes

Date Created: 08/07/99

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.80
 Distance from RF3: 0.11

On/Off RF1:
 On/Off RF3:

Description:
 THE STATION IS LOCATED ON THE MUSSELMAN ARCH UT 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT CABIN SPRING INSIDE THE CANYONLANDS NATIONAL PARK. THE DATA ARE FROM THE REPORT "ARCHES AND CANYONLANDS NATIONAL PARK AQUATIC STUDY" BY J. CONNOR (NPS) AND W.G. KEPNER (BLM) (1983). THE PURPOSE OF THE STUDY WAS TO MONITOR THE IMPACTS BY VISITORS IN THE BACKCOUNTRY TO WATER SOURCES IN THE PARKS. THE STUDY WAS A JOINT EFFORT BETWEEN THE NATIONAL PARK SERVICE AND THE BUREAU OF LAND MANAGEMENT. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT ARCHES NATIONAL PARK; P.O. BOX 907; MOAB UT 84532 (TEL. 801-259-8161). DATA WERE PROCESSED AND UPLOADED TO STORET BY LISA DUMMER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DR. SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: CANY0263

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/29/83-08/29/83	1	17.4	17.4	17.4	17.4	0.	0.	**	**	**	**
00094 SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	08/29/83-08/29/83	1	580.	580.	580.	580.	0.	0.	**	**	**	**
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/29/83-08/29/83	1	10.4	10.4	10.4	10.4	0.	0.	**	**	**	**
00406 PH, FIELD, STANDARD UNITS SU	08/29/83-08/29/83	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS	08/29/83-08/29/83	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/29/83-08/29/83	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	08/29/83-08/29/83	1	180.	180.	180.	180.	0.	0.	**	**	**	**
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	08/29/83-08/29/83	1	0.18	0.18	0.18	0.18	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	08/29/83-08/29/83	1	370.	370.	370.	370.	0.	0.	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	08/29/83-08/29/83	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: CANY0263

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00	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	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									

& - 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: CANY0263

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
							Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00945	SULFATE, TOTAL (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: CANY0264

NPS Station ID: CANY0264 LAT/LON: 38.440000/-109.839333

Location: CABIN SPRING 1.3 MI SW OF VISITORS CENTER: TC-2

Station Type: /TYPA/AMBNT/SPRING

RMI-Indexes:

RMI-Miles:

HUC: 14030005

Major Basin:

Minor Basin:

RF1 Index:

RF3 Index: 14030005020300.00

Description:

WATER QUALITY STATION IS LOCATED IN CANYONLANDS NP. THIS PARK IS

SAMPLES WERE COLLECTED BY CANYONLANDS NATIONAL PARK NATURAL RESOURCE

435-259-3911); ANALYZED BY THE UTAH DEPARTMENT OF HEALTH LABORATORY;

QUALITY - DIVISION OF WATER QUALITY. DATA COLLECTED AT THE SAME

Depth of Water: 0

Elevation: 0

RF1 Mile Point: 0.000

RF3 Mile Point: 0.00

Agency: 21UTAH

FIPS State/County: 49037 UTAH/SAN JUAN

STORET Station ID(s): 599560

Within Park Boundary: Yes

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 2.70

Distance from RF3: 0.02

Date Created: / /

On/Off RF1:

On/Off RF3:

Parameter Inventory for Station: CANY0264

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/90-04/18/92	4	10.85	10.725	12.9	8.3	4.149	2.037	**	**	**	**
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/04/90-04/18/92	4	0.435	0.41	0.5	0.27	0.01	0.102	**	**	**	**
00094 SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/04/90-04/18/92	4	194.	244.5	415.	175.	13054.333	114.256	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/04/90-04/18/92	4	189.5	248.25	434.	180.	15358.917	123.931	**	**	**	**
00191 HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	10/04/90-04/18/92	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	10/04/90-04/18/92	4	8.55	8.72	9.58	8.2	0.371	0.609	**	**	**	**
00400 PH (STANDARD UNITS)	10/04/90-04/18/92	4	7.9	7.9	8.1	7.7	0.033	0.183	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	10/04/90-04/18/92	4	7.889	7.872	8.1	7.7	0.034	0.185	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/04/90-04/18/92	4	0.013	0.013	0.02	0.008	0.	0.005	**	**	**	**
00405 CARBON DIOXIDE (MG/L AS CO2)	10/04/90-04/18/92	4	2.5	2.25	3.	1.	0.917	0.957	**	**	**	**
00406 PH, FIELD, STANDARD UNITS SU	10/04/90-04/18/92	4	7.95	7.89	8.	7.66	0.026	0.16	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS	10/04/90-04/18/92	4	7.947	7.866	8.	7.66	0.027	0.163	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/04/90-04/18/92	4	0.011	0.014	0.022	0.01	0.	0.006	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	10/04/90-04/18/92	4	87.	118.75	216.	85.	4204.917	64.845	**	**	**	**
00440 BICARBONATE ION (MG/L AS HCO3)	10/04/90-04/18/92	4	106.	145.	264.	104.	6295.333	79.343	**	**	**	**
00445 CARBONATE ION (MG/L AS CO3)	10/04/90-04/18/92	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/02/91-04/18/92	3	0.	1.	3.	0.	3.	1.732	**	**	**	**
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/04/90-04/18/92	4 ##	0.025	0.031	0.05	0.025	0.	0.013	**	**	**	**
00613 NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/04/90-10/04/90	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00618 NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/04/90-10/04/90	1	0.71	0.71	0.71	0.71	0.	0.	**	**	**	**
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/04/90-04/18/92	4 ##	0.185	0.255	0.6	0.05	0.069	0.263	**	**	**	**
00631 NITRITE PLUS NITRATE, DISS. I DET. (MG/L AS N)	05/02/91-04/18/92	3	0.865	0.588	0.894	0.005	0.255	0.505	**	**	**	**
00665 PHOSPHORUS, TOTAL (MG/L AS P)	10/04/90-04/18/92	4 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00666 PHOSPHORUS, DISSOLVED (MG/L AS P)	10/04/90-04/18/92	4 ##	0.005	0.006	0.008	0.005	0.	0.002	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	10/04/90-04/18/92	4	94.3	128.9	233.7	93.3	4881.813	69.87	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	10/04/90-04/18/92	4	26.5	35.75	64.	26.	354.917	18.839	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	10/04/90-04/18/92	4	6.95	9.65	18.	6.7	31.003	5.568	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	10/04/90-04/18/92	4	2.55	3.075	5.3	1.9	2.429	1.559	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	10/04/90-04/18/92	4	1.75	1.7	2.	1.3	0.1	0.316	**	**	**	**

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

Parameter Inventory for Station: CANY0264

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/04/90-04/18/92	4	3.8	4.975	9.3	3.	8.783	2.964	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	10/04/90-04/18/92	4	11.	12.925	22.9	6.8	58.809	7.669	**	**	**
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	10/04/90-04/18/92	4 ##	2.5	2.	2.5	0.5	1.	1.	**	**	**
61027	ANIONS, SUM, TOTAL IN WATER MG/L	08/12/91-04/18/92	2	70.	70.	77.	63.	98.	9.899	**	**	**
61944	CATIONS, SUM, TOTAL IN WATER, MG/L	08/12/91-04/18/92	2	37.	37.	37.	37.	0.	0.	**	**	**
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	10/04/90-04/18/92	4	116.	151.5	262.	112.	5433.	73.709	**	**	**
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/04/90-04/18/92	4	5.	4.625	6.	2.5	2.229	1.493	**	**	**
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	10/04/90-04/18/92	4	0.23	0.23	0.24	0.22	0.	0.008	**	**	**
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/04/90-04/18/92	4 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/04/90-04/18/92	4 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/04/90-04/18/92	4 ##	10.	10.	10.	10.	0.	0.	**	**	**
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	10/04/90-04/18/92	4 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/04/90-04/18/92	4 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/04/90-04/18/92	4 ##	5.45	9.85	26.	2.5	123.657	11.12	**	**	**
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/04/90-04/18/92	4 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/04/90-04/18/92	4 ##	1.	1.	1.	1.	0.	0.	**	**	**
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/04/90-04/18/92	4 ##	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: CANY0264

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
			Obs			Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	4	0	0.00	2	0	0.00			2	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	0	0.00	2	0	0.00			2	0	0.00			
00400	PH	Fresh Chronic	9.	4	0	0.00	2	0	0.00			2	0	0.00			
		Other-Lo Lim.	6.5	4	0	0.00	2	0	0.00			2	0	0.00			
00406	PH, FIELD	Fresh Chronic	9.	4	0	0.00	2	0	0.00			2	0	0.00			
		Other-Lo Lim.	6.5	4	0	0.00	2	0	0.00			2	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1	0	0.00	1	0	0.00								
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00	1	0	0.00								
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	3	0	0.00	1	0	0.00			2	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	4	0	0.00	2	0	0.00			2	0	0.00			
		Drinking Water	250.	4	0	0.00	2	0	0.00			2	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	4	0	0.00	2	0	0.00			2	0	0.00			
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE	Fresh Acute	20.	4	0	0.00	2	0	0.00			2	0	0.00			
		Drinking Water	50.	4	0	0.00	2	0	0.00			2	0	0.00			
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	360.	4	0	0.00	2	0	0.00			2	0	0.00			
		Drinking Water	50.	4	0	0.00	2	0	0.00			2	0	0.00			
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER	Drinking Water	2.	4	0	0.00	2	0	0.00			2	0	0.00			
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	3.9	4	0	0.00	2	0	0.00			2	0	0.00			
		Drinking Water	5.	4	0	0.00	2	0	0.00			2	0	0.00			
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WAT	Drinking Water	100.	4	0	0.00	2	0	0.00			2	0	0.00			
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	18.	4	0	0.00	2	0	0.00			2	0	0.00			
		Drinking Water	1300.	4	0	0.00	2	0	0.00			2	0	0.00			
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	82.	4	0	0.00	2	0	0.00			2	0	0.00			
		Drinking Water	15.	4	0	0.00	2	0	0.00			2	0	0.00			
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	2.4	4	0	0.00	2	0	0.00			2	0	0.00			
		Drinking Water	2.	4	0	0.00	2	0	0.00			2	0	0.00			
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	4.1	4	0	0.00	2	0	0.00			2	0	0.00			
		Drinking Water	100.	4	0	0.00	2	0	0.00			2	0	0.00			
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	120.	4	0	0.00	2	0	0.00			2	0	0.00			
		Drinking Water	5000.	4	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: CANY0265

NPS Station ID: CANY0265 LAT/LON: 38.441833/-109.824167

Location: NECK SPRING 1 MI S OF VISITOR CENTER TC-1

Station Type: /TYP/AMBNT/SPRING

RMI-Indexes:

RMI-Miles:

HUC: 14030005

Major Basin:

Minor Basin:

RF1 Index:

RF3 Index: 14060008040303.19

Description:

WATER QUALITY STATION IS LOCATED IN CANYONLANDS NP. THIS PARK IS

SAMPLES WERE COLLECTED BY CANYONLANDS NATIONAL PARK NATURAL RESOURCE

435-259-3911); ANALYZED BY THE UTAH DEPARTMENT OF HEALTH LABORATORY;

QUALITY - DIVISION OF WATER QUALITY. DATA COLLECTED AT THE SAME

Depth of Water: 0

Elevation: 0

RF1 Mile Point: 0.000

RF3 Mile Point: 4.20

Agency: 21UTAH

FIPS State/County: 49037 UTAH/SAN JUAN

STORET Station ID(s): 599561

Within Park Boundary: Yes

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 22.50

Distance from RF3: 0.04

Date Created: / /

On/Off RF1:

On/Off RF3:

MANAGED BY THE NATIONAL PARK SERVICE'S SOUTHEAST UTAH GROUP. WATER

MANAGEMENT STAFF (125 W. 200 S.; MOAB UT 84532; TELEPHONE:

AND ULOADED INTO STORET BY THE UTAH DEPARTMENT OF ENVIRONMENTAL

LOCATION PRIOR TO 10/4/1990 CAN BE FOUND AT STATION CANY_NPS_599561.

Parameter Inventory for Station: CANY0265

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/90-04/18/92	3	10.1	9.833	10.6	8.8	0.863	0.929	**	**	**	**
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/04/90-04/18/92	3	1.3	2.833	6.3	0.9	9.053	3.009	**	**	**	**
00094 SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/04/90-04/18/92	3	623.	502.333	679.	205.	67089.333	259.016	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/04/90-04/18/92	3	655.	594.	720.	407.	27283.	165.176	**	**	**	**
00191 HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	10/04/90-04/18/92	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	10/04/90-04/18/92	3	6.5	6.153	8.16	3.8	4.843	2.201	**	**	**	**
00400 PH (STANDARD UNITS)	10/04/90-04/18/92	3	7.7	7.833	8.1	7.7	0.053	0.231	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	10/04/90-04/18/92	3	7.7	7.797	8.1	7.7	0.055	0.235	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/04/90-04/18/92	3	0.02	0.016	0.02	0.008	0.	0.007	**	**	**	**
00405 CARBON DIOXIDE (MG/L AS CO2)	10/04/90-04/18/92	3	6.	7.333	11.	5.	10.333	3.215	**	**	**	**
00406 PH, FIELD, STANDARD UNITS SU	10/04/90-04/18/92	3	7.2	7.4	7.8	7.2	0.12	0.346	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS	10/04/90-04/18/92	3	7.2	7.325	7.8	7.2	0.129	0.358	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/04/90-04/18/92	3	0.063	0.047	0.063	0.016	0.001	0.027	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	10/04/90-04/18/92	3	348.	303.	356.	205.	7219.	84.965	**	**	**	**
00440 BICARBONATE ION (MG/L AS HCO3)	10/04/90-04/18/92	3	425.	370.	435.	250.	10825.	104.043	**	**	**	**
00445 CARBONATE ION (MG/L AS CO3)	10/04/90-04/18/92	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/04/90-04/18/92	3	4.	4.333	9.	0.	20.333	4.509	**	**	**	**
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/04/90-04/18/92	3 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/04/90-04/18/92	3	0.12	0.173	0.3	0.1	0.012	0.11	**	**	**	**
00631 NITRITE PLUS NITRATE, DISS. I DET. (MG/L AS N)	10/04/90-04/18/92	3 ##	0.005	0.003	0.005	0.	0.	0.003	**	**	**	**
00665 PHOSPHORUS, TOTAL (MG/L AS P)	10/04/90-04/18/92	3 ##	0.005	0.01	0.02	0.005	0.	0.009	**	**	**	**
00666 PHOSPHORUS, DISSOLVED (MG/L AS P)	05/02/91-04/18/92	2 ##	0.025	0.025	0.044	0.005	0.001	0.028	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	10/04/90-04/18/92	3	259.3	282.767	380.2	208.8	7757.503	88.077	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	10/04/90-04/18/92	3	66.	71.	93.	54.	399.	19.975	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	10/04/90-04/18/92	3	23.	25.667	36.	18.	86.333	9.292	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	10/04/90-04/18/92	3	7.3	8.1	12.	5.	12.73	3.568	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	10/04/90-04/18/92	3	4.	4.567	7.2	2.5	5.763	2.401	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	10/04/90-04/18/92	3	9.1	12.533	22.	6.5	68.903	8.301	**	**	**	**
00946 SULFATE, DISSOLVED (MG/L AS SO4)	10/04/90-04/18/92	3	18.	18.667	28.	10.	81.333	9.018	**	**	**	**

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

Parameter Inventory for Station: CANY0265

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	10/04/90-04/18/92	3 ##	2.5	1.833	2.5	0.5	1.333	1.155	**	**	**	**
61027	ANIONS, SUM, TOTAL IN WATER MG/L	04/18/92-04/18/92	1	236.	236.	236.	236.	0.	0.	**	**	**	**
61944	CATIONS, SUM, TOTAL IN WATER, MG/L	04/18/92-04/18/92	1	99.	99.	99.	99.	0.	0.	**	**	**	**
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	10/04/90-04/18/92	3	402.	360.667	450.	230.	13381.333	115.678	**	**	**	**
80110	SPECIFIC GRAVITY WATER-UNITY AT 4C	10/04/90-10/04/90	1	0.132	0.132	0.132	0.132	0.	0.	**	**	**	**
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/04/90-04/18/92	3 ##	2.5	3.333	5.	2.5	2.083	1.443	**	**	**	**
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	10/04/90-04/18/92	3	0.19	0.2	0.24	0.17	0.001	0.036	**	**	**	**
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/04/90-04/18/92	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/04/90-04/18/92	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/04/90-04/18/92	3 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	10/04/90-04/18/92	3 ##	0.01	0.032	0.077	0.01	0.001	0.039	**	**	**	**
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/04/90-04/18/92	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	05/02/91-04/18/92	2	22.6	22.6	37.	8.2	414.72	20.365	**	**	**	**
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/04/90-04/18/92	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/04/90-04/18/92	3 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/04/90-04/18/92	3 ##	10.	17.333	32.	10.	161.333	12.702	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0265

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	3	0	0.00	1	0	0.00			2	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	3	1	0.33	1	1	1.00			2	0	0.00			
00400	PH	Fresh Chronic	9.	3	0	0.00	1	0	0.00			2	0	0.00			
00406	PH, FIELD	Other-Lo Lim.	6.5	3	0	0.00	1	0	0.00			2	0	0.00			
		Fresh Chronic	9.	3	0	0.00	1	0	0.00			2	0	0.00			
		Other-Lo Lim.	6.5	3	0	0.00	1	0	0.00			2	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	3	0	0.00	1	0	0.00			2	0	0.00			
		Fresh Acute	860.	3	0	0.00	1	0	0.00			2	0	0.00			
		Drinking Water	250.	3	0	0.00	1	0	0.00			2	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Drinking Water	250.	3	0	0.00	1	0	0.00			2	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	3	0	0.00	1	0	0.00			2	0	0.00			
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE	Fresh Acute	20.	3	0	0.00	1	0	0.00			2	0	0.00			
		Drinking Water	50.	3	0	0.00	1	0	0.00			2	0	0.00			
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	360.	3	0	0.00	1	0	0.00			2	0	0.00			
		Drinking Water	50.	3	0	0.00	1	0	0.00			2	0	0.00			
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER	Drinking Water	2.	3	0	0.00	1	0	0.00			2	0	0.00			
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	3.9	3	0	0.00	1	0	0.00			2	0	0.00			
		Drinking Water	5.	3	0	0.00	1	0	0.00			2	0	0.00			
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WAT	Drinking Water	100.	3	0	0.00	1	0	0.00			2	0	0.00			
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	18.	3	0	0.00	1	0	0.00			2	0	0.00			
		Drinking Water	1300.	3	0	0.00	1	0	0.00			2	0	0.00			
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	82.	3	0	0.00	1	0	0.00			2	0	0.00			
		Drinking Water	15.	3	0	0.00	1	0	0.00			2	0	0.00			
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	2.4	3	0	0.00	1	0	0.00			2	0	0.00			
		Drinking Water	2.	3	0	0.00	1	0	0.00			2	0	0.00			
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	4.1	3	0	0.00	1	0	0.00			2	0	0.00			
		Drinking Water	100.	3	0	0.00	1	0	0.00			2	0	0.00			
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	120.	3	0	0.00	1	0	0.00			2	0	0.00			
		Drinking Water	5000.	3	0	0.00	1	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: CANY0266

NPS Station ID: CANY0266
 Location: (D-27-19)21BDC-S1
 Station Type: /TYPA/AMBNT/SPRING
 RMI-Indexes:
 RMI-Miles:
 HUC: 14060008
 Major Basin:
 Minor Basin:
 RF1 Index: 14060008
 RF3 Index: 14030005001514.96
 Description:

LAT/LON: 38.441670/-109.838892

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 19.67

Agency: 112WRD
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): 382630109502001
 Within Park Boundary: Yes

Date Created: 02/28/78

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 1.10
 Distance from RF3: 0.00

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: CANY0266

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/18/65-05/18/65	1	7.	7.	7.	0.	0.	**	**	**	**
00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	10/24/67-10/24/67	1	1.	1.	1.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/18/65-10/24/67	2	196.	196.	197.	2.	1.414	**	**	**	**
00400	PH (STANDARD UNITS)	05/18/65-10/24/67	2	7.55	7.55	7.6	0.005	0.071	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/18/65-10/24/67	2	7.547	7.547	7.6	0.005	0.071	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/18/65-10/24/67	2	0.028	0.028	0.032	0.	0.005	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	05/18/65-10/24/67	2	4.8	4.8	5.4	0.72	0.849	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	05/18/65-10/24/67	2	86.	86.	87.	2.	1.414	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	05/18/65-10/24/67	2	105.	105.	106.	2.	1.414	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	05/18/65-10/24/67	2	0.	0.	0.	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	05/18/65-10/24/67	2	0.935	0.935	1.1	0.054	0.233	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	05/18/65-10/24/67	2	95.5	95.5	96.	0.5	0.707	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	05/18/65-10/24/67	2	9.5	9.5	11.	4.5	2.121	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	05/18/65-10/24/67	2	25.	25.	26.	2.	1.414	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS Mg)	05/18/65-10/24/67	2	8.	8.	8.5	0.5	0.707	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS Na)	10/24/67-10/24/67	1	1.9	1.9	1.9	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	05/18/65-10/24/67	2	0.05	0.05	0.1	0.005	0.071	**	**	**	**
00932	SODIUM, PERCENT	05/18/65-10/24/67	2	3.	3.	4.	2.	1.414	**	**	**	**
00933	SODIUM,PLUS POTASSIUM (MG/L)	05/18/65-05/18/65	1	1.1	1.1	1.1	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/24/67-10/24/67	1	1.4	1.4	1.4	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/18/65-10/24/67	2	4.	4.	5.	2.	1.414	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	05/18/65-10/24/67	2	6.5	6.5	7.	0.5	0.707	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/24/67-10/24/67	1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SiO2)	05/18/65-10/24/67	2	7.5	7.5	8.1	0.72	0.849	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS Fe)	10/24/67-10/24/67	1	0.	0.	0.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/18/65-10/24/67	2	110.	110.	112.	8.	2.828	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	05/18/65-10/24/67	2	109.	109.	113.	32.	5.657	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/18/65-10/24/67	2	4.2	4.2	5.	1.28	1.131	**	**	**	**
71885	IRON (UG/L AS Fe)	10/24/67-10/24/67	1	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: CANY0266

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
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			
00618	NITRATE NITROGEN, DISSOLVED AS N	10.	2	0	0.00				1	0	0.00	1	0	0.00			
00940	CHLORIDE, TOTAL IN WATER	860.	2	0	0.00				1	0	0.00	1	0	0.00			
	Fresh Acute																
	Drinking Water	250.	2	0	0.00				1	0	0.00	1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	250.	2	0	0.00				1	0	0.00	1	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	4.	1	0	0.00				1	0	0.00						
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	44.	2	0	0.00				1	0	0.00	1	0	0.00			

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

Station Inventory for Station: CANY0267

NPS Station ID: CANY0267 Location: NECK SPRING 1 MI S OF VISITOR CENTER Station Type: /TYPA/AMBNT/SPRING RMI-Indexes: RMI-Miles: HUC: 14060008 Major Basin: COLORADO RIVER Minor Basin: UPPER COLORADO RIVER RF1 Index: 14060008 RF3 Index: 14070004002901.17 Description: THE STATION IS LOCATED ON THE MUSSELMAN ARCH UTAH 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. NECK SPRING IS LOCATED INSIDE THE CANYONLANDS NATIONAL PARK BOUNDARY. THE SAMPLES WERE COLLECTED AND ANALYZED BY NATIONAL PARK SERVICE PERSONNEL. THE MONITORING BEGAN IN RESPONSE TO A PROPOSED SITING OF A NUCLEAR WASTE REPOSITORY NEAR THE PARK AS STATED BY B. LONG AND R. SMITH IN THE REPORT "WATER QUALITY DATA ANALYSIS AND INTERPRETATION FOR SPRING MONITORING SITES SOUTHEAST UTAH GROUP" (AUGUST 1996). THE INITIAL MONITORING OBJECTIVES WERE TO ESTABLISH A BASELINE DATABASE; DETECT POTENTIAL CHANGES; AND IDENTIFY AREAS OF CONCERN. THE UTAH DEPARTMENT OF ENVIRONMENTAL QUALITY ANALYZED THE SAMPLES IN A COOPERATIVE EFFORT WITH THE PARK SERVICE BEGINNING 10/4/1990. THESE DATA CAN BE FOUND UNDER THE STATION 599561. DATA WERE PROCESSED AND UPLOADED TO STORET BY LISA DUMMER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).	LAT/LON: 38.441949/-109.824170 Depth of Water: 0 Elevation: 0 RF1 Mile Point: 0.000 RF3 Mile Point: 2.36	Agency: 11NPSWRD FIPS State/County: 49037 UTAH/SAN JUAN STORET Station ID(s): CANY_NPS_599561/CANY_TC1 /599561 Within Park Boundary: Yes Aquifer: Water Body Id: ECO Region: Distance from RF1: 0.80 Distance from RF3: 0.11
		Date Created: 05/31/99 On/Off RF1: On/Off RF3:

Parameter Inventory for Station: CANY0267

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/22/84-03/22/90	6	4.3	4.967	13.4	0.9	19.259	4.388	**	**	**	**
00094 SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	09/22/84-03/21/89	5	411.	427.6	520.	395.	2720.3	52.156	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	09/22/84-03/21/89	5	8.2	7.4	10.4	2.7	10.565	3.25	**	**	**	**
00400 PH (STANDARD UNITS)	09/22/84-03/21/89	5	6.25	6.6	8.2	5.3	1.321	1.149	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	09/22/84-03/21/89	5	6.25	5.869	8.2	5.3	1.988	1.41	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/22/84-03/21/89	5	0.562	1.351	5.012	0.006	4.394	2.096	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	09/22/84-03/22/90	7	240.	246.286	325.	205.	1653.571	40.664	**	**	**	**
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	09/22/84-03/22/90	7 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00655 PHOSPHATE, POLY (MG/L AS PO4)	09/22/84-03/22/90	7	0.6	1.421	6.	0.05	4.322	2.079	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	09/22/84-03/22/90	7	257.	251.714	300.	200.	1184.905	34.422	**	**	**	**
00940 CHLORIDE, TOTAL IN WATER MG/L	04/27/87-03/22/90	4	41.5	49.	83.	30.	551.333	23.48	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	09/22/84-03/22/90	7	20.	21.714	36.	12.	72.571	8.519	**	**	**	**
01042 COPPER, TOTAL (UG/L AS CU)	09/22/84-03/22/90	7 ##	50.	60.	120.	50.	700.	26.458	**	**	**	**
01045 IRON, TOTAL (UG/L AS FE)	09/22/84-03/22/90	7 ##	50.	71.429	200.	50.	3214.286	56.695	**	**	**	**
01055 MANGANESE, TOTAL (UG/L AS MN)	09/22/84-03/22/90	7 ##	50.	147.143	500.	50.	27223.81	164.996	**	**	**	**
31501 COLIFORM, TOT, MEMBRANE FILTER, IMMED. M-ENDO MED, 35C	03/22/85-03/21/89	4 ##	0.	12.	48.	0.	576.	24.	**	**	**	**
31501 LOG COLIFORM, TOT, MEMBRANE FILTER, IMMED. M-ENDO MED,	03/22/85-03/21/89	4 ##	0.	0.42	1.681	0.	0.707	0.841	**	**	**	**
31501 GM COLIFORM, TOT, MEMBRANE FILTER, IMMED. M-ENDO MED, 3	GEOMETRIC MEAN =			2.632								
31616 FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	04/27/87-03/21/89	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: CANY0267

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616 LOG FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	04/27/87-03/21/89	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
31616 GM FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5 C	GEOMETRIC MEAN =			1.								

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

EPA Water Quality Criteria Analysis for Station: CANY0267

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	5	1	0.20	1	1	1.00	4	0	0.00						
00400 PH	Fresh Chronic	9.	5	0	0.00	1	0	0.00	4	0	0.00						
	Other-Lo Lim.	6.5	5	3	0.60	1	0	0.00	4	3	0.75						
00620 NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	7	0	0.00	1	0	0.00	5	0	0.00	1	0	0.00			
00940 CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	4	0	0.00				3	0	0.00	1	0	0.00			
	Drinking Water	250.	4	0	0.00				3	0	0.00	1	0	0.00			
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	250.	7	0	0.00	1	0	0.00	5	0	0.00	1	0	0.00			
01042 COPPER, TOTAL	Fresh Acute	18.	1 &	1	1.00				1	1	1.00						
	Drinking Water	1300.	7	0	0.00	1	0	0.00	5	0	0.00	1	0	0.00			
31501 COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	4	0	0.00				3	0	0.00	1	0	0.00			
31616 FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	3	0	0.00				2	0	0.00	1	0	0.00			

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

Station Inventory for Station: CANY0268

NPS Station ID: CANY0268
 Location: NECK SPRING
 Station Type: /TYPA/AMBNT/SPRING
 RMI-Indexes:
 RMI-Miles:
 HUC: 14060008
 Major Basin: COLORADO RIVER
 Minor Basin: GREEN RIVER
 RF1 Index: 14060008
 RF3 Index: 14070004002901.17

LAT/LON: 38.441949/-109.824170

Depth of Water: 0
 Elevation: 5640

RF1 Mile Point: 0.000
 RF3 Mile Point: 2.36

Agency: 11NPSWRD
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): CANY_BLM_NKSP
 Within Park Boundary: Yes

Date Created: 08/07/99

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.80
 Distance from RF3: 0.11

On/Off RF1:
 On/Off RF3:

Description:
 THE STATION IS LOCATED ON THE MUSSELMAN ARCH UT 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT NECK SPRING INSIDE THE CANYONLANDS NATIONAL PARK. THE DATA ARE FROM THE REPORT "ARCHES AND CANYONLANDS NATIONAL PARK AQUATIC STUDY" BY J. CONNOR (NPS) AND W.G. KEPNER (BLM) (1983). THE PURPOSE OF THE STUDY WAS TO MONITOR THE IMPACTS BY VISITORS IN THE BACKCOUNTRY TO WATER SOURCES IN THE PARKS. THE STUDY WAS A JOINT EFFORT BETWEEN THE NATIONAL PARK SERVICE AND THE BUREAU OF LAND MANAGEMENT. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT ARCHES NATIONAL PARK; P.O. BOX 907; MOAB UT 84532 (TEL. 801-259-8161). DATA WERE PROCESSED AND UPLOADED TO STORET BY LISA DUMMER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DR. SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: CANY0268

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/29/83-08/29/83	1	13.1	13.1	13.1	13.1	0.	0.	**	**	**	**
00094 SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	08/29/83-08/29/83	1	228.	228.	228.	228.	0.	0.	**	**	**	**
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/29/83-08/29/83	1	9.7	9.7	9.7	9.7	0.	0.	**	**	**	**
00406 PH, FIELD, STANDARD UNITS SU	08/29/83-08/29/83	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS	08/29/83-08/29/83	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/29/83-08/29/83	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	08/29/83-08/29/83	1	80.	80.	80.	80.	0.	0.	**	**	**	**
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	08/29/83-08/29/83	1	0.63	0.63	0.63	0.63	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	08/29/83-08/29/83	1	130.	130.	130.	130.	0.	0.	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	08/29/83-08/29/83	1	12.	12.	12.	12.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0268

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	0	0.00	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	1	0	0.00	1	0	0.00	1	0	0.00
	Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00
00620 NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00	1	0	0.00	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

EPA Water Quality Criteria Analysis for Station: CANY0268

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
							Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00945	SULFATE, TOTAL (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: CANY0269

NPS Station ID: CANY0269
 Location: SLCH503R
 Station Type: /TYPA/AMBNT/SPRING
 RMI-Indexes:
 RMI-Miles:
 HUC: 14060008
 Major Basin: COLORADO RIVER
 Minor Basin: GREEN RIVER
 RF1 Index: 14060008
 RF3 Index: 14070004002901.17

LAT/LON: 38.447809/-110.137392

Depth of Water: 0
 Elevation: 0

RF1 Mile Point: 0.000
 RF3 Mile Point: 2.36

Agency: 11NPSWRD
 FIPS State/County: 49055 UTAH/WAYNE
 STORET Station ID(s): GLCA_NURE_11 /5079400
 Within Park Boundary: No

Date Created: 01/30/99

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.80
 Distance from RF3: 0.11

On/Off RF1:
 On/Off RF3:

Description:
 THE STATION IS LOCATED ON THE SUGARLOAF BUTTE UTAH 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT A SPRING AND IS OUTSIDE THE GLEN CANYON NATIONAL RECREATION AREA. EACH SAMPLE WAS FILTERED THROUGH A LESS THAN OR EQUAL TO 0.8 UM FILTER 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 STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "SRLID" 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 LISA DUMMER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: CANY0269

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/26/79-05/26/79	1	23.	23.	23.	23.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/26/79-05/26/79	1	350.	350.	350.	350.	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	05/26/79-05/26/79	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	05/26/79-05/26/79	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/26/79-05/26/79	1	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	05/26/79-05/26/79	1	120.	120.	120.	120.	0.	0.	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	05/26/79-05/26/79	1	28.6	28.6	28.6	28.6	0.	0.	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS NA)	05/26/79-05/26/79	1	23.88	23.88	23.88	23.88	0.	0.	**	**	**	**
01056 MANGANESE, DISSOLVED (UG/L AS MN)	05/26/79-05/26/79	1	1108.	1108.	1108.	1108.	0.	0.	**	**	**	**
01085 VANADIUM, DISSOLVED (UG/L AS V)	05/26/79-05/26/79	1	55.	55.	55.	55.	0.	0.	**	**	**	**
22703 URANIUM, NATURAL, DISSOLVED	05/26/79-05/26/79	1	2.07	2.07	2.07	2.07	0.	0.	**	**	**	**
50700 FLUORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	05/26/79-05/26/79	1	256.	256.	256.	256.	0.	0.	**	**	**	**
50760 CHLORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	05/26/79-05/26/79	1	34500.	34500.	34500.	34500.	0.	0.	**	**	**	**
82041 HELIUM, DISSOLVED IN WATER (UG/L AS HE)	05/26/79-05/26/79	1	6600.	6600.	6600.	6600.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0269

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
							Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	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: CANY0270

NPS Station ID: CANY0270
 Location: WILLOW SPRING T27S R16E S23 NE1/4 SW1/4
 Station Type: /TYPA/AMBNT/SPRING
 RMI-Indexes:
 RMI-Miles:
 HUC: 14060008
 Major Basin:
 Minor Basin:
 RF1 Index:
 RF3 Index: 14070004002901.17
 Description:

LAT/LON: 38.448333/-110.137500

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 2.36

Agency: 21UTAH
 FIPS State/County: 49055 UTAH/WAYNE
 STORET Station ID(s): 599244
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.80
 Distance from RF3: 0.11

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: CANY0270

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/24/81-04/24/81	1	13.	13.	13.	13.	0.	0.	**	**	**
00058	FLOW, RATE GALLONS/MIN	04/24/81-04/24/81	1	0.104	0.104	0.104	0.104	0.	0.	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	06/18/80-11/14/80	2	0.	0.	0.	0.	0.	0.	**	**	**
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	04/24/81-04/24/81	1	290.	290.	290.	290.	0.	0.	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/24/81-04/24/81	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	04/24/81-04/24/81	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	04/24/81-04/24/81	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/24/81-04/24/81	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	04/24/81-04/24/81	1	140.	140.	140.	140.	0.	0.	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	04/24/81-04/24/81	1	170.8	170.8	170.8	170.8	0.	0.	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/24/81-04/24/81	1	0.43	0.43	0.43	0.43	0.	0.	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/24/81-04/24/81	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**
00916	CALCIUM, TOTAL (MG/L AS Ca)	04/24/81-04/24/81	1	33.6	33.6	33.6	33.6	0.	0.	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	04/24/81-04/24/81	1	15.84	15.84	15.84	15.84	0.	0.	**	**	**
00929	SODIUM, TOTAL (MG/L AS Na)	04/24/81-04/24/81	1	4.	4.	4.	4.	0.	0.	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	04/24/81-04/24/81	1	5.4	5.4	5.4	5.4	0.	0.	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	04/24/81-04/24/81	1	4.	4.	4.	4.	0.	0.	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	04/24/81-04/24/81	1	16.	16.	16.	16.	0.	0.	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SiO2)	04/24/81-04/24/81	1	15.	15.	15.	15.	0.	0.	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	04/24/81-04/24/81	1	19.	19.	19.	19.	0.	0.	**	**	**
01027	CADMIUM, TOTAL (UG/L AS Cd)	04/24/81-04/24/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	04/24/81-04/24/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
01037	COBALT, TOTAL (UG/L AS CO)	04/24/81-04/24/81	1	12.	12.	12.	12.	0.	0.	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	04/24/81-04/24/81	1	10.	10.	10.	10.	0.	0.	**	**	**
01051	LEAD, TOTAL (UG/L AS Pb)	04/24/81-04/24/81	1	4.	4.	4.	4.	0.	0.	**	**	**
01062	MOLYBDENUM, TOTAL (UG/L AS MO)	04/24/81-04/24/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
01067	NICKEL, TOTAL (UG/L AS Ni)	04/24/81-04/24/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
01092	ZINC, TOTAL (UG/L AS Zn)	04/24/81-04/24/81	1	5.	5.	5.	5.	0.	0.	**	**	**
01147	SELENIUM, TOTAL (UG/L AS Se)	04/24/81-04/24/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
31506	COLIFORM, TOT, MPN, CONFIRMED TEST, TUBE CONFIG.	04/24/81-04/24/81	1	125.	125.	125.	125.	0.	0.	**	**	**
31506	LOG COLIFORM, TOT, MPN, CONFIRMED TEST, TUBE CONFIG.	04/24/81-04/24/81	1	2.097	2.097	2.097	2.097	0.	0.	**	**	**
31506	GM COLIFORM, TOT, MPN, CONFIRMED TEST, TUBE CONFIG.	04/24/81-04/24/81	1	GEOMETRIC MEAN =	125.							
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	04/24/81-04/24/81	1	166.	166.	166.	166.	0.	0.	**	**	**
71900	MERCURY, TOTAL (UG/L AS Hg)	04/24/81-04/24/81	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**
82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	04/24/81-04/24/81	1 ##	500.	500.	500.	500.	0.	0.	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0270

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	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			
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			
01002 ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00							1	0	0.00			
	Drinking Water	50.	1	0	0.00							1	0	0.00			
01027 CADMIUM, TOTAL	Fresh Acute	3.9	1	0	0.00							1	0	0.00			
	Drinking Water	5.	1	0	0.00							1	0	0.00			
01034 CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00							1	0	0.00			
01042 COPPER, TOTAL	Fresh Acute	18.	1	0	0.00							1	0	0.00			
	Drinking Water	1300.	1	0	0.00							1	0	0.00			
01051 LEAD, TOTAL	Fresh Acute	82.	1	0	0.00							1	0	0.00			
	Drinking Water	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			
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			
31506 COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	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: CANY0271

NPS Station ID: CANY0271
 Location: R(D-27-17)13DBA-S1
 Station Type: /TYPA/AMBNT/SPRING
 RMI-Indexes:
 RMI-Miles:
 HUC: 14060008
 Major Basin:
 Minor Basin:
 RF1 Index: 14060008
 RF3 Index: 14060008040303.19
 Description:

LAT/LON: 38.451948/-110.006392

Depth of Water: 0
 Elevation: 0

RF1 Mile Point: 0.000
 RF3 Mile Point: 0.06

Agency: 112WRD
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): 382707110002301
 Within Park Boundary: Yes

Date Created: 02/28/78

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 21.50
 Distance from RF3: 0.03

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: CANY0271

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/04/70-03/04/70	1	10.	10.	10.	10.	0.	0.	**	**	**
00059	FLOW, RATE, INSTANTANEOUS GALLONS/MIN	03/04/70-03/04/70	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/04/70-03/04/70	1	2810.	2810.	2810.	2810.	0.	0.	**	**	**
00400	PH (STANDARD UNITS)	03/04/70-03/04/70	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	03/04/70-03/04/70	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/04/70-03/04/70	1	0.016	0.016	0.016	0.016	0.	0.	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	03/04/70-03/04/70	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	03/04/70-03/04/70	1	246.	246.	246.	246.	0.	0.	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	03/04/70-03/04/70	1	300.	300.	300.	300.	0.	0.	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	03/04/70-03/04/70	1	0.	0.	0.	0.	0.	0.	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	03/04/70-03/04/70	1	0.	0.	0.	0.	0.	0.	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	03/04/70-03/04/70	1	1600.	1600.	1600.	1600.	0.	0.	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	03/04/70-03/04/70	1	1350.	1350.	1350.	1350.	0.	0.	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	03/04/70-03/04/70	1	513.	513.	513.	513.	0.	0.	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS Mg)	03/04/70-03/04/70	1	78.	78.	78.	78.	0.	0.	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS Na)	03/04/70-03/04/70	1	125.	125.	125.	125.	0.	0.	**	**	**
00931	SODIUM ADSORPTION RATIO	03/04/70-03/04/70	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**
00932	SODIUM, PERCENT	03/04/70-03/04/70	1	14.	14.	14.	14.	0.	0.	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	03/04/70-03/04/70	1	30.	30.	30.	30.	0.	0.	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	03/04/70-03/04/70	1	74.	74.	74.	74.	0.	0.	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	03/04/70-03/04/70	1	1430.	1430.	1430.	1430.	0.	0.	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/04/70-03/04/70	1	2.2	2.2	2.2	2.2	0.	0.	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SiO2)	03/04/70-03/04/70	1	9.5	9.5	9.5	9.5	0.	0.	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	03/04/70-03/04/70	1	0.	0.	0.	0.	0.	0.	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	03/04/70-03/04/70	1	680.	680.	680.	680.	0.	0.	**	**	**
01040	COPPER, DISSOLVED (UG/L AS Cu)	03/04/70-03/04/70	1	40.	40.	40.	40.	0.	0.	**	**	**
01046	IRON, DISSOLVED (UG/L AS Fe)	03/04/70-03/04/70	1	90.	90.	90.	90.	0.	0.	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS Se)	03/04/70-03/04/70	1	0.	0.	0.	0.	0.	0.	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	03/04/70-03/04/70	1	2730.	2730.	2730.	2730.	0.	0.	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	03/04/70-03/04/70	1	2410.	2410.	2410.	2410.	0.	0.	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	03/04/70-03/04/70	1	0.	0.	0.	0.	0.	0.	**	**	**
71885	IRON (UG/L AS Fe)	03/04/70-03/04/70	1	90.	90.	90.	90.	0.	0.	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0271

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
							Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	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						
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00				1	0	0.00						
00940	CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	1	0	0.00				1	0	0.00						
		Drinking Water	250.	1	0	0.00				1	0	0.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	1	1.00				1	1	1.00						
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						
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	1	1.00				1	1	1.00						
		Drinking Water	1300.	1	0	0.00				1	0	0.00						
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00				1	0	0.00						
		Drinking Water	50.	1	0	0.00				1	0	0.00						
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00				1	0	0.00						

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

Station Inventory for Station: CANY0272

NPS Station ID: CANY0272
 Location: SYNCLINE SPRING
 Station Type: /TYPA/AMBNT/SPRING
 RMI-Indexes:
 RMI-Miles:
 HUC: 14060008
 Major Basin: COLORADO RIVER
 Minor Basin: GREEN RIVER
 RF1 Index: 14060008
 RF3 Index: 14070004002901.17

LAT/LON: 38.453615/-109.933893

Depth of Water: 0
 Elevation: 0

RF1 Mile Point: 0.000
 RF3 Mile Point: 2.36

Agency: 11NPSWRD
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): CANY_WWRR1_SYN
 Within Park Boundary: Yes

Date Created: 08/02/99

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.80
 Distance from RF3: 0.11

On/Off RF1:
 On/Off RF3:

Description:
 THE STATION IS LOCATED ON THE UPHEAVAL DOME UTAH 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT SYNCLINE SPRING INSIDE THE CANYONLANDS NATIONAL PARK. THE DATA ARE FROM THE REPORT "THE HYDROGEOLOGIC FEASIBILITY OF DEVELOPING GROUND-WATER SUPPLIES IN THE NORTHERN PART OF CANYONLANDS NATIONAL PARK AND BRIDGES NATIONAL MONUMENT, UTAH" BY P.W. HUNTOON (NOVEMBER 1977). THE REPORT WAS SUBMITTED TO THE NATIONAL PARK SERVICE FOR CONTRACT CX-1200-7-B020. THE DATE WAS ESTIMATED. FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT CANYONLANDS NATIONAL PARK; 2282 S. WEST RESOURCE BLVD.; MOAB UT 84532 (TEL. 801-259-7164). DATA WERE PROCESSED AND UPLOADED TO STORET BY LISA DUMMER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: CANY0272

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011 TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/01/77-07/01/77	1	62.	62.	62.	62.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/01/77-07/01/77	1	252.	252.	252.	252.	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	07/01/77-07/01/77	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	07/01/77-07/01/77	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/01/77-07/01/77	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00440 BICARBONATE ION (MG/L AS HCO3)	07/01/77-07/01/77	1	130.	130.	130.	130.	0.	0.	**	**	**	**
00618 NITRATE NITROGEN, DISSOLVED (MG/L AS N)	07/01/77-07/01/77	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	07/01/77-07/01/77	1	120.	120.	120.	120.	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	07/01/77-07/01/77	1	26.	26.	26.	26.	0.	0.	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS Mg)	07/01/77-07/01/77	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	07/01/77-07/01/77	1	3.8	3.8	3.8	3.8	0.	0.	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	07/01/77-07/01/77	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
00940 CHLORIDE,TOTAL IN WATER MG/L	07/01/77-07/01/77	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	07/01/77-07/01/77	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	07/01/77-07/01/77	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SiO2)	07/01/77-07/01/77	1	16.	16.	16.	16.	0.	0.	**	**	**	**
01020 BORON, DISSOLVED (UG/L AS B)	07/01/77-07/01/77	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/01/77-07/01/77	1	234.	234.	234.	234.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0272

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
							Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	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
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00										1	0	0.00
00940	CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	1	0	0.00										1	0	0.00
		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
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	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

Station Inventory for Station: CANY0273

NPS Station ID: CANY0273 LAT/LON: 38.453500/-110.197667

Location: HORSESHOE CYN SPG .3MI AB CNFL/ WATER CYN LOWER

Station Type: /TYPA/AMBNT/SPRING

RMI-Indexes:

RMI-Miles:

HUC: 14060008

Major Basin:

Minor Basin:

RF1 Index:

RF3 Index: 14060008012808.14

Description:

WATER QUALITY STATION IS LOCATED IN CANYONLANDS NP. THIS PARK IS

SAMPLES WERE COLLECTED BY CANYONLANDS NATIONAL PARK NATURAL RESOURCE

435-259-3911); ANALYZED BY THE UTAH DEPARTMENT OF HEALTH LABORATORY;

QUALITY - DIVISION OF WATER QUALITY. DATA COLLECTED AT THE SAME

Depth of Water: 0

Elevation: 0

RF1 Mile Point: 0.000

RF3 Mile Point: 9.18

Agency: 21UTAH

FIPS State/County: 49055 UTAH/WAYNE

STORET Station ID(s): 599554

Within Park Boundary: Yes

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 0.00

Distance from RF3: 0.02

Date Created: / /

On/Off RF1:

On/Off RF3:

Parameter Inventory for Station: CANY0273

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/27/90-09/19/99	5	8.7	14.668	29.	4.2	135.443	11.638	**	**	**	**
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	12/01/98-09/19/99	4	17.5	17.75	30.	6.	133.583	11.558	**	**	**	**
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/27/90-09/19/99	5	13.5	509.609	2501.	0.754	1239396.489	1113.282	**	**	**	**
00094 SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/27/90-09/19/99	5	879.	782.6	1018.	222.	101708.8	318.918	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/27/90-09/19/99	5	933.	804.4	1060.	229.	108530.3	329.439	**	**	**	**
00191 HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	10/27/90-09/19/99	5	0.	0.	0.	0.	0.	0.	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	10/27/90-09/19/99	5	3.4	3.59	6.2	1.25	3.093	1.759	**	**	**	**
00400 PH (STANDARD UNITS)	10/27/90-09/19/99	5	7.89	7.916	8.22	7.6	0.049	0.222	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	10/27/90-09/19/99	5	7.89	7.87	8.22	7.6	0.052	0.228	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/27/90-09/19/99	5	0.013	0.013	0.025	0.006	0.	0.007	**	**	**	**
00405 CARBON DIOXIDE (MG/L AS CO2)	10/27/90-09/19/99	5	9.	8.8	20.	2.	48.7	6.979	**	**	**	**
00406 PH, FIELD, STANDARD UNITS SU	10/27/90-09/19/99	5	7.58	7.436	7.8	6.8	0.161	0.402	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS	10/27/90-09/19/99	5	7.58	7.266	7.8	6.8	0.197	0.444	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/27/90-09/19/99	5	0.026	0.054	0.158	0.016	0.004	0.06	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	10/27/90-09/19/99	5	348.	332.2	492.	109.	19234.2	138.687	**	**	**	**
00440 BICARBONATE ION (MG/L AS HCO3)	10/27/90-09/19/99	5	424.	405.	600.	133.	28585.	169.071	**	**	**	**
00445 CARBONATE ION (MG/L AS CO3)	10/27/90-09/19/99	5	0.	0.	0.	0.	0.	0.	**	**	**	**
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/27/90-09/19/99	5	35.	350.92	1660.	0.	536163.232	732.232	**	**	**	**
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/27/90-05/24/99	4 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00613 NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/27/90-10/27/90	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00618 NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/27/90-10/27/90	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/27/90-10/27/90	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/19/99-09/19/99	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00631 NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	12/01/98-05/24/99	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00665 PHOSPHORUS, TOTAL (MG/L AS P)	10/27/90-09/19/99	5	0.02	0.169	0.785	0.01	0.119	0.344	**	**	**	**
00666 PHOSPHORUS, DISSOLVED (MG/L AS P)	10/27/90-05/24/99	4 ##	0.018	0.018	0.027	0.01	0.	0.009	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	10/27/90-09/19/99	5	483.4	431.32	552.1	128.5	29673.722	172.261	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	10/27/90-09/19/99	5	88.8	80.06	107.	34.2	790.788	28.121	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	10/27/90-09/19/99	5	68.9	56.28	72.	10.5	672.812	25.939	**	**	**	**

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

Parameter Inventory for Station: CANY0273

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/27/90-09/19/99	5	19.6	16.718	25.2	3.19	73.62	8.58	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/27/90-09/19/99	5	5.1	5.838	9.13	3.63	4.97	2.229	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/27/90-09/19/99	5	23.	21.6	33.	3.5	119.925	10.951	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	10/27/90-09/19/99	5	119.9	112.14	230.6	21.	8345.698	91.355	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	12/01/98-09/19/99	4 ##	2.5	3.175	5.2	2.5	1.823	1.35	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	12/01/98-09/19/99	4	220.	207.	280.	108.	5422.667	73.639	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	12/01/98-09/19/99	4 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	12/01/98-09/19/99	4	7.55	8.4	13.	5.5	11.22	3.35	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	12/01/98-09/19/99	4 ##	6.	8.25	15.	6.	20.25	4.5	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	12/01/98-09/19/99	4	72.35	103.425	259.	10.	12375.923	111.247	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	12/01/98-09/19/99	4 ##	1.5	3.025	7.6	1.5	9.302	3.05	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	12/01/98-09/19/99	4	740.	760.	1500.	60.	361133.333	600.944	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	12/01/98-09/19/99	4 ##	1.	1.	1.	1.	0.	0.	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	12/01/98-09/19/99	4 ##	15.	21.25	40.	15.	156.25	12.5	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	12/01/98-09/19/99	4	72.5	490.	1800.	15.	763606.	873.846	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	12/01/98-09/19/99	4 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	10/27/90-10/27/90	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
50051	FLOW, RATE, INSTANTANEOUS MGD	05/24/99-05/24/99	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**
61027	ANIONS, SUM, TOTAL IN WATER MG/L	12/01/98-09/19/99	4	376.5	332.	483.	92.	28520.667	168.881	**	**	**
61944	CATIONS, SUM, TOTAL IN WATER, MG/L	12/01/98-09/19/99	4	181.5	156.5	206.	57.	4571.	67.609	**	**	**
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	10/27/90-09/19/99	5	548.	503.6	646.	212.	28320.8	168.288	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	12/01/98-09/19/99	4 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/27/90-10/27/90	1	10.	10.	10.	10.	0.	0.	**	**	**
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	10/27/90-10/27/90	1	0.88	0.88	0.88	0.88	0.	0.	**	**	**
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/27/90-10/27/90	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/27/90-10/27/90	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/27/90-10/27/90	1 ##	10.	10.	10.	10.	0.	0.	**	**	**
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	10/27/90-10/27/90	1	5.2	5.2	5.2	5.2	0.	0.	**	**	**
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/27/90-10/27/90	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/27/90-10/27/90	1	2800.	2800.	2800.	2800.	0.	0.	**	**	**
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/27/90-10/27/90	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/27/90-10/27/90	1 ##	1.	1.	1.	1.	0.	0.	**	**	**
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/27/90-10/27/90	1 ##	10.	10.	10.	10.	0.	0.	**	**	**

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EPA Water Quality Criteria Analysis for Station: CANY0273

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	5	1	0.20	1	1.00	3	0	0.00	1	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	5	4	0.80	1	0	0.00	3	3	1.00	1	1	1.00		
00400	PH	Fresh Chronic	9.	5	0	0.00	1	0	0.00	3	0	0.00	1	0	0.00		
		Other-Lo Lim.	6.5	5	0	0.00	1	0	0.00	3	0	0.00	1	0	0.00		
00406	PH, FIELD	Fresh Chronic	9.	5	0	0.00	1	0	0.00	3	0	0.00	1	0	0.00		
		Other-Lo Lim.	6.5	5	0	0.00	1	0	0.00	3	0	0.00	1	0	0.00		
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1	0	0.00			1	0	0.00						
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00			1	0	0.00						
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00								
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	3	0	0.00			2	0	0.00	1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	5	0	0.00	1	0	0.00	3	0	0.00	1	0	0.00		
		Drinking Water	250.	5	0	0.00	1	0	0.00	3	0	0.00	1	0	0.00		
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	5	0	0.00	1	0	0.00	3	0	0.00	1	0	0.00		
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00		
		Drinking Water	50.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00		
01005	BARIUM, DISSOLVED	Drinking Water	2000.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00		
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00		
		Drinking Water	5.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00		
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00		
01040	COPPER, DISSOLVED	Fresh Acute	18.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00		
		Drinking Water	1300.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00		

& - 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: CANY0273

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
01049 LEAD, DISSOLVED	Fresh Acute	82.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
	Drinking Water	15.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
01075 SILVER, DISSOLVED	Fresh Acute	4.1	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
	Drinking Water	100.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
01090 ZINC, DISSOLVED	Fresh Acute	120.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
	Drinking Water	5000.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
01145 SELENIUM, DISSOLVED	Fresh Acute	20.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
	Drinking Water	50.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
01167 SELENIUM, ACID SOLUBLE, WATER, WHOLE	Fresh Acute	20.	1	0	0.00				1	0	0.00						
	Drinking Water	50.	1	0	0.00				1	0	0.00						
71890 MERCURY, DISSOLVED	Fresh Acute	2.4	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
	Drinking Water	2.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
82702 ARSENIC, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	360.	1	0	0.00				1	0	0.00						
	Drinking Water	50.	1	0	0.00				1	0	0.00						
82703 BARIUM, FIELD ACIDIFIED, DECANTED, WATER	Drinking Water	2.	1	0	0.00				1	0	0.00						
82705 CADMIUM, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	3.9	1	0	0.00				1	0	0.00						
	Drinking Water	5.	1	0	0.00				1	0	0.00						
82706 CHROMIUM, FIELD ACIDIFIED, DECANTED, WAT	Drinking Water	100.	1	0	0.00				1	0	0.00						
82708 COPPER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	18.	1	0	0.00				1	0	0.00						
	Drinking Water	1300.	1	0	0.00				1	0	0.00						
82711 LEAD, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	82.	1	0	0.00				1	0	0.00						
	Drinking Water	15.	1	0	0.00				1	0	0.00						
82713 MERCURY, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	2.4	1	0	0.00				1	0	0.00						
	Drinking Water	2.	1	0	0.00				1	0	0.00						
82716 SILVER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	4.1	1	0	0.00				1	0	0.00						
	Drinking Water	100.	1	0	0.00				1	0	0.00						
82719 ZINC, FIELD ACIDIFIED, DECANTED, WATER	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: CANY0274

NPS Station ID: CANY0274 LAT/LON: 38.454004/-110.197810

Location: HORSESHOE CYN SPG .3 MI AB CNFL/ WATER CYN LOWER

Station Type: /TYPA/AMBNT/SPRING

RMI-Indexes:

RMI-Miles:

HUC: 14060008

Major Basin: COLORADO RIVER

Minor Basin: UPPER COLORADO RIVER

RF1 Index: 14060008

RF3 Index: 14070004002901.17

Description:

THE STATION IS LOCATED ON THE SUGARLOAF BUTTE UTAH 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. HORSESHOE LOWER IS A WASH SPRING AND IS LOCATED INSIDE THE CANYONLANDS NATIONAL PARK BOUNDARY. THE SAMPLES WERE COLLECTED AND ANALYZED BY NATIONAL PARK SERVICE PERSONNEL. THE MONITORING BEGAN IN RESPONSE TO A PROPOSED SITING OF A NUCLEAR WASTE REPOSITORY NEAR THE PARK AS STATED BY B. LONG AND R. SMITH IN THE REPORT "WATER QUALITY DATA ANALYSIS AND INTERPRETATION FOR SPRING MONITORING SITES SOUTHEAST UTAH GROUP" (AUGUST 1996). THE INITIAL MONITORING OBJECTIVES WERE TO ESTABLISH A BASELINE DATABASE; DETECT POTENTIAL CHANGES; AND IDENTIFY AREAS OF CONCERN. THE UTAH DEPARTMENT OF ENVIRONMENTAL QUALITY ANALYZED THE SAMPLES IN A COOPERATIVE EFFORT WITH THE PARK SERVICE AFTER 10/27/1990. THESE DATA CAN BE FOUND UNDER THE STATION 599554. DATA WERE PROCESSED AND UPLOADED TO STORET BY LISA DUMMER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Agency: 11NPSWRD

FIPS State/County: 49055 UTAH/WAYNE

STORET Station ID(s): CANY_NPS_599554/HSC2 /599554

Within Park Boundary: Yes

Date Created: 05/22/99

Depth of Water: 0

Elevation: 0

RF1 Mile Point: 0.000

RF3 Mile Point: 2.36

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 0.80

Distance from RF3: 0.11

On/Off RF1:

On/Off RF3:

Parameter Inventory for Station: CANY0274

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/10/85-05/11/90	6	17.7	18.533	30.4	13.5	37.547	6.128	**	**	**	**
00059 FLOW, RATE, INSTANTANEOUS GALLONS/MIN	07/10/85-07/10/85	1	0.29	0.29	0.29	0.29	0.	0.	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	07/10/85-07/10/85	1	29.	29.	29.	29.	0.	0.	**	**	**	**
00090 OXIDATION REDUCTION POTENTIAL (MILLIVOLTS)	05/11/90-05/11/90	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00094 SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	07/10/85-05/11/90	6	553.5	590.333	767.	511.	10037.467	100.187	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	07/10/85-05/11/90	6	6.35	5.417	8.7	0.8	8.99	2.998	**	**	**	**
00400 PH (STANDARD UNITS)	07/10/85-05/11/90	6	7.3	7.237	7.72	6.3	0.274	0.524	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	07/10/85-05/11/90	6	7.289	6.919	7.72	6.3	0.395	0.629	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/10/85-05/11/90	6	0.051	0.12	0.501	0.019	0.035	0.188	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	07/10/85-05/11/90	7	240.	252.929	411.	8.5	18314.036	135.329	**	**	**	**
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	07/10/85-05/11/90	6 ##	0.05	0.305	1.58	0.05	0.39	0.625	**	**	**	**
00655 PHOSPHATE, POLY (MG/L AS PO4)	07/10/85-05/11/90	7	0.9	4.85	19.	0.05	46.103	6.79	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	07/10/85-05/11/90	6	291.	312.5	462.	200.	7429.9	86.197	**	**	**	**
00940 CHLORIDE, TOTAL IN WATER MG/L	07/10/85-05/11/90	5	76.	122.9	379.	0.5	22495.05	149.983	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	07/10/85-05/11/90	7	19.	21.071	54.	2.5	289.536	17.016	**	**	**	**
01042 COPPER, TOTAL (UG/L AS CU)	07/10/85-05/11/90	7 ##	50.	81.429	270.	50.	6914.286	83.152	**	**	**	**
01045 IRON, TOTAL (UG/L AS FE)	07/10/85-05/11/90	6 ##	110.	820.	3600.	50.	1992400.	1411.524	**	**	**	**
01055 MANGANESE, TOTAL (UG/L AS MN)	07/10/85-05/11/90	6 ##	125.	175.	400.	50.	22750.	150.831	**	**	**	**
31501 COLIFORM, TOT, MEMBRANE FILTER, IMMED. M-ENDO MED, 35C	04/23/86-05/08/89	3 ##	0.	3.333	10.	0.	33.333	5.774	**	**	**	**

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

Parameter Inventory for Station: CANY0274

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501 LOG COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,	04/23/86-05/08/89	3 ##	0.	0.333	1.	0.	0.333	0.577	**	**	**	**
31501 GM COLIFORM,TOT, MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.154								
31616 FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/30/87-05/08/89	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
31616 LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/30/87-05/08/89	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
31616 GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.								
82079 TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	07/10/85-07/10/85	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**

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EPA Water Quality Criteria Analysis for Station: CANY0274

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	6	2	0.33	1	0	0.00				2	0	0.00	3	2	0.67
00400 PH	Fresh Chronic	9.	6	0	0.00	1	0	0.00				2	0	0.00	3	0	0.00
	Other-Lo Lim.	6.5	6	1	0.17	1	0	0.00				2	0	0.00	3	1	0.33
00620 NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	6	0	0.00	1	0	0.00				2	0	0.00	3	0	0.00
00940 CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	5	0	0.00							2	0	0.00	3	0	0.00
	Drinking Water	250.	5	1	0.20							2	0	0.00	3	1	0.33
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	250.	7	0	0.00	1	0	0.00				3	0	0.00	3	0	0.00
01042 COPPER, TOTAL	Fresh Acute	18.	1 &	1	1.00										1	1	1.00
	Drinking Water	1300.	7	0	0.00	1	0	0.00				3	0	0.00	3	0	0.00
31501 COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	3	0	0.00							2	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	2	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: CANY0275

NPS Station ID: CANY0275
 Location: (D-27-16)20BDC-S1
 Station Type: /TYPA/AMBNT/SPRING
 RMI-Indexes:
 RMI-Miles:
 HUC: 14060008
 Major Basin: U
 Minor Basin:
 RF1 Index: 14060008
 RF3 Index: 14070004004100.00
 Description:

LAT/LON: 38.454170/-110.193338

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 0.29

Agency: 112WRD
 FIPS State/County: 49055 UTAH/WAYNE
 STORET Station ID(s): 382715110113601
 Within Park Boundary: Yes

Date Created: 02/28/78

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.25

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: CANY0275

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/12/69-11/12/69	1	15.5	15.5	15.5	15.5	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/12/69-11/12/69	1	353.	353.	353.	353.	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	11/12/69-11/12/69	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	11/12/69-11/12/69	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/12/69-11/12/69	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00405 CARBON DIOXIDE (MG/L AS CO2)	11/12/69-11/12/69	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	11/12/69-11/12/69	1	161.	161.	161.	161.	0.	0.	**	**	**	**
00430 ALKALINITY, CARBONATE (MG/L AS CaCO3)	11/12/69-11/12/69	1	161.	161.	161.	161.	0.	0.	**	**	**	**
00440 BICARBONATE ION (MG/L AS HCO3)	11/12/69-11/12/69	1	196.	196.	196.	196.	0.	0.	**	**	**	**
00445 CARBONATE ION (MG/L AS CO3)	11/12/69-11/12/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00618 NITRATE NITROGEN, DISSOLVED (MG/L AS N)	11/12/69-11/12/69	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	11/12/69-11/12/69	1	180.	180.	180.	180.	0.	0.	**	**	**	**
00902 HARDNESS, NON-CARBONATE (MG/L AS CaCO3)	11/12/69-11/12/69	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	11/12/69-11/12/69	1	30.	30.	30.	30.	0.	0.	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	11/12/69-11/12/69	1	26.	26.	26.	26.	0.	0.	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	11/12/69-11/12/69	1	4.1	4.1	4.1	4.1	0.	0.	**	**	**	**
00931 SODIUM ADSORPTION RATIO	11/12/69-11/12/69	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00932 SODIUM, PERCENT	11/12/69-11/12/69	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	11/12/69-11/12/69	1	3.7	3.7	3.7	3.7	0.	0.	**	**	**	**
00940 CHLORIDE, TOTAL IN WATER MG/L	11/12/69-11/12/69	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	11/12/69-11/12/69	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	11/12/69-11/12/69	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SiO2)	11/12/69-11/12/69	1	8.5	8.5	8.5	8.5	0.	0.	**	**	**	**
01000 ARSENIC, DISSOLVED (UG/L AS AS)	11/12/69-11/12/69	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01020 BORON, DISSOLVED (UG/L AS B)	11/12/69-11/12/69	1	160.	160.	160.	160.	0.	0.	**	**	**	**
01040 COPPER, DISSOLVED (UG/L AS CU)	11/12/69-11/12/69	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01046 IRON, DISSOLVED (UG/L AS FE)	11/12/69-11/12/69	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01145 SELENIUM, DISSOLVED (UG/L AS SE)	11/12/69-11/12/69	1	10.	10.	10.	10.	0.	0.	**	**	**	**
70300 RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	11/12/69-11/12/69	1	200.	200.	200.	200.	0.	0.	**	**	**	**
70301 SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	11/12/69-11/12/69	1	189.	189.	189.	189.	0.	0.	**	**	**	**
71851 NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	11/12/69-11/12/69	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0275

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
							Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	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						
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00				1	0	0.00						
00940	CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	1	0	0.00				1	0	0.00						
		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						
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						
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						
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00				1	0	0.00						
		Drinking Water	50.	1	0	0.00				1	0	0.00						
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00				1	0	0.00						

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

Station Inventory for Station: CANY0276

NPS Station ID: CANY0276
 Location: COLORADO RIVER 600 YDS BELOW CANYON #3
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 14030005
 Major Basin:
 Minor Basin:
 RF1 Index:
 RF3 Index: 14070001003200.15
 Description:

LAT/LON: 38.458500/-109.671333

Depth of Water: 0
 Elevation: 0

RF1 Mile Point: 0.000
 RF3 Mile Point: 0.81

Agency: 21UTAH
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): 495624
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.50
 Distance from RF3: 0.02

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: CANY0276

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/22/95-10/04/99	18	10.5	11.933	25.	0.	69.539	8.339	0.	5.	19.	24.1
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	01/21/96-10/04/99	16	15.5	16.969	36.	2.	108.082	10.396	4.1	8.25	24.875	33.9
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/21/91-10/04/99	30	46.05	79.302	705.	4.1	18554.978	136.217	6.459	19.7	65.75	202.8
00094 SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/22/95-10/04/99	18	906.	1215.222	6467.	400.	1772656.183	1331.411	545.8	761.	1153.5	1769.9
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/21/91-10/04/99	30	978.	957.767	1540.	392.	76889.564	277.29	528.3	692.5	1164.	1292.2
00191 HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	07/21/91-10/04/99	30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00300 OXYGEN, DISSOLVED MG/L	08/22/95-08/22/95	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	07/21/91-10/04/99	30	8.26	8.21	8.72	7.54	0.074	0.272	7.81	8.	8.442	8.499
00400 CONVERTED PH (STANDARD UNITS)	07/21/91-10/04/99	30	8.258	8.12	8.72	7.54	0.082	0.287	7.81	8.	8.442	8.499
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/21/91-10/04/99	30	0.006	0.008	0.029	0.002	0.	0.006	0.003	0.004	0.01	0.016
00405 CARBON DIOXIDE (MG/L AS CO2)	07/21/91-10/04/99	32	1.5	1.969	7.	1.	2.483	1.576	1.	1.	2.	4.4
00406 PH, FIELD, STANDARD UNITS SU	04/04/94-10/04/99	19	8.6	8.563	8.9	8.2	0.036	0.189	8.3	8.4	8.7	8.8
00406 CONVERTED PH, FIELD, STANDARD UNITS	04/04/94-10/04/99	19	8.6	8.524	8.9	8.2	0.037	0.193	8.3	8.4	8.7	8.8
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/04/94-10/04/99	19	0.003	0.003	0.006	0.001	0.	0.001	0.002	0.002	0.004	0.005
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	07/21/91-10/04/99	32	138.	135.125	186.	81.	630.242	25.105	99.	118.25	152.75	166.7
00440 BICARBONATE ION (MG/L AS HCO3)	07/21/91-10/04/99	32	170.	169.281	280.	99.	1328.725	36.452	121.	156.5	192.5	205.4
00445 CARBONATE ION (MG/L AS CO3)	07/21/91-10/04/99	30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/21/91-10/04/99	30	94.5	153.17	652.	13.	26756.313	163.574	20.44	52.9	210.65	439.1
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	07/21/91-10/04/99	30	310.35	309.34	459.9	146.7	6613.729	81.325	187.24	244.15	366.025	428.16
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	07/21/91-10/04/99	32	82.9	80.584	120.	41.	493.796	22.222	51.	62.325	96.75	112.1
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	07/21/91-10/04/99	32	25.25	26.231	39.	10.5	65.558	8.097	14.	20.	32.55	38.07
00930 SODIUM, DISSOLVED (MG/L AS Na)	07/21/91-10/04/99	32	82.85	88.95	180.	24.7	1478.106	38.446	36.	56.475	120.	137.
00935 POTASSIUM, DISSOLVED (MG/L AS K)	07/21/91-10/04/99	32	3.7	4.512	18.	1.64	10.056	3.171	2.1	3.218	4.795	5.67
00941 CHLORIDE, DISSOLVED IN WATER MG/L	07/21/91-10/04/99	32	83.45	92.827	240.	23.5	2652.221	51.5	31.65	54.375	127.25	175.8
00946 SULFATE, DISSOLVED (MG/L AS SO4)	07/21/91-10/04/99	32	234.5	220.287	377.1	68.	6628.691	81.417	97.574	148.475	278.313	312.741
01002 ARSENIC, TOTAL (UG/L AS AS)	04/04/94-07/12/94	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01034 CHROMIUM, TOTAL (UG/L AS CR)	04/04/94-07/12/94	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01042 COPPER, TOTAL (UG/L AS CU)	04/04/94-07/12/94	2 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01055 MANGANESE, TOTAL (UG/L AS MN)	04/04/94-07/12/94	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01067 NICKEL, TOTAL (UG/L AS NI)	04/04/94-07/12/94	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01092 ZINC, TOTAL (UG/L AS ZN)	04/04/94-07/12/94	2 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
01147 SELENIUM, TOTAL (UG/L AS SE)	04/04/94-07/12/94	2	4.5	4.5	5.	4.	0.5	0.707	**	**	**	**
01167 SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	07/21/91-04/18/95	10 ##	2.5	2.7	5.	1.	2.344	1.531	1.	1.	4.25	5.
61027 ANIONS, SUM, TOTAL IN WATER MG/L	01/19/92-10/04/99	30	388.5	388.533	630.	143.	17715.154	133.098	202.1	259.75	496.25	575.2
61944 CATIONS, SUM, TOTAL IN WATER, MG/L	01/19/92-10/04/99	30	187.	196.3	315.	78.	4335.114	65.842	103.	140.75	253.	282.2
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/21/91-10/04/99	32	597.5	625.781	1000.	238.	45957.273	214.376	325.2	442.5	809.5	955.
74010 IRON, TOTAL (MG/L AS FE)	04/04/94-07/12/94	2	0.111	0.111	0.18	0.042	0.01	0.098	**	**	**	**
82702 ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	07/21/91-04/18/95	10 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5

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

Parameter Inventory for Station: CANY0276

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	07/21/91-04/18/95	10 ##	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	07/21/91-04/18/95	10 ##	10.	10.2	15.	9.067	3.011	6.	9.	11.25	15.
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	07/21/91-04/18/95	10	0.044	0.047	0.09	0.001	0.026	0.01	0.029	0.067	0.089
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	07/21/91-04/18/95	10	12.	12.58	28.	2.5	64.064	8.004	2.5	4.975	27.1
82715	NICKEL, FIELD ACIDIFIED, DECANTED, WATER UG/L	07/21/91-04/18/95	10 ##	5.	5.	5.	0.	0.	5.	5.	5.	5.
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	07/21/91-04/18/95	10 ##	15.	16.1	31.	46.544	6.822	10.	10.	17.5	30.4

** - 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: CANY0276

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
							Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	30	12	0.40	7	1	0.14	10	2	0.20	7	6	0.86	6	3	0.50
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00	1	0	0.00									
00400	PH	Fresh Chronic	9.	30	0	0.00	8	0	0.00	10	0	0.00	6	0	0.00	6	0	0.00
		Other-Lo Lim.	6.5	30	0	0.00	8	0	0.00	10	0	0.00	6	0	0.00	6	0	0.00
00406	PH, FIELD	Fresh Chronic	9.	19	0	0.00	5	0	0.00	6	0	0.00	5	0	0.00	3	0	0.00
		Other-Lo Lim.	6.5	19	0	0.00	5	0	0.00	6	0	0.00	5	0	0.00	3	0	0.00
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	32	0	0.00	8	0	0.00	11	0	0.00	7	0	0.00	6	0	0.00
		Drinking Water	250.	32	0	0.00	8	0	0.00	11	0	0.00	7	0	0.00	6	0	0.00
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	32	14	0.44	8	4	0.50	11	6	0.55	7	3	0.43	6	1	0.17
01002	ARSENIC, TOTAL	Fresh Acute	360.	2	0	0.00							1	0	0.00	1	0	0.00
		Drinking Water	50.	2	0	0.00							1	0	0.00	1	0	0.00
01034	CHROMIUM, TOTAL	Drinking Water	100.	2	0	0.00							1	0	0.00	1	0	0.00
01042	COPPER, TOTAL	Fresh Acute	18.	2	0	0.00							1	0	0.00	1	0	0.00
		Drinking Water	1300.	2	0	0.00							1	0	0.00	1	0	0.00
01067	NICKEL, TOTAL	Fresh Acute	1400.	2	0	0.00							1	0	0.00	1	0	0.00
		Drinking Water	100.	2	0	0.00							1	0	0.00	1	0	0.00
01092	ZINC, TOTAL	Fresh Acute	120.	2	0	0.00							1	0	0.00	1	0	0.00
		Drinking Water	5000.	2	0	0.00							1	0	0.00	1	0	0.00
01147	SELENIUM, TOTAL	Fresh Acute	20.	2	0	0.00							1	0	0.00	1	0	0.00
		Drinking Water	50.	2	0	0.00							1	0	0.00	1	0	0.00
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE	Fresh Acute	20.	10	0	0.00	2	0	0.00	4	0	0.00	2	0	0.00	2	0	0.00
		Drinking Water	50.	10	0	0.00	2	0	0.00	4	0	0.00	2	0	0.00	2	0	0.00
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	360.	10	0	0.00	2	0	0.00	4	0	0.00	2	0	0.00	2	0	0.00
		Drinking Water	50.	10	0	0.00	2	0	0.00	4	0	0.00	2	0	0.00	2	0	0.00
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WAT	Drinking Water	100.	10	0	0.00	2	0	0.00	4	0	0.00	2	0	0.00	2	0	0.00
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	18.	10	0	0.00	2	0	0.00	4	0	0.00	2	0	0.00	2	0	0.00
		Drinking Water	1300.	10	0	0.00	2	0	0.00	4	0	0.00	2	0	0.00	2	0	0.00
82715	NICKEL, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	1400.	10	0	0.00	2	0	0.00	4	0	0.00	2	0	0.00	2	0	0.00
		Drinking Water	100.	10	0	0.00	2	0	0.00	4	0	0.00	2	0	0.00	2	0	0.00
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	120.	10	0	0.00	2	0	0.00	4	0	0.00	2	0	0.00	2	0	0.00
		Drinking Water	5000.	10	0	0.00	2	0	0.00	4	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: CANY0277

NPS Station ID: CANY0277 LAT/LON: 38.460500/-109.671333

Location: COLORADO R. 1/4MI BL CNFL / MOAB SALT CO CANYON

Station Type: /TYPA/AMBNT/STREAM

RMI-Indexes:

RMI-Miles:

HUC: 14030005

Major Basin:

Minor Basin:

RF1 Index:

RF3 Index: 14030005001514.96

Description:

WATER SAMPLES WERE COLLECTED BY CANYONLANDS NATIONAL PARK

435-259-3911); ANALYZED BY THE UTAH DEPARTMENT OF HEALTH

ENVIRONMENTAL QUALITY - DIVISION OF WATER QUALITY.

Depth of Water: 0

Elevation: 0

RF1 Mile Point: 0.000

RF3 Mile Point: 19.71

Agency: 21UTAH

FIPS State/County: 49037 UTAH/SAN JUAN

STORET Station ID(s): 495625

Within Park Boundary: No

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 1.40

Distance from RF3: 0.01

Date Created: / /

On/Off RF1:

On/Off RF3:

NATURAL RESOURCE MANAGEMENT STAFF (125 W. 200 S.; MOAB UT 84532;
LABORATORY AND UPLOADED INTO STORET BY THE UTAH DEPARTMENT OF

Parameter Inventory for Station: CANY0277

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/18/91-04/12/99	33	16.8	15.888	25.33	0.	46.085	6.789	4.8	11.3	21.985	23.24
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/28/93-04/12/99	28	25.	22.739	36.	2.	99.262	9.963	6.9	15.	30.	35.
00061 FLOW, STREAM, INSTANTANEOUS CFS	08/24/93-09/09/97	1	6400.	6400.	6400.	6400.	0.	0.	**	**	**	**
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/18/91-04/12/99	46	57.25	93.826	699.	4.3	15642.671	125.071	10.044	23.575	106.25	231.2
00094 SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/18/91-04/12/99	32	873.5	853.531	1376.	340.	81213.805	284.98	420.9	582.75	1059.	1213.5
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/18/91-04/12/99	46	1000.	3066.609	99990.	320.	213487278.643	14611.204	418.8	682.5	1159.	1278.8
00191 HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	07/18/91-04/12/99	46	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00300 OXYGEN, DISSOLVED MG/L	07/18/91-08/06/98	16	7.8	7.858	9.5	6.2	0.684	0.827	6.816	7.225	8.475	9.08
00400 PH (STANDARD UNITS)	07/18/91-04/12/99	46	8.21	8.171	8.5	7.4	0.059	0.243	7.863	8.008	8.38	8.433
00400 CONVERTED PH (STANDARD UNITS)	07/18/91-04/12/99	46	8.21	8.09	8.5	7.4	0.066	0.256	7.863	8.007	8.38	8.433
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/18/91-04/12/99	46	0.006	0.008	0.04	0.003	0.	0.006	0.004	0.004	0.01	0.014
00405 CARBON DIOXIDE (MG/L AS CO2)	07/18/91-04/12/99	48	1.5	1.938	7.	1.	1.975	1.405	1.	1.	2.	4.1
00406 PH, FIELD, STANDARD UNITS SU	07/18/91-04/12/99	34	8.2	8.209	8.9	7.4	0.192	0.438	7.6	7.8	8.6	8.8
00406 CONVERTED PH, FIELD, STANDARD UNITS	07/18/91-04/12/99	34	8.2	8.007	8.9	7.4	0.234	0.484	7.6	7.8	8.6	8.8
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/18/91-04/12/99	34	0.006	0.01	0.04	0.001	0.	0.01	0.002	0.003	0.016	0.026
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	07/18/91-04/12/99	48	138.	133.479	185.	76.	710.17	26.649	87.7	113.	154.75	164.2
00440 BICARBONATE ION (MG/L AS HCO3)	07/18/91-04/12/99	48	168.5	162.854	226.	93.	1060.383	32.564	106.6	138.	188.75	200.2
00445 CARBONATE ION (MG/L AS CO3)	07/18/91-04/12/99	46	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/18/91-04/12/99	46	143.	210.033	1190.	9.	57227.746	239.223	20.84	54.75	275.2	480.3
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/18/91-08/06/98	21 ##	0.025	0.041	0.095	0.025	0.001	0.024	0.025	0.025	0.061	0.087
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/18/91-05/06/97	14	0.465	0.579	1.84	0.12	0.202	0.45	0.15	0.255	0.811	1.359
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/16/96-08/21/96	2	0.51	0.51	0.75	0.27	0.115	0.339	**	**	**	**
00631 NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/18/91-08/06/98	19	0.364	0.474	0.88	0.16	0.051	0.226	0.21	0.3	0.68	0.86
00665 PHOSPHORUS, TOTAL (MG/L AS P)	07/18/91-08/06/98	17	0.13	0.203	0.934	0.01	0.048	0.219	0.04	0.065	0.233	0.565
00666 PHOSPHORUS, DISSOLVED (MG/L AS P)	07/18/91-09/09/97	16	0.01	0.03	0.232	0.005	0.003	0.058	0.005	0.005	0.018	0.134
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	07/18/91-04/12/99	46	305.25	298.672	464.	119.4	8899.103	94.335	158.19	221.875	371.35	431.54
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	07/18/91-04/12/99	48	78.9	78.529	120.	34.	607.973	24.657	41.98	58.	99.8	110.3
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	07/18/91-04/12/99	48	25.8	25.021	42.	8.4	81.693	9.038	11.	18.	31.675	36.3
00930 SODIUM, DISSOLVED (MG/L AS Na)	07/18/91-04/12/99	48	81.05	80.631	160.	17.	1266.733	35.591	26.78	54.85	109.	122.1
00935 POTASSIUM, DISSOLVED (MG/L AS K)	07/18/91-04/12/99	48	3.6	3.61	6.	1.3	1.317	1.148	1.812	2.808	4.483	5.059
00941 CHLORIDE, DISSOLVED IN WATER MG/L	07/18/91-04/12/99	48	86.7	703.832	30000.	13.5	18651172.422	4318.7	22.45	49.875	111.5	136.995

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

Parameter Inventory for Station: CANY0277

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/18/91-04/12/99	48	223.58	209.503	447.39	5.	9869.814	99.347	68.413	125.258	290.69	325.716
01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/08/92-08/06/98	16 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
01002	ARSENIC, TOTAL (UG/L AS AS)	04/04/94-07/12/94	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	10/08/92-08/06/98	16	65.	69.813	110.	41.	333.496	18.262	46.6	56.5	80.75	100.9
01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/08/92-08/06/98	16 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/08/92-08/06/98	16 ##	2.5	3.688	12.	2.5	10.529	3.245	2.5	2.5	2.5	12.
01034	CHROMIUM, TOTAL (UG/L AS CR)	04/04/94-07/12/94	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	10/08/92-08/06/98	16 ##	6.	9.813	50.	6.	121.096	11.004	6.	6.	9.	25.5
01042	COPPER, TOTAL (UG/L AS CU)	04/04/94-07/12/94	2 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	10/08/92-08/06/98	16 ##	12.5	24.769	118.	10.	758.396	27.539	10.	10.	32.625	68.51
01049	LEAD, DISSOLVED (UG/L AS PB)	10/08/92-08/06/98	16 ##	1.5	1.75	4.5	1.5	0.6	0.775	1.5	1.5	1.5	3.1
01055	MANGANESE, TOTAL (UG/L AS MN)	04/04/94-07/12/94	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/08/92-08/06/98	16 ##	2.5	4.175	11.	2.5	9.01	3.002	2.5	2.5	5.	11.
01067	NICKEL, TOTAL (UG/L AS NI)	04/04/94-07/12/94	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	10/08/92-08/06/98	16 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
01090	ZINC, DISSOLVED (UG/L AS ZN)	10/08/92-08/06/98	16 ##	15.	15.938	35.	10.	27.396	5.234	13.5	15.	15.	21.
01092	ZINC, TOTAL (UG/L AS ZN)	04/04/94-07/12/94	2 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	04/19/95-08/06/98	13	33.	46.462	120.	15.	1663.936	40.791	15.	15.	78.5	120.
01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/08/92-08/06/98	16	3.1	2.944	5.7	0.5	2.512	1.585	0.85	1.475	4.075	5.21
01147	SELENIUM, TOTAL (UG/L AS SE)	04/04/94-07/12/94	2	4.5	4.5	5.	4.	0.5	0.707	**	**	**	**
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	07/18/91-04/18/95	11 ##	2.5	2.864	5.	1.	1.805	1.343	1.	2.5	4.	5.
61027	ANIONS, SUM, TOTAL IN WATER MG/L	07/18/91-04/12/99	47	389.	1001.426	30130.	0.	18869004.076	4343.847	151.2	253.	489.	548.4
61944	CATIONS, SUM, TOTAL IN WATER, MG/L	07/18/91-04/12/99	47	197.	185.021	315.	0.	5158.63	71.824	78.8	134.	238.	275.4
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/18/91-04/12/99	48	636.	605.375	1000.	200.	46793.388	216.318	270.6	445.5	786.5	883.4
71890	MERCURY, DISSOLVED (UG/L AS HG)	10/08/92-08/06/98	16 ##	0.1	0.119	0.41	0.1	0.006	0.077	0.1	0.1	0.1	0.193
74010	IRON, TOTAL (MG/L AS FE)	04/04/94-07/12/94	2	0.046	0.046	0.059	0.032	0.	0.019	**	**	**	**
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	07/18/91-04/18/95	11 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	07/18/91-05/15/93	3	0.11	0.118	0.17	0.074	0.002	0.048	**	**	**	**
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	07/18/91-05/15/93	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	07/18/91-04/18/95	11 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	07/18/91-04/18/95	11 ##	10.	9.273	10.	6.	2.618	1.618	6.	10.	10.	10.
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	07/18/91-04/18/95	11	0.069	0.607	4.8	0.01	2.099	1.449	0.011	0.031	0.093	4.12
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	07/18/91-05/15/93	3 ##	2.5	4.667	10.	1.5	21.583	4.646	**	**	**	**
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	07/18/91-04/18/95	11	13.	47.118	320.	2.5	8912.904	94.408	2.5	5.	26.	275.4
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	07/18/91-05/15/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82715	NICKEL, FIELD ACIDIFIED, DECANTED, WATER UG/L	01/19/92-04/18/95	8 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	07/18/91-05/15/93	3 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	07/18/91-04/18/95	11 ##	15.	18.273	51.	10.	137.818	11.74	10.	10.	20.	45.8

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

EPA Water Quality Criteria Analysis for Station: CANY0277

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	46	26	0.57	16	8	0.50	12	3	0.25	11	10	0.91	7	5	0.71
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	16	0	0.00	10	0	0.00	1	0	0.00	2	0	0.00	3	0	0.00
00400	PH	Fresh Chronic	9.	46	0	0.00	17	0	0.00	12	0	0.00	10	0	0.00	7	0	0.00
		Other-Lo Lim.	6.5	46	0	0.00	17	0	0.00	12	0	0.00	10	0	0.00	7	0	0.00
00406	PH, FIELD	Fresh Chronic	9.	34	0	0.00	15	0	0.00	6	0	0.00	7	0	0.00	6	0	0.00
		Other-Lo Lim.	6.5	34	0	0.00	15	0	0.00	6	0	0.00	7	0	0.00	6	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00	2	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	19	0	0.00	10	0	0.00	1	0	0.00	4	0	0.00	4	0	0.00
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	48	1	0.02	17	0	0.00	13	0	0.00	11	0	0.00	7	1	0.14
		Drinking Water	250.	48	1	0.02	17	0	0.00	13	0	0.00	11	0	0.00	7	1	0.14
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	48	20	0.42	17	10	0.59	13	8	0.62	11	1	0.09	7	1	0.14
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	16	0	0.00	10	0	0.00				2	0	0.00	4	0	0.00
		Drinking Water	50.	16	0	0.00	10	0	0.00				2	0	0.00	4	0	0.00
01002	ARSENIC, TOTAL	Fresh Acute	360.	2	0	0.00							1	0	0.00	1	0	0.00
		Drinking Water	50.	2	0	0.00							1	0	0.00	1	0	0.00

& - 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: CANY0277

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
01005 BARIUM, DISSOLVED	Drinking Water	2000.	16	0	0.00	10	0	0.00				2	0	0.00	4	0	0.00
01025 CADMIUM, DISSOLVED	Fresh Acute	3.9	16	0	0.00	10	0	0.00				2	0	0.00	4	0	0.00
	Drinking Water	5.	16	0	0.00	10	0	0.00				2	0	0.00	4	0	0.00
01030 CHROMIUM, DISSOLVED	Drinking Water	100.	16	0	0.00	10	0	0.00				2	0	0.00	4	0	0.00
01034 CHROMIUM, TOTAL	Drinking Water	100.	2	0	0.00							1	0	0.00	1	0	0.00
01040 COPPER, DISSOLVED	Fresh Acute	18.	16	1	0.06	10	1	0.10				2	0	0.00	4	0	0.00
	Drinking Water	1300.	16	0	0.00	10	0	0.00				2	0	0.00	4	0	0.00
01042 COPPER, TOTAL	Fresh Acute	18.	2	0	0.00							1	0	0.00	1	0	0.00
	Drinking Water	1300.	2	0	0.00							1	0	0.00	1	0	0.00
01049 LEAD, DISSOLVED	Fresh Acute	82.	16	0	0.00	10	0	0.00				2	0	0.00	4	0	0.00
	Drinking Water	15.	16	0	0.00	10	0	0.00				2	0	0.00	4	0	0.00
01067 NICKEL, TOTAL	Fresh Acute	1400.	2	0	0.00							1	0	0.00	1	0	0.00
	Drinking Water	100.	2	0	0.00							1	0	0.00	1	0	0.00
01075 SILVER, DISSOLVED	Fresh Acute	4.1	16	0	0.00	10	0	0.00				2	0	0.00	4	0	0.00
	Drinking Water	100.	16	0	0.00	10	0	0.00				2	0	0.00	4	0	0.00
01090 ZINC, DISSOLVED	Fresh Acute	120.	16	0	0.00	10	0	0.00				2	0	0.00	4	0	0.00
	Drinking Water	5000.	16	0	0.00	10	0	0.00				2	0	0.00	4	0	0.00
01092 ZINC, TOTAL	Fresh Acute	120.	2	0	0.00							1	0	0.00	1	0	0.00
	Drinking Water	5000.	2	0	0.00							1	0	0.00	1	0	0.00
01145 SELENIUM, DISSOLVED	Fresh Acute	20.	16	0	0.00	10	0	0.00				2	0	0.00	4	0	0.00
	Drinking Water	50.	16	0	0.00	10	0	0.00				2	0	0.00	4	0	0.00
01147 SELENIUM, TOTAL	Fresh Acute	20.	2	0	0.00							1	0	0.00	1	0	0.00
	Drinking Water	50.	2	0	0.00							1	0	0.00	1	0	0.00
01167 SELENIUM, ACID SOLUBLE, WATER, WHOLE	Fresh Acute	20.	11	0	0.00	2	0	0.00	5	0	0.00	4	0	0.00			
	Drinking Water	50.	11	0	0.00	2	0	0.00	5	0	0.00	4	0	0.00			
71890 MERCURY, DISSOLVED	Fresh Acute	2.4	16	0	0.00	10	0	0.00				2	0	0.00	4	0	0.00
	Drinking Water	2.	16	0	0.00	10	0	0.00				2	0	0.00	4	0	0.00
82702 ARSENIC, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	360.	11	0	0.00	2	0	0.00	5	0	0.00	4	0	0.00			
	Drinking Water	50.	11	0	0.00	2	0	0.00	5	0	0.00	4	0	0.00			
82703 BARIUM, FIELD ACIDIFIED, DECANTED, WATER	Drinking Water	2.	3	0	0.00	1	0	0.00				2	0	0.00			
82705 CADMIUM, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	3.9	3	0	0.00	1	0	0.00				2	0	0.00			
	Drinking Water	5.	3	0	0.00	1	0	0.00				2	0	0.00			
82706 CHROMIUM, FIELD ACIDIFIED, DECANTED, WAT	Drinking Water	100.	11	0	0.00	2	0	0.00	5	0	0.00	4	0	0.00			
82708 COPPER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	18.	11	0	0.00	2	0	0.00	5	0	0.00	4	0	0.00			
	Drinking Water	1300.	11	0	0.00	2	0	0.00	5	0	0.00	4	0	0.00			
82711 LEAD, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	82.	3	0	0.00	1	0	0.00				2	0	0.00			
	Drinking Water	15.	3	0	0.00	1	0	0.00				2	0	0.00			
82713 MERCURY, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	2.4	3	0	0.00	1	0	0.00				2	0	0.00			
	Drinking Water	2.	3	0	0.00	1	0	0.00				2	0	0.00			
82715 NICKEL, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	1400.	8	0	0.00	1	0	0.00	5	0	0.00	2	0	0.00			
	Drinking Water	100.	8	0	0.00	1	0	0.00	5	0	0.00	2	0	0.00			
82716 SILVER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	4.1	3	0	0.00	1	0	0.00				2	0	0.00			
	Drinking Water	100.	3	0	0.00	1	0	0.00				2	0	0.00			
82719 ZINC, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	120.	11	0	0.00	2	0	0.00	5	0	0.00	4	0	0.00			
	Drinking Water	5000.	11	0	0.00	2	0	0.00	5	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: 7/15 to 10/14 - Station CANY0277

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/18/91-04/12/99	16	52.75	79.4	241.	11.9	5178.056	71.959	16.17	26.5	101.6	231.2
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/18/91-04/12/99	16	1069.	1040.	1360.	726.	40690.	201.718	742.1	850.	1180.75	1350.2
00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	07/18/91-04/12/99	16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00300	OXYGEN, DISSOLVED MG/L	07/18/91-08/06/98	10	7.45	7.752	8.9	7.08	0.441	0.664	7.092	7.2	8.355	8.88
00400	PH (STANDARD UNITS)	07/18/91-04/12/99	17	8.31	8.258	8.5	7.9	0.034	0.183	7.98	8.11	8.41	8.476
00400	CONVERTED PH (STANDARD UNITS)	07/18/91-04/12/99	17	8.31	8.219	8.5	7.9	0.035	0.187	7.98	8.11	8.41	8.476
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/18/91-04/12/99	17	0.005	0.006	0.013	0.003	0.	0.003	0.003	0.004	0.008	0.011
00405	CARBON DIOXIDE (MG/L AS CO2)	07/18/91-04/12/99	17	1.	1.353	3.	1.	0.368	0.606	1.	1.	2.	2.2
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	07/18/91-04/12/99	17	144.	139.706	164.	85.	496.346	22.279	105.8	122.5	158.	163.2
00440	BICARBONATE ION (MG/L AS HCO3)	07/18/91-04/12/99	17	175.	170.353	200.	103.	737.618	27.159	129.4	149.5	192.	199.2
00445	CARBONATE ION (MG/L AS CO3)	07/18/91-04/12/99	16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/18/91-04/12/99	16	164.15	191.144	689.	21.2	27223.344	164.995	31.56	58.35	260.9	437.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/18/91-08/06/98	12 ##	0.042	0.047	0.095	0.025	0.001	0.025	0.025	0.025	0.068	0.089
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/18/91-08/06/98	10	0.676	0.625	0.88	0.3	0.043	0.206	0.305	0.388	0.796	0.878
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/18/91-08/06/98	9	0.108	0.116	0.29	0.01	0.007	0.086	0.01	0.054	0.167	0.29
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	07/18/91-04/12/99	16	366.6	359.5	464.	237.4	5517.052	74.277	239.5	293.	425.125	452.31
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	07/18/91-04/12/99	17	99.2	92.606	120.	41.	483.934	21.999	60.2	73.9	110.	117.6
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/18/91-04/12/99	17	29.4	28.188	42.	11.	70.16	8.376	16.68	20.75	34.45	40.4
00930	SODIUM, DISSOLVED (MG/L AS Na)	07/18/91-04/12/99	17	84.1	83.835	120.	31.	650.332	25.502	50.68	60.95	103.	120.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/18/91-04/12/99	17	3.69	3.781	6.	2.	0.878	0.937	2.32	3.27	4.3	5.056
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/18/91-04/12/99	17	74.3	80.141	118.	29.	618.081	24.861	50.2	59.5	103.1	113.6
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/18/91-04/12/99	17	290.	247.106	447.39	5.	10888.619	104.349	76.976	174.8	312.15	352.758
61027	ANIONS, SUM, TOTAL IN WATER MG/L	07/18/91-04/12/99	17	447.	401.118	654.	0.	24330.61	155.983	146.4	300.5	500.	559.6
61944	CATIONS, SUM, TOTAL IN WATER, MG/L	07/18/91-04/12/99	17	217.	203.471	286.	0.	4878.265	69.845	112.8	158.5	252.5	278.8
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/18/91-04/12/99	17	676.	675.529	942.	276.	35795.765	189.198	420.	513.	824.	916.4

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

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station CANY0277

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/18/91-04/12/99	12	17.6	27.448	86.	4.3	690.746	26.282	4.48	6.095	49.7	77.9
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/18/91-04/12/99	12	1085.5	1102.167	1540.	868.	31417.788	177.251	874.3	1002.	1175.75	1453.
00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	07/18/91-04/12/99	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00300	OXYGEN, DISSOLVED MG/L	07/18/91-08/06/98	1	9.5	9.5	9.5	9.5	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/18/91-04/12/99	12	8.27	8.264	8.48	8.08	0.017	0.132	8.086	8.125	8.365	8.468
00400	CONVERTED PH (STANDARD UNITS)	07/18/91-04/12/99	12	8.269	8.246	8.48	8.08	0.018	0.133	8.086	8.125	8.365	8.468
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/18/91-04/12/99	12	0.005	0.006	0.008	0.003	0.	0.002	0.003	0.004	0.008	0.008
00405	CARBON DIOXIDE (MG/L AS CO2)	07/18/91-04/12/99	13	2.	1.846	5.	1.	1.141	1.068	1.	1.	2.	3.8
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	07/18/91-04/12/99	13	146.	152.462	185.	132.	284.936	16.88	133.6	138.	167.	181.
00440	BICARBONATE ION (MG/L AS HCO3)	07/18/91-04/12/99	13	178.	186.154	226.	161.	431.974	20.784	163.	168.5	204.	221.2
00445	CARBONATE ION (MG/L AS CO3)	07/18/91-04/12/99	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/18/91-04/12/99	12	40.4	60.167	145.	9.	2457.439	49.573	11.58	19.25	102.2	143.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/18/91-08/06/98	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/18/91-08/06/98	1	0.44	0.44	0.44	0.44	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/18/91-08/06/98	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	07/18/91-04/12/99	12	347.7	337.75	434.9	234.5	2936.423	54.189	250.04	299.5	374.45	421.25
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	07/18/91-04/12/99	13	92.	88.8	120.	58.2	263.213	16.224	64.52	77.	97.8	116.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/18/91-04/12/99	13	31.	30.523	39.	21.7	28.964	5.382	22.74	25.85	34.5	39.
00930	SODIUM, DISSOLVED (MG/L AS Na)	07/18/91-04/12/99	13	110.	111.546	160.	75.5	557.893	23.62	79.02	95.15	126.5	152.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/18/91-04/12/99	13	4.43	4.294	5.6	3.17	0.576	0.759	3.238	3.64	4.7	5.56
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/18/91-04/12/99	13	110.	118.45	190.	68.5	1145.557	33.846	77.1	93.7	140.975	179.
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/18/91-04/12/99	13	262.34	259.737	388.89	160.	3586.83	59.89	170.28	216.05	287.36	365.562
61027	ANIONS, SUM, TOTAL IN WATER MG/L	07/18/91-04/12/99	13	469.	469.769	632.	329.	7826.859	88.47	331.8	419.5	523.5	618.4
61944	CATIONS, SUM, TOTAL IN WATER, MG/L	07/18/91-04/12/99	13	231.	235.308	315.	168.	1664.231	40.795	174.	207.	266.	302.6
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/18/91-04/12/99	13	744.	750.615	1000.	558.	15994.256	126.468	559.6	660.	831.	958.4

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

Seasonal Analysis for Season #3: 4/01 to 5/31 - Station CANY0277

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/18/91-04/12/99	11	119.	208.882	699.	43.7	40308.794	200.77	46.36	63.	350.	639.2
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/18/91-04/12/99	11	669.	734.818	1170.	423.	60807.764	246.592	438.8	526.	841.	1167.6
00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	07/18/91-04/12/99	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00300	OXYGEN, DISSOLVED MG/L	07/18/91-08/06/98	2	6.95	6.95	7.7	6.2	1.125	1.061	**	**	**	**
00400	PH (STANDARD UNITS)	07/18/91-04/12/99	10	8.1	8.057	8.42	7.62	0.077	0.278	7.628	7.842	8.285	8.417
00400	CONVERTED PH (STANDARD UNITS)	07/18/91-04/12/99	10	8.089	7.977	8.42	7.62	0.084	0.291	7.628	7.842	8.285	8.417
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/18/91-04/12/99	10	0.008	0.011	0.024	0.004	0.	0.007	0.004	0.005	0.015	0.024
00405	CARBON DIOXIDE (MG/L AS CO2)	07/18/91-04/12/99	11	2.	2.545	6.	1.	3.073	1.753	1.	1.	4.	5.8
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	07/18/91-04/12/99	11	130.	126.727	154.	103.	293.418	17.129	104.4	112.	143.	153.
00440	BICARBONATE ION (MG/L AS HCO3)	07/18/91-04/12/99	11	159.	154.545	188.	126.	437.873	20.925	127.6	136.	175.	186.6
00445	CARBONATE ION (MG/L AS CO3)	07/18/91-04/12/99	11	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/18/91-04/12/99	11	309.	405.455	1190.	66.	134834.873	367.199	69.6	115.	656.	1135.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/18/91-08/06/98	4 ##	0.025	0.041	0.09	0.025	0.001	0.033	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/18/91-08/06/98	4	0.344	0.338	0.364	0.3	0.001	0.028	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/18/91-08/06/98	4	0.362	0.468	0.934	0.216	0.109	0.331	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	07/18/91-04/12/99	11	218.8	235.609	341.6	165.8	3240.497	56.925	169.14	191.5	262.3	338.88
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	07/18/91-04/12/99	11	58.	61.055	86.6	45.	170.239	13.048	45.88	52.	66.7	85.68
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/18/91-04/12/99	11	18.	20.236	30.5	13.	35.765	5.98	13.28	15.	24.	30.4
00930	SODIUM, DISSOLVED (MG/L AS Na)	07/18/91-04/12/99	11	54.6	64.855	122.	27.	1011.223	31.8	28.22	38.	76.2	121.6
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/18/91-04/12/99	11	2.9	3.439	5.7	2.12	1.39	1.179	2.176	2.5	4.6	5.562
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/18/91-04/12/99	11	48.	61.291	126.	18.9	1326.117	36.416	20.22	33.7	88.5	125.4
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/18/91-04/12/99	11	139.48	157.854	259.	83.364	3924.631	62.647	85.051	92.55	227.53	253.8
61027	ANIONS, SUM, TOTAL IN WATER MG/L	07/18/91-04/12/99	10	258.	279.4	471.	181.	8490.489	92.144	181.5	208.5	354.75	460.2
61944	CATIONS, SUM, TOTAL IN WATER, MG/L	07/18/91-04/12/99	10	133.	140.9	244.	88.	1982.767	44.528	89.1	105.	162.25	235.9
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/18/91-04/12/99	11	470.	488.182	724.	304.	21953.964	148.169	306.4	346.	624.	717.2

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

Seasonal Analysis for Season #4: 6/01 to 7/14 - Station CANY0277

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th	
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	07/18/91-04/12/99	7	61.7	59.786	110.	18.	939.011	30.643	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/18/91-04/12/99	7	409.	14730.714	99990.	320.	1413528601.571	37596.923	**	**	**	**
00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	07/18/91-04/12/99	7	0.	0.	0.	0.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/18/91-08/06/98	3	8.4	8.267	8.5	7.9	0.103	0.321	**	**	**	**
00400	PH (STANDARD UNITS)	07/18/91-04/12/99	7	7.97	7.961	8.39	7.4	0.095	0.309	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/18/91-04/12/99	7	7.97	7.857	8.39	7.4	0.108	0.329	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/18/91-04/12/99	7	0.011	0.014	0.04	0.004	0.	0.012	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	07/18/91-04/12/99	7	2.	2.571	7.	1.	4.952	2.225	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	07/18/91-04/12/99	7	88.	93.714	131.	76.	361.571	19.015	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	07/18/91-04/12/99	7	107.	114.429	160.	93.	547.619	23.401	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	07/18/91-04/12/99	7	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/18/91-04/12/99	7	208.8	203.029	405.	39.	15976.859	126.4	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/18/91-08/06/98	4##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/18/91-08/06/98	4	0.239	0.24	0.32	0.16	0.005	0.069	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/18/91-08/06/98	3	0.15	0.159	0.207	0.12	0.002	0.044	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	07/18/91-04/12/99	7	150.	191.743	385.3	119.4	8614.883	92.816	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	07/18/91-04/12/99	7	42.	52.729	100.	34.	535.362	23.138	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/18/91-04/12/99	7	11.	14.629	33.	8.4	73.316	8.562	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS Na)	07/18/91-04/12/99	7	24.8	40.229	100.	17.	926.766	30.443	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/18/91-04/12/99	7	1.74	2.196	4.2	1.3	1.024	1.012	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/18/91-04/12/99	7	22.5	4315.357	30000.	13.5	128276231.476	11325.91	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/18/91-04/12/99	7	68.51	106.055	302.87	58.	7713.14	87.824	**	**	**	**
61027	ANIONS, SUM, TOTAL IN WATER MG/L	07/18/91-04/12/99	7	154.	4478.143	30130.	118.	127964594.476	11312.144	**	**	**	**
61944	CATIONS, SUM, TOTAL IN WATER, MG/L	07/18/91-04/12/99	7	79.	109.857	237.	61.	3959.143	62.922	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/18/91-04/12/99	7	258.	349.429	776.	200.	41258.286	203.121	**	**	**	**

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

Station Inventory for Station: CANY0278

NPS Station ID: CANY0278 LAT/LON: 38.463500/-110.193833

Location: MOONSHINE CANYON OF HORSESHOE CANYON

Station Type: /TYP/AMBNT/STREAM

RMI-Indexes:

RMI-Miles:

HUC: 14060008

Major Basin:

Minor Basin:

RF1 Index:

RF3 Index: 14070004002901.17

Description:

WATER QUALITY STATION IS LOCATED IN CANYONLANDS NP. THIS PARK IS MANAGED BY THE NATIONAL PARK SERVICE'S SOUTHEAST UTAH GROUP. WATER

SAMPLES WERE COLLECTED BY CANYONLANDS NATIONAL PARK NATURAL RESOURCE MANAGEMENT STAFF (125 W. 200 S.; MOAB UT 84532; TELEPHONE:

435-259-3911); ANALYZED BY THE UTAH DEPARTMENT OF HEALTH LABORATORY; AND UPLOADED INTO STORET BY THE UTAH DEPARTMENT OF ENVIRONMENTAL

QUALITY - DIVISION OF WATER QUALITY.

Agency: 21UTAH

FIPS State/County: 49055 UTAH/WAYNE

STORET Station ID(s): 599557

Within Park Boundary: Yes

Date Created: / /

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 0.80

Distance from RF3: 0.11

On/Off RF1:

On/Off RF3:

Depth of Water: 0

Elevation: 0

RF1 Mile Point: 0.000

RF3 Mile Point: 2.36

Parameter Inventory for Station: CANY0278

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/17/97-09/03/98	4	8.15	8.75	17.7	1.	59.003	7.681	**	**	**	**
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/17/97-09/03/98	4	11.5	13.25	30.	0.	155.583	12.473	**	**	**	**
00058 FLOW, RATE GALLONS/MIN	11/17/97-09/03/98	2	0.2	0.2	0.3	0.1	0.02	0.141	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	02/23/98-02/23/98	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/17/97-09/03/98	4	34.1	75.553	231.	3.01	10970.986	104.742	**	**	**	**
00094 SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/17/97-09/03/98	4	402.	424.75	574.	321.	11880.917	109.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/17/97-09/03/98	4	404.5	407.	471.	348.	3467.333	58.884	**	**	**	**
00191 HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	11/17/97-09/03/98	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	02/23/98-09/03/98	3	3.3	4.433	9.6	0.4	22.123	4.704	**	**	**	**
00400 PH (STANDARD UNITS)	02/23/98-09/03/98	3	7.87	7.827	7.88	7.73	0.007	0.084	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	02/23/98-09/03/98	3	7.87	7.821	7.88	7.73	0.007	0.084	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/23/98-09/03/98	3	0.013	0.015	0.019	0.013	0.	0.003	**	**	**	**
00405 CARBON DIOXIDE (MG/L AS CO2)	11/17/97-09/03/98	4	4.5	4.75	9.	1.	10.917	3.304	**	**	**	**
00406 PH, FIELD, STANDARD UNITS SU	11/17/97-09/03/98	4	8.	7.825	8.2	7.1	0.249	0.499	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS	11/17/97-09/03/98	4	7.989	7.576	8.2	7.1	0.332	0.576	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/17/97-09/03/98	4	0.01	0.027	0.079	0.006	0.001	0.035	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	11/17/97-09/03/98	4	183.	187.25	248.	135.	2248.25	47.416	**	**	**	**
00440 BICARBONATE ION (MG/L AS HCO3)	11/17/97-09/03/98	4	223.	228.25	302.	165.	3314.917	57.575	**	**	**	**
00445 CARBONATE ION (MG/L AS CO3)	11/17/97-09/03/98	4	0.	0.	0.	0.	0.	0.	**	**	**	**
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/17/97-09/03/98	4	36.8	77.4	236.	0.	11945.12	109.294	**	**	**	**
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/17/97-09/03/98	4 ##	0.025	0.139	0.48	0.025	0.052	0.228	**	**	**	**
00631 NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	11/17/97-09/03/98	4	0.3	0.335	0.69	0.05	0.112	0.334	**	**	**	**
00665 PHOSPHORUS, TOTAL (MG/L AS P)	11/17/97-09/03/98	4 ##	0.017	0.024	0.057	0.005	0.001	0.024	**	**	**	**
00666 PHOSPHORUS, DISSOLVED (MG/L AS P)	11/17/97-09/03/98	4 ##	0.01	0.02	0.05	0.01	0.	0.02	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	11/17/97-09/03/98	4	213.3	202.45	215.8	167.4	550.33	23.459	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	11/17/97-09/03/98	4	34.15	34.975	46.9	24.7	89.249	9.447	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	11/17/97-09/03/98	4	27.8	28.	33.5	22.9	21.72	4.66	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	11/17/97-09/03/98	4	6.995	6.303	8.01	3.21	4.505	2.122	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	11/17/97-09/03/98	4	4.665	5.17	7.76	3.59	3.24	1.8	**	**	**	**

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

Parameter Inventory for Station: CANY0278

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00941	CHLORIDE, DISSOLVED IN WATER MG/L	11/17/97-09/03/98	4	11.5	10.25	13.	5.	12.75	3.571	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	11/17/97-09/03/98	4	19.13	19.315	34.	5.	148.24	12.175	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	11/17/97-09/03/98	4 ##	2.5	7.125	21.	2.5	85.563	9.25	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	11/17/97-09/03/98	4	117.5	195.5	480.	67.	37244.333	192.988	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	11/17/97-09/03/98	4 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	11/17/97-09/03/98	4 ##	4.05	6.4	15.	2.5	35.007	5.917	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	11/17/97-09/03/98	4 ##	6.	6.	6.	6.	0.	0.	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	11/17/97-09/03/98	4	29.3	27.575	41.7	10.	172.409	13.13	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	11/17/97-09/03/98	4 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	11/17/97-09/03/98	4	95.	271.75	840.	57.	144652.25	380.332	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	11/17/97-09/03/98	4 ##	1.	1.	1.	1.	0.	0.	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	11/17/97-09/03/98	4 ##	15.	15.	15.	15.	0.	0.	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	11/17/97-09/03/98	4	150.	227.5	550.	60.	48091.667	219.298	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	11/17/97-09/03/98	4 ##	1.25	1.6	3.4	0.5	1.94	1.393	**	**	**
61027	ANIONS, SUM, TOTAL IN WATER MG/L	02/23/98-09/03/98	3	151.	141.	164.	108.	859.	29.309	**	**	**
61944	CATIONS, SUM, TOTAL IN WATER, MG/L	02/23/98-09/03/98	3	79.	73.667	81.	61.	121.333	11.015	**	**	**
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	11/17/97-09/03/98	4	235.	237.5	290.	190.	1729.	41.581	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	11/17/97-09/03/98	4 ##	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: CANY0278

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	4	1	0.25	1	1.00	2	0	0.00				1	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	3	2	0.67	1	1.00	1	0	0.00				1	1	1.00
00400	PH	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
00406	PH, FIELD	Fresh Chronic	9.	4	0	0.00	1	0	0.00	2	0	0.00			1	0	0.00
		Other-Lo Lim.	6.5	4	0	0.00	1	0	0.00	2	0	0.00			1	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	4	0	0.00	1	0	0.00	2	0	0.00			1	0	0.00
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	4	0	0.00	1	0	0.00	2	0	0.00			1	0	0.00
		Drinking Water	250.	4	0	0.00	1	0	0.00	2	0	0.00			1	0	0.00
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	4	0	0.00	1	0	0.00	2	0	0.00			1	0	0.00
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	4	0	0.00	1	0	0.00	2	0	0.00			1	0	0.00
		Drinking Water	50.	4	0	0.00	1	0	0.00	2	0	0.00			1	0	0.00
01005	BARIUM, DISSOLVED	Drinking Water	2000.	4	0	0.00	1	0	0.00	2	0	0.00			1	0	0.00
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	4	0	0.00	1	0	0.00	2	0	0.00			1	0	0.00
		Drinking Water	5.	4	0	0.00	1	0	0.00	2	0	0.00			1	0	0.00
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	4	0	0.00	1	0	0.00	2	0	0.00			1	0	0.00
01040	COPPER, DISSOLVED	Fresh Acute	18.	4	0	0.00	1	0	0.00	2	0	0.00			1	0	0.00
		Drinking Water	1300.	4	0	0.00	1	0	0.00	2	0	0.00			1	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	4	0	0.00	1	0	0.00	2	0	0.00			1	0	0.00
		Drinking Water	15.	4	0	0.00	1	0	0.00	2	0	0.00			1	0	0.00
01075	SILVER, DISSOLVED	Fresh Acute	4.1	4	0	0.00	1	0	0.00	2	0	0.00			1	0	0.00
		Drinking Water	100.	4	0	0.00	1	0	0.00	2	0	0.00			1	0	0.00
01090	ZINC, DISSOLVED	Fresh Acute	120.	4	0	0.00	1	0	0.00	2	0	0.00			1	0	0.00
		Drinking Water	5000.	4	0	0.00	1	0	0.00	2	0	0.00			1	0	0.00
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	4	0	0.00	1	0	0.00	2	0	0.00			1	0	0.00
		Drinking Water	50.	4	0	0.00	1	0	0.00	2	0	0.00			1	0	0.00
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	4	0	0.00	1	0	0.00	2	0	0.00			1	0	0.00
		Drinking Water	2.	4	0	0.00	1	0	0.00	2	0	0.00			1	0	0.00

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

Station Inventory for Station: CANY0279

NPS Station ID: CANY0279 LAT/LON: 38.464333/-109.772167

Location: SHAFER SPG/ SHAFER CYN .75 MI AB COLORADO R: SCS

Station Type: /TYPA/AMBNT/SPRING

RMI-Indexes:

RMI-Miles:

HUC: 14030005

Major Basin:

Minor Basin:

RF1 Index:

RF3 Index: 14060008040500.00

Description:

WATER QUALITY STATION IS LOCATED IN CANYONLANDS NP. THIS PARK IS

SAMPLES WERE COLLECTED BY CANYONLANDS NATIONAL PARK NATURAL RESOURCE

435-259-3911); ANALYZED BY THE UTAH DEPARTMENT OF HEALTH LABORATORY;

QUALITY - DIVISION OF WATER QUALITY. DATA COLLECTED AT THE SAME

Depth of Water: 0

Elevation: 0

RF1 Mile Point: 0.000

RF3 Mile Point: 0.99

Agency: 21UTAH

FIPS State/County: 49037 UTAH/SAN JUAN

STORET Station ID(s): 599562

Within Park Boundary: Yes

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 23.70

Distance from RF3: 0.04

Date Created: / /

On/Off RF1:

On/Off RF3:

Parameter Inventory for Station: CANY0279

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/90-10/04/90	1	25.8	25.8	25.8	25.8	0.	0.	**	**	**	**
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/04/90-10/04/90	1	125.	125.	125.	125.	0.	0.	**	**	**	**
00094 SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/04/90-10/04/90	1	241.	241.	241.	241.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/04/90-10/04/90	1	2540.	2540.	2540.	2540.	0.	0.	**	**	**	**
00191 HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	10/04/90-10/04/90	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	10/04/90-10/04/90	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	10/04/90-10/04/90	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	10/04/90-10/04/90	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/04/90-10/04/90	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00405 CARBON DIOXIDE (MG/L AS CO2)	10/04/90-10/04/90	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00406 PH, FIELD, STANDARD UNITS SU	10/04/90-10/04/90	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS	10/04/90-10/04/90	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/04/90-10/04/90	1	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	10/04/90-10/04/90	1	339.	339.	339.	339.	0.	0.	**	**	**	**
00440 BICARBONATE ION (MG/L AS HCO3)	10/04/90-10/04/90	1	413.	413.	413.	413.	0.	0.	**	**	**	**
00445 CARBONATE ION (MG/L AS CO3)	10/04/90-10/04/90	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/04/90-10/04/90	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/04/90-10/04/90	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/04/90-10/04/90	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00631 NITRITE PLUS NITRATE, DISS. I DET. (MG/L AS N)	10/04/90-10/04/90	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00665 PHOSPHORUS, TOTAL (MG/L AS P)	10/04/90-10/04/90	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
00666 PHOSPHORUS, DISSOLVED (MG/L AS P)	10/04/90-10/04/90	1	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	10/04/90-10/04/90	1	451.7	451.7	451.7	451.7	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	10/04/90-10/04/90	1	92.	92.	92.	92.	0.	0.	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	10/04/90-10/04/90	1	54.	54.	54.	54.	0.	0.	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	10/04/90-10/04/90	1	370.	370.	370.	370.	0.	0.	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	10/04/90-10/04/90	1	26.	26.	26.	26.	0.	0.	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	10/04/90-10/04/90	1	454.9	454.9	454.9	454.9	0.	0.	**	**	**	**
00946 SULFATE, DISSOLVED (MG/L AS SO4)	10/04/90-10/04/90	1	330.	330.	330.	330.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: CANY0279

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01000 ARSENIC, DISSOLVED (UG/L AS AS)	10/04/90-10/04/90	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01005 BARIUM, DISSOLVED (UG/L AS BA)	10/04/90-10/04/90	1	0.31	0.31	0.31	0.31	0.	0.	**	**	**	**
01025 CADMIUM, DISSOLVED (UG/L AS CD)	10/04/90-10/04/90	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01030 CHROMIUM, DISSOLVED (UG/L AS CR)	10/04/90-10/04/90	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01040 COPPER, DISSOLVED (UG/L AS CU)	10/04/90-10/04/90	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01167 SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	10/04/90-10/04/90	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/04/90-10/04/90	1	1616.	1616.	1616.	1616.	0.	0.	**	**	**	**
80110 SPECIFIC GRAVITY WATER-UNITY AT 4C	10/04/90-10/04/90	1	0.117	0.117	0.117	0.117	0.	0.	**	**	**	**
82702 ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/04/90-10/04/90	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82703 BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	10/04/90-10/04/90	1	0.31	0.31	0.31	0.31	0.	0.	**	**	**	**
82705 CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/04/90-10/04/90	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
82706 CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/04/90-10/04/90	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82708 COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/04/90-10/04/90	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
82710 IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	10/04/90-10/04/90	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
82711 LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/04/90-10/04/90	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82712 MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/04/90-10/04/90	1	160.	160.	160.	160.	0.	0.	**	**	**	**
82713 MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/04/90-10/04/90	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82716 SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/04/90-10/04/90	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
82719 ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/04/90-10/04/90	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: CANY0279

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076 TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	1	1	1.00	1	1	1.00									
00300 OXYGEN, DISSOLVED	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									
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									
00631 NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00941 CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
	Drinking Water	250.	1	1	1.00	1	1	1.00									
00946 SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	1	1.00	1	1	1.00									
01000 ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00	1	0	0.00									
	Drinking Water	50.	1	0	0.00	1	0	0.00									
01005 BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00	1	0	0.00									
01025 CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00	1	0	0.00									
	Drinking Water	5.	1	0	0.00	1	0	0.00									
01030 CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00	1	0	0.00									
01040 COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00	1	0	0.00									
	Drinking Water	1300.	1	0	0.00	1	0	0.00									
01167 SELENIUM, ACID SOLUBLE, WATER, WHOLE	Fresh Acute	20.	1	0	0.00	1	0	0.00									
	Drinking Water	50.	1	0	0.00	1	0	0.00									
82702 ARSENIC, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	360.	1	0	0.00	1	0	0.00									
	Drinking Water	50.	1	0	0.00	1	0	0.00									
82703 BARIUM, FIELD ACIDIFIED, DECANTED, WATER	Drinking Water	2.	1	0	0.00	1	0	0.00									
82705 CADMIUM, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	3.9	1	0	0.00	1	0	0.00									
	Drinking Water	5.	1	0	0.00	1	0	0.00									
82706 CHROMIUM, FIELD ACIDIFIED, DECANTED, WAT	Drinking Water	100.	1	0	0.00	1	0	0.00									
82708 COPPER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	18.	1	0	0.00	1	0	0.00									
	Drinking Water	1300.	1	0	0.00	1	0	0.00									
82711 LEAD, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	82.	1	0	0.00	1	0	0.00									
	Drinking Water	15.	1	0	0.00	1	0	0.00									
82713 MERCURY, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	2.4	1	0	0.00	1	0	0.00									
	Drinking Water	2.	1	0	0.00	1	0	0.00									
82716 SILVER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	4.1	1	0	0.00	1	0	0.00									
	Drinking Water	100.	1	0	0.00	1	0	0.00									

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

EPA Water Quality Criteria Analysis for Station: CANY0279

Parameter	Std. Type	Std. Value	Total		Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
			Obs				Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
82719 ZINC, FIELD ACIDIFIED, DECANTED, WATER	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: CANY0280

NPS Station ID: CANY0280	LAT/LON: 38.464781/-109.772199	Agency: 11NPSWRD	Date Created: 05/22/99
Location: SHAFER SPG/ SHAFER CYN .75 MI AB COLORADO RIVER		FIPS State/County: 49037 UTAH/SAN JUAN	
Station Type: /TYPA/AMBNT/SPRING		STORET Station ID(s): CANY_NPS_599562/SHS1 /599562	
RMI-Indexes:		Within Park Boundary: Yes	
RMI-Miles:			
HUC: 14030005	Depth of Water: 0	Aquifer:	
Major Basin: COLORADO RIVER	Elevation: 0	Water Body Id:	
Minor Basin: UPPER COLORADO RIVER		ECO Region:	
RF1 Index: 14030005	RF1 Mile Point: 0.000	Distance from RF1: 0.80	On/Off RF1:
RF3 Index: 14070004002901.17	RF3 Mile Point: 2.36	Distance from RF3: 0.11	On/Off RF3:
Description:			
THE STATION IS LOCATED ON THE MUSSELMAN ARCH UTAH 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. SHAFER SPRING IS LOCATED INSIDE THE CANYONLANDS NATIONAL PARK BOUNDARY. THE SAMPLES WERE COLLECTED AND ANALYZED BY NATIONAL PARK SERVICE PERSONNEL. THE MONITORING BEGAN IN RESPONSE TO A PROPOSED SITING OF A NUCLEAR WASTE REPOSITORY NEAR THE PARK AS STATED BY B. LONG AND R. SMITH IN THE REPORT "WATER QUALITY DATA ANALYSIS AND INTERPRETATION FOR SPRING MONITORING SITES SOUTHEAST UTAH GROUP" (AUGUST 1996). THE INITIAL MONITORING OBJECTIVES WERE TO ESTABLISH A BASELINE DATABASE; DETECT POTENTIAL CHANGES; AND IDENTIFY AREAS OF CONCERN. THE UTAH DEPARTMENT OF ENVIRONMENTAL QUALITY ANALYZED THE SAMPLES IN A COOPERATIVE EFFORT WITH THE PARK SERVICE AFTER 10/04/1990. THESE DATA CAN BE FOUND UNDER THE STATION 599562. DATA WERE PROCESSED AND UPLOADED TO STORET BY LISA DUMMER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).			

Parameter Inventory for Station: CANY0280

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/11/84-03/28/88	8	21.4	20.775	31.2	9.2	56.302	7.503	**	**	**	**
00059 FLOW, RATE, INSTANTANEOUS GALLONS/MIN	09/11/84-09/11/84	1	2.25	2.25	2.25	2.25	0.	0.	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	09/11/84-09/11/84	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00094 SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/11/84-03/28/88	7	1707.	1802.	2180.	1589.	44364.333	210.628	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	09/11/84-03/28/88	8	9.	8.213	11.4	4.6	6.144	2.479	**	**	**	**
00400 PH (STANDARD UNITS)	09/11/84-03/28/88	8	7.95	7.85	9.1	6.7	0.66	0.812	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	09/11/84-03/28/88	8	7.882	7.327	9.1	6.7	0.973	0.986	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/11/84-03/28/88	8	0.013	0.047	0.2	0.001	0.005	0.068	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	03/20/85-03/28/90	8	350.	360.75	428.	320.	1733.357	41.634	**	**	**	**
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	09/11/84-03/28/90	9 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
00655 PHOSPHATE, POLY (MG/L AS PO4)	09/11/84-03/28/90	9	1.4	2.022	7.5	0.8	4.307	2.075	0.8	1.15	1.7	7.5
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	09/11/84-03/28/90	9	320.	299.778	440.	22.	13855.444	117.709	22.	266.	368.	440.
00940 CHLORIDE,TOTAL IN WATER MG/L	09/07/87-03/28/90	3	667.	757.667	1061.	545.	72729.333	269.684	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	09/11/84-03/28/90	9	96.	131.333	264.	87.	3935.25	62.732	87.	89.5	178.	264.
01042 COPPER, TOTAL (UG/L AS CU)	09/11/84-03/28/90	9 ##	50.	205.556	900.	50.	82152.778	286.623	50.	50.	325.	900.
01045 IRON, TOTAL (UG/L AS FE)	09/11/84-03/28/88	8 ##	50.	155.	500.	50.	28057.143	167.503	**	**	**	**
01055 MANGANESE, TOTAL (UG/L AS MN)	09/11/84-03/28/90	9 ##	50.	561.111	3100.	50.	1004861.111	1002.428	50.	50.	700.	3100.
31501 COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/17/85-09/07/87	4 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
31501 LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/17/85-09/07/87	4 ##	0.	0.	0.	0.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: CANY0280

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501 GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.								
31616 FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/13/86-09/07/87	3 ##	0.	6.667	20.	0.	133.333	11.547	**	**	**	**
31616 LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/13/86-09/07/87	3 ##	0.	0.434	1.301	0.	0.564	0.751	**	**	**	**
31616 GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.714								

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

EPA Water Quality Criteria Analysis for Station: CANY0280

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	8	0	0.00	4	0	0.00	3	0	0.00	1	0	0.00			
00400 PH	Fresh Chronic	9.	8	1	0.13	4	1	0.25	3	0	0.00	1	0	0.00			
	Other-Lo Lim.	6.5	8	0	0.00	4	0	0.00	3	0	0.00	1	0	0.00			
00620 NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	9	0	0.00	4	0	0.00	4	0	0.00	1	0	0.00			
00940 CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	3	1	0.33	1	0	0.00	2	1	0.50						
	Drinking Water	250.	3	3	1.00	1	1	1.00	2	2	1.00						
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	250.	9	1	0.11	4	0	0.00	4	1	0.25	1	0	0.00			
01042 COPPER, TOTAL	Fresh Acute	18.	3 &	3	1.00	1	1	1.00	2	2	1.00						
	Drinking Water	1300.	9	0	0.00	4	0	0.00	4	0	0.00	1	0	0.00			
31501 COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	4	0	0.00	3	0	0.00				1	0	0.00			
31616 FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	3	0	0.00	2	0	0.00				1	0	0.00			

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

Station Inventory for Station: CANY0281

NPS Station ID: CANY0281
Location: SHAFER SPRING
Station Type: /TYPA/AMBNT/SPRING
RMI-Indexes:

LAT/LON: 38.464781/-109.772199

Agency: 11NPSWRD
FIPS State/County: 49037 UTAH/SAN JUAN
STORET Station ID(s): CANY_BLM_SHSP
Within Park Boundary: Yes

Date Created: 08/07/99

RMI-Miles:
HUC: 14030005
Major Basin: COLORADO RIVER
Minor Basin: UPPER COLORADO RIVER
RF1 Index: 14030005
RF3 Index: 14070004002901.17

Depth of Water: 0
Elevation: 4360

RF1 Mile Point: 0.000
RF3 Mile Point: 2.36

Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.80
Distance from RF3: 0.11

On/Off RF1:
On/Off RF3:

Description:
THE STATION IS LOCATED ON THE MUSSELMAN ARCH UT 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT SHAFER SPRING INSIDE THE CANYONLANDS NATIONAL PARK. THE DATA ARE FROM THE REPORT "ARCHES AND CANYONLANDS NATIONAL PARK AQUATIC STUDY" BY J. CONNOR (NPS) AND W.G. KEPNER (BLM) (1983). THE PURPOSE OF THE STUDY WAS TO MONITOR THE IMPACTS BY VISITORS IN THE BACKCOUNTRY TO WATER SOURCES IN THE PARKS. THE STUDY WAS A JOINT EFFORT BETWEEN THE NATIONAL PARK SERVICE AND THE BUREAU OF LAND MANAGEMENT. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT CANYONLANDS NATIONAL PARK; 2282 WEST RESOURCE BLVD.; MOAB UT 84532 (TEL. 801-259-7164). DATA WERE PROCESSED AND UPLOADED TO STORET BY LISA DUMMER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DR. SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: CANY0281

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/29/83-08/29/83	1	20.3	20.3	20.3	20.3	0.	0.	**	**	**	**
00059 FLOW, RATE, INSTANTANEOUS GALLONS/MIN	08/29/83-08/29/83	1	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
00094 SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	08/29/83-08/29/83	1	2140.	2140.	2140.	2140.	0.	0.	**	**	**	**
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	08/29/83-08/29/83	1	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00406 PH, FIELD, STANDARD UNITS SU	08/29/83-08/29/83	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS	08/29/83-08/29/83	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/29/83-08/29/83	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	08/29/83-08/29/83	1	280.	280.	280.	280.	0.	0.	**	**	**	**
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	08/29/83-08/29/83	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
00660 PHOSPHATE, ORTHO (MG/L AS PO4)	08/29/83-08/29/83	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	08/29/83-08/29/83	1	470.	470.	470.	470.	0.	0.	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	08/29/83-08/29/83	1	280.	280.	280.	280.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0281

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	1	1	1.00	1	1	1.00									
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

EPA Water Quality Criteria Analysis for Station: CANY0281

Parameter	Std. Type	Std. Value	Total		Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
			Obs	Exceed Standard		Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00620	NITRATE NITROGEN, TOTAL AS N	10.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	250.	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: CANY0282

NPS Station ID: CANY0282
 Location: MOAB SALT CO, CANYON #3 AB CNFL / COLORADO R.
 Station Type: /TYP/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 14030005
 Major Basin:
 Minor Basin:
 RF1 Index:
 RF3 Index: 14030005005600.00
 Description:

LAT/LON: 38.465167/-109.670833

Depth of Water: 0
 Elevation: 0

RF1 Mile Point: 0.000
 RF3 Mile Point: 0.96

Agency: 21UTAH
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): 495628
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 15.50
 Distance from RF3: 0.03

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: CANY0282

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/09/90-05/17/96	6	13.2	15.817	30.3	11.	52.71	7.26	**	**	**	**
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/02/90-05/17/96	4	22.	21.75	24.	19.	6.41	2.532	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	10/20/94-06/15/95	1	3900.	3900.	3900.	3900.	0.	0.	**	**	**	**
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/14/89-05/17/96	7	29.	116.971	350.	3.	18605.806	136.403	**	**	**	**
00094 SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/09/90-05/17/96	6	413.	46305.215	254500.	1.2910478999235.697	102366.983	**	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/14/89-05/17/96	7	1324.	91835.286	228700.	345.13147952908.238	114664.523	**	**	**	**	**
00191 HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	11/14/89-05/17/96	7	0.	0.	0.	0.	0.	0.	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	07/09/90-05/17/96	5	11.07	12.274	23.1	0.5	76.66	8.756	**	**	**	**
00400 PH (STANDARD UNITS)	11/14/89-05/17/96	7	7.8	7.174	8.01	5.9	0.968	0.984	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	11/14/89-05/17/96	7	7.8	6.458	8.01	5.9	1.566	1.251	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/14/89-05/17/96	7	0.016	0.348	1.259	0.01	0.231	0.481	**	**	**	**
00405 CARBON DIOXIDE (MG/L AS CO2)	11/14/89-05/17/96	7	5.	29.143	93.	2.	1290.476	35.923	**	**	**	**
00406 PH, FIELD, STANDARD UNITS SU	07/09/90-05/17/96	6	6.8	6.567	7.8	5.1	0.991	0.995	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS	07/09/90-05/17/96	6	6.789	5.764	7.8	5.1	1.765	1.328	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/09/90-05/17/96	6	0.163	1.724	7.943	0.016	9.861	3.14	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	11/14/89-05/17/96	7	85.	82.429	164.	40.	1873.619	43.285	**	**	**	**
00440 BICARBONATE ION (MG/L AS HCO3)	11/14/89-05/17/96	7	104.	100.714	200.	48.	2796.238	52.879	**	**	**	**
00445 CARBONATE ION (MG/L AS CO3)	11/14/89-05/17/96	7	0.	0.	0.	0.	0.	0.	**	**	**	**
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/14/89-05/17/96	7	549.	640.571	1196.	24.	194563.286	441.093	**	**	**	**
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/20/94-05/17/96	4 ##	0.068	0.069	0.114	0.025	0.003	0.05	**	**	**	**
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/20/94-05/17/96	4	0.935	0.934	1.55	0.315	0.411	0.641	**	**	**	**
00631 NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/20/94-05/17/96	3	0.31	0.491	0.883	0.28	0.115	0.34	**	**	**	**
00665 PHOSPHORUS, TOTAL (MG/L AS P)	10/20/94-05/17/96	4	0.48	0.43	0.62	0.14	0.051	0.227	**	**	**	**
00666 PHOSPHORUS, DISSOLVED (MG/L AS P)	10/20/94-05/17/96	3	0.01	4.058	12.16	0.005	49.228	7.016	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	11/14/89-05/17/96	7	430.8	30769.114	78010.	128.81466234361.705	38291.44	**	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	11/14/89-05/17/96	7	110.	9889.471	25000.	36.3	151734184.956	12318.043	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	11/14/89-05/17/96	7	38.	1481.329	3800.	9.3	3375239.022	1837.182	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	11/14/89-05/17/96	7	110.	26741.529	65000.	21.71111541486.589	33339.788	**	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	11/14/89-05/17/96	7	7.8	17573.8	46000.	1.8	490521827.463	22147.727	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	11/14/89-05/17/96	7	112.	80378.029	201250.	2.210117290954.356	100584.745	**	**	**	**	**
00946 SULFATE, DISSOLVED (MG/L AS SO4)	11/14/89-05/17/96	7	316.01	236.73	440.	64.5	25697.691	160.305	**	**	**	**
01000 ARSENIC, DISSOLVED (UG/L AS AS)	10/20/94-05/17/96	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01005 BARIUM, DISSOLVED (UG/L AS BA)	10/20/94-05/17/96	3	63.	56.667	64.	43.	140.333	11.846	**	**	**	**
01025 CADMIUM, DISSOLVED (UG/L AS CD)	10/20/94-05/17/96	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01030 CHROMIUM, DISSOLVED (UG/L AS CR)	10/20/94-05/17/96	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01040 COPPER, DISSOLVED (UG/L AS CU)	10/20/94-05/17/96	3 ##	6.	7.333	10.	6.	5.333	2.309	**	**	**	**
01046 IRON, DISSOLVED (UG/L AS FE)	10/20/94-05/17/96	3 ##	10.	20.4	41.2	10.	324.48	18.013	**	**	**	**
01049 LEAD, DISSOLVED (UG/L AS PB)	10/20/94-05/17/96	3 ##	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: CANY0282

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/20/94-05/17/96	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	10/20/94-05/17/96	3 ##	1.	1.	1.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	10/20/94-05/17/96	3 ##	15.	15.	15.	15.	0.	0.	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	10/20/94-05/17/96	3 ##	15.	30.	60.	15.	675.	25.981	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/20/94-05/17/96	3	1.3	2.267	5.	0.5	5.763	2.401	**	**	**
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	11/14/89-11/02/90	3	2.	2.333	4.	1.	2.333	1.528	**	**	**
38442	DICAMBA (BANVEL) WATER,DISSUG/L	07/09/90-07/09/90	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
61027	ANIONS, SUM, TOTAL IN WATER MG/L	10/20/94-05/17/96	4	145.5	234.25	526.	120.	37994.917	194.923	**	**	**
61944	CATIONS, SUM, TOTAL IN WATER, MG/L	10/20/94-05/17/96	4	86.	125.75	262.	69.	8395.583	91.627	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	11/14/89-05/17/96	7	878.	142598.857	357530.	232.31706024157.143	178061.855	**	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	10/20/94-05/17/96	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	11/14/89-11/02/90	3 ##	2.5	168.167	500.	2.	82585.083	287.376	**	**	**
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	11/14/89-11/02/90	3	0.76	1.013	1.7	0.58	0.362	0.601	**	**	**
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	11/14/89-11/02/90	3 ##	50.5	118.667	255.	50.5	13940.083	118.068	**	**	**
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	11/14/89-11/02/90	3 ##	65.	47.5	65.	12.5	918.75	30.311	**	**	**
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	11/14/89-11/02/90	3	610.	480.	690.	140.	88300.	297.153	**	**	**
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	11/14/89-11/02/90	3	0.42	1.183	2.9	0.23	2.219	1.49	**	**	**
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	11/14/89-11/02/90	3	510.	544.167	870.	252.5	96202.083	310.165	**	**	**
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	11/14/89-11/02/90	3	11000.	8833.333	11000.	4500.	14083333.333	3752.777	**	**	**
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	11/14/89-11/02/90	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	11/14/89-11/02/90	3 ##	5.	10.333	25.	1.	165.333	12.858	**	**	**
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	11/14/89-11/02/90	3	5000.	5133.333	7100.	3300.	3623333.333	1903.506	**	**	**

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EPA Water Quality Criteria Analysis for Station: CANY0282

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	7	3	0.43			3	0	0.00	2	2	1.00	2	1	0.50
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	5	1	0.20			1	0	0.00	2	0	0.00	2	1	0.50
00400	PH	Fresh Chronic	9.	7	0	0.00			3	0	0.00	2	0	0.00	2	0	0.00
00406	PH, FIELD	Other-Lo Lim.	6.5	7	3	0.43			3	2	0.67	2	0	0.00	2	1	0.50
		Fresh Chronic	9.	6	0	0.00			2	0	0.00	2	0	0.00	2	0	0.00
		Other-Lo Lim.	6.5	6	2	0.33			2	1	0.50	2	0	0.00	2	1	0.50
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	3	0	0.00			1	0	0.00	2	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	7	3	0.43			3	2	0.67	2	0	0.00	2	1	0.50
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	7	3	0.43			3	2	0.67	2	0	0.00	2	1	0.50
		Fresh Acute	250.	7	4	0.57			3	3	1.00	2	0	0.00	2	1	0.50
		Drinking Water	360.	3	0	0.00			1	0	0.00	2	0	0.00			
01005	ARSENIC, DISSOLVED	Drinking Water	50.	3	0	0.00			1	0	0.00	2	0	0.00			
		Fresh Acute	2000.	3	0	0.00			1	0	0.00	2	0	0.00			
		Drinking Water	3.9	3	0	0.00			1	0	0.00	2	0	0.00			
01025	CADMIUM, DISSOLVED	Fresh Acute	5.	3	0	0.00			1	0	0.00	2	0	0.00			
		Drinking Water	100.	3	0	0.00			1	0	0.00	2	0	0.00			
		Drinking Water	18.	3	0	0.00			1	0	0.00	2	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	1300.	3	0	0.00			1	0	0.00	2	0	0.00			
		Fresh Acute	82.	3	0	0.00			1	0	0.00	2	0	0.00			
		Drinking Water	15.	3	0	0.00			1	0	0.00	2	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	4.1	3	0	0.00			1	0	0.00	2	0	0.00			
		Drinking Water	100.	3	0	0.00			1	0	0.00	2	0	0.00			
		Fresh Acute	120.	3	0	0.00			1	0	0.00	2	0	0.00			
01075	SILVER, DISSOLVED	Drinking Water	5000.	3	0	0.00			1	0	0.00	2	0	0.00			
		Fresh Acute	20.	3	0	0.00			1	0	0.00	2	0	0.00			
		Drinking Water	50.	3	0	0.00			1	0	0.00	2	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	20.	3	0	0.00			1	0	0.00	2	0	0.00			
		Drinking Water	120.	3	0	0.00			1	0	0.00	2	0	0.00			
		Fresh Acute	5000.	3	0	0.00			1	0	0.00	2	0	0.00			
01145	SELENIUM, DISSOLVED	Drinking Water	20.	3	0	0.00			1	0	0.00	2	0	0.00			
		Fresh Acute	50.	3	0	0.00			1	0	0.00	2	0	0.00			
		Drinking Water	20.	3	0	0.00			2	0	0.00						
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE	Fresh Acute	50.	3	0	0.00			2	0	0.00				1	0	0.00
		Drinking Water	2.4	3	0	0.00			2	0	0.00				1	0	0.00
		Fresh Acute	2.	3	0	0.00			1	0	0.00	2	0	0.00			
71890	MERCURY, DISSOLVED	Drinking Water	360.	2 &	0	0.00			2	0	0.00						
		Fresh Acute	50.	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

EPA Water Quality Criteria Analysis for Station: CANY0282

Parameter	Std. Type	Std. Value	Total		Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
			Obs	Exceed Standard		Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
82703 BARIUM, FIELD ACIDIFIED, DECANTED, WATER	Drinking Water	2.	3	0	0.00				2	0	0.00				1	0	0.00
82705 CADMIUM, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	3.9	1 &	1	1.00				1	1	1.00						
	Drinking Water	5.	1 &	1	1.00				1	1	1.00						
82706 CHROMIUM, FIELD ACIDIFIED, DECANTED, WAT	Drinking Water	100.	3	0	0.00				2	0	0.00				1	0	0.00
82708 COPPER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	18.	3	3	1.00				2	2	1.00				1	1	1.00
	Drinking Water	1300.	3	0	0.00				2	0	0.00				1	0	0.00
82711 LEAD, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	82.	2 &	2	1.00				2	2	1.00						
	Drinking Water	15.	2 &	2	1.00				2	2	1.00						
82713 MERCURY, FIELD ACIDIFIED, DECANTED, WATE	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
82716 SILVER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	4.1	2 &	1	0.50				1	0	0.00				1	1	1.00
	Drinking Water	100.	3	0	0.00				2	0	0.00				1	0	0.00
82719 ZINC, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	120.	3	3	1.00				2	2	1.00				1	1	1.00
	Drinking Water	5000.	3	2	0.67				2	2	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: CANY0283

NPS Station ID: CANY0283
 Location: HORSESHOE SPRING T27S R16E S17 SW1/4 NW1/4
 Station Type: /TYPA/AMBNT/SPRING
 RMI-Indexes:
 RMI-Miles:
 HUC: 14060008
 Major Basin:
 Minor Basin:
 RF1 Index:
 RF3 Index: 14070004002901.17
 Description:

LAT/LON: 38.466000/-110.195000

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 2.36

Agency: 21UTAH
 FIPS State/County: 49055 UTAH/WAYNE
 STORET Station ID(s): 599243
 Within Park Boundary: Yes

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.80
 Distance from RF3: 0.11

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: CANY0283

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/17/80-11/14/80	2	18.5	18.5	26.	11.	112.5	10.607	**	**	**
00058	FLOW, RATE GALLONS/MIN	06/17/80-11/14/80	2	6.45	6.45	7.5	5.4	2.205	1.485	**	**	**
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	06/17/80-11/14/80	2	540.	540.	600.	480.	7200.	84.853	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/17/80-11/14/80	2	7.7	7.7	9.6	5.8	7.22	2.687	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	06/17/80-11/14/80	2	7.9	7.9	8.	7.8	0.02	0.141	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/17/80-11/14/80	2	7.889	7.889	8.	7.8	0.02	0.142	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/17/80-11/14/80	2	0.013	0.013	0.016	0.01	0.	0.004	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	06/17/80-11/14/80	2	246.	246.	250.	242.	32.	5.657	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	06/17/80-11/14/80	2	300.12	300.12	305.	295.24	47.629	6.901	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/17/80-11/14/80	2	1.38	1.38	1.48	1.28	0.02	0.141	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/17/80-11/14/80	2	0.06	0.06	0.06	0.06	0.	0.	**	**	**
00916	CALCIUM, TOTAL (MG/L AS Ca)	06/17/80-11/14/80	2	36.	36.	40.	32.	32.	5.657	**	**	**
00929	SODIUM, TOTAL (MG/L AS Na)	06/17/80-11/14/80	2	14.85	14.85	15.2	14.5	0.245	0.495	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	06/17/80-11/14/80	2	7.	7.	7.	7.	0.	0.	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/17/80-11/14/80	2	8.99	8.99	14.	3.98	50.2	7.085	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/17/80-11/14/80	2 ##	13.5	13.5	25.5	1.5	288.	16.971	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SiO2)	06/17/80-11/14/80	2	4.525	4.525	8.1	0.95	25.561	5.056	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	06/17/80-11/14/80	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	06/17/80-11/14/80	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	06/17/80-11/14/80	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
01037	COBALT, TOTAL (UG/L AS CO)	06/17/80-11/14/80	2 ##	1.	1.	1.5	0.5	0.5	0.707	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	06/17/80-11/14/80	2 ##	2.75	2.75	5.	0.5	10.125	3.182	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	06/17/80-11/14/80	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
01062	MOLYBDENUM, TOTAL (UG/L AS MO)	06/17/80-11/14/80	2 ##	2.75	2.75	5.	0.5	10.125	3.182	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	06/17/80-11/14/80	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	06/17/80-11/14/80	2	8.	8.	11.	5.	18.	4.243	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	06/17/80-11/14/80	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	06/17/80-11/14/80	2	3100.	3100.	3800.	2400.	980000.	989.949	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	06/17/80-11/14/80	2	3.48	3.48	3.58	3.38	0.02	0.141	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	06/17/80-11/14/80	2	3019.934	3019.934							
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/17/80-11/14/80	2	313.	313.	320.	306.	98.	9.899	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	06/17/80-11/14/80	2 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**
82298	BROMIDE DISSOLVED AS BR IN WATER UG/L	06/17/80-11/14/80	2 ##	500.	500.	500.	500.	0.	0.	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0283

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00				1	0	0.00				1	0	0.00
00406 PH, FIELD	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
00620 NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00				1	0	0.00				1	0	0.00
00941 CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	2	0	0.00				1	0	0.00				1	0	0.00
	Drinking Water	250.	2	0	0.00				1	0	0.00				1	0	0.00
00946 SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	2	0	0.00				1	0	0.00				1	0	0.00
01002 ARSENIC, TOTAL	Fresh Acute	360.	2	0	0.00				1	0	0.00				1	0	0.00
	Drinking Water	50.	2	0	0.00				1	0	0.00				1	0	0.00
01027 CADMIUM, TOTAL	Fresh Acute	3.9	2	0	0.00				1	0	0.00				1	0	0.00
	Drinking Water	5.	2	0	0.00				1	0	0.00				1	0	0.00
01034 CHROMIUM, TOTAL	Drinking Water	100.	2	0	0.00				1	0	0.00				1	0	0.00
01042 COPPER, TOTAL	Fresh Acute	18.	2	0	0.00				1	0	0.00				1	0	0.00
	Drinking Water	1300.	2	0	0.00				1	0	0.00				1	0	0.00
01051 LEAD, TOTAL	Fresh Acute	82.	2	0	0.00				1	0	0.00				1	0	0.00
	Drinking Water	15.	2	0	0.00				1	0	0.00				1	0	0.00
01067 NICKEL, TOTAL	Fresh Acute	1400.	2	0	0.00				1	0	0.00				1	0	0.00
	Drinking Water	100.	2	0	0.00				1	0	0.00				1	0	0.00
01092 ZINC, TOTAL	Fresh Acute	120.	2	0	0.00				1	0	0.00				1	0	0.00
	Drinking Water	5000.	2	0	0.00				1	0	0.00				1	0	0.00
01147 SELENIUM, TOTAL	Fresh Acute	20.	2	0	0.00				1	0	0.00				1	0	0.00
	Drinking Water	50.	2	0	0.00				1	0	0.00				1	0	0.00
31506 COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	2	2	1.00				1	1	1.00				1	1	1.00
71900 MERCURY, TOTAL	Fresh Acute	2.4	2	0	0.00				1	0	0.00				1	0	0.00
	Drinking Water	2.	2	0	0.00				1	0	0.00				1	0	0.00

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

Station Inventory for Station: CANY0284

NPS Station ID: CANY0284 LAT/LON: 38.466833/-109.665500

Location: COLORADO RIVER AT POTASH BOAT RAMP

Station Type: /TYPA/AMBNT/STREAM

RMI-Indexes:

RMI-Miles:

HUC: 14030005

Major Basin:

Minor Basin:

RF1 Index:

RF3 Index: 14030005000729.32

Depth of Water: 0

Elevation: 0

RF1 Mile Point: 0.000

RF3 Mile Point: 29.65

Agency: 21UTAH

FIPS State/County: 49037 UTAH/SAN JUAN

STORET Station ID(s): 495629

Within Park Boundary: No

Date Created: / /

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 0.30

Distance from RF3: 0.02

On/Off RF1:

On/Off RF3:

Description:

WATER SAMPLES WERE COLLECTED BY CANYONLANDS NATIONAL PARK

435-259-3911); ANALYZED BY THE UTAH DEPARTMENT OF HEALTH

ENVIRONMENTAL QUALITY - DIVISION OF WATER QUALITY.

NATURAL RESOURCE MANAGEMENT STAFF (125 W. 200 S.; MOAB UT 84532;

LABORATORY AND UPLOADED INTO STORET BY THE UTAH DEPARTMENT OF

Parameter Inventory for Station: CANY0284

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/15/91-08/06/98	22	17.75	17.899	23.1	9.7	17.754	4.214	11.91	14.05	22.425	22.7
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/28/93-08/20/97	16	28.7	28.325	37.3	12.8	42.737	6.537	19.24	23.85	34.3	37.09
00061 FLOW, STREAM, INSTANTANEOUS CFS	08/24/93-09/09/97	3	6400.	17766.667	43000.	3900.	479103333.333	21888.429	**	**	**	**
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/15/91-08/06/98	29	95.	118.648	390.	1.7	10052.347	100.261	13.	48.3	191.	250.
00094 SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/15/91-08/06/98	21	781.	748.238	1365.	340.	104981.89	324.009	381.6	424.	983.5	1239.4
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/15/91-08/06/98	29	787.	803.897	1383.	318.	122434.31	349.906	368.	430.	1142.	1313.
00191 HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	04/15/91-08/06/98	29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00300 OXYGEN, DISSOLVED MG/L	04/15/91-08/06/98	20	8.05	8.519	17.7	6.5	5.3	2.302	7.155	7.4	8.7	9.8
00400 PH (STANDARD UNITS)	04/15/91-08/06/98	29	8.03	8.068	8.5	7.5	0.066	0.256	7.7	7.9	8.3	8.4
00400 CONVERTED PH (STANDARD UNITS)	04/15/91-08/06/98	29	8.03	7.991	8.5	7.5	0.072	0.268	7.7	7.9	8.3	8.4
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/15/91-08/06/98	29	0.009	0.01	0.032	0.003	0.	0.007	0.004	0.005	0.013	0.02
00405 CARBON DIOXIDE (MG/L AS CO2)	04/15/91-08/06/98	29	2.	2.138	5.	1.	1.909	1.382	1.	1.	2.5	5.
00406 PH, FIELD, STANDARD UNITS SU	04/15/91-08/06/98	22	7.76	7.728	9.8	6.8	0.474	0.689	6.83	7.175	8.2	8.51
00406 CONVERTED PH, FIELD, STANDARD UNITS	04/15/91-08/06/98	22	7.758	7.376	9.8	6.8	0.604	0.777	6.83	7.175	8.2	8.51
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/15/91-08/06/98	22	0.017	0.042	0.158	0.	0.002	0.049	0.003	0.006	0.067	0.149
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	04/15/91-08/06/98	29	127.	123.552	164.	77.	690.828	26.284	87.	101.5	146.5	158.
00440 BICARBONATE ION (MG/L AS HCO3)	04/15/91-08/06/98	29	156.	150.862	200.	94.	1031.552	32.118	106.	124.5	179.	192.
00445 CARBONATE ION (MG/L AS CO3)	04/15/91-08/06/98	29	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/15/91-08/06/98	29	210.	431.676	3980.	44.8	543636.69	737.317	64.	149.25	424.	1076.
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/15/91-08/06/98	29 ##	0.025	0.048	0.149	0.025	0.001	0.033	0.025	0.025	0.068	0.09
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/15/91-05/06/97	21	0.42	0.688	2.68	0.17	0.402	0.634	0.18	0.29	0.8	1.642
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/16/96-08/21/96	2	0.525	0.525	0.75	0.3	0.101	0.318	**	**	**	**
00631 NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/15/91-08/06/98	26	0.491	0.508	0.88	0.17	0.05	0.223	0.244	0.3	0.708	0.838
00665 PHOSPHORUS, TOTAL (MG/L AS P)	04/15/91-08/06/98	25	0.167	0.263	1.022	0.02	0.065	0.256	0.037	0.076	0.384	0.653
00666 PHOSPHORUS, DISSOLVED (MG/L AS P)	04/15/91-08/06/98	24	0.011	0.021	0.13	0.005	0.001	0.03	0.005	0.005	0.019	0.075
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	04/15/91-08/06/98	29	258.5	277.345	468.1	118.6	13219.012	114.974	134.7	165.4	381.15	441.3
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	04/15/91-08/06/98	29	71.6	74.759	120.	34.	878.316	29.636	38.	45.75	100.	118.
00925 MAGNESIUM, DISSOLVED (MG/L AS Mg)	04/15/91-08/06/98	29	19.4	22.072	41.	8.2	100.998	10.05	9.7	12.5	32.7	35.7
00930 SODIUM, DISSOLVED (MG/L AS Na)	04/15/91-08/06/98	29	57.2	63.307	120.	16.	1136.363	33.71	22.	27.85	97.	110.
00935 POTASSIUM, DISSOLVED (MG/L AS K)	04/15/91-08/06/98	29	3.09	3.119	5.	1.4	1.094	1.046	1.6	2.2	4.07	4.4
00941 CHLORIDE, DISSOLVED IN WATER MG/L	04/15/91-08/06/98	29	57.5	59.126	115.	2.05	1316.597	36.285	13.	22.75	93.85	111.

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

Parameter Inventory for Station: CANY0284

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00946	SULFATE, DISSOLVED (MG/L AS SO4)	29	185.1	197.641	450.54	60.2	12020.606	109.639	65.18	84.65	297.315	325.77
01000	ARSENIC, DISSOLVED (UG/L AS AS)	22 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
01005	BARIUM, DISSOLVED (UG/L AS BA)	22	65.	67.673	97.	42.	285.575	16.899	44.2	54.5	79.25	94.7
01025	CADMIUM, DISSOLVED (UG/L AS CD)	22 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	22 ##	2.5	3.336	12.	2.5	5.537	2.353	2.5	2.5	2.5	7.33
01040	COPPER, DISSOLVED (UG/L AS CU)	22 ##	6.	7.318	15.	6.	5.846	2.418	6.	6.	10.	10.
01046	IRON, DISSOLVED (UG/L AS FE)	22 ##	18.	21.641	57.2	10.	174.426	13.207	10.	10.	30.65	40.69
01049	LEAD, DISSOLVED (UG/L AS PB)	22 ##	1.5	1.545	2.5	1.5	0.045	0.213	1.5	1.5	1.5	1.5
01056	MANGANESE, DISSOLVED (UG/L AS MN)	22 ##	2.5	3.814	10.	2.5	4.251	2.062	2.5	2.5	5.	7.05
01075	SILVER, DISSOLVED (UG/L AS AG)	22 ##	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
01090	ZINC, DISSOLVED (UG/L AS ZN)	22 ##	15.	16.136	45.	10.	42.695	6.534	15.	15.	15.	15.
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	17	40.	51.235	220.	15.	3129.191	55.939	15.	15.	50.5	175.2
01145	SELENIUM, DISSOLVED (UG/L AS SE)	22	3.	2.977	6.1	0.5	2.854	1.689	1.	1.275	4.775	5.
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	4 ##	2.5	2.125	2.5	1.	0.563	0.75	**	**	**	**
61027	ANIONS, SUM, TOTAL IN WATER MG/L	28	304.	329.964	646.	119.	25998.036	161.239	133.4	176.75	491.75	537.5
61944	CATIONS, SUM, TOTAL IN WATER, MG/L	28	146.	162.857	286.	60.	5649.683	75.164	71.8	88.25	236.75	272.
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	29	502.	533.172	934.	198.	60284.148	245.528	234.	285.	791.	880.
71890	MERCURY, DISSOLVED (UG/L AS HG)	22 ##	0.1	0.106	0.24	0.1	0.001	0.03	0.1	0.1	0.1	0.1
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	4 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	4	0.108	0.108	0.13	0.084	0.	0.021	**	**	**	**
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	4 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	4 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	4 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	4	1.995	1.786	3.1	0.055	2.417	1.555	**	**	**	**
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	4 ##	3.75	4.75	10.	1.5	14.417	3.797	**	**	**	**
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	4	113.	147.75	360.	5.	24086.917	155.2	**	**	**	**
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	4 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	4 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	4 ##	28.	30.	54.	10.	440.667	20.992	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0284

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
			Obs			Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	50.	29	22	0.76	14	8	0.57	2	2	1.00	8	8	1.00	5	4	0.80
00300	OXYGEN, DISSOLVED	4.	20	0	0.00	10	0	0.00	1	0	0.00	5	0	0.00	4	0	0.00
00400	PH	9.	29	0	0.00	14	0	0.00	2	0	0.00	8	0	0.00	5	0	0.00
	Other-Lo Lim.	6.5	29	0	0.00	14	0	0.00	2	0	0.00	8	0	0.00	5	0	0.00
00406	PH, FIELD	9.	22	1	0.05	11	1	0.09	1	0	0.00	5	0	0.00	5	0	0.00
	Other-Lo Lim.	6.5	22	0	0.00	11	0	0.00	1	0	0.00	5	0	0.00	5	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	10.	2	0	0.00	2	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	10.	26	0	0.00	12	0	0.00	2	0	0.00	8	0	0.00	4	0	0.00
00941	CHLORIDE, DISSOLVED IN WATER	860.	29	0	0.00	14	0	0.00	2	0	0.00	8	0	0.00	5	0	0.00
	Drinking Water	250.	29	0	0.00	14	0	0.00	2	0	0.00	8	0	0.00	5	0	0.00
00946	SULFATE, DISSOLVED (AS SO4)	250.	29	11	0.38	14	9	0.64	2	2	1.00	8	0	0.00	5	0	0.00
01000	ARSENIC, DISSOLVED	360.	22	0	0.00	12	0	0.00	1	0	0.00	5	0	0.00	4	0	0.00
	Drinking Water	50.	22	0	0.00	12	0	0.00	1	0	0.00	5	0	0.00	4	0	0.00
01005	BARIUM, DISSOLVED	2000.	22	0	0.00	12	0	0.00	1	0	0.00	5	0	0.00	4	0	0.00
01025	CADMIUM, DISSOLVED	3.9	22	0	0.00	12	0	0.00	1	0	0.00	5	0	0.00	4	0	0.00
	Drinking Water	5.	22	0	0.00	12	0	0.00	1	0	0.00	5	0	0.00	4	0	0.00
01030	CHROMIUM, DISSOLVED	100.	22	0	0.00	12	0	0.00	1	0	0.00	5	0	0.00	4	0	0.00
01040	COPPER, DISSOLVED	18.	22	0	0.00	12	0	0.00	1	0	0.00	5	0	0.00	4	0	0.00
	Drinking Water	1300.	22	0	0.00	12	0	0.00	1	0	0.00	5	0	0.00	4	0	0.00
01049	LEAD, DISSOLVED	82.	22	0	0.00	12	0	0.00	1	0	0.00	5	0	0.00	4	0	0.00
	Drinking Water	15.	22	0	0.00	12	0	0.00	1	0	0.00	5	0	0.00	4	0	0.00
01075	SILVER, DISSOLVED	4.1	22	0	0.00	12	0	0.00	1	0	0.00	5	0	0.00	4	0	0.00
	Drinking Water	100.	22	0	0.00	12	0	0.00	1	0	0.00	5	0	0.00	4	0	0.00
01090	ZINC, DISSOLVED	120.	22	0	0.00	12	0	0.00	1	0	0.00	5	0	0.00	4	0	0.00
	Drinking Water	5000.	22	0	0.00	12	0	0.00	1	0	0.00	5	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: CANY0284

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
01145	SELENIUM, DISSOLVED																
	Fresh Acute	20.	22	0	0.00	12	0	0.00	1	0	0.00	5	0	0.00	4	0	0.00
	Drinking Water	50.	22	0	0.00	12	0	0.00	1	0	0.00	5	0	0.00	4	0	0.00
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE																
	Fresh Acute	20.	4	0	0.00	1	0	0.00				3	0	0.00			
	Drinking Water	50.	4	0	0.00	1	0	0.00				3	0	0.00			
71890	MERCURY, DISSOLVED																
	Fresh Acute	2.4	22	0	0.00	12	0	0.00	1	0	0.00	5	0	0.00	4	0	0.00
	Drinking Water	2.	22	0	0.00	12	0	0.00	1	0	0.00	5	0	0.00	4	0	0.00
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATE																
	Fresh Acute	360.	4	0	0.00	1	0	0.00				3	0	0.00			
	Drinking Water	50.	4	0	0.00	1	0	0.00				3	0	0.00			
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER																
	Drinking Water	2.	4	0	0.00	1	0	0.00				3	0	0.00			
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATE																
	Fresh Acute	3.9	4	0	0.00	1	0	0.00				3	0	0.00			
	Drinking Water	5.	4	0	0.00	1	0	0.00				3	0	0.00			
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WAT																
	Drinking Water	100.	4	0	0.00	1	0	0.00				3	0	0.00			
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER																
	Fresh Acute	18.	4	0	0.00	1	0	0.00				3	0	0.00			
	Drinking Water	1300.	4	0	0.00	1	0	0.00				3	0	0.00			
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER																
	Fresh Acute	82.	4	0	0.00	1	0	0.00				3	0	0.00			
	Drinking Water	15.	4	0	0.00	1	0	0.00				3	0	0.00			
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATE																
	Fresh Acute	2.4	4	0	0.00	1	0	0.00				3	0	0.00			
	Drinking Water	2.	4	0	0.00	1	0	0.00				3	0	0.00			
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER																
	Fresh Acute	4.1	4	0	0.00	1	0	0.00				3	0	0.00			
	Drinking Water	100.	4	0	0.00	1	0	0.00				3	0	0.00			
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER																
	Fresh Acute	120.	4	0	0.00	1	0	0.00				3	0	0.00			
	Drinking Water	5000.	4	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

Seasonal Analysis for Season #1: 7/15 to 10/14 - Station CANY0284

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/15/91-08/06/98	11	22.4	20.819	23.1	12.8	10.323	3.213	13.56	20.9	22.7	23.02
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/15/91-08/06/98	14	70.5	93.3	250.	1.7	7338.962	85.668	7.35	21.45	179.	237.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/15/91-08/06/98	10	938.5	984.6	1365.	765.	41791.378	204.429	766.6	802.75	1158.	1353.3
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/15/91-08/06/98	14	1069.5	1039.143	1360.	721.	45800.44	214.01	728.	814.75	1206.75	1336.5
00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	04/15/91-08/06/98	14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00300	OXYGEN, DISSOLVED MG/L	04/15/91-08/06/98	10	7.45	7.745	8.7	7.15	0.338	0.581	7.155	7.35	8.25	8.7
00400	PH (STANDARD UNITS)	04/15/91-08/06/98	14	8.24	8.201	8.5	7.7	0.049	0.222	7.8	8.022	8.378	8.45
00400	CONVERTED PH (STANDARD UNITS)	04/15/91-08/06/98	14	8.24	8.141	8.5	7.7	0.053	0.23	7.8	8.022	8.378	8.45
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/15/91-08/06/98	14	0.006	0.007	0.02	0.003	0.	0.005	0.004	0.004	0.009	0.016
00405	CARBON DIOXIDE (MG/L AS CO2)	04/15/91-08/06/98	14	1.	1.643	5.	1.	1.324	1.151	1.	1.	2.	4.
00406	PH, FIELD, STANDARD UNITS SU	04/15/91-08/06/98	11	7.8	7.975	9.8	6.9	0.625	0.791	6.94	7.4	8.2	9.56
00406	CONVERTED PH, FIELD, STANDARD UNITS	04/15/91-08/06/98	11	7.8	7.54	9.8	6.9	0.833	0.913	6.94	7.4	8.2	9.56
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/15/91-08/06/98	11	0.016	0.029	0.126	0.	0.002	0.039	0.001	0.006	0.04	0.117
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	04/15/91-08/06/98	14	144.5	139.571	164.	111.	287.495	16.956	111.5	125.75	151.	161.
00440	BICARBONATE ION (MG/L AS HCO3)	04/15/91-08/06/98	14	176.5	170.5	200.	135.	425.346	20.624	136.	154.	185.	196.
00445	CARBONATE ION (MG/L AS CO3)	04/15/91-08/06/98	14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/15/91-08/06/98	14	186.	454.221	3980.	44.8	1044356.388	1021.938	44.9	65.5	300.5	2219.65
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/15/91-08/06/98	14 ##	0.025	0.038	0.088	0.025	0.	0.022	0.025	0.025	0.059	0.08
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/15/91-08/06/98	12	0.696	0.646	0.88	0.3	0.036	0.191	0.309	0.521	0.812	0.865
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/15/91-08/06/98	11	0.091	0.157	0.642	0.02	0.034	0.185	0.022	0.041	0.261	0.572
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/15/91-08/06/98	10 ##	0.01	0.017	0.082	0.005	0.001	0.023	0.005	0.005	0.016	0.075
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	04/15/91-08/06/98	14	371.9	356.536	468.1	236.2	5597.842	74.819	237.8	279.125	410.425	454.7
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	04/15/91-08/06/98	14	100.	95.807	120.	65.	345.482	18.587	65.55	76.175	110.	119.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/15/91-08/06/98	14	30.15	28.557	41.	18.	49.715	7.051	18.05	21.65	33.05	38.35
00930	SODIUM, DISSOLVED (MG/L AS Na)	04/15/91-08/06/98	14	86.	85.193	120.	54.	517.113	22.74	54.3	61.1	102.5	117.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/15/91-08/06/98	14	4.02	3.789	5.	2.3	0.56	0.749	2.575	3.068	4.4	4.75
00941	CHLORIDE, DISSOLVED IN WATER MG/L	04/15/91-08/06/98	14	77.9	82.507	115.	53.	569.607	23.866	53.25	57.	107.4	114.5
00946	SULFATE, DISSOLVED (MG/L AS SO4)	04/15/91-08/06/98	14	286.825	273.936	450.54	157.	6354.768	79.717	165.95	193.875	311.643	407.27
61027	ANIONS, SUM, TOTAL IN WATER MG/L	07/24/91-08/06/98	14	462.5	440.429	646.	280.	11614.725	107.772	287.5	324.25	503.25	603.
61944	CATIONS, SUM, TOTAL IN WATER, MG/L	07/24/91-08/06/98	14	223.5	213.429	286.	140.	2326.264	48.231	140.5	162.25	247.25	279.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C).MG/L	04/15/91-08/06/98	14	725.	701.286	934.	436.	27177.604	164.856	466.	521.5	838.5	911.

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

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station CANY0284

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/15/91-08/06/98	1	11.7	11.7	11.7	11.7	0.	0.	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/15/91-08/06/98	2	76.15	76.15	99.	53.3	1044.245	32.315	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/15/91-08/06/98	1	1205.	1205.	1205.	1205.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/15/91-08/06/98	2	1242.5	1242.5	1383.	1102.	39480.5	198.697	**	**	**	**
00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	04/15/91-08/06/98	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/15/91-08/06/98	1	8.7	8.7	8.7	8.7	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	04/15/91-08/06/98	2	8.065	8.065	8.33	7.8	0.14	0.375	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/15/91-08/06/98	2	7.989	7.989	8.33	7.8	0.152	0.39	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/15/91-08/06/98	2	0.01	0.01	0.016	0.005	0.	0.008	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	04/15/91-08/06/98	2	3.	3.	5.	1.	8.	2.828	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	04/15/91-08/06/98	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	04/15/91-08/06/98	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/15/91-08/06/98	1	0.032	0.032	0.032	0.032	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	04/15/91-08/06/98	2	152.	152.	164.	140.	288.	16.971	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	04/15/91-08/06/98	2	185.5	185.5	200.	171.	420.5	20.506	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	04/15/91-08/06/98	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/15/91-08/06/98	2	146.5	146.5	191.	102.	3960.5	62.933	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/15/91-08/06/98	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/15/91-08/06/98	2	0.643	0.643	0.855	0.43	0.09	0.301	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/15/91-08/06/98	2	0.363	0.363	0.67	0.055	0.189	0.435	**	**	**	**

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

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station CANY0284

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/15/91-08/06/98	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	04/15/91-08/06/98	2	414.95	414.95	455.8	374.1	3337.445	57.771	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	04/15/91-08/06/98	2	108.25	108.25	120.	96.5	276.125	16.617	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/15/91-08/06/98	2	35.2	35.2	38.	32.4	15.68	3.96	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS Na)	04/15/91-08/06/98	2	103.	103.	110.	96.	98.	9.899	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/15/91-08/06/98	2	4.1	4.1	4.4	3.8	0.18	0.424	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	04/15/91-08/06/98	2	102.	102.	111.	93.	162.	12.728	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	04/15/91-08/06/98	2	304.585	304.585	325.77	283.4	897.608	29.96	**	**	**
61027	ANIONS, SUM, TOTAL IN WATER MG/L	07/24/91-08/06/98	2	497.5	497.5	535.	460.	2812.5	53.033	**	**	**
61944	CATIONS, SUM, TOTAL IN WATER, MG/L	07/24/91-08/06/98	2	250.5	250.5	272.	229.	924.5	30.406	**	**	**
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/15/91-08/06/98	2	810.	810.	880.	740.	9800.	98.995	**	**	**

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

Seasonal Analysis for Season #3: 4/01 to 5/31 - Station CANY0284

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/15/91-08/06/98	5	14.1	13.98	16.9	9.7	7.152	2.674	**	**	**	**
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/15/91-08/06/98	8	160.	180.375	390.	95.	9059.125	95.179	**	**	**	**
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	04/15/91-08/06/98	5	501.	530.6	806.	384.	27083.8	164.572	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/15/91-08/06/98	8	508.5	544.	867.	341.	29957.429	173.082	**	**	**	**
00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	04/15/91-08/06/98	8	0.	0.	0.	0.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/15/91-08/06/98	5	8.8	9.9	17.7	6.5	19.975	4.469	**	**	**	**
00400	PH (STANDARD UNITS)	04/15/91-08/06/98	8	7.95	7.928	8.3	7.6	0.045	0.213	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/15/91-08/06/98	8	7.947	7.883	8.3	7.6	0.048	0.218	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/15/91-08/06/98	8	0.011	0.013	0.025	0.005	0.	0.006	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	04/15/91-08/06/98	8	2.	2.625	5.	1.	1.696	1.302	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	04/15/91-08/06/98	5	7.7	7.48	8.	6.8	0.257	0.507	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	04/15/91-08/06/98	5	7.7	7.246	8.	6.8	0.325	0.57	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/15/91-08/06/98	5	0.02	0.057	0.158	0.01	0.004	0.063	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	04/15/91-08/06/98	8	115.	112.375	135.	88.	226.268	15.042	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	04/15/91-08/06/98	8	140.	137.25	164.	107.	335.071	18.305	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	04/15/91-08/06/98	8	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/15/91-08/06/98	8	424.	513.5	1204.	203.	103935.714	322.391	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/15/91-08/06/98	8	0.073	0.067	0.108	0.025	0.001	0.031	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/15/91-08/06/98	8	0.401	0.403	0.573	0.27	0.014	0.116	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/15/91-08/06/98	8	0.274	0.393	1.022	0.167	0.079	0.281	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/15/91-08/06/98	8	0.017	0.029	0.13	0.005	0.002	0.041	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	04/15/91-08/06/98	8	184.25	188.85	272.7	130.4	1876.64	43.32	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	04/15/91-08/06/98	8	50.6	51.175	73.	36.6	122.645	11.075	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/15/91-08/06/98	8	14.1	14.863	22.	9.5	14.883	3.858	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS Na)	04/15/91-08/06/98	8	34.4	40.425	79.	21.6	378.336	19.451	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/15/91-08/06/98	8	2.45	2.588	3.6	1.8	0.344	0.587	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	04/15/91-08/06/98	8	28.25	33.219	74.9	2.05	572.239	23.922	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	04/15/91-08/06/98	8	101.915	114.055	210.	63.9	2384.225	48.829	**	**	**	**
61027	ANIONS, SUM, TOTAL IN WATER MG/L	07/24/91-08/06/98	7	183.	194.	272.	119.	2832.667	53.223	**	**	**	**
61944	CATIONS, SUM, TOTAL IN WATER, MG/L	07/24/91-08/06/98	7	97.	99.429	130.	70.	501.952	22.404	**	**	**	**
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	04/15/91-08/06/98	8	329.	353.5	574.	234.	11744.857	108.374	**	**	**	**

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

Seasonal Analysis for Season #4: 6/01 to 7/14 - Station CANY0284

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/15/91-08/06/98	5	17.6	16.632	18.5	12.4	5.99	2.447	**	**	**	**
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	04/15/91-08/06/98	5	55.	107.86	355.	12.7	19482.488	139.58	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	04/15/91-08/06/98	5	389.	401.8	481.	340.	2737.7	52.323	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/15/91-08/06/98	5	392.	385.6	445.	318.	2206.3	46.971	**	**	**	**
00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	04/15/91-08/06/98	5	0.	0.	0.	0.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	04/15/91-08/06/98	4	8.415	8.682	9.9	8.	0.697	0.835	**	**	**	**
00400	PH (STANDARD UNITS)	04/15/91-08/06/98	5	8.	7.92	8.09	7.5	0.057	0.238	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/15/91-08/06/98	5	8.	7.857	8.09	7.5	0.062	0.248	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/15/91-08/06/98	5	0.01	0.014	0.032	0.008	0.	0.01	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	04/15/91-08/06/98	5	2.	2.4	5.	1.	2.3	1.517	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	04/15/91-08/06/98	5	7.3	7.48	8.3	6.8	0.337	0.581	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	04/15/91-08/06/98	5	7.3	7.233	8.3	6.8	0.413	0.643	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/15/91-08/06/98	5	0.05	0.059	0.158	0.005	0.004	0.061	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	04/15/91-08/06/98	5	87.	85.2	94.	77.	42.2	6.496	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	04/15/91-08/06/98	5	106.	103.8	114.	94.	58.2	7.629	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	04/15/91-08/06/98	5	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	04/15/91-08/06/98	5	174.	351.7	1076.	141.	164593.7	405.701	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/15/91-08/06/98	5##	0.025	0.055	0.149	0.025	0.003	0.054	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	04/15/91-08/06/98	4	0.235	0.24	0.32	0.17	0.004	0.065	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/15/91-08/06/98	4	0.12	0.248	0.64	0.11	0.068	0.262	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	04/15/91-08/06/98	4	0.012	0.025	0.068	0.01	0.001	0.028	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	04/15/91-08/06/98	5	142.5	142.16	165.	118.6	298.493	17.277	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	04/15/91-08/06/98	5	40.3	40.16	46.5	34.	21.553	4.643	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/15/91-08/06/98	5	10.2	10.2	11.9	8.2	1.945	1.395	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS Na)	04/15/91-08/06/98	5	23.	22.76	28.7	16.	20.853	4.567	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/15/91-08/06/98	5	1.6	1.702	2.	1.4	0.063	0.25	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	04/15/91-08/06/98	5	18.8	17.96	25.	12.	29.908	5.469	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	04/15/91-08/06/98	5	72.73	74.978	98.6	60.2	221.927	14.897	**	**	**	**
61027	ANIONS, SUM, TOTAL IN WATER MG/L	07/24/91-08/06/98	5	137.	144.	176.	119.	465.	21.564	**	**	**	**
61944	CATIONS, SUM, TOTAL IN WATER, MG/L	07/24/91-08/06/98	5	76.	75.	89.	60.	110.	10.488	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/15/91-08/06/98	5	234.	239.2	274.	198.	835.2	28.9	**	**	**	**

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

Station Inventory for Station: CANY0285

NPS Station ID: CANY0285
 Location: SHAFER SPRING
 Station Type: /TYPA/AMBNT/SPRING
 RMI-Indexes:
 RMI-Miles:
 HUC: 14030005
 Major Basin:
 Minor Basin:
 RF1 Index:
 RF3 Index: 14030005001302.63
 Description:

LAT/LON: 38.469333/-109.780167

Depth of Water: 0
 Elevation: 0

RF1 Mile Point: 0.000
 RF3 Mile Point: 3.07

Agency: 21UTAH
 FIPS State/County: 49037 UTAH/SAN JUAN
 STORET Station ID(s): 495563
 Within Park Boundary: Yes

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.07

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: CANY0285

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/07/87-09/07/87	1	26.9	26.9	26.9	26.9	0.	0.	**	**	**	**
00094 SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	09/07/87-09/07/87	1	1707.	1707.	1707.	1707.	0.	0.	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	09/07/87-09/07/87	1	9.4	9.4	9.4	9.4	0.	0.	**	**	**	**
00406 PH, FIELD, STANDARD UNITS SU	09/07/87-09/07/87	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS	09/07/87-09/07/87	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/07/87-09/07/87	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
01501 ALPHA, TOTAL	09/07/87-09/07/87	1	5.	5.	5.	5.	0.	0.	**	**	**	**
03501 BETA, TOTAL	09/07/87-09/07/87	1	24.	24.	24.	24.	0.	0.	**	**	**	**
09501 RADIUM 226, TOTAL	09/07/87-09/07/87	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0285

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	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									
09501 RADIUM 226, TOTAL	Drinking Water	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: CANY0286

NPS Station ID: CANY0286
Location: C17510
Station Type: /TYPA/AMBNT/STREAM
RMI-Indexes:
RMI-Miles:
HUC: 14030005
Major Basin: COLORADO RIVER
Minor Basin: UPPER COLORADO RIVER
RF1 Index: 14030005
RF3 Index: 14070004002901.17
Description:
THE STATION IS LOCATED ON THE SHAFER BASIN UTAH 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT A STREAM AND IS OUTSIDE OF THE CANYONLANDS NATIONAL PARK. EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO ONE WITH REAGENT-GRADE NITRIC ACID. 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 STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "LASLID" ENTRY (LOS ALAMOS SCIENTIFIC LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY LISA DUMMER; NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

LAT/LON: 38.484392/-109.628309

Agency: 11NPSWRD
FIPS State/County: 49037 UTAH/SAN JUAN
STORET Station ID(s): CANY_NURE_22 /1041244
Within Park Boundary: No

Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.80
Distance from RF3: 0.11

Date Created: 01/30/99

On/Off RF1:
On/Off RF3:

Parameter Inventory for Station: CANY0286

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/26/78-06/26/78	1	5000.	5000.	5000.	5000.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	06/26/78-06/26/78	1	9.6	9.6	9.6	9.6	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/26/78-06/26/78	1	9.6	9.6	9.6	9.6	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/26/78-06/26/78	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/26/78-06/26/78	1	34.3	34.3	34.3	34.3	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	06/26/78-06/26/78	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	06/26/78-06/26/78	1 ##	27.5	27.5	27.5	27.5	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	06/26/78-06/26/78	1	11.	11.	11.	11.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	06/26/78-06/26/78	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

EPA Water Quality Criteria Analysis for Station: CANY0286

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
							Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
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
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

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

Station Inventory for Station: CANY0287

NPS Station ID: CANY0287
 Location: MOAB SALT ENVIR RECLAIM POND 3
 Station Type: /RESERV/TYPA/AMBNT/MINE/IMPDMT
 RMI-Indexes:
 RMI-Miles:
 HUC: 14030005
 Major Basin:
 Minor Basin:
 RF1 Index:
 RF3 Index: 14030005000725.42
 Description:

LAT/LON: 38.490833/-109.680500

Depth of Water: 0
 Elevation: 0

RF1 Mile Point: 0.000
 RF3 Mile Point: 25.63

Agency: 21UTAH
 FIPS State/County: 49019 UTAH/GRAND
 STORET Station ID(s): 495627
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body ID:
 ECO Region:
 Distance from RF1: 1.10
 Distance from RF3: 0.01

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: CANY0287

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/02/90-10/04/99	20	19.	19.31	37.1	0.	89.047	9.436	6.1	13.25	27.25	32.7
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/02/90-10/04/99	17	19.	19.3	38.	3.	126.618	11.252	3.8	9.	28.5	38.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/14/89-10/04/99	35	14.	16.325	46.	2.7	92.756	9.631	6.028	9.03	23.3	30.08
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/02/90-10/04/99	16	199900.	294467.494	999990.	199.978828430143.567	280764.011	139359.97	199000.	239000.	999297.	
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/14/89-10/04/99	35	99999.	111812.8	438750.	10000. 4197002423.165	64784.276	99999.	99999.	100000.	134000.	
00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	11/14/89-10/04/99	36	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00300	OXYGEN, DISSOLVED MG/L	09/23/92-08/22/95	2	0.405	0.405	0.7	0.11	0.174	0.417	**	**	**	**
00400	PH (STANDARD UNITS)	11/14/89-10/04/99	33	6.3	6.319	6.73	5.7	0.056	0.236	6.058	6.2	6.47	6.7
00400	CONVERTED PH (STANDARD UNITS)	11/14/89-10/04/99	33	6.3	6.252	6.73	5.7	0.06	0.246	6.058	6.2	6.47	6.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/14/89-10/04/99	33	0.501	0.559	1.995	0.186	0.138	0.371	0.2	0.34	0.631	0.878
00405	CARBON DIOXIDE (MG/L AS CO2)	11/14/89-10/04/99	36	49.5	55.056	222.	22.	1382.74	37.185	24.	32.25	60.	93.9
00406	PH, FIELD, STANDARD UNITS SU	11/02/90-10/04/99	21	6.3	6.295	6.7	5.5	0.076	0.277	5.92	6.15	6.5	6.6
00406	CONVERTED PH, FIELD, STANDARD UNITS	11/02/90-10/04/99	21	6.3	6.19	6.7	5.5	0.088	0.297	5.92	6.15	6.5	6.6
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/02/90-10/04/99	21	0.501	0.646	3.162	0.2	0.404	0.635	0.251	0.316	0.713	1.207
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	11/14/89-10/04/99	36	51.	51.583	72.	35.	67.907	8.241	41.1	47.	57.75	63.3
00440	BICARBONATE ION (MG/L AS HCO3)	11/14/89-10/04/99	36	62.	62.917	87.	43.	98.993	9.95	50.5	57.	70.	76.6
00445	CARBONATE ION (MG/L AS CO3)	11/14/89-10/04/99	36	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/14/89-10/04/99	35	119.	164.843	1086.	24.	34619.217	186.062	46.	70.	160.	347.62
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	11/14/89-10/04/99	36	69313.5	71686.861	144850.	25396.	446064677.152	21120.243	51952.5	60624.	80219.25	87757.
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	11/14/89-10/04/99	36	22450.	23052.222	46200.	8200.	45275686.349	6728.721	16700.	19625.	25935.	27932.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/14/89-10/04/99	36	3340.	3444.417	7190.	309.	1351781.679	1162.661	2470.	3100.	3800.	4391.
00930	SODIUM, DISSOLVED (MG/L AS Na)	11/14/89-10/04/99	36	65600.	64869.444	100000.	51500.	84939896.825	9216.284	52490.	59025.	69000.	74900.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/14/89-10/04/99	36	42100.	40790.528	47200.	27000.	24008195.742	4899.816	34400.	37250.	45000.	46150.
00941	CHLORIDE, DISSOLVED IN WATER MG/L	11/14/89-10/04/99	36	191250.	176624.722	220000.	20500.	2123805574.206	46084.765	126600.	164437.5	204375.	211122.
00946	SULFATE, DISSOLVED (MG/L AS SO4)	11/14/89-10/04/99	35###	5.	201.817	1880.	2.5	173927.655	417.046	2.5	5.	301.	561.6
01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/23/94-07/30/95	2###	2.75	2.75	3.	2.5	0.125	0.354	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	04/04/94-07/12/94	2###	5.	5.	7.5	2.5	12.5	3.536	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS Ba)	07/30/95-07/30/95	1	510.	510.	510.	510.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS Cd)	07/30/95-07/30/95	1##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/23/94-07/30/95	2##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	04/04/94-07/12/94	2###	5.75	5.75	9.	2.5	21.125	4.596	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	10/23/94-07/30/95	2	450.	450.	540.	360.	16200.	127.279	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	04/04/94-07/12/94	2##	110.	110.	110.	110.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	10/23/94-07/30/95	2	1000.	1000.	1300.	700.	180000.	424.264	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS Pb)	07/30/95-07/30/95	1##	215.	215.	215.	215.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	04/04/94-07/12/94	2	4400.	4400.	4800.	4000.	320000.	565.685	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/23/94-07/30/95	2	4800.	4800.	6100.	3500.	3380000.	1838.478	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS Ni)	09/23/92-10/23/94	2##	10.	10.	15.	5.	50.	7.071	**	**	**	**

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

Parameter Inventory for Station: CANY0287

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01067	NICKEL, TOTAL (UG/L AS NI)	04/04/94-07/12/94	2 ##	9.75	9.75	13.	6.5	21.125	4.596	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	07/30/95-07/30/95	1 ##	1.	1.	1.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/30/95-07/30/95	1	4600.	4600.	4600.	4600.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	04/04/94-07/12/94	2	5835.	5835.	6570.	5100.	1080450.	1039.447	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/30/95-07/30/95	1 ##	15.	15.	15.	15.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/23/94-07/30/95	2 ##	18.5	18.5	34.	3.	480.5	21.92	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	04/04/94-07/12/94	2 ##	11.5	11.5	13.	10.	4.5	2.121	**	**	**
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	11/14/89-10/04/99	31 ##	17.	217.484	1200.	0.5	137598.708	370.943	2.7	5.5	270.
61027	ANIONS, SUM, TOTAL IN WATER MG/L	01/19/92-10/04/99	31	192960.	181679.	220050.	30834.	1597618027.	39970.214	150540.	173020.	205040.
61944	CATIONS, SUM, TOTAL IN WATER, MG/L	01/19/92-10/04/99	31	135800.	132552.258	170790.	102800.	234009018.065	15297.353	109980.	120500.	142800.
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	11/14/89-10/04/99	36	338130.	332563.611	402040.	261660.	1158497789.444	34036.712	281731.	307277.5	353832.5
71890	MERCURY, DISSOLVED (UG/L AS HG)	07/30/95-07/30/95	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	04/04/94-07/12/94	2	0.995	0.995	1.6	0.39	0.732	0.856	**	**	**
82701	ALUMINUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/10/93-08/10/93	1 ##	1650.	1650.	1650.	1650.	0.	0.	**	**	**
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	11/14/89-10/04/99	31 ##	12.5	371.	2200.	0.5	492272.317	701.621	2.5	5.	180.
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	11/14/89-08/10/93	3	0.7	0.653	0.78	0.48	0.024	0.155	**	**	**
82704	BERYLLIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/10/93-08/10/93	1 ##	5.5	5.5	5.5	5.5	0.	0.	**	**	**
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	11/14/89-08/10/93	3 ##	13.	23.	50.5	5.5	581.25	24.109	**	**	**
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	11/14/89-10/04/99	31 ##	2.5	99.081	1600.	2.5	85897.452	293.083	2.5	2.5	60.
82707	COBALT, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/10/93-08/10/93	1 ##	220.	220.	220.	220.	0.	0.	**	**	**
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	11/14/89-10/04/99	31 ##	125.	341.435	2100.	13.	227220.962	476.677	26.	40.	550.
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	11/14/89-10/04/99	31	2.	87.259	2600.	0.25	217503.612	466.373	0.8	1.26	3.58
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	11/14/89-08/10/93	3	515.	503.333	760.	235.	69008.333	262.694	**	**	**
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	11/14/89-10/04/99	31	5200.	5479.677	9900.	2100.	2921556.559	1709.256	3380.	4400.	6700.
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	11/14/89-08/10/93	3 ##	0.1	0.143	0.23	0.1	0.006	0.075	**	**	**
82714	MOLYBDENUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/10/93-08/10/93	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
82715	NICKEL, FIELD ACIDIFIED, DECANTED, WATER UG/L	01/19/92-10/04/99	29	55.	340.672	1240.	5.	166885.719	408.516	5.	15.	705.
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	11/14/89-08/10/93	3 ##	3.	3.	5.	1.	4.	2.	**	**	**
82718	VANADIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/10/93-08/10/93	1 ##	550.	550.	550.	550.	0.	0.	**	**	**
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	11/14/89-10/04/99	31	6100.	6303.226	12000.	2000.	4310375.914	2076.144	3712.	5040.	7370.
82725	BORON, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/10/93-08/10/93	1	79000.	79000.	79000.	79000.	0.	0.	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0287

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	35	0	0.00	10	0	0.00	13	0	0.00	7	0	0.00	5	0
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	2	1.00	2	2	1.00								
00400	PH	Fresh Chronic	9.	33	0	0.00	9	0	0.00	13	0	0.00	6	0	0.00	5	0
		Other-Lo Lim.	6.5	33	26	0.79	9	7	0.78	13	11	0.85	6	3	0.50	5	5
00406	PH, FIELD	Fresh Chronic	9.	21	0	0.00	6	0	0.00	7	0	0.00	5	0	0.00	3	0
		Other-Lo Lim.	6.5	21	18	0.86	6	6	1.00	7	6	0.86	5	3	0.60	3	3
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	36	36	1.00	10	10	1.00	14	14	1.00	7	7	1.00	5	5
		Drinking Water	250.	36	36	1.00	10	10	1.00	14	14	1.00	7	7	1.00	5	5
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	35	9	0.26	10	3	0.30	13	4	0.31	7	1	0.14	5	1
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	2	0	0.00	1	0	0.00	1	0	0.00					
		Drinking Water	50.	2	0	0.00	1	0	0.00	1	0	0.00					
01002	ARSENIC, TOTAL	Fresh Acute	360.	2	0	0.00							1	0	0.00	1	0
		Drinking Water	50.	2	0	0.00							1	0	0.00	1	0
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00	1	0	0.00								
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00	1	0	0.00								
		Drinking Water	5.	1	0	0.00	1	0	0.00								
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	2	0	0.00	1	0	0.00	1	0	0.00					
01034	CHROMIUM, TOTAL	Drinking Water	100.	2	0	0.00							1	0	0.00	1	0
01040	COPPER, DISSOLVED	Fresh Acute	18.	2	2	1.00	1	1	1.00	1	1	1.00					
		Drinking Water	1300.	2	0	0.00	1	0	0.00	1	0	0.00					
01042	COPPER, TOTAL	Fresh Acute	18.	0 &	0	0.00											
		Drinking Water	1300.	2	0	0.00							1	0	0.00	1	0

& - 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: CANY0287

Parameter	Std. Type	Std. Value	Total			-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
			Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
01049 LEAD, DISSOLVED	Fresh Acute	82.	0 &	0	0.00												
	Drinking Water	15.	0 &	0	0.00												
01065 NICKEL, DISSOLVED	Fresh Acute	1400.	2	0	0.00												
	Drinking Water	100.	2	0	0.00	1	0	0.00	1	0	0.00						
01067 NICKEL, TOTAL	Fresh Acute	1400.	2	0	0.00												
	Drinking Water	100.	2	0	0.00							1	0	0.00	1	0	0.00
01075 SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00							1	0	0.00	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									
01092 ZINC, TOTAL	Fresh Acute	120.	2	2	1.00												
	Drinking Water	5000.	2	2	1.00							1	1	1.00	1	1	1.00
01145 SELENIUM, DISSOLVED	Fresh Acute	20.	2	1	0.50	1	0	0.00	1	1	1.00						
	Drinking Water	50.	2	0	0.00	1	0	0.00	1	0	0.00						
01147 SELENIUM, TOTAL	Fresh Acute	20.	2	0	0.00												
	Drinking Water	50.	2	0	0.00							1	0	0.00	1	0	0.00
01167 SELENIUM, ACID SOLUBLE, WATER, WHOLE	Fresh Acute	20.	26 &	10	0.38	6	1	0.17	13	5	0.38	4	1	0.25	3	3	1.00
	Drinking Water	50.	27 &	10	0.37	6	1	0.17	13	5	0.38	5	1	0.20	3	3	1.00
71890 MERCURY, DISSOLVED	Fresh Acute	2.4	1	0	0.00	1	0	0.00									
	Drinking Water	2.	1	0	0.00	1	0	0.00									
82702 ARSENIC, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	360.	31	6	0.19	8	1	0.13	13	3	0.23	6	1	0.17	4	1	0.25
	Drinking Water	50.	27 &	8	0.30	6	2	0.33	12	4	0.33	5	1	0.20	4	1	0.25
82703 BARIUM, FIELD ACIDIFIED, DECANTED, WATER	Drinking Water	2.	3	0	0.00	1	0	0.00	2	0	0.00						
82704 BERYLLIUM, FIELD ACIDIFIED, DECANTED, WA	Fresh Acute	130.	1	0	0.00	1	0	0.00									
	Drinking Water	4.	0 &	0	0.00												
82705 CADMIUM, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	3.9	0 &	0	0.00												
	Drinking Water	5.	0 &	0	0.00												
82706 CHROMIUM, FIELD ACIDIFIED, DECANTED, WAT	Drinking Water	100.	27 &	1	0.04	7	0	0.00	12	0	0.00	5	1	0.20	3	0	0.00
82708 COPPER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	18.	14 &	13	0.93	3	2	0.67	7	7	1.00	3	3	1.00	1	1	1.00
	Drinking Water	1300.	31	2	0.06	8	1	0.13	13	1	0.08	6	0	0.00	4	0	0.00
82711 LEAD, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	82.	3	3	1.00	1	1	1.00	2	2	1.00						
	Drinking Water	15.	3	3	1.00	1	1	1.00	2	2	1.00						
82713 MERCURY, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	2.4	3	0	0.00	1	0	0.00	2	0	0.00						
	Drinking Water	2.	3	0	0.00	1	0	0.00	2	0	0.00						
82715 NICKEL, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	1400.	29	0	0.00	8	0	0.00	11	0	0.00	6	0	0.00	4	0	0.00
	Drinking Water	100.	27 &	12	0.44	8	4	0.50	10	4	0.40	6	3	0.50	3	1	0.33
82716 SILVER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	4.1	2 &	0	0.00	1	0	0.00	1	0	0.00						
	Drinking Water	100.	3	0	0.00	1	0	0.00	2	0	0.00						
82719 ZINC, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	120.	31	31	1.00	8	8	1.00	13	13	1.00	6	6	1.00	4	4	1.00
	Drinking Water	5000.	31	24	0.77	8	8	1.00	13	9	0.69	6	4	0.67	4	3	0.75

& - 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: 7/15 to 10/14 - Station CANY0287

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/14/89-10/04/99	10	18.5	20.98	46.	8.1	138.571	11.772	8.13	12.45	27.8	44.72
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/14/89-10/04/99	10	99999.	86521.5	100000.	10000.	920949864.722	30347.156	14522.	88804.25	100000.	100000.
00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	11/14/89-10/04/99	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00400	PH (STANDARD UNITS)	11/14/89-10/04/99	9	6.4	6.359	6.59	6.03	0.035	0.187	6.03	6.2	6.505	6.59
00400	CONVERTED PH (STANDARD UNITS)	11/14/89-10/04/99	9	6.4	6.32	6.59	6.03	0.037	0.192	6.03	6.2	6.505	6.59
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/14/89-10/04/99	9	0.398	0.478	0.933	0.257	0.054	0.232	0.257	0.313	0.648	0.933
00405	CARBON DIOXIDE (MG/L AS CO2)	11/14/89-10/04/99	10	39.	47.9	96.	24.	530.767	23.038	24.7	31.75	64.	94.
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	11/14/89-10/04/99	10	50.	49.5	63.	38.	51.167	7.153	38.1	45.75	53.	62.
00440	BICARBONATE ION (MG/L AS HCO3)	11/14/89-10/04/99	10	61.	60.2	76.	46.	76.178	8.728	46.1	55.25	64.25	74.9
00445	CARBONATE ION (MG/L AS CO3)	11/14/89-10/04/99	10	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/14/89-10/04/99	10	145.2	161.53	344.7	43.	8120.631	90.115	45.7	101.5	231.65	335.33
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	11/14/89-10/04/99	10	66494.5	68743.1	93084.	52701.	160514279.211	12669.423	52824.4	58756.	78736.5	91867.2
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	11/14/89-10/04/99	10	21300.	21934.	29640.	17000.	16704004.444	4087.053	17000.	18425.	25250.	29276.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/14/89-10/04/99	10	3255.	3407.	4650.	2500.	374512.222	611.974	2530.	3025.	3825.	4575.
00930	SODIUM, DISSOLVED (MG/L AS Na)	11/14/89-10/04/99	10	62800.	64050.	77000.	52000.	77087222.222	8779.933	52200.	57750.	71000.	77000.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/14/89-10/04/99	10	39900.	39810.	46000.	31000.	26816555.556	5178.47	31400.	35000.	45925.	46000.
00941	CHLORIDE, DISSOLVED IN WATER MG/L	11/14/89-10/04/99	10	181250.	170474.	213740.	20500.	3225160093.333	56790.493	33450.	161250.	206250.	213366.
00946	SULFATE, DISSOLVED (MG/L AS SO4)	11/14/89-10/04/99	10 ##	5.	286.53	1880.	2.5	358164.309	598.468	2.5	2.5	398.85	1755.9
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	11/14/89-10/04/99	10	315475.	327162.	383260.	270670.	1521504173.333	39006.463	272168.	295302.5	368477.5	382075.

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

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station CANY0287

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/14/89-10/04/99	13	11.7	13.265	28.	5.35	44.24	6.651	5.89	8.9	15.65	26.8
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/14/89-10/04/99	13	99999.	142172.538	438750.	99999.	9529667791.936	97620.017	99999.	99999.	142500.	353050.
00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	11/14/89-10/04/99	14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00400	PH (STANDARD UNITS)	11/14/89-10/04/99	13	6.26	6.322	6.7	6.1	0.036	0.189	6.14	6.2	6.41	6.7
00400	CONVERTED PH (STANDARD UNITS)	11/14/89-10/04/99	13	6.26	6.29	6.7	6.1	0.037	0.192	6.14	6.2	6.41	6.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/14/89-10/04/99	13	0.55	0.513	0.794	0.2	0.031	0.177	0.2	0.39	0.631	0.729
00405	CARBON DIOXIDE (MG/L AS CO2)	11/14/89-10/04/99	14	52.	50.714	93.	22.	334.527	18.29	23.5	37.5	60.5	78.5
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	11/14/89-10/04/99	14	48.	49.929	64.	42.	40.995	6.403	42.5	45.25	54.75	61.
00440	BICARBONATE ION (MG/L AS HCO3)	11/14/89-10/04/99	14	58.	61.071	78.	52.	58.533	7.651	52.5	56.	67.	74.
00445	CARBONATE ION (MG/L AS CO3)	11/14/89-10/04/99	14	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/14/89-10/04/99	13	102.	221.446	1086.	24.	82195.854	286.698	34.88	74.	311.	819.6
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	11/14/89-10/04/99	14	70551.	67208.571	84772.	25396.	240155562.11	15496.953	36347.5	63955.75	79647.75	82638.5
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	11/14/89-10/04/99	14	23000.	21931.429	27100.	8200.	24719367.033	4971.858	11600.	21000.	25805.	26550.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/14/89-10/04/99	14	3320.	3035.643	4170.	309.	1125430.401	1060.863	754.5	3000.	3710.	3985.
00930	SODIUM, DISSOLVED (MG/L AS Na)	11/14/89-10/04/99	14	66100.	66907.143	100000.	51500.	112376098.901	10600.759	55450.	62500.	68250.	84500.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/14/89-10/04/99	14	42700.	41314.286	46500.	27000.	25289010.989	5028.818	31150.	41000.	43500.	46250.
00941	CHLORIDE, DISSOLVED IN WATER MG/L	11/14/89-10/04/99	14	193750.	191964.286	207500.	163750.	109065934.066	10443.464	173125.	187187.5	198125.	205000.
00946	SULFATE, DISSOLVED (MG/L AS SO4)	11/14/89-10/04/99	13	120.	178.392	510.	2.5	37431.337	193.472	3.5	5.	377.	482.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	11/14/89-10/04/99	14	339565.	338422.143	355850.	291170.	255539448.901	15985.601	307890.	336325.	347907.5	355285.

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

Seasonal Analysis for Season #3: 4/01 to 5/31 - Station CANY0287

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/14/89-10/04/99	7	15.	18.386	33.4	4.6	91.961	9.59	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/14/89-10/04/99	7	99999.	99999.143	100000.	99999.	0.143	0.378	**	**	**	**
00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	11/14/89-10/04/99	7	0.	0.	0.	0.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	11/14/89-10/04/99	6	6.465	6.487	6.73	6.21	0.042	0.205	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	11/14/89-10/04/99	6	6.46	6.447	6.73	6.21	0.044	0.209	**	**	**	**

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

Seasonal Analysis for Season #3: 4/01 to 5/31 - Station CANY0287

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/14/89-10/04/99	6	0.347	0.357	0.617	0.186	0.027	0.164	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	11/14/89-10/04/99	7	33.	36.714	65.	23.	250.905	15.84	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	11/14/89-10/04/99	7	59.	57.143	67.	48.	43.143	6.568	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	11/14/89-10/04/99	7	72.	69.714	82.	58.	68.571	8.281	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	11/14/89-10/04/99	7	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/14/89-10/04/99	7	80.	100.429	220.4	35.	4367.472	66.087	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	11/14/89-10/04/99	7	61407.	63856.	85474.	50206.	136380728.667	11678.216	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	11/14/89-10/04/99	7	19500.	20314.286	27200.	16000.	13988095.238	3740.066	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS Mg)	11/14/89-10/04/99	7	3100.	3201.429	4280.	2500.	336680.952	580.242	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS Na)	11/14/89-10/04/99	7	56000.	59442.857	70800.	51800.	52872857.143	7271.372	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/14/89-10/04/99	7	37000.	38722.714	47200.	33000.	24030711.571	4902.113	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	11/14/89-10/04/99	7	156000.	129750.	175000.	30500.	3071354166.667	55419.799	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	11/14/89-10/04/99	7 ##	5.	47.387	301.	5.	12506.678	111.833	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	11/14/89-10/04/99	7	303100.	301420.	352190.	261660.	970464266.667	31152.275	**	**	**	**

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

Seasonal Analysis for Season #4: 6/01 to 7/14 - Station CANY0287

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/14/89-10/04/99	5	9.03	12.082	27.2	2.7	91.447	9.563	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/14/89-10/04/99	5	99999.	99999.2	100000.	99999.	0.2	0.447	**	**	**	**
00191	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	11/14/89-10/04/99	5	0.	0.	0.	0.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	11/14/89-10/04/99	5	6.16	6.04	6.3	5.7	0.074	0.272	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	11/14/89-10/04/99	5	6.16	5.971	6.3	5.7	0.08	0.282	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/14/89-10/04/99	5	0.692	1.07	1.995	0.501	0.458	0.677	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	11/14/89-10/04/99	5	60.	107.2	222.	58.	5259.7	72.524	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	11/14/89-10/04/99	5	54.	52.6	72.	35.	205.3	14.328	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	11/14/89-10/04/99	5	65.	64.	87.	43.	289.	17.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	11/14/89-10/04/99	5	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/14/89-10/04/99	5	120.	114.48	157.6	50.	1981.312	44.512	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	11/14/89-10/04/99	5	82860.	101076.8	144850.	68879.	1277950218.7	35748.43	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	11/14/89-10/04/99	5	26400.	32260.	46200.	22000.	130638000.	11429.698	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS Mg)	11/14/89-10/04/99	5	4130.	5004.	7190.	3400.	3090730.	1758.047	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS Na)	11/14/89-10/04/99	5	70000.	68400.	74000.	58000.	41920000.	6474.566	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/14/89-10/04/99	5	45000.	44180.	46700.	40000.	6292000.	2508.386	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	11/14/89-10/04/99	5	210000.	211600.	220000.	200000.	72800000.	8532.292	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	11/14/89-10/04/99	5 ##	5.	309.5	1530.	2.5	465507.5	682.281	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	11/14/89-10/04/99	5	380000.	370564.	402040.	333090.	731794930.	27051.708	**	**	**	**

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Station Inventory for Station: CANY0288

NPS Station ID: CANY0288 LAT/LON: 38.505000/-109.658000

Location: COLORADO R BL POTASH (TEXAS-GULF SULFUR)

Station Type: /TYPA/AMBNT/STREAM

RMI-Indexes:

RMI-Miles:

HUC: 14030005

Major Basin:

Minor Basin:

RF1 Index:

RF3 Index: 14060008003800.00

Description:

WATER SAMPLES WERE COLLECTED BY CANYONLANDS NATIONAL PARK

435-259-3911); ANALYZED BY THE UTAH DEPARTMENT OF HEALTH

ENVIRONMENTAL QUALITY - DIVISION OF WATER QUALITY.

Depth of Water: 0

Elevation: 0

RF1 Mile Point: 0.000

RF3 Mile Point: 0.00

Agency: 21UTAH

FIPS State/County: 49019 UTAH/GRAND

STORET Station ID(s): 495586

Within Park Boundary: No

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 0.00

Distance from RF3: 0.01

Date Created: / /

On/Off RF1:

On/Off RF3:

NATURAL RESOURCE MANAGEMENT STAFF (125 W. 200 S.; MOAB UT 84532;
LABORATORY AND UPLOADED INTO STORET BY THE UTAH DEPARTMENT OF

Parameter Inventory for Station: CANY0288

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/23/77-01/27/81	29	14.	12.959	25.	0.5	67.485	8.215	3.	4.2	21.	23.2
00061 FLOW, STREAM, INSTANTANEOUS CFS	06/13/78-06/13/78	1	30000.	30000.	30000.	30000.	0.	0.	**	**	**	**
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/20/77-01/27/81	27	130.	269.385	1200.	6.	125858.741	354.766	8.42	24.	415.	1000.
00094 SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	01/11/78-01/27/81	25	1200.	1291.	2500.	580.	249935.417	499.935	604.	987.5	1600.	2200.
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/23/77-01/27/81	31	1395.	1301.935	2200.	580.	182094.462	426.725	600.	1060.	1600.	1834.
00300 OXYGEN, DISSOLVED MG/L	08/23/77-01/27/81	19	8.4	8.216	11.1	2.2	3.566	1.888	6.8	7.	9.5	10.1
00310 BOD, 5 DAY, 20 DEG C MG/L	08/23/77-04/16/80	6	1.5	1.667	3.	1.	0.667	0.816	**	**	**	**
00335 COD, .025N K2CR2O7 MG/L	08/23/77-01/27/81	14	17.5	42.	356.	5.	8299.808	91.103	6.25	7.875	28.25	199.5
00400 PH (STANDARD UNITS)	08/23/77-12/13/79	22	8.3	8.232	8.6	7.9	0.056	0.236	7.9	8.	8.425	8.5
00400 CONVERTED PH (STANDARD UNITS)	08/23/77-12/13/79	22	8.3	8.171	8.6	7.9	0.059	0.244	7.9	8.	8.425	8.5
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/23/77-12/13/79	22	0.005	0.007	0.013	0.003	0.	0.004	0.003	0.004	0.01	0.013
00405 CARBON DIOXIDE (MG/L AS CO2)	08/23/77-01/27/81	41	2.	1.927	4.	1.	0.92	0.959	1.	1.	2.	3.8
00406 PH, FIELD, STANDARD UNITS SU	04/18/79-01/27/81	9	8.2	8.133	8.6	7.5	0.145	0.381	7.5	7.8	8.5	8.6
00406 CONVERTED PH, FIELD, STANDARD UNITS	04/18/79-01/27/81	9	8.2	7.984	8.6	7.5	0.17	0.413	7.5	7.8	8.5	8.6
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/18/79-01/27/81	9	0.006	0.01	0.032	0.003	0.	0.01	0.003	0.003	0.016	0.032
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	08/23/77-01/27/81	28	145.	140.679	174.	87.	598.152	24.457	101.6	118.75	159.75	171.1
00440 BICARBONATE ION (MG/L AS HCO3)	08/23/77-01/27/81	28	170.	169.643	212.	106.	901.053	30.018	120.	144.	194.5	208.2
00445 CARBONATE ION (MG/L AS CO3)	05/15/79-08/06/80	8	4.	3.25	4.	2.	1.071	1.035	**	**	**	**
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/23/77-01/27/81	18	282.5	1061.444	9999.	10.	5454328.261	2335.45	19.	48.75	1082.5	3195.9
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/23/77-01/27/81	21	0.1	0.193	2.	0.05	0.175	0.419	0.05	0.05	0.1	0.28
00615 NITRITE NITROGEN, TOTAL (MG/L AS N)	08/23/77-01/27/81	20 ##	0.025	0.039	0.15	0.02	0.001	0.032	0.025	0.025	0.044	0.095
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	08/23/77-01/27/81	28	0.875	0.889	1.5	0.25	0.098	0.313	0.445	0.65	1.125	1.32
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/23/77-01/27/81	23	0.7	1.174	4.2	0.1	1.314	1.146	0.2	0.4	1.9	3.38
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/18/79-01/27/81	14	0.625	0.739	1.5	0.4	0.101	0.318	0.425	0.5	0.9	1.35
00665 PHOSPHORUS, TOTAL (MG/L AS P)	02/14/78-01/27/81	15	0.07	0.188	1.25	0.025	0.099	0.315	0.028	0.05	0.17	0.776
00680 CARBON, TOTAL ORGANIC (MG/L AS C)	01/11/78-01/27/81	14	4.1	8.029	29.	0.5	63.039	7.94	1.25	3.35	13.	24.
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	08/23/77-01/27/81	28	345.	389.75	860.	144.	26458.343	162.66	203.2	242.	495.	612.
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	08/23/77-01/27/81	28	88.	102.036	240.	43.	1956.332	44.23	55.8	63.25	123.	161.6
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	08/23/77-01/27/81	28	32.	32.75	63.	9.	174.639	13.215	14.9	18.75	41.	51.
00930 SODIUM, DISSOLVED (MG/L AS Na)	08/23/77-01/27/81	28	129.	117.714	220.	22.	2897.989	53.833	46.3	60.	153.	192.
00935 POTASSIUM, DISSOLVED (MG/L AS K)	08/23/77-01/27/81	28	5.	4.929	10.	1.	5.328	2.308	1.9	3.25	6.	10.

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

Parameter Inventory for Station: CANY0288

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/23/77-01/27/81	28	121.5	112.821	195.	17.	2863.56	53.512	35.9	57.25	153.75	186.
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/23/77-01/27/81	28	292.5	328.25	845.	80.	30646.491	175.061	130.5	174.5	445.	564.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/23/77-01/27/81	28	0.31	0.316	0.48	0.13	0.009	0.093	0.19	0.235	0.415	0.43
00955	SILICA, DISSOLVED (MG/L AS SiO2)	08/23/77-01/27/81	28	10.	10.286	14.	2.	5.175	2.275	8.9	9.	12.	13.1
01000	ARSENIC, DISSOLVED (UG/L AS AS)	09/20/77-01/27/81	17	2.	1.676	3.	0.5	0.404	0.636	0.9	1.	2.	2.2
01005	BARIUM, DISSOLVED (UG/L AS BA)	03/13/79-01/27/81	15 ##	25.	30.033	90.	0.5	405.017	20.125	15.2	25.	25.	72.
01020	BORON, DISSOLVED (UG/L AS B)	08/23/77-01/27/81	28	120.	158.643	625.	25.	12647.127	112.459	74.5	92.5	187.5	271.
01025	CADMIUM, DISSOLVED (UG/L AS CD)	03/13/79-01/27/81	14 ##	0.5	0.679	3.	0.5	0.446	0.668	0.5	0.5	0.5	1.75
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	03/13/79-01/27/81	15 ##	2.5	4.333	10.	2.5	8.452	2.907	2.5	2.5	7.5	10.
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	08/23/77-01/27/81	22 ##	2.5	2.841	9.	1.	2.533	1.592	1.3	2.5	2.5	4.7
01040	COPPER, DISSOLVED (UG/L AS CU)	10/17/77-01/27/81	15 ##	5.	6.1	20.	2.5	19.329	4.396	2.5	5.	5.	14.6
01046	IRON, DISSOLVED (UG/L AS FE)	09/20/77-01/27/81	15 ##	30.	139.333	1300.	5.	111585.238	334.044	5.	5.	50.	736.
01049	LEAD, DISSOLVED (UG/L AS PB)	03/13/79-01/27/81	14 ##	5.	4.464	10.	2.5	4.018	2.004	2.5	2.5	5.	7.5
01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/13/79-01/27/81	15 ##	5.	5.333	10.	2.5	4.345	2.085	2.5	5.	5.	10.
01065	NICKEL, DISSOLVED (UG/L AS NI)	10/17/77-01/27/81	16 ##	10.	10.406	25.	5.	33.807	5.814	5.	5.	12.5	21.5
01075	SILVER, DISSOLVED (UG/L AS AG)	10/17/77-01/27/81	15 ##	2.5	2.467	5.	1.	2.91	1.706	1.	1.	5.	5.
01090	ZINC, DISSOLVED (UG/L AS ZN)	03/13/79-01/27/81	15 ##	2.5	6.333	33.	2.5	61.524	7.844	2.5	2.5	7.	19.2
01145	SELENIUM, DISSOLVED (UG/L AS SE)	09/20/77-01/27/81	17 ##	0.5	0.706	2.	0.5	0.189	0.435	0.5	0.5	0.75	1.6
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	08/23/77-09/20/78	8	0.5	0.663	1.	0.5	0.054	0.233	**	**	**	**
03501	BETA, TOTAL	01/10/80-01/27/81	3	1.	58.	172.	1.	9747.	98.727	**	**	**	**
07000	TRITIUM (1H3),TOTAL (PICOCURIES/LITER)	01/10/80-01/27/81	3	237.	176.667	287.	6.	22470.333	149.901	**	**	**	**
09501	RADIUM 226, TOTAL	01/27/81-01/27/81	1 ##	250.	250.	250.	250.	0.	0.	**	**	**	**
13501	STRONTIUM 90, TOTAL	01/27/81-01/27/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	08/23/77-01/27/81	20	410.	3322.	24000.	4.	54178604.947	7360.612	23.	70.	1500.	22530.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	08/23/77-01/27/81	20	2.612	2.58	4.38	0.602	1.017	1.009	1.362	1.845	3.176	4.339
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	08/23/77-01/27/81	20	2.612	2.58	4.38	0.602	1.017	1.009	1.362	1.845	3.176	4.339
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	08/23/77-01/27/81	20	41.5	1568.7	24000.	9.	28320190.695	5321.672	11.5	14.375	755.	2310.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	08/23/77-01/27/81	20	1.618	2.024	4.38	0.954	0.932	0.965	1.061	1.136	2.817	3.36
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	08/23/77-01/27/81	20	1.618	2.024	4.38	0.954	0.932	0.965	1.061	1.136	2.817	3.36
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	05/15/78-05/15/79	4 ##	0.015	0.019	0.03	0.015	0.	0.008	**	**	**	**
50051	FLOW, RATE, INSTANTANEOUS MGD	02/14/78-02/14/78	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	08/23/77-01/27/81	28	799.	813.964	1622.	240.	112104.184	334.82	382.4	475.5	1040.	1243.2
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/23/77-01/27/81	25	0.02	0.022	0.04	0.01	0.	0.011	0.01	0.01	0.03	0.04
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	01/11/78-10/22/80	10	2.5	4.3	10.	1.	12.233	3.498	1.	1.75	7.	10.
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	02/14/78-10/23/78	7	0.07	0.12	0.3	0.05	0.01	0.1	**	**	**	**
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/23/77-05/15/78	5	5.	8.8	20.	4.	44.7	6.686	**	**	**	**
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	01/11/78-05/15/78	4	10.	10.	15.	5.	16.667	4.082	**	**	**	**
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/23/77-10/23/78	9	10.	17.778	40.	5.	169.444	13.017	5.	7.5	30.	40.
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	08/23/77-01/27/81	28	1.15	2.988	13.	0.02	14.013	3.743	0.039	0.23	4.	9.15
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/14/78-09/20/78	5	25.	27.	40.	20.	70.	8.367	**	**	**	**
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/23/77-10/23/78	11	130.	435.455	2100.	30.	386482.273	621.677	31.	55.	700.	1850.
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/23/77-01/27/81	19	0.1	0.111	0.3	0.05	0.006	0.077	0.05	0.05	0.1	0.3
82715	NICKEL, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/14/78-05/15/78	3	40.	40.	50.	30.	100.	10.	**	**	**	**
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/14/78-05/15/78	3	5.	5.	5.	5.	0.	0.	**	**	**	**
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/23/77-10/23/78	11	25.	51.818	165.	5.	2981.364	54.602	6.	15.	100.	158.

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

EPA Water Quality Criteria Analysis for Station: CANY0288

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	27	18	0.67	6	0.50	12	6	0.50	5	5	1.00	4	4	1.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	19	1	0.05	5	0.20	5	0	0.00	5	0	0.00	4	0	0.00
00400	PH	Fresh Chronic	9.	22	0	0.00	5	0.00	10	0	0.00	4	0	0.00	3	0	0.00
		Other-Lo Lim.	6.5	22	0	0.00	5	0.00	10	0	0.00	4	0	0.00	3	0	0.00
00406	PH, FIELD	Fresh Chronic	9.	9	0	0.00	2	0.00	3	0	0.00	3	0	0.00	1	0	0.00
		Other-Lo Lim.	6.5	9	0	0.00	2	0.00	3	0	0.00	3	0	0.00	1	0	0.00
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	20	0	0.00	4	0.00	10	0	0.00	3	0	0.00	3	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	28	0	0.00	7	0.00	12	0	0.00	5	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: CANY0288

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00630 NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	14	0	0.00	3	0	0.00	6	0	0.00	3	0	0.00	2	0	0.00
00941 CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	28	0	0.00	7	0	0.00	12	0	0.00	5	0	0.00	4	0	0.00
	Drinking Water	250.	28	0	0.00	7	0	0.00	12	0	0.00	5	0	0.00	4	0	0.00
00946 SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	28	19	0.68	7	7	1.00	12	12	1.00	5	0	0.00	4	0	0.00
00950 FLUORIDE, DISSOLVED AS F	Drinking Water	4.	28	0	0.00	7	0	0.00	12	0	0.00	5	0	0.00	4	0	0.00
01000 ARSENIC, DISSOLVED	Fresh Acute	360.	17	0	0.00	4	0	0.00	8	0	0.00	3	0	0.00	2	0	0.00
	Drinking Water	50.	17	0	0.00	4	0	0.00	8	0	0.00	3	0	0.00	2	0	0.00
01005 BARIUM, DISSOLVED	Drinking Water	2000.	15	0	0.00	3	0	0.00	7	0	0.00	3	0	0.00	2	0	0.00
01025 CADMIUM, DISSOLVED	Fresh Acute	3.9	14	0	0.00	3	0	0.00	7	0	0.00	3	0	0.00	1	0	0.00
	Drinking Water	5.	14	0	0.00	3	0	0.00	7	0	0.00	3	0	0.00	1	0	0.00
01030 CHROMIUM, DISSOLVED	Drinking Water	100.	15	0	0.00	3	0	0.00	7	0	0.00	3	0	0.00	2	0	0.00
01032 CHROMIUM, HEXAVALENT	Fresh Acute	16.	22	0	0.00	5	0	0.00	10	0	0.00	5	0	0.00	2	0	0.00
	Drinking Water	100.	22	0	0.00	5	0	0.00	10	0	0.00	5	0	0.00	2	0	0.00
01040 COPPER, DISSOLVED	Fresh Acute	18.	15	1	0.07	3	0	0.00	8	1	0.13	3	0	0.00	1	0	0.00
	Drinking Water	1300.	15	0	0.00	3	0	0.00	8	0	0.00	3	0	0.00	1	0	0.00
01049 LEAD, DISSOLVED	Fresh Acute	82.	14	0	0.00	3	0	0.00	7	0	0.00	3	0	0.00	1	0	0.00
	Drinking Water	15.	14	0	0.00	3	0	0.00	7	0	0.00	3	0	0.00	1	0	0.00
01065 NICKEL, DISSOLVED	Fresh Acute	1400.	16	0	0.00	3	0	0.00	8	0	0.00	3	0	0.00	2	0	0.00
	Drinking Water	100.	16	0	0.00	3	0	0.00	8	0	0.00	3	0	0.00	2	0	0.00
01075 SILVER, DISSOLVED	Fresh Acute	4.1	12 &	1	0.08	3	0	0.00	5	1	0.20	3	0	0.00	1	0	0.00
	Drinking Water	100.	15	0	0.00	3	0	0.00	8	0	0.00	3	0	0.00	1	0	0.00
01090 ZINC, DISSOLVED	Fresh Acute	120.	15	0	0.00	3	0	0.00	7	0	0.00	3	0	0.00	2	0	0.00
	Drinking Water	5000.	15	0	0.00	3	0	0.00	7	0	0.00	3	0	0.00	2	0	0.00
01145 SELENIUM, DISSOLVED	Fresh Acute	20.	17	0	0.00	4	0	0.00	8	0	0.00	3	0	0.00	2	0	0.00
	Drinking Water	50.	17	0	0.00	4	0	0.00	8	0	0.00	3	0	0.00	2	0	0.00
01167 SELENIUM, ACID SOLUBLE, WATER, WHOLE	Fresh Acute	20.	8	0	0.00	3	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00
	Drinking Water	50.	8	0	0.00	3	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00
07000 TRITIUM, TOTAL	Drinking Water	20000.	3	0	0.00	1	0	0.00	2	0	0.00						
09501 RADIUM 226, TOTAL	Drinking Water	5.	0 &	0	0.00												
13501 STRONTIUM 90, TOTAL	Drinking Water	8.	1	0	0.00				1	0	0.00						
31506 COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	20	7	0.35	6	2	0.33	9	2	0.22	3	2	0.67	2	1	0.50
31614 FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	20	8	0.40	6	3	0.50	9	3	0.33	3	1	0.33	2	1	0.50
82702 ARSENIC, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	360.	10	0	0.00	2	0	0.00	4	0	0.00	2	0	0.00	2	0	0.00
	Drinking Water	50.	10	0	0.00	2	0	0.00	4	0	0.00	2	0	0.00	2	0	0.00
82703 BARIUM, FIELD ACIDIFIED, DECANTED, WATER	Drinking Water	2.	7	0	0.00				3	0	0.00	2	0	0.00	2	0	0.00
82705 CADMIUM, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	3.9	5	5	1.00	1	1	1.00	2	2	1.00	2	2	1.00			
	Drinking Water	5.	5	4	0.80	1	1	1.00	2	1	0.50	2	2	1.00			
82706 CHROMIUM, FIELD ACIDIFIED, DECANTED, WAT	Drinking Water	100.	4	0	0.00				2	0	0.00	2	0	0.00			
82708 COPPER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	18.	9	4	0.44	1	0	0.00	4	2	0.50	2	1	0.50	2	1	0.50
	Drinking Water	1300.	9	0	0.00	1	0	0.00	4	0	0.00	2	0	0.00	2	0	0.00
82711 LEAD, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	82.	5	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00
	Drinking Water	15.	5	5	1.00	1	1	1.00	1	1	1.00	2	2	1.00	1	1	1.00
82713 MERCURY, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	2.4	19	0	0.00	4	0	0.00	7	0	0.00	4	0	0.00	4	0	0.00
	Drinking Water	2.	19	0	0.00	4	0	0.00	7	0	0.00	4	0	0.00	4	0	0.00
82715 NICKEL, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	1400.	3	0	0.00				1	0	0.00	2	0	0.00			
	Drinking Water	100.	3	0	0.00				1	0	0.00	2	0	0.00			
82716 SILVER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	4.1	3	3	1.00				1	1	1.00	2	2	1.00			
	Drinking Water	100.	3	0	0.00				1	0	0.00	2	0	0.00			
82719 ZINC, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	120.	11	2	0.18	3	0	0.00	4	0	0.00	2	1	0.50	2	1	0.50
	Drinking Water	5000.	11	0	0.00	3	0	0.00	4	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: CANY0289

NPS Station ID: CANY0289
 Location: HORSETHIEF SPRING
 Station Type: /TYP/AMBNT/SPRING
 RMI-Indexes:
 RMI-Miles:
 HUC: 14060008
 Major Basin: COLORADO RIVER
 Minor Basin: GREEN RIVER
 RF1 Index: 14060008
 RF3 Index: 14070004002901.17

LAT/LON: 38.513670/-109.935476

Depth of Water: 0
 Elevation: 0

RF1 Mile Point: 0.000
 RF3 Mile Point: 2.36

Agency: 11NPSWRD
 FIPS State/County: 49019 UTAH/GRAND
 STORET Station ID(s): CANY_WWRR1_HOR
 Within Park Boundary: No

Date Created: 08/02/99

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.80
 Distance from RF3: 0.11

On/Off RF1:
 On/Off RF3:

Description:
 THE STATION IS LOCATED ON THE MINERAL CANYON UTAH 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT HORSETHIEF SPRING OUTSIDE THE CANYONLANDS NATIONAL PARK. THE DATA ARE FROM THE REPORT "THE HYDROGEOLOGIC FEASIBILITY OF DEVELOPING GROUND-WATER SUPPLIES IN THE NORTHERN PART OF CANYONLANDS NATIONAL PARK AND BRIDGES NATIONAL MONUMENT, UTAH" BY P.W. HUNTOON (NOVEMBER 1977). THE REPORT WAS SUBMITTED TO THE NATIONAL PARK SERVICE FOR CONTRACT CX-1200-7-B020. FOR PARK INFORMATION CONTACT THE CHIEF OF RESOURCES AT CANYONLANDS NATIONAL PARK; 2282 S. WEST RESOURCE BLVD.; MOAB UT 84532 (TEL. 801-259-7164). DATA WERE PROCESSED AND UPLOADED TO STORET BY LISA DUMMER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: CANY0289

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011 TEMPERATURE, WATER (DEGREES FAHRENHEIT)	08/22/77-08/22/77	1	69.	69.	69.	69.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/22/77-08/22/77	1	395.	395.	395.	395.	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	08/22/77-08/22/77	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	08/22/77-08/22/77	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/22/77-08/22/77	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00440 BICARBONATE ION (MG/L AS HCO3)	08/22/77-08/22/77	1	180.	180.	180.	180.	0.	0.	**	**	**	**
00618 NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/22/77-08/22/77	1	8.9	8.9	8.9	8.9	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	08/22/77-08/22/77	1	180.	180.	180.	180.	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	08/22/77-08/22/77	1	36.	36.	36.	36.	0.	0.	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	08/22/77-08/22/77	1	21.5	21.5	21.5	21.5	0.	0.	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	08/22/77-08/22/77	1	9.6	9.6	9.6	9.6	0.	0.	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	08/22/77-08/22/77	1	2.6	2.6	2.6	2.6	0.	0.	**	**	**	**
00940 CHLORIDE, TOTAL IN WATER MG/L	08/22/77-08/22/77	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	08/22/77-08/22/77	1	21.	21.	21.	21.	0.	0.	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	08/22/77-08/22/77	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SiO2)	08/22/77-08/22/77	1	27.	27.	27.	27.	0.	0.	**	**	**	**
01020 BORON, DISSOLVED (UG/L AS B)	08/22/77-08/22/77	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
70300 RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	08/22/77-08/22/77	1	346.	346.	346.	346.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0289

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
							Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	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									
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		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									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	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

Station Inventory for Station: CANY0290

NPS Station ID: CANY0290
 Location: MOAB SALT TAILINGS POND REINJECTION 03
 Station Type: /RESERV/TYPA/AMBNT/MINE/IMPDMT
 RMI-Indexes:
 RMI-Miles:
 HUC: 14030005
 Major Basin:
 Minor Basin:
 RF1 Index:
 RF3 Index: 14030005001700.00
 Description:

LAT/LON: 38.519667/-109.663833

 Depth of Water: 0
 Elevation: 0

 RF1 Mile Point: 0.000
 RF3 Mile Point: 4.51

Agency: 21UTAH
 FIPS State/County: 49019 UTAH/GRAND
 STORET Station ID(s): 495626
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.40
 Distance from RF3: 0.11

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: CANY0290

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/02/90-10/04/99	20	19.	19.37	30.	9.	43.705	6.611	10.1	14.425	25.65	28.9
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/02/90-10/04/99	15	15.	17.493	36.	5.	118.165	10.87	5.	8.	28.4	34.8
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	11/14/89-10/04/99	33	8.16	38.707	695.	0.95	14372.066	119.884	3.956	5.12	26.5	61.26
00094 SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	11/02/90-10/04/99	16	199900.	281108.619	999990.	199.983843205823.699	289556.913	1080.57	199000.	235325.	999297.	
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/14/89-10/04/99	33	99999.	109727.879	436100.	10000.4677944036.61	68395.497	72651.6	99999.	100000.	152380.	
00191 HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	11/14/89-10/04/99	34	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00300 OXYGEN, DISSOLVED MG/L	01/07/92-08/22/95	3	0.8	2.547	6.4	0.44	11.169	3.342	**	**	**	**
00310 BOD, 5 DAY, 20 DEG C MG/L	01/07/92-01/07/92	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	11/14/89-10/04/99	33	6.87	6.872	7.8	3.81	0.383	0.619	6.552	6.8	7.15	7.342
00400 CONVERTED PH (STANDARD UNITS)	11/14/89-10/04/99	33	6.87	5.317	7.8	3.81	2.879	1.697	6.552	6.8	7.15	7.342
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/14/89-10/04/99	33	0.135	4.821	154.882	0.016	725.695	26.939	0.046	0.071	0.158	0.284
00405 CARBON DIOXIDE (MG/L AS CO2)	11/14/89-10/04/99	35	17.	115.	3350.	4.	317333.706	563.324	8.	10.	20.	39.6
00406 PH, FIELD, STANDARD UNITS SU	11/02/90-10/04/99	21	6.7	6.676	7.3	6.3	0.062	0.249	6.32	6.5	6.8	7.
00406 CONVERTED PH, FIELD, STANDARD UNITS	11/02/90-10/04/99	21	6.7	6.614	7.3	6.3	0.066	0.257	6.32	6.5	6.8	7.
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/02/90-10/04/99	21	0.2	0.243	0.501	0.05	0.016	0.128	0.1	0.158	0.325	0.481
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	11/14/89-10/04/99	36	66.	72.528	208.	28.	753.971	27.459	54.5	62.25	77.75	92.7
00440 BICARBONATE ION (MG/L AS HCO3)	11/14/89-10/04/99	35	80.	83.829	135.	34.	326.97	18.082	64.8	75.	94.	106.4
00445 CARBONATE ION (MG/L AS CO3)	11/14/89-10/04/99	34	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	11/14/89-10/04/99	34	130.8	147.609	534.	3.	18043.052	134.324	18.	51.25	178.9	359.
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/07/92-01/07/92	1	1.73	1.73	1.73	1.73	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	11/14/89-10/04/99	34	16481.	16910.688	74280.	655.4	184435437.916	13580.701	2190.25	7357.6	23616.	27862.
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	11/14/89-10/04/99	35	5300.	5392.857	24000.	200.	19078709.244	4367.918	762.	1720.	7500.	9032.
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	11/14/89-10/04/99	35	740.	748.997	3500.	38.	437684.359	661.577	71.14	180.	1110.	1310.
00930 SODIUM, DISSOLVED (MG/L AS Na)	11/14/89-10/04/99	35	100000.	97998.857	120000.	2300.	390532516.303	19761.896	84220.	96900.	108400.	111200.
00935 POTASSIUM, DISSOLVED (MG/L AS K)	11/14/89-10/04/99	35	20300.	16878.114	42000.	500.	115798215.045	10760.958	2340.	4100.	24300.	27400.
00941 CHLORIDE, DISSOLVED IN WATER MG/L	11/14/89-10/04/99	35	190000.	195233.571	700000.	4425.11209153931.723	105873.292	86050.	180000.	202500.	254000.	
00946 SULFATE, DISSOLVED (MG/L AS SO4)	11/14/89-10/04/99	35	87.16	410.523	1900.	2.5	296074.834	544.128	5.	5.	610.	1240.
01000 ARSENIC, DISSOLVED (UG/L AS AS)	10/23/94-10/23/94	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01002 ARSENIC, TOTAL (UG/L AS AS)	04/04/94-07/12/94	2 ##	3.75	3.75	5.	2.5	3.125	1.768	**	**	**	**
01030 CHROMIUM, DISSOLVED (UG/L AS CR)	10/23/94-10/23/94	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01034 CHROMIUM, TOTAL (UG/L AS CR)	04/04/94-07/12/94	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01040 COPPER, DISSOLVED (UG/L AS CU)	10/23/94-10/23/94	1	630.	630.	630.	630.	0.	0.	**	**	**	**
01042 COPPER, TOTAL (UG/L AS CU)	04/04/94-07/12/94	2 ##	110.	110.	110.	110.	0.	0.	**	**	**	**
01046 IRON, DISSOLVED (UG/L AS FE)	10/23/94-10/23/94	1	15000.	15000.	15000.	15000.	0.	0.	**	**	**	**
01055 MANGANESE, TOTAL (UG/L AS MN)	04/04/94-07/12/94	2	2600.	2600.	3000.	2200.	320000.	565.685	**	**	**	**
01056 MANGANESE, DISSOLVED (UG/L AS MN)	10/23/94-10/23/94	1	5900.	5900.	5900.	5900.	0.	0.	**	**	**	**
01065 NICKEL, DISSOLVED (UG/L AS NI)	09/23/92-10/23/94	2 ##	10.	10.	15.	5.	50.	7.071	**	**	**	**
01067 NICKEL, TOTAL (UG/L AS NI)	04/04/94-07/12/94	2 ##	7.5	7.5	10.	5.	12.5	3.536	**	**	**	**

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

Parameter Inventory for Station: CANY0290

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01090	ZINC, DISSOLVED (UG/L AS ZN)	10/23/94-10/23/94	1	2500.	2500.	2500.	2500.	0.	0.	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	04/04/94-07/12/94	2 ##	782.5	782.5	1400.	165.	762612.5	873.277	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/23/94-10/23/94	1 ##	6.5	6.5	6.5	6.5	0.	0.	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	04/04/94-07/12/94	2 ##	7.75	7.75	11.5	4.	28.125	5.303	**	**	**
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	11/14/89-10/04/99	30 ##	19.5	246.6	1900.	0.5	256278.421	506.239	1.1	4.	247.5
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/07/92-01/07/92	1	50.	50.	50.	50.	0.	0.	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	01/07/92-01/07/92	1	1.699	1.699	1.699	1.699	0.	0.	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =		50.								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/07/92-01/07/92	1	6.	6.	6.	6.	0.	0.	**	**	**
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	01/07/92-01/07/92	1	0.778	0.778	0.778	0.778	0.	0.	**	**	**
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =		6.								
50051	FLOW, RATE, INSTANTANEOUS MGD	01/07/92-01/07/92	1	5.	5.	5.	5.	0.	0.	**	**	**
61027	ANIONS, SUM, TOTAL IN WATER MG/L	01/07/92-10/04/99	31	190150.	186021.839	700540.	0.15058266900.606	122712.13	10341.	169240.	203000.	268048.
61944	CATIONS, SUM, TOTAL IN WATER, MG/L	01/07/92-10/04/99	31	126880.	113202.581	142600.	0.1563025388.052	39535.116	18146.4	114280.	134500.	136972.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	11/14/89-10/04/99	36	326920.	298149.278	357830.	1018.6610669307.463	81306.023	197996.	292885.	339625.	345163.
74010	IRON, TOTAL (MG/L AS FE)	04/04/94-07/12/94	2 ##	1.405	1.405	2.7	0.11	3.354	1.831	**	**	**
82701	ALUMINUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/10/93-08/10/93	1 ##	1650.	1650.	1650.	1650.	0.	0.	**	**	**
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	11/14/89-10/04/99	30 ##	15.	138.7	700.	0.5	46838.7	216.423	2.5	2.875	182.5
82703	BARIIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	11/14/89-08/10/93	3 ##	0.23	0.227	0.34	0.11	0.013	0.115	**	**	**
82704	BERYLLIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/10/93-08/10/93	1 ##	5.5	5.5	5.5	5.5	0.	0.	**	**	**
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	11/14/89-08/10/93	3 ##	50.	42.	50.5	25.5	204.25	14.292	**	**	**
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	11/14/89-10/04/99	30 ##	16.25	518.367	13310.	2.5	5876931.154	2424.238	2.5	2.5	36.875
82707	COBALT, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/10/93-08/10/93	1 ##	220.	220.	220.	220.	0.	0.	**	**	**
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	11/14/89-10/04/99	30 ##	147.5	236.333	1100.	9.	81929.833	286.234	10.4	21.875	316.25
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	11/14/89-10/04/99	30	0.548	228.601	5800.	0.11	1140451.09	1067.919	0.129	0.289	1.425
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	11/14/89-08/10/93	3 ##	250.	196.	273.	65.	13003.	114.031	**	**	**
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	11/14/89-10/04/99	30	3900.	3424.	7000.	410.	2355838.621	1534.874	1114.	2195.	4325.
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	11/14/89-08/10/93	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**
82714	MOLYBDENUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/10/93-08/10/93	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
82715	NICKEL, FIELD ACIDIFIED, DECANTED, WATER UG/L	01/19/92-10/04/99	28 ##	23.5	266.446	4020.	5.	578742.136	760.751	5.	5.	276.25
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	11/14/89-08/10/93	3 ##	1.	2.333	5.	1.	5.333	2.309	**	**	**
82718	VANADIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/10/93-08/10/93	1 ##	550.	550.	550.	550.	0.	0.	**	**	**
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	11/14/89-10/04/99	30	1600.	1787.833	8600.	15.	3153644.282	1775.85	257.5	636.25	2045.
82725	BORON, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/10/93-08/10/93	1	790.	790.	790.	790.	0.	0.	**	**	**

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EPA Water Quality Criteria Analysis for Station: CANY0290

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	50.	33	5	0.15	8	2	0.25	13	1	0.08	7	2	0.29	5	0	0.00
00300	OXYGEN, DISSOLVED	4.	3	2	0.67	2	2	1.00	1	0	0.00						
00400	PH	9.	33	0	0.00	8	0	0.00	14	0	0.00	6	0	0.00	5	0	0.00
	Other-Lo Lim.	6.5	33	3	0.09	8	0	0.00	14	2	0.14	6	1	0.17	5	0	0.00
00406	PH, FIELD	9.	21	0	0.00	5	0	0.00	8	0	0.00	5	0	0.00	3	0	0.00
	Other-Lo Lim.	6.5	21	5	0.24	5	3	0.60	8	1	0.13	5	0	0.00	3	1	0.33
00941	CHLORIDE, DISSOLVED IN WATER	860.	35	35	1.00	9	9	1.00	14	14	1.00	7	7	1.00	5	5	1.00
	Drinking Water	250.	35	35	1.00	9	9	1.00	14	14	1.00	7	7	1.00	5	5	1.00
00946	SULFATE, DISSOLVED (AS SO4)	250.	35	15	0.43	9	4	0.44	14	8	0.57	7	2	0.29	5	1	0.20
01000	ARSENIC, DISSOLVED	360.	1	0	0.00				1	0	0.00						
	Drinking Water	50.	1	0	0.00				1	0	0.00						
01002	ARSENIC, TOTAL	360.	2	0	0.00							1	0	0.00	1	0	0.00
	Drinking Water	50.	2	0	0.00							1	0	0.00	1	0	0.00
01030	CHROMIUM, DISSOLVED	100.	1	0	0.00				1	0	0.00						
01034	CHROMIUM, TOTAL	100.	2	0	0.00							1	0	0.00	1	0	0.00
01040	COPPER, DISSOLVED	18.	1	1	1.00				1	1	1.00						
	Drinking Water	1300.	1	0	0.00				1	0	0.00						
01042	COPPER, TOTAL	18.	0 &	0	0.00												
	Drinking Water	1300.	2	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

EPA Water Quality Criteria Analysis for Station: CANY0290

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
01065 NICKEL, DISSOLVED	Fresh Acute	1400.	2	0	0.00	1	0	0.00	1	0	0.00						
	Drinking Water	100.	2	0	0.00	1	0	0.00	1	0	0.00						
01067 NICKEL, TOTAL	Fresh Acute	1400.	2	0	0.00							1	0	0.00	1	0	0.00
	Drinking Water	100.	2	0	0.00							1	0	0.00	1	0	0.00
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						
01092 ZINC, TOTAL	Fresh Acute	120.	1 &	1	1.00							1	1	1.00			
	Drinking Water	5000.	2	0	0.00							1	0	0.00	1	0	0.00
01145 SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00				1	0	0.00						
	Drinking Water	50.	1	0	0.00				1	0	0.00						
01147 SELENIUM, TOTAL	Fresh Acute	20.	2	0	0.00							1	0	0.00	1	0	0.00
	Drinking Water	50.	2	0	0.00							1	0	0.00	1	0	0.00
01167 SELENIUM, ACID SOLUBLE, WATER, WHOLE	Fresh Acute	20.	23 &	8	0.35	5	1	0.20	11	4	0.36	4	1	0.25	3	2	0.67
	Drinking Water	50.	26 &	8	0.31	5	1	0.20	12	4	0.33	5	1	0.20	4	2	0.50
31506 COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	1	0	0.00				1	0	0.00						
31614 FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	1	0	0.00				1	0	0.00						
82702 ARSENIC, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	360.	30	5	0.17	7	1	0.14	13	3	0.23	6	1	0.17	4	0	0.00
	Drinking Water	50.	26 &	8	0.31	6	2	0.33	12	4	0.33	4	1	0.25	4	1	0.25
82703 BARIUM, FIELD ACIDIFIED, DECANTED, WATER	Drinking Water	2.	3	0	0.00	1	0	0.00	2	0	0.00						
82704 BERYLLIUM, FIELD ACIDIFIED, DECANTED, WA	Fresh Acute	130.	1	0	0.00	1	0	0.00									
	Drinking Water	4.	0 &	0	0.00												
82705 CADMIUM, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	3.9	0 &	0	0.00												
	Drinking Water	5.	0 &	0	0.00												
82706 CHROMIUM, FIELD ACIDIFIED, DECANTED, WAT	Drinking Water	100.	27 &	3	0.11	6	0	0.00	13	1	0.08	5	1	0.20	3	1	0.33
82708 COPPER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	18.	20 &	14	0.70	4	1	0.25	13	10	0.77	3	3	1.00			
	Drinking Water	1300.	30	0	0.00	7	0	0.00	13	0	0.00	6	0	0.00	4	0	0.00
82711 LEAD, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	82.	2 &	1	0.50	1	1	1.00	1	0	0.00						
	Drinking Water	15.	1 &	1	1.00	1	1	1.00									
82713 MERCURY, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	2.4	3	0	0.00	1	0	0.00	2	0	0.00						
	Drinking Water	2.	3	0	0.00	1	0	0.00	2	0	0.00						
82715 NICKEL, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	1400.	28	1	0.04	7	0	0.00	11	0	0.00	6	1	0.17	4	0	0.00
	Drinking Water	100.	27 &	9	0.33	7	2	0.29	10	3	0.30	6	3	0.50	4	1	0.25
82716 SILVER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	4.1	2 &	0	0.00	1	0	0.00	1	0	0.00						
	Drinking Water	100.	3	0	0.00	1	0	0.00	2	0	0.00						
82719 ZINC, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	120.	27 &	26	0.96	5	5	1.00	13	13	1.00	6	5	0.83	3	3	1.00
	Drinking Water	5000.	30	2	0.07	7	0	0.00	13	2	0.15	6	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: 7/15 to 10/14 - Station CANY0290

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00405	CARBON DIOXIDE (MG/L AS CO2)	11/14/89-10/04/99	9	11.	12.444	21.	4.	33.528	5.79	4.	7.5	21.
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	11/14/89-10/04/99	9	65.	66.	79.	44.	125.	11.18	44.	60.5	79.
00440	BICARBONATE ION (MG/L AS HCO3)	11/14/89-10/04/99	9	80.	80.444	96.	54.	181.778	13.482	54.	74.	96.
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	11/14/89-10/04/99	9	1720.	3668.889	9680.	600.	12347136.111	3513.849	600.	1100.	9680.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/14/89-10/04/99	9	194.	524.889	1420.	51.	301182.861	548.801	51.	119.5	1420.
00930	SODIUM, DISSOLVED (MG/L AS Na)	11/14/89-10/04/99	9	97000.	101477.778	120000.	91700.	97454444.444	9871.902	91700.	92600.	120000.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/14/89-10/04/99	9	4100.	11252.222	27000.	2000.	120624794.444	10982.932	2000.	2350.	27000.
00941	CHLORIDE, DISSOLVED IN WATER MG/L	11/14/89-10/04/99	9	186000.	204333.333	330000.	155000.	2929812500.	54127.742	155000.	167750.	330000.
00946	SULFATE, DISSOLVED (MG/L AS SO4)	11/14/89-10/04/99	9	51.588	432.914	1840.	2.5	391394.026	625.615	2.5	5.	1840.
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	11/14/89-10/04/99	9	314470.	299374.444	348060.	191220.	2805634852.778	52968.244	191220.	267480.	348060.

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

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station CANY0290

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00405	CARBON DIOXIDE (MG/L AS CO2)	11/14/89-10/04/99	14	20.	30.214	137.	10.	1019.258	31.926	11.5	18.5	89.5
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	11/14/89-10/04/99	15	65.	75.	208.	28.	1630.286	40.377	36.4	61.	142.6
00440	BICARBONATE ION (MG/L AS HCO3)	11/14/89-10/04/99	14	80.	80.143	121.	34.	443.978	21.071	43.	73.5	115.5
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	11/14/89-10/04/99	14	7375.	7720.714	24000.	1300.	26815360.989	5178.355	2500.	5250.	16540.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/14/89-10/04/99	14	1100.	1057.707	3500.	77.9	653734.37	808.538	128.95	575.	2450.
00930	SODIUM, DISSOLVED (MG/L AS Na)	11/14/89-10/04/99	14	97500.	95692.857	110000.	65000.	149862252.747	12241.824	69000.	96775.	110000.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/14/89-10/04/99	14	24150.	24035.714	42000.	4100.	69305549.451	8324.995	11350.	19800.	37500.
00941	CHLORIDE, DISSOLVED IN WATER MG/L	11/14/89-10/04/99	14	191250.	183982.143	202500.	116750.	485639079.67	22037.22	142750.	178750.	202500.
00946	SULFATE, DISSOLVED (MG/L AS SO4)	11/14/89-10/04/99	14	514.4	466.913	1300.	5.	218739.889	467.696	5.	5.	1250.
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	11/14/89-10/04/99	15	329610.	299821.867	345590.	1018.	8084529560.838	89914.012	120947.2	318720.	345068.

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

Seasonal Analysis for Season #3: 4/01 to 5/31 - Station CANY0290

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00405	CARBON DIOXIDE (MG/L AS CO2)	11/14/89-10/04/99	7	13.	489.143	3350.	5.	1591447.143	1261.526	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	11/14/89-10/04/99	7	71.	77.429	111.	65.	277.952	16.672	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	11/14/89-10/04/99	7	87.	94.571	135.	79.	408.952	20.223	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	11/14/89-10/04/99	7	5300.	5107.143	8040.	200.	7033290.476	2652.035	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/14/89-10/04/99	7	790.	741.857	1140.	38.	155550.81	394.399	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS Na)	11/14/89-10/04/99	7	104000.	89708.571	110000.	2300.	1495775180.952	38675.253	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/14/89-10/04/99	7	21000.	17271.429	23800.	500.	69852380.952	8357.774	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	11/14/89-10/04/99	7	190000.	215060.714	700000.	4425.52534467470.238	229203.987	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	11/14/89-10/04/99	7	109.	276.161	1160.5	2.5	183320.145	428.159	**	**	**
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	11/14/89-10/04/99	7	334400.	285285.143	357830.	7566.15426072418.476	124201.741	**	**	**	**

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

Seasonal Analysis for Season #4: 6/01 to 7/14 - Station CANY0290

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00405	CARBON DIOXIDE (MG/L AS CO2)	11/14/89-10/04/99	5	10.	13.2	24.	10.	37.2	6.099	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CaCO3)	11/14/89-10/04/99	5	70.	70.	79.	60.	55.5	7.45	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	11/14/89-10/04/99	5	86.	85.2	96.	73.	81.7	9.039	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS Ca)	11/14/89-10/04/99	5	2810.	2378.	4510.	720.	2616970.	1617.705	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/14/89-10/04/99	5	268.	298.	640.	61.	59089.5	243.083	**	**	**

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

Seasonal Analysis for Season #4: 6/01 to 7/14 - Station CANY0290

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00930 SODIUM, DISSOLVED (MG/L AS NA)	11/14/89-10/04/99	5	110000.	109800.	120000.	101000.	53700000.	7328.028	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	11/14/89-10/04/99	5	4674.	6412.8	15100.	2500.	25316089.2	5031.51	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	11/14/89-10/04/99	5	193000.	182600.	275000.	40000.	7521300000.	86725.429	**	**	**	**
00946 SULFATE, DISSOLVED (MG/L AS SO4)	11/14/89-10/04/99	5 ##	5.	400.432	1900.	5.	703985.733	839.039	**	**	**	**
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	11/14/89-10/04/99	5	311080.	308936.	326980.	277790.	348214330.	18660.502	**	**	**	**

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Station Inventory for Station: CANY0291

NPS Station ID: CANY0291
 Location: GREEN R AT MINERAL BOTTOMS
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 14060008
 Major Basin:
 Minor Basin:
 RF1 Index:
 RF3 Index: 14030005002200.00

LAT/LON: 38.526667/-109.992667

Depth of Water: 0
 Elevation: 0
 RF1 Mile Point: 0.000
 RF3 Mile Point: 1.16

Agency: 21UTAH
 FIPS State/County: 49019 UTAH/GRAND
 STORET Station ID(s): 493015
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.00
 Distance from RF3: 0.04

On/Off RF1:
 On/Off RF3:

Description:
 WATER QUALITY STATION IS LOCATED IN CANYONLANDS NP. THIS PARK IS MANAGED BY THE NATIONAL PARK SERVICE'S SOUTHEAST UTAH GROUP.
 WATER SAMPLES COLLECTED BY CANYONLANDS NATIONAL PARK NATURAL RESOURCE MANAGEMENT STAFF (125 W. 200 S.; MOAB UT 84532; TELEPHONE:
 435-259-3911); ANALYZED BY THE UTAH DEPARTMENT OF HEALTH LABORATORY AND UPLOADED INTO STORET BY THE UTAH DEPARTMENT OF
 ENV QUALITY - DIVISION OF WATER QUALITY.

Parameter Inventory for Station: CANY0291

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/19/77-09/06/99	52	15.	15.098	30.6	0.1	64.688	8.043	3.43	9.2	22.075	25.97
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/14/92-09/06/99	8	18.4	19.863	34.	12.	44.814	6.694	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	07/30/84-09/30/95	10	6500.	7191.	15950.	2400.	19688810.	4437.207	2490.	3675.	8750.	15755.
00076p TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/14/77-09/06/99	60	245.	269.592	1000.	11.53	61345.945	247.681	33.2	82.	385.	500.
00094p SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/13/78-09/06/99	44	822.5	794.091	1500.	250.	62950.596	250.9	435.	642.5	949.25	1036.
00095p SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/14/77-09/06/99	62	842.5	805.839	1720.	356.	55278.629	235.114	524.	635.	956.25	1034.9
00191 HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	04/17/84-09/06/99	35	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00300 OXYGEN, DISSOLVED MG/L	07/19/77-06/03/99	37	8.2	8.022	14.7	1.5	5.544	2.355	5.3	6.8	9.1	11.36
00310 BOD, 5 DAY, 20 DEG C MG/L	07/19/77-10/25/78	6	1.	2.833	11.	1.	16.167	4.021	**	**	**	**
00335 COD, .025N K2CR2O7 MG/L	06/14/77-04/29/90	36	16.	18.278	105.	5.	269.392	16.413	6.4	8.375	21.75	26.
00400p PH (STANDARD UNITS)	06/14/77-09/06/99	44	8.2	8.204	8.6	7.6	0.063	0.25	7.8	8.047	8.4	8.5
00400p CONVERTED PH (STANDARD UNITS)	06/14/77-09/06/99	44	8.2	8.126	8.6	7.6	0.069	0.262	7.8	8.047	8.4	8.5
00400p MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/14/77-09/06/99	44	0.006	0.007	0.025	0.003	0.	0.005	0.003	0.004	0.009	0.016
00405p CARBON DIOXIDE (MG/L AS CO2)	06/14/77-09/06/99	72	2.	2.292	7.	0.	2.294	1.515	1.	1.	3.	4.4
00406 PH, FIELD, STANDARD UNITS SU	02/13/78-09/06/99	34	7.9	7.709	8.5	6.2	0.452	0.672	6.4	7.3	8.225	8.4
00406 CONVERTED PH, FIELD, STANDARD UNITS	02/13/78-09/06/99	34	7.9	7.086	8.5	6.2	0.852	0.923	6.4	7.3	8.225	8.4
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/13/78-09/06/99	34	0.013	0.082	0.631	0.003	0.03	0.172	0.004	0.006	0.05	0.409
00410p ALKALINITY, TOTAL (MG/L AS CaCO3)	06/14/77-09/06/99	60	164.	153.617	198.	85.	858.24	29.296	98.	136.5	175.	184.
00440p BICARBONATE ION (MG/L AS HCO3)	06/14/77-09/06/99	60	197.	186.667	242.	104.	1269.616	35.632	116.3	164.5	214.	223.8
00445p CARBONATE ION (MG/L AS CO3)	07/24/79-09/06/99	40	0.	0.575	4.	0.	1.738	1.318	0.	0.	0.	3.9
00530p RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/14/77-09/06/99	55	516.	1094.582	9999.	5.	3744899.211	1935.174	83.	200.	1010.	2457.2
00610p NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/14/77-06/03/99	55 ##	0.05	0.073	0.6	0.025	0.007	0.081	0.025	0.025	0.1	0.1
00615 NITRITE NITROGEN, TOTAL (MG/L AS N)	03/20/78-04/05/89	31 ##	0.005	0.011	0.025	0.005	0.	0.009	0.005	0.005	0.02	0.025
00620p NITRATE NITROGEN, TOTAL (MG/L AS N)	06/14/77-04/05/89	42	0.375	0.475	1.96	0.005	0.139	0.373	0.108	0.25	0.57	0.847
00625p NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/19/77-09/30/95	55	0.66	1.062	4.8	0.05	1.299	1.14	0.2	0.32	1.5	2.4
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/24/79-09/06/99	11	0.3	5.386	56.	0.025	281.863	16.789	0.03	0.2	0.45	45.
00631 NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/16/91-06/03/99	16	0.09	0.184	0.93	0.01	0.054	0.231	0.01	0.046	0.276	0.53
00665p PHOSPHORUS, TOTAL (MG/L AS P)	06/14/77-09/06/99	51	0.216	0.433	2.693	0.02	0.322	0.568	0.028	0.09	0.55	0.928
00666 PHOSPHORUS, DISSOLVED (MG/L AS P)	07/16/91-06/03/99	16 ##	0.01	0.016	0.068	0.005	0.	0.017	0.005	0.005	0.02	0.048

** - 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 time series plot

Parameter Inventory for Station: CANY0291

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/19/77-04/29/90	35	5.	12.2	64.1	2.	274.554	16.57	2.86	3.4	12.	44.64
00900p	HARDNESS, TOTAL (MG/L AS CaCO3)	06/14/77-09/06/99	60	290.65	271.737	420.	132.	5170.343	71.905	149.72	215.7	323.	359.93
00915p	CALCIUM, DISSOLVED (MG/L AS Ca)	06/14/77-09/06/99	61	64.	61.808	120.	29.	266.42	16.322	36.4	49.5	72.	78.
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/14/77-09/06/99	61	29.	32.008	250.	11.	878.106	29.633	14.68	22.	34.5	40.
00930p	SODIUM, DISSOLVED (MG/L AS Na)	06/14/77-09/06/99	60	75.	71.008	139.	24.	627.165	25.043	30.4	51.5	86.75	98.8
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	06/14/77-09/06/99	60	3.	2.893	5.	1.	0.708	0.842	1.757	2.408	3.075	4.
00941p	CHLORIDE, DISSOLVED IN WATER MG/L	06/14/77-09/06/99	60	21.25	22.978	58.	6.5	103.563	10.177	9.	15.	29.875	34.9
00946p	SULFATE, DISSOLVED (MG/L AS SO4)	06/14/77-09/06/99	60	255.5	236.847	460.	73.5	7358.865	85.784	93.2	170.308	290.75	340.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/14/77-05/04/83	20	0.29	0.288	0.54	0.17	0.006	0.079	0.18	0.245	0.325	0.349
00955	SILICA, DISSOLVED (MG/L AS SiO2)	06/14/77-05/04/83	20	7.	7.6	12.	5.	4.674	2.162	5.	6.	9.	11.
01000	ARSENIC, DISSOLVED (UG/L AS AS)	09/19/77-09/06/99	22 ##	2.5	2.25	4.	0.5	0.494	0.703	1.	2.	2.5	2.5
01005	BARIUM, DISSOLVED (UG/L AS Ba)	04/24/79-09/06/99	20	66.9	62.94	120.	25.	809.567	28.453	25.	29.5	86.	94.
01020	BORON, DISSOLVED (UG/L AS B)	06/14/77-05/04/83	20	195.	202.7	355.	110.	5222.642	72.268	120.4	136.25	243.75	328.5
01025	CADMIUM, DISSOLVED (UG/L AS Cd)	04/24/79-09/06/99	20 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
01030	CHROMIUM, DISSOLVED (UG/L AS Cr)	04/24/79-09/06/99	20 ##	2.5	4.25	25.	2.5	27.697	5.263	2.5	2.5	2.5	9.75
01032	CHROMIUM, HEXAVALENT (UG/L AS Cr)	06/14/77-05/04/83	13 ##	2.5	2.615	5.	1.	1.423	1.193	1.	2.25	2.5	5.
01040	COPPER, DISSOLVED (UG/L AS Cu)	09/19/77-09/06/99	21 ##	6.	7.452	13.	2.5	7.498	2.738	5.	5.	10.	10.
01046	IRON, DISSOLVED (UG/L AS Fe)	03/20/78-09/06/99	21	50.	103.248	610.	5.	25645.593	160.142	6.	10.	89.25	397.6
01049	LEAD, DISSOLVED (UG/L AS Pb)	04/24/79-09/06/99	21 ##	1.5	2.167	5.	1.5	1.108	1.053	1.5	1.5	2.5	4.5
01056	MANGANESE, DISSOLVED (UG/L AS Mn)	04/24/79-09/06/99	21 ##	5.	8.252	30.	0.3	73.248	8.558	2.5	2.5	9.05	25.8
01065	NICKEL, DISSOLVED (UG/L AS Ni)	04/24/79-12/02/80	6 ##	10.	9.167	12.5	5.	11.667	3.416	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS Ag)	04/24/79-09/06/99	21 ##	1.	1.333	5.	1.	0.908	0.953	1.	1.	1.	2.5
01090	ZINC, DISSOLVED (UG/L AS Zn)	10/19/77-09/06/99	22 ##	15.	14.705	45.	2.5	98.849	9.942	2.5	8.75	15.	30.1
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	10/18/94-09/06/99	8	59.5	160.5	820.	15.	74156.857	272.318	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS Se)	10/19/77-09/06/99	22 ##	1.	1.111	2.5	0.25	0.524	0.724	0.5	0.5	1.6	2.5
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	03/20/78-05/15/93	31 ##	0.25	0.468	2.5	0.25	0.32	0.565	0.25	0.25	0.5	0.9
01501	ALPHA, TOTAL	04/17/84-04/29/90	24	13.	13.458	31.	1.	79.563	8.92	3.	5.25	15.75	29.
03501	BETA, TOTAL	04/17/84-04/29/90	24	14.5	26.25	84.	5.	480.717	21.925	5.5	11.	37.	63.
09501	RADIUM 226, TOTAL	05/28/85-07/15/89	14 ##	0.25	0.511	1.	0.05	0.153	0.391	0.075	0.25	1.	1.
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	08/22/77-02/24/81	14	100.	10298.321	93000.	9.	714510488.6	26730.329	10.25	35.75	1725.	69500.
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	08/22/77-02/24/81	14	1.998	2.43	4.968	0.954	1.545	1.243	1.007	1.542	3.227	4.816
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			269.001								
31614	FECAL COLIFORM,MPN,TUBE CONFIGURATION	08/22/77-02/24/81	13	40.	519.269	4000.	11.5	1207935.651	1099.061	11.5	17.25	695.	2772.
31614	LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	08/22/77-02/24/81	13	1.602	1.944	3.602	1.061	0.742	0.862	1.061	1.211	2.816	3.349
31614	GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			87.953								
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	05/16/78-04/24/79	2 ##	0.023	0.023	0.03	0.015	0.	0.011	**	**	**	*
61027	ANIONS, SUM, TOTAL IN WATER MG/L	07/16/91-09/06/99	17	320.	308.471	421.	139.	9478.89	97.36	139.8	253.	399.	419.4
61944	CATIONS, SUM, TOTAL IN WATER, MG/L	07/16/91-09/06/99	17	153.	142.647	203.	71.	1747.868	41.808	71.	116.	175.5	194.2
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/14/77-09/06/99	57	574.	534.	866.	236.	24971.429	158.024	278.8	403.	629.	723.6
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/19/77-04/29/90	39	0.05	0.122	0.39	0.003	0.018	0.135	0.01	0.02	0.225	0.35
71890	MERCURY, DISSOLVED (UG/L AS Hg)	05/14/92-09/06/99	14 ##	0.1	0.129	0.5	0.1	0.011	0.107	0.1	0.1	0.1	0.3
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/13/78-05/15/93	34	2.	2.369	7.	0.25	2.404	1.551	0.525	1.375	3.	4.75
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	06/14/77-05/15/93	35	0.1	0.097	0.23	0.025	0.003	0.053	0.025	0.05	0.12	0.172
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/22/77-05/15/93	33 ##	0.5	1.212	5.	0.5	2.469	1.571	0.5	0.5	0.5	5.
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/20/78-05/15/93	31 ##	2.5	6.29	20.	2.5	26.68	5.165	2.5	2.5	10.	14.8
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/14/77-05/15/93	37	10.	14.108	40.	5.	65.544	8.096	5.	10.	20.	25.
82710p	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	06/14/77-05/15/93	46	4.075	5.438	30.	0.015	34.747	5.895	0.545	1.27	7.125	11.9
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/22/77-05/15/93	32 ##	2.5	8.031	30.	1.5	75.467	8.687	2.5	2.5	10.	23.5
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/14/77-05/15/93	38	197.5	279.961	1800.	2.5	101509.897	318.606	24.8	83.75	366.25	675.
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/22/77-05/15/93	39 ##	0.1	0.226	3.	0.05	0.249	0.499	0.05	0.05	0.1	0.7
82715	NICKEL, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/22/77-07/25/83	8	22.5	22.25	50.	5.	209.071	14.459	**	**	**	**
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	07/19/77-05/15/93	33 ##	1.	1.606	5.	1.	2.121	1.456	1.	1.	1.	5.
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/14/77-05/15/93	38	26.	32.066	115.	2.5	699.246	26.443	5.	10.	40.	75.

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

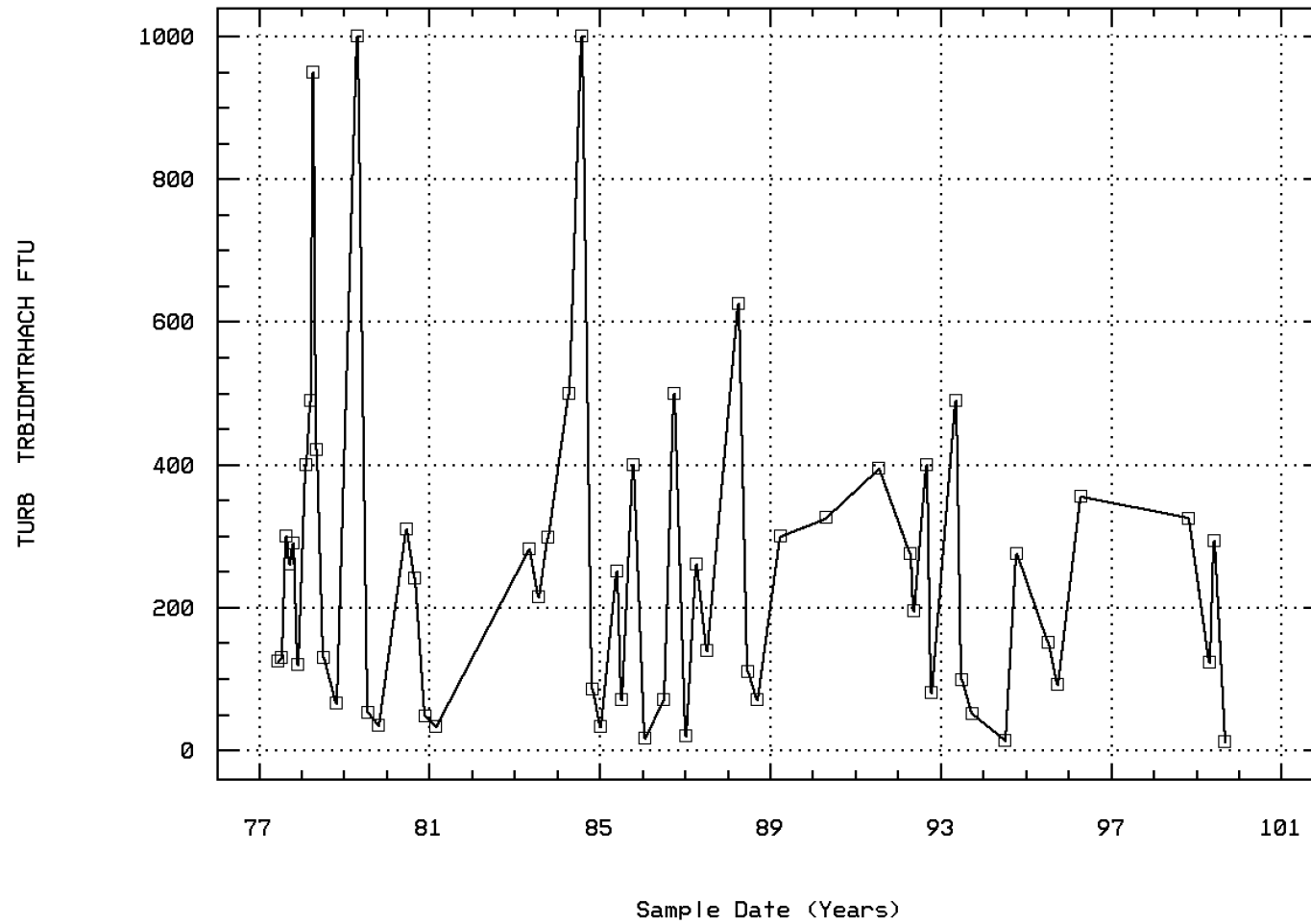
EPA Water Quality Criteria Analysis for Station: CANY0291

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076 TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	60	52	0.87	17	16	0.94	16	10	0.63	16	16	1.00	11	10	0.91
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	37	2	0.05	12	0	0.00	9	0	0.00	10	1	0.10	6	1	0.17
00400 PH	Fresh Chronic	9.	44	0	0.00	12	0	0.00	11	0	0.00	12	0	0.00	9	0	0.00
00406 PH, FIELD	Other-Lo Lim.	6.5	44	0	0.00	12	0	0.00	11	0	0.00	12	0	0.00	9	0	0.00
	Fresh Chronic	9.	34	0	0.00	10	0	0.00	11	0	0.00	8	0	0.00	5	0	0.00
	Other-Lo Lim.	6.5	34	4	0.12	10	0	0.00	11	2	0.18	8	2	0.25	5	0	0.00
00615 NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	31	0	0.00	6	0	0.00	10	0	0.00	10	0	0.00	5	0	0.00
00620 NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	42	0	0.00	9	0	0.00	14	0	0.00	12	0	0.00	7	0	0.00
00630 NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	11	1	0.09	5	0	0.00	3	0	0.00	2	1	0.50	1	0	0.00
00631 NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	16	0	0.00	5	0	0.00	2	0	0.00	5	0	0.00	4	0	0.00
00941 CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	60	0	0.00	17	0	0.00	16	0	0.00	16	0	0.00	11	0	0.00
00946 SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	60	0	0.00	17	0	0.00	16	0	0.00	16	0	0.00	11	0	0.00
	Drinking Water	250.	60	31	0.52	17	12	0.71	16	14	0.88	16	5	0.31	11	0	0.00
00950 FLUORIDE, DISSOLVED AS F	Drinking Water	4.	20	0	0.00	5	0	0.00	8	0	0.00	4	0	0.00	3	0	0.00
01000 ARSENIC, DISSOLVED	Fresh Acute	360.	22	0	0.00	8	0	0.00	5	0	0.00	4	0	0.00	5	0	0.00
01005 BARIUM, DISSOLVED	Drinking Water	50.	22	0	0.00	8	0	0.00	5	0	0.00	4	0	0.00	5	0	0.00
	Fresh Acute	2000.	20	0	0.00	7	0	0.00	4	0	0.00	4	0	0.00	5	0	0.00
01025 CADMIUM, DISSOLVED	Fresh Acute	3.9	20	0	0.00	7	0	0.00	4	0	0.00	4	0	0.00	5	0	0.00
01030 CHROMIUM, DISSOLVED	Drinking Water	5.	20	0	0.00	7	0	0.00	4	0	0.00	4	0	0.00	5	0	0.00
	Drinking Water	100.	20	0	0.00	7	0	0.00	4	0	0.00	4	0	0.00	5	0	0.00
01032 CHROMIUM, HEXAVALENT	Fresh Acute	16.	13	0	0.00	3	0	0.00	4	0	0.00	4	0	0.00	2	0	0.00
01040 COPPER, DISSOLVED	Drinking Water	100.	13	0	0.00	3	0	0.00	4	0	0.00	4	0	0.00	2	0	0.00
	Fresh Acute	18.	21	0	0.00	8	0	0.00	4	0	0.00	4	0	0.00	5	0	0.00
01049 LEAD, DISSOLVED	Drinking Water	1300.	21	0	0.00	8	0	0.00	4	0	0.00	4	0	0.00	5	0	0.00
	Fresh Acute	82.	21	0	0.00	7	0	0.00	4	0	0.00	5	0	0.00	5	0	0.00
01065 NICKEL, DISSOLVED	Drinking Water	15.	21	0	0.00	7	0	0.00	4	0	0.00	5	0	0.00	5	0	0.00
	Fresh Acute	1400.	6	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00
01075 SILVER, DISSOLVED	Drinking Water	100.	6	0	0.00	2	0	0.00	2	0	0.00	1	0	0.00	1	0	0.00
	Fresh Acute	4.1	20 &	0	0.00	7	0	0.00	3	0	0.00	5	0	0.00	5	0	0.00
01090 ZINC, DISSOLVED	Drinking Water	100.	21	0	0.00	7	0	0.00	4	0	0.00	5	0	0.00	5	0	0.00
	Fresh Acute	120.	22	0	0.00	7	0	0.00	5	0	0.00	5	0	0.00	5	0	0.00
01145 SELENIUM, DISSOLVED	Drinking Water	5000.	22	0	0.00	7	0	0.00	5	0	0.00	5	0	0.00	5	0	0.00
	Fresh Acute	20.	22	0	0.00	7	0	0.00	5	0	0.00	5	0	0.00	5	0	0.00
01167 SELENIUM, ACID SOLUBLE, WATER, WHOLE	Drinking Water	50.	22	0	0.00	7	0	0.00	5	0	0.00	5	0	0.00	5	0	0.00
	Fresh Acute	20.	31	0	0.00	7	0	0.00	8	0	0.00	12	0	0.00	4	0	0.00
09501 RADIUM 226, TOTAL	Drinking Water	50.	31	0	0.00	7	0	0.00	8	0	0.00	12	0	0.00	4	0	0.00
	Drinking Water	5.	14	0	0.00	3	0	0.00	3	0	0.00	4	0	0.00	4	0	0.00
31506 COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	14	4	0.29	4	2	0.50	7	1	0.14	3	1	0.33			
31614 FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	13	5	0.38	4	1	0.25	6	2	0.33	3	2	0.67			
71890 MERCURY, DISSOLVED	Fresh Acute	2.4	14	0	0.00	5	0	0.00	2	0	0.00	3	0	0.00	4	0	0.00
82702 ARSENIC, FIELD ACIDIFIED, DECANTED, WATE	Drinking Water	2.	14	0	0.00	5	0	0.00	2	0	0.00	3	0	0.00	4	0	0.00
	Fresh Acute	360.	34	0	0.00	7	0	0.00	10	0	0.00	12	0	0.00	5	0	0.00
82703 BARIUM, FIELD ACIDIFIED, DECANTED, WATER	Drinking Water	50.	34	0	0.00	7	0	0.00	10	0	0.00	12	0	0.00	5	0	0.00
	Drinking Water	2.	35	0	0.00	8	0	0.00	9	0	0.00	12	0	0.00	6	0	0.00
82705 CADMIUM, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	3.9	33	5	0.15	8	1	0.13	9	2	0.22	12	2	0.17	4	0	0.00
82706 CHROMIUM, FIELD ACIDIFIED, DECANTED, WAT	Drinking Water	5.	33	4	0.12	8	1	0.13	9	1	0.11	12	2	0.17	4	0	0.00
	Drinking Water	100.	31	0	0.00	7	0	0.00	8	0	0.00	12	0	0.00	4	0	0.00
82708 COPPER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	18.	37	10	0.27	9	3	0.33	10	3	0.30	12	3	0.25	6	1	0.17
82711 LEAD, FIELD ACIDIFIED, DECANTED, WATER	Drinking Water	1300.	37	0	0.00	9	0	0.00	10	0	0.00	12	0	0.00	6	0	0.00
	Fresh Acute	82.	32	0	0.00	8	0	0.00	9	0	0.00	11	0	0.00	4	0	0.00
82713 MERCURY, FIELD ACIDIFIED, DECANTED, WATE	Drinking Water	15.	32	7	0.22	8	2	0.25	9	2	0.22	11	3	0.27	4	0	0.00
	Fresh Acute	2.4	39	1	0.03	10	0	0.00	10	0	0.00	13	0	0.00	6	1	0.17
82715 NICKEL, FIELD ACIDIFIED, DECANTED, WATER	Drinking Water	2.	39	1	0.03	10	0	0.00	10	0	0.00	13	0	0.00	6	1	0.17
	Fresh Acute	1400.	8	0	0.00	2	0	0.00	3	0	0.00	3	0	0.00			
82716 SILVER, FIELD ACIDIFIED, DECANTED, WATER	Drinking Water	100.	8	0	0.00	2	0	0.00	3	0	0.00	3	0	0.00			
	Fresh Acute	4.1	33	5	0.15	8	1	0.13	9	2	0.22	12	2	0.17	4	0	0.00
82719 ZINC, FIELD ACIDIFIED, DECANTED, WATER	Drinking Water	100.	33	0	0.00	8	0	0.00	9	0	0.00	12	0	0.00	4	0	0.00
	Fresh Acute	120.	38	0	0.00	9	0	0.00	11	0	0.00	12	0	0.00	6	0	0.00
	Drinking Water	5000.	38	0	0.00	9	0	0.00	11	0	0.00	12	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: CANY0291 Parameter Code: 00076

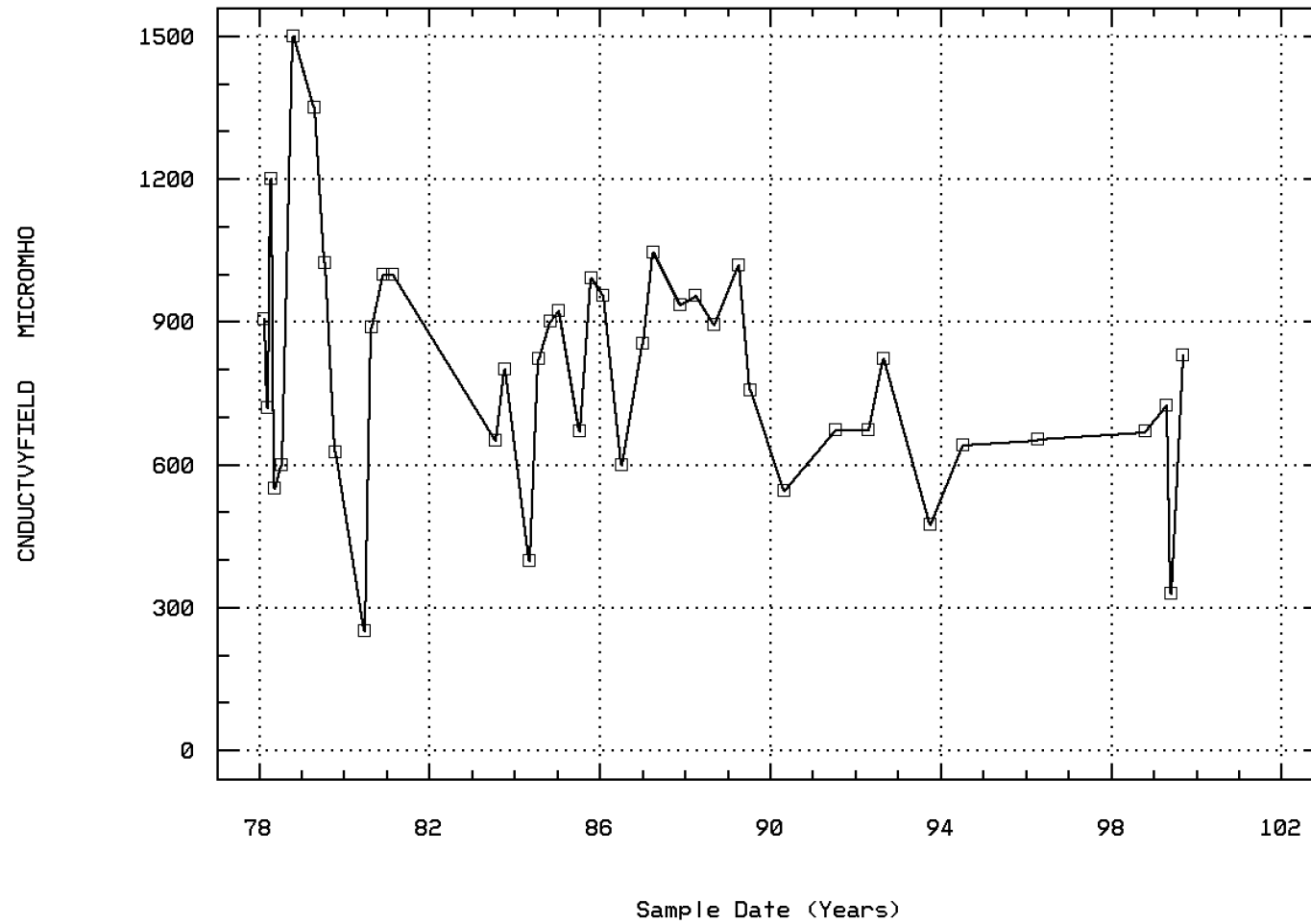
TURBIDITY, HACH TURBIDIMETER (FORMAZIN T



GREEN R AT MINERAL BOTTOMS

Station: CANY0291 Parameter Code: 00094

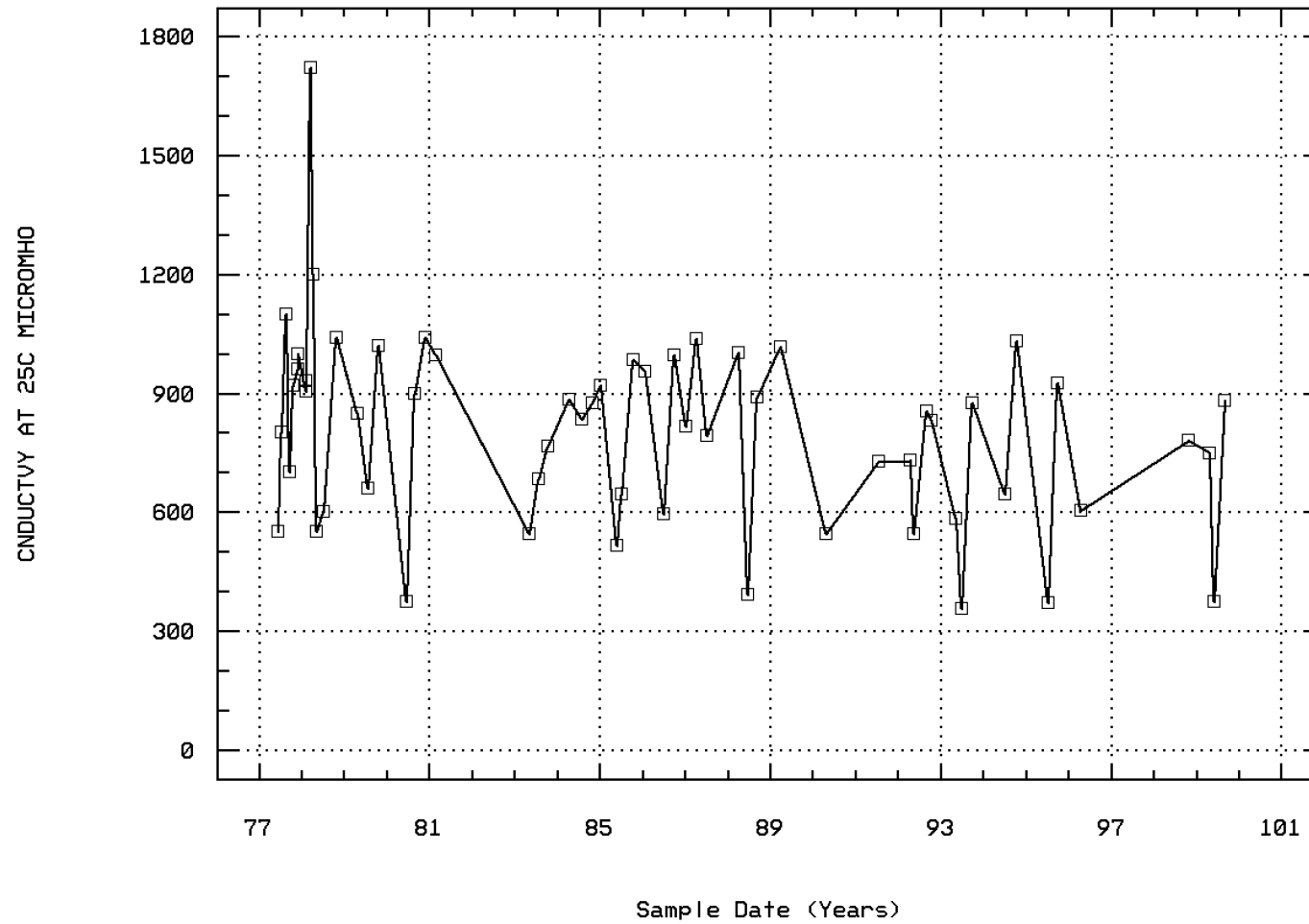
SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @



GREEN R AT MINERAL BOTTOMS

Station: CANY0291 Parameter Code: 00095

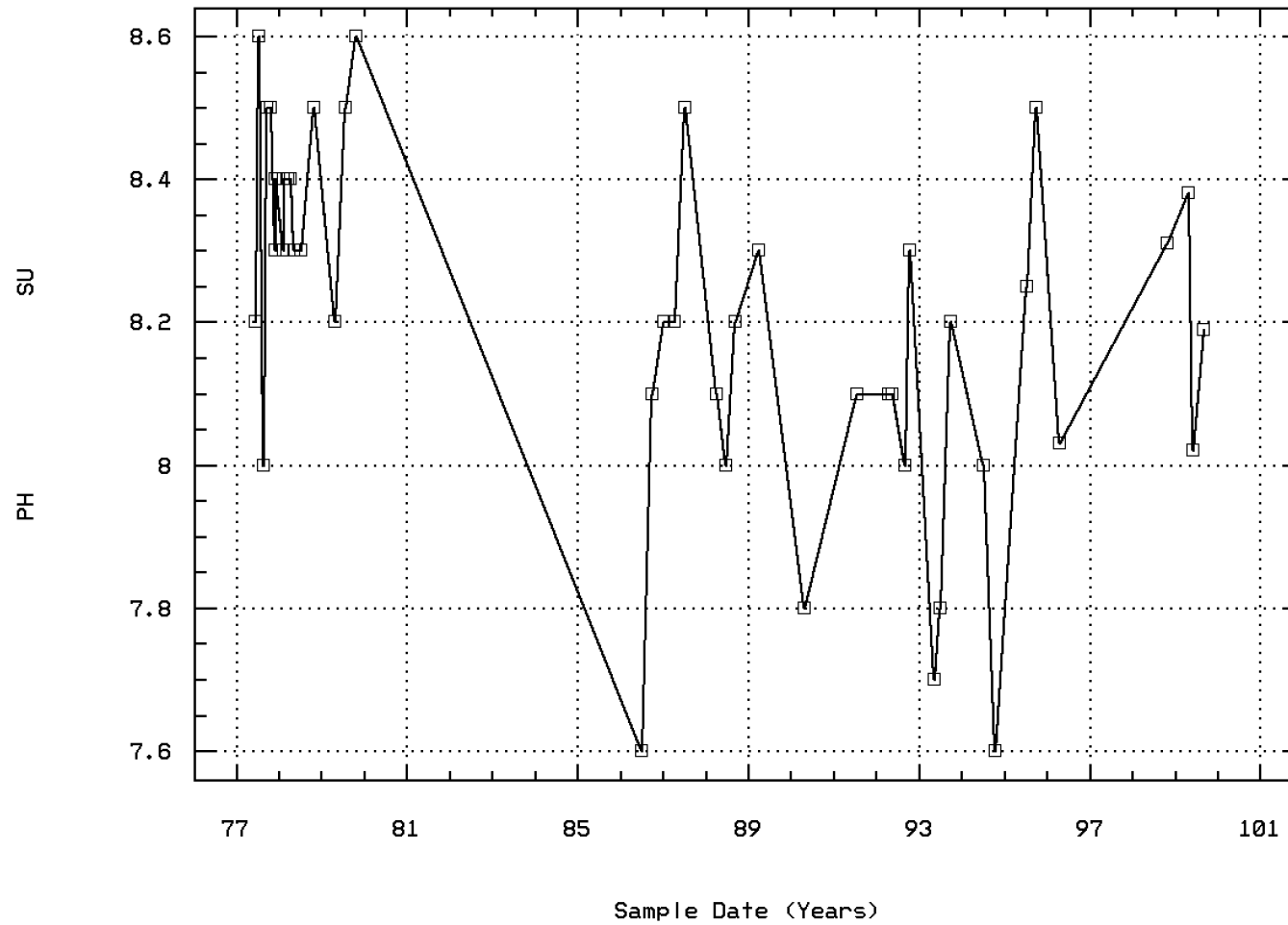
SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)



GREEN R AT MINERAL BOTTOMS

Station: CANY0291 Parameter Code: 00400

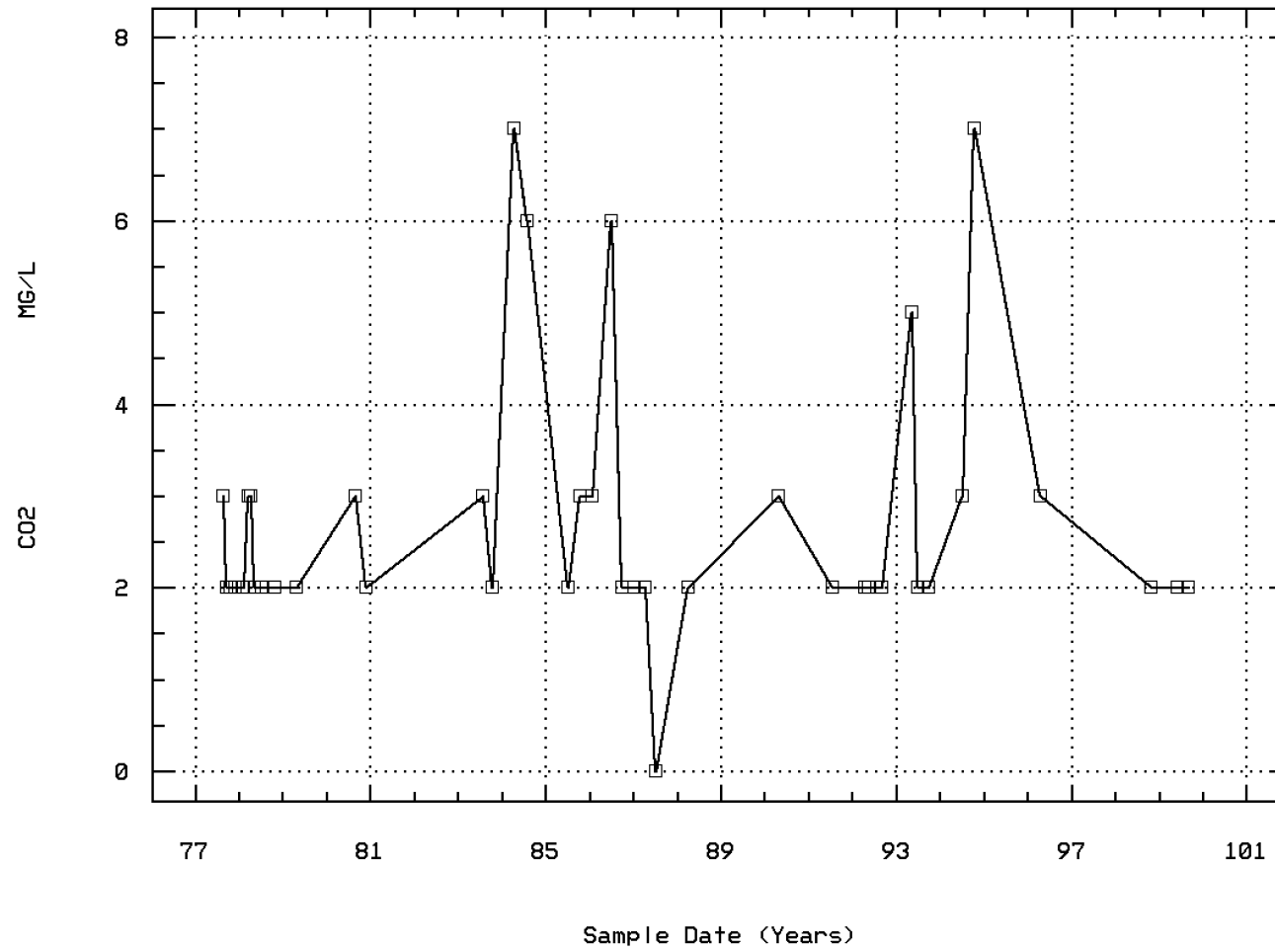
PH (STANDARD UNITS)



GREEN R AT MINERAL BOTTOMS

Station: CANY0291 Parameter Code: 00405

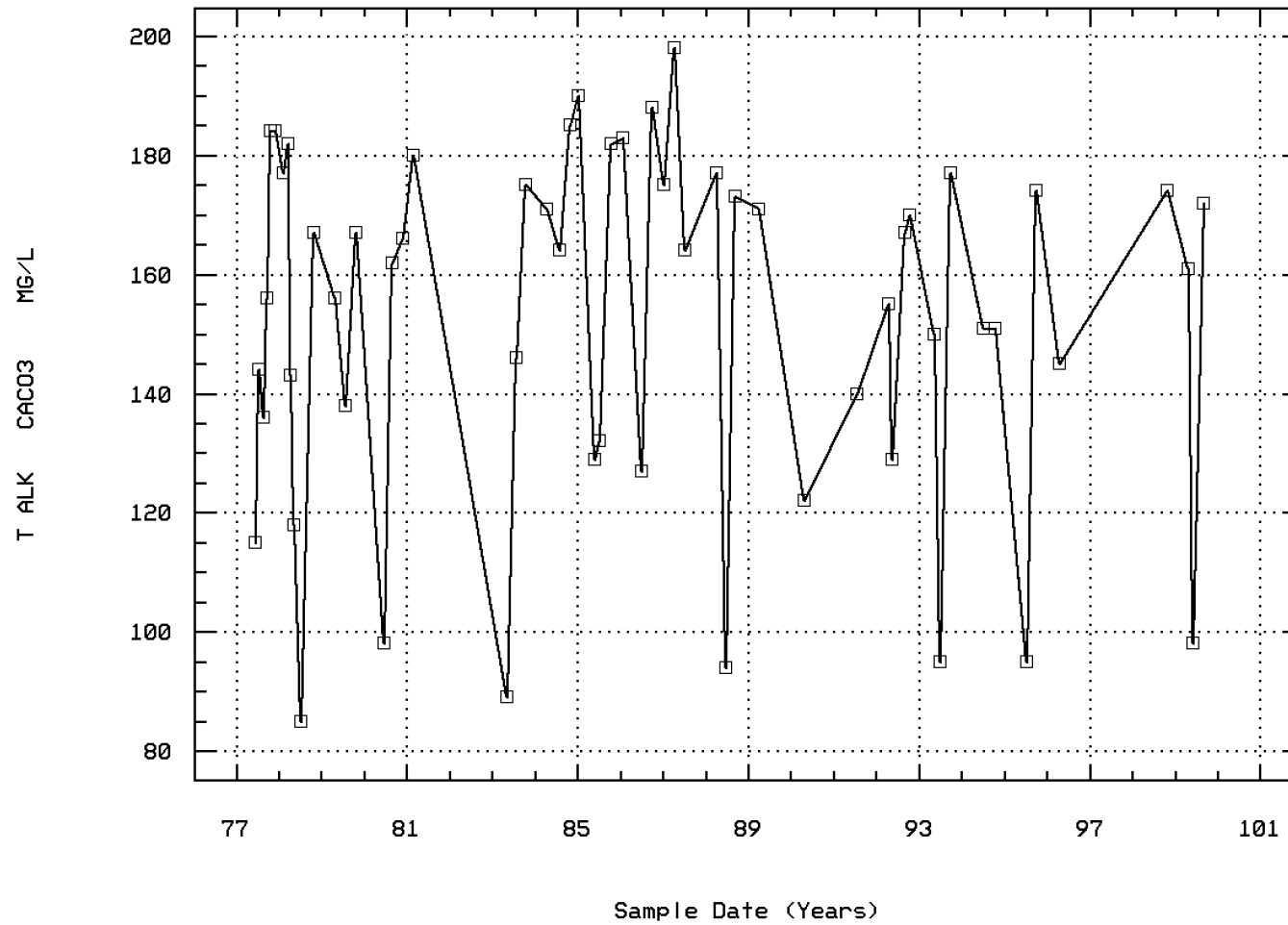
CARBON DIOXIDE (MG/L AS CO₂)



GREEN R AT MINERAL BOTTOMS

Station: CANY0291 Parameter Code: 00410

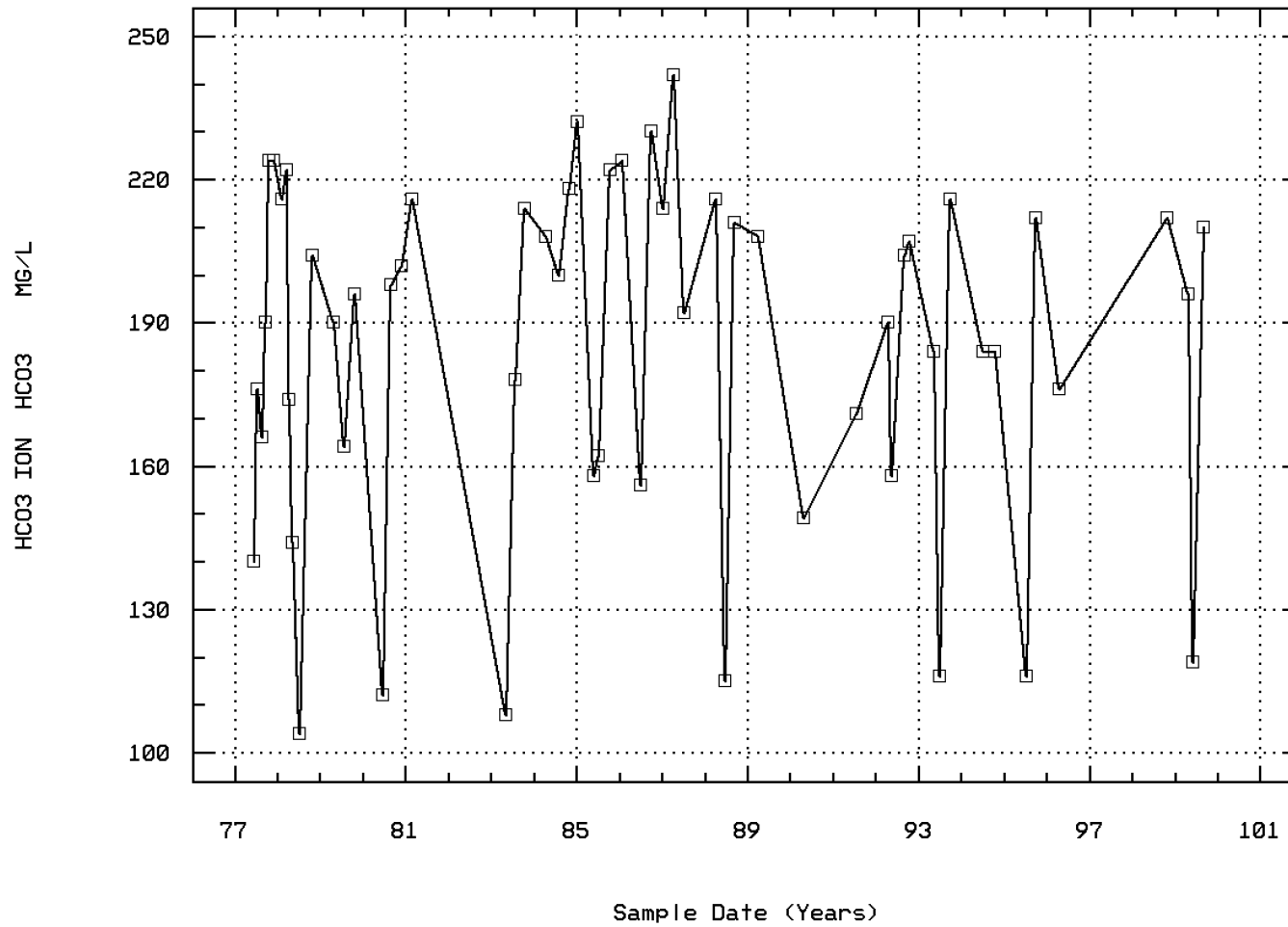
ALKALINITY, TOTAL (MG/L AS CaCO3)



GREEN R AT MINERAL BOTTOMS

Station: CANY0291 Parameter Code: 00440

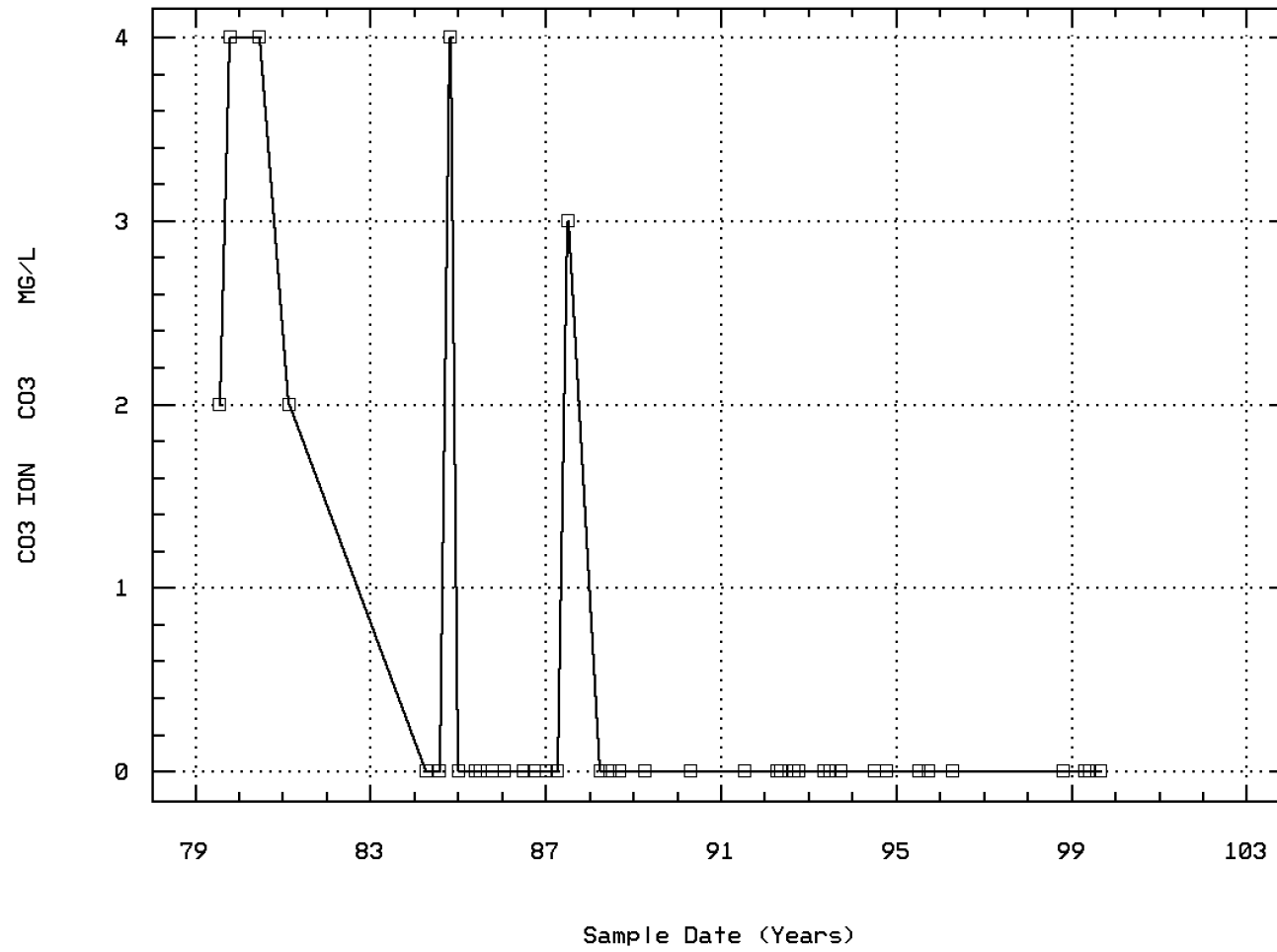
BICARBONATE ION (MG/L AS HCO₃)



GREEN R AT MINERAL BOTTOMS

Station: CANY0291 Parameter Code: 00445

CARBONATE ION (MG/L AS CO3)

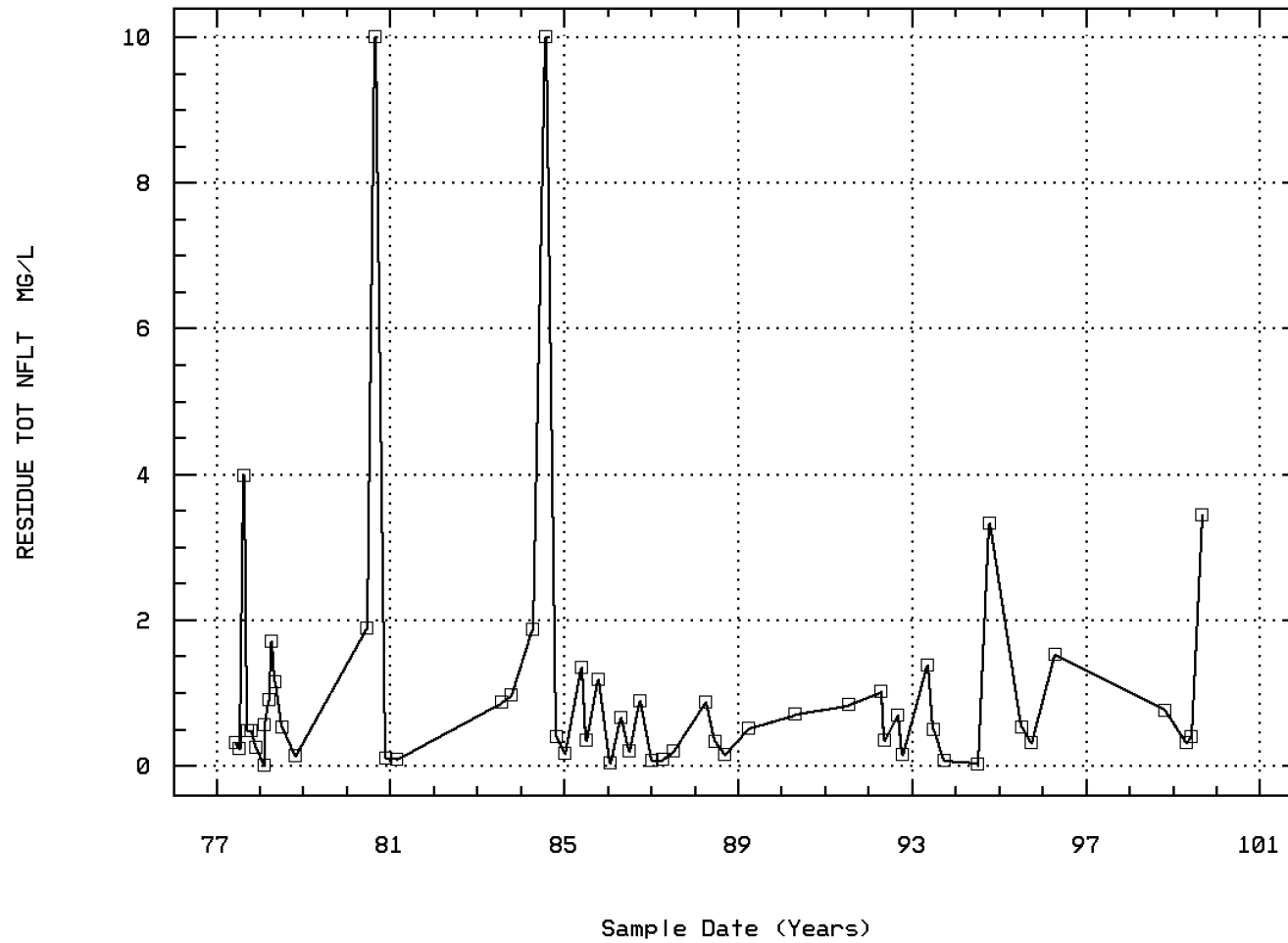


GREEN R AT MINERAL BOTTOMS

Station: CANY0291 Parameter Code: 00530

(X 1000)

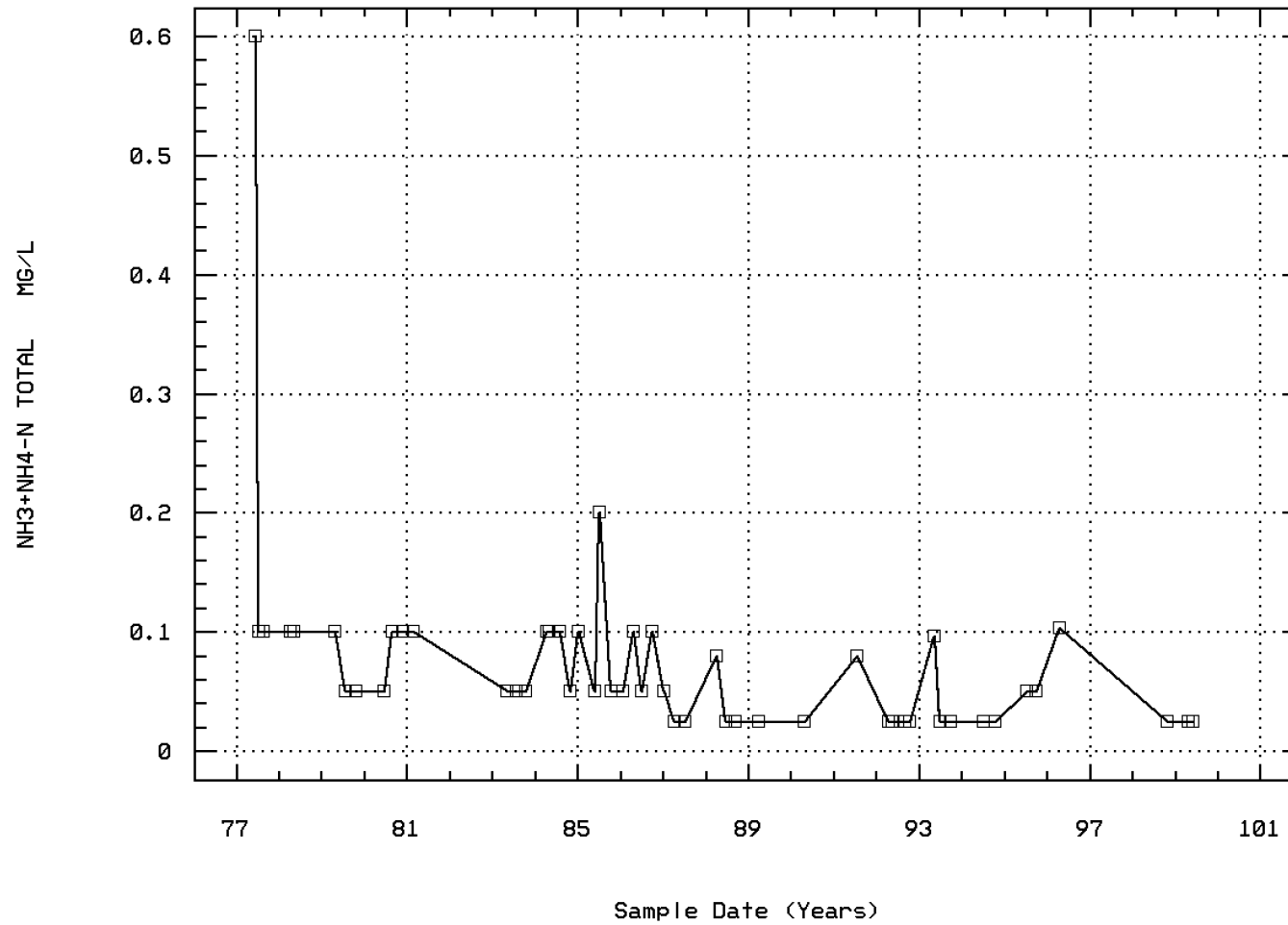
RESIDUE, TOTAL NONFILTRABLE (MG/L)



GREEN R AT MINERAL BOTTOMS

Station: CANY0291 Parameter Code: 00610

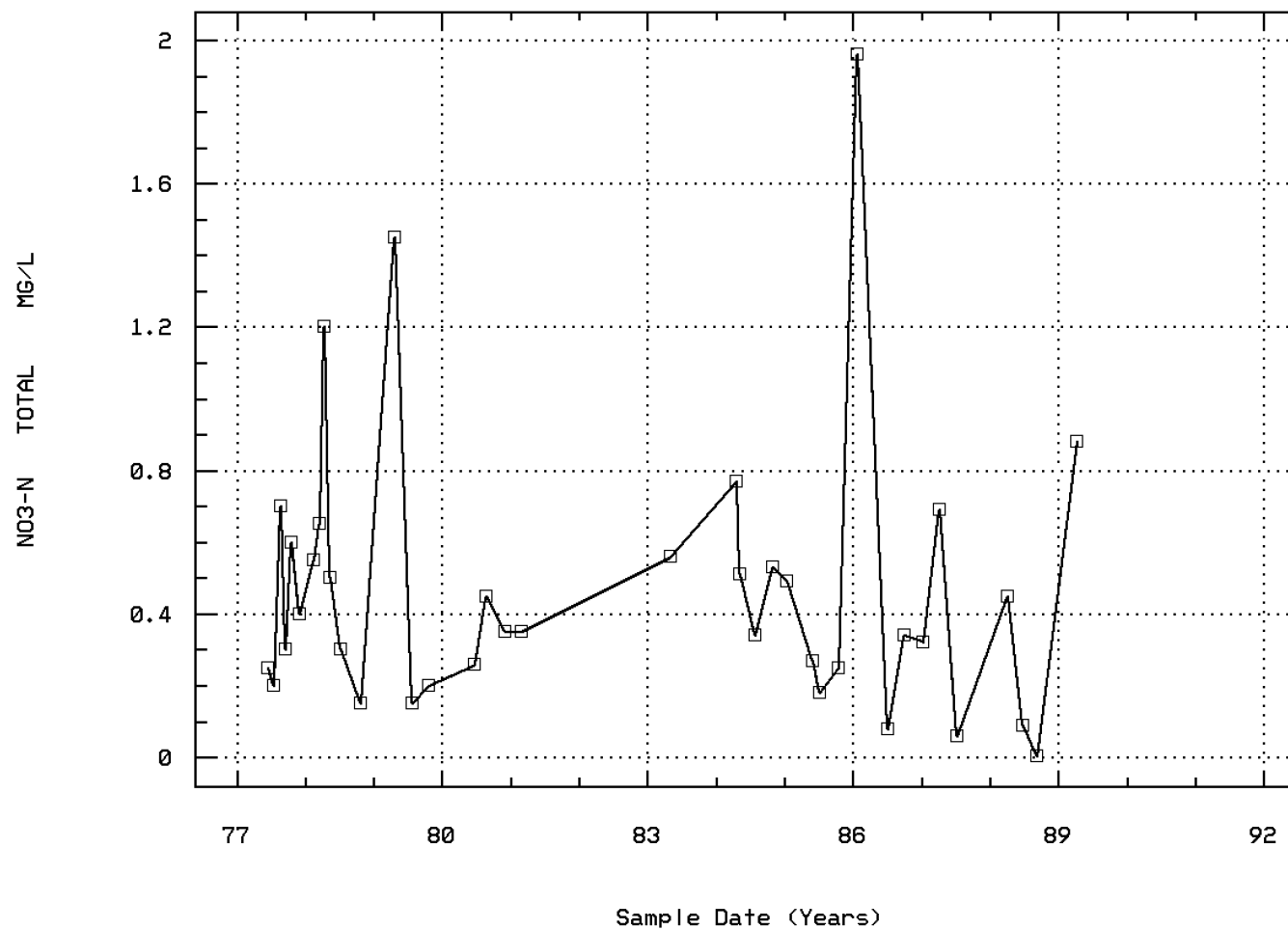
NITROGEN, AMMONIA, TOTAL (MG/L AS N)



GREEN R AT MINERAL BOTTOMS

Station: CANY0291 Parameter Code: 00620

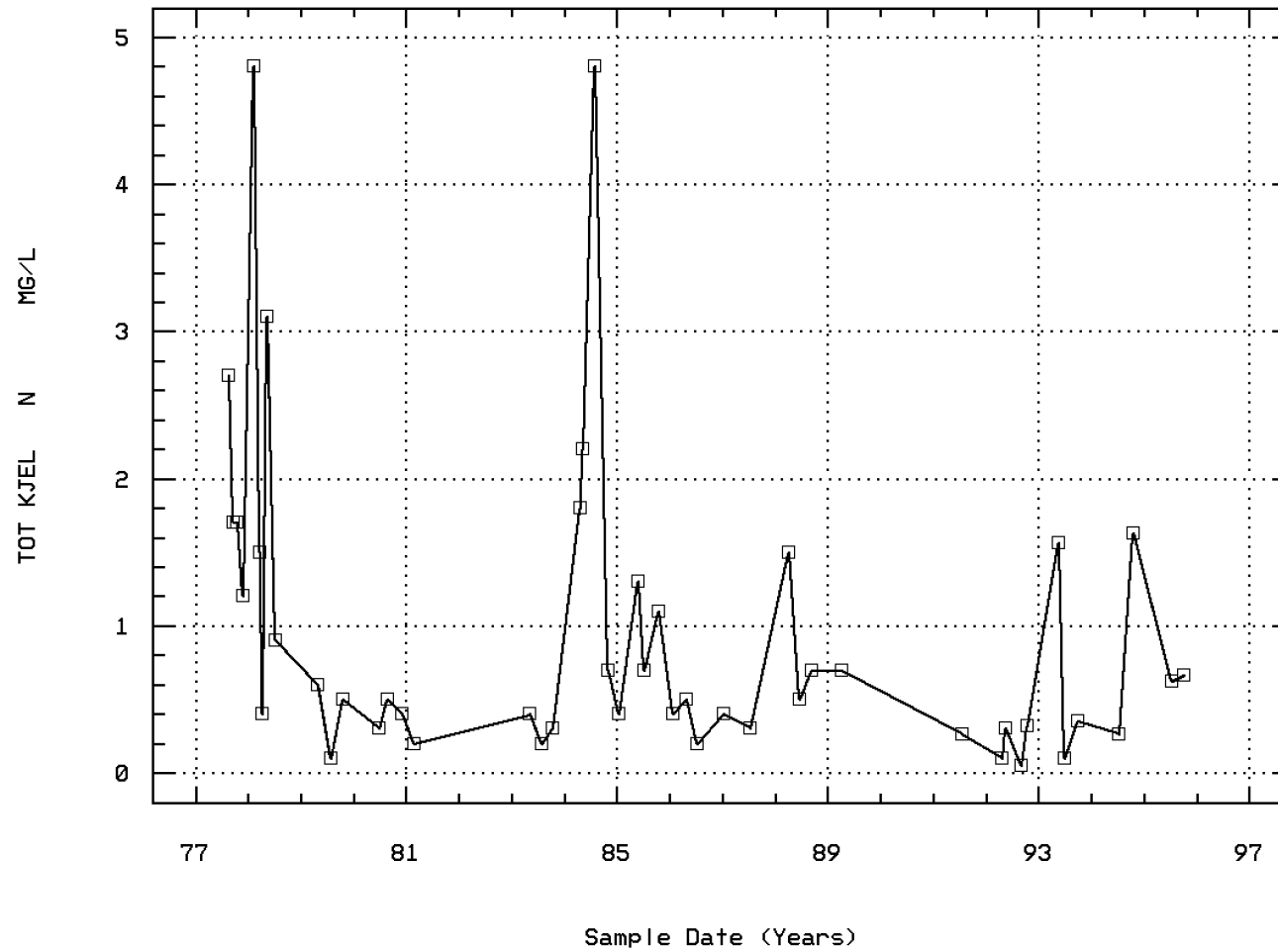
NITRATE NITROGEN, TOTAL (MG/L AS N)



GREEN R AT MINERAL BOTTOMS

Station: CANY0291 Parameter Code: 00625

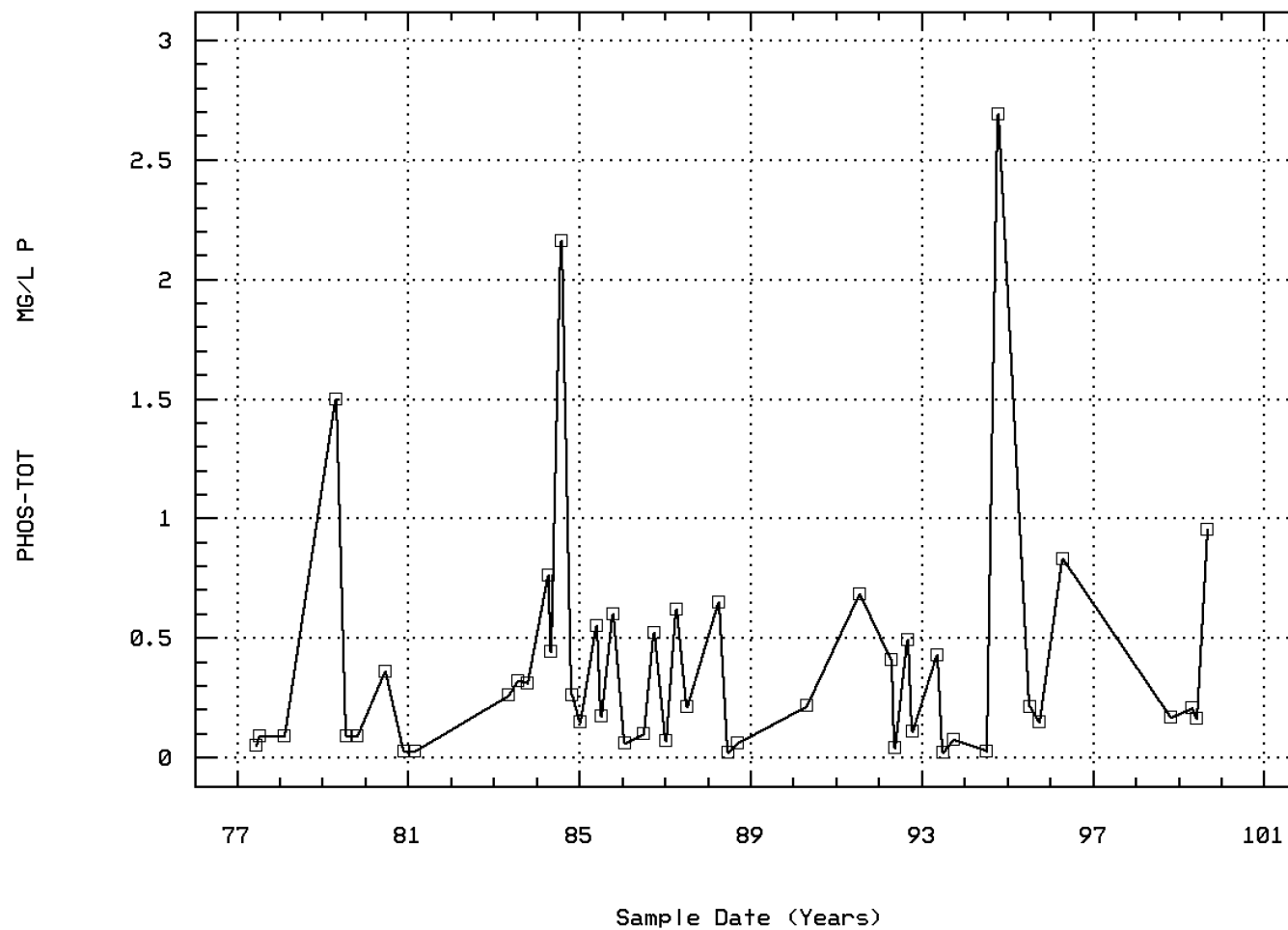
NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)



GREEN R AT MINERAL BOTTOMS

Station: CANY0291 Parameter Code: 00665

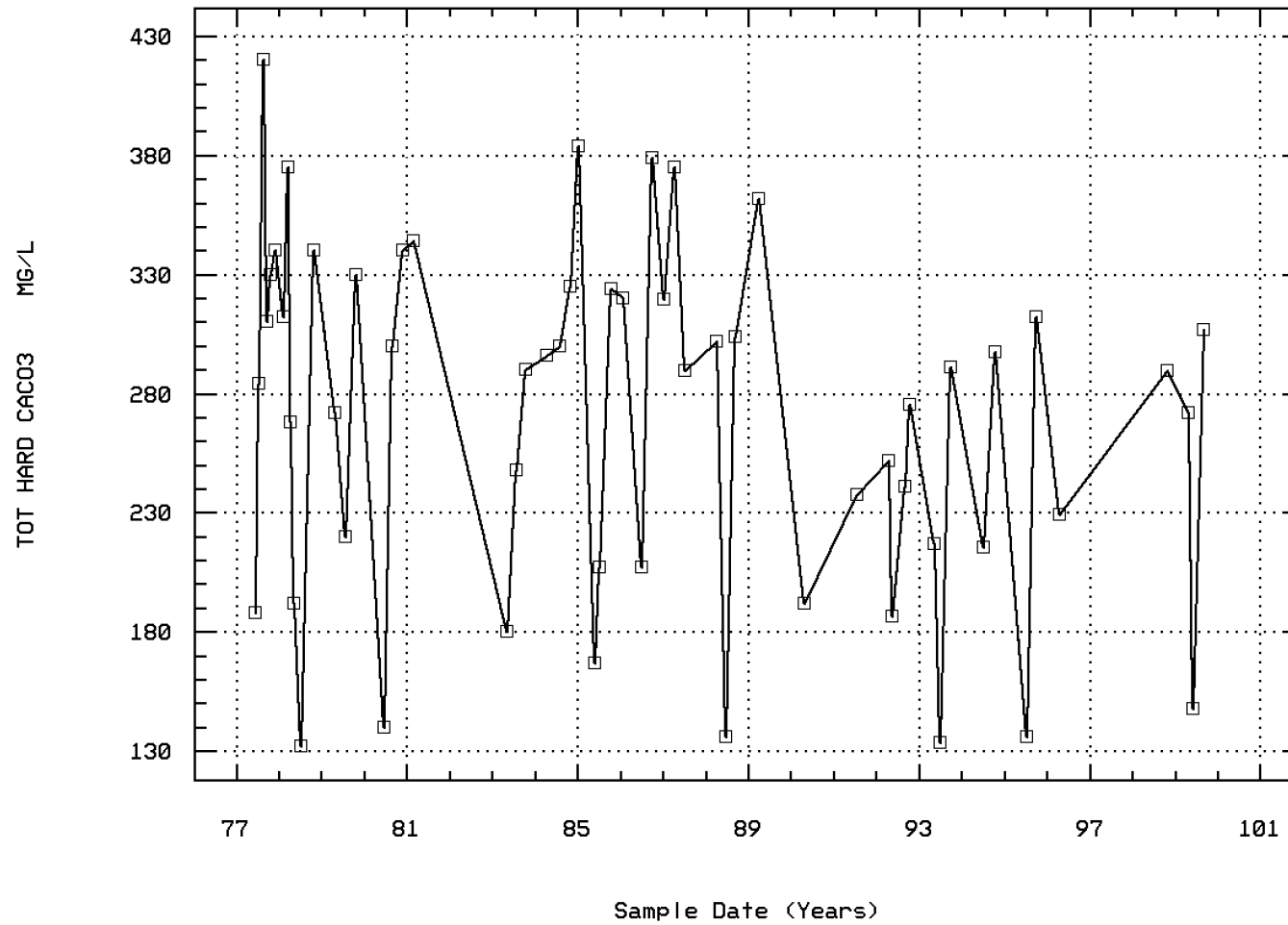
PHOSPHORUS, TOTAL (MG/L AS P)



GREEN R AT MINERAL BOTTOMS

Station: CANY0291 Parameter Code: 00900

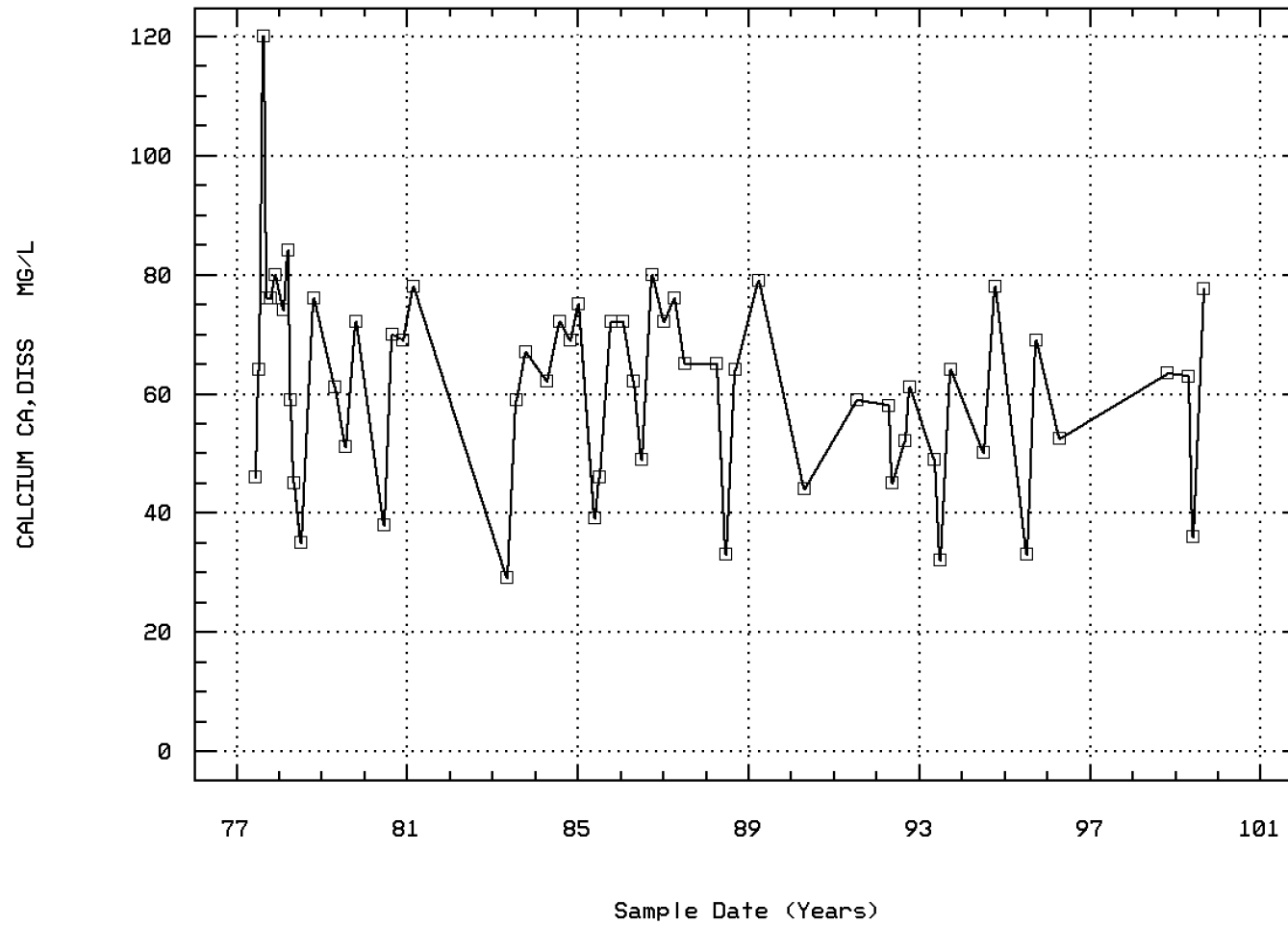
HARDNESS, TOTAL (MG/L AS CAC03)



GREEN R AT MINERAL BOTTOMS

Station: CANY0291 Parameter Code: 00915

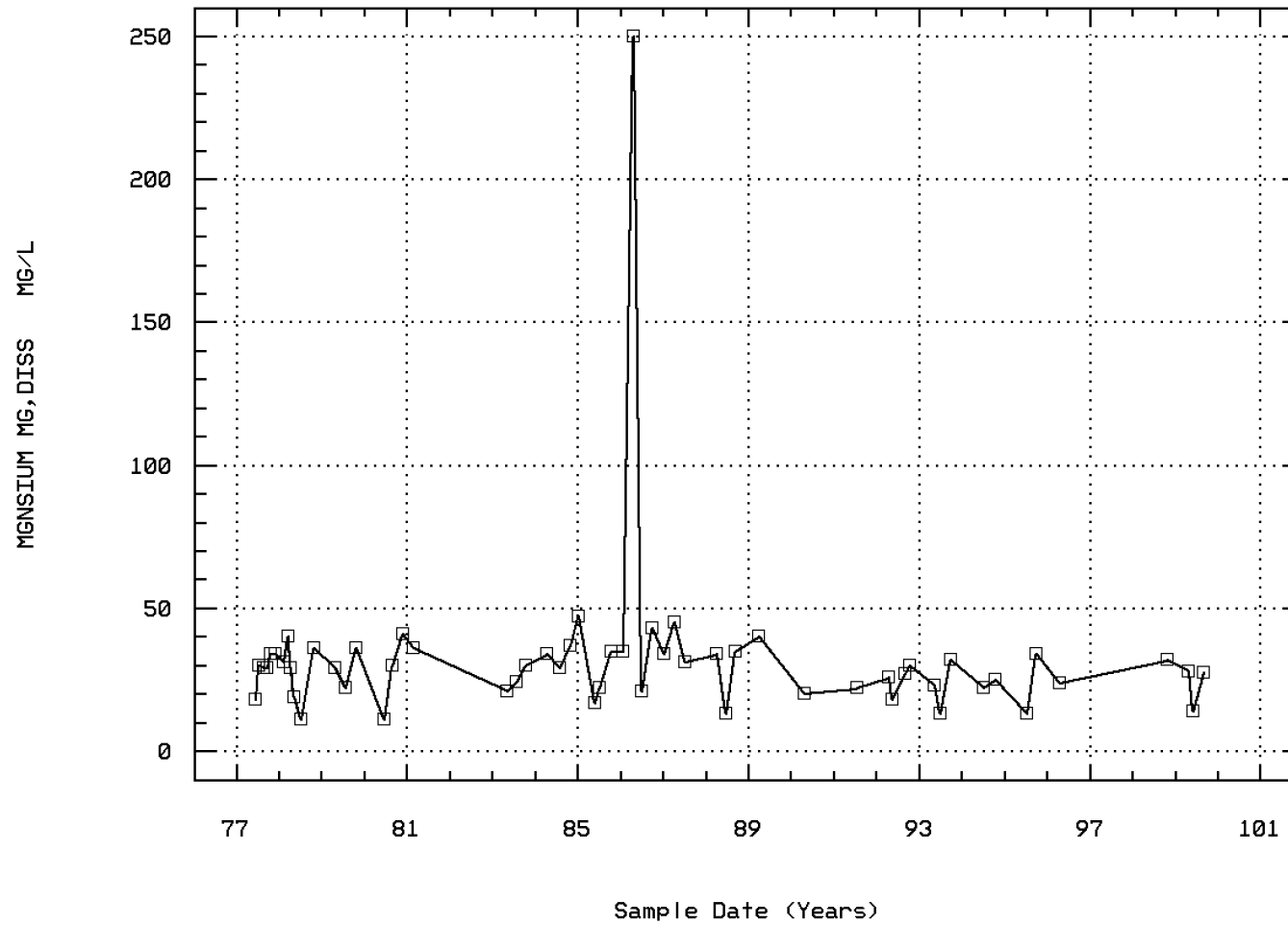
CALCIUM, DISSOLVED (MG/L AS CA)



GREEN R AT MINERAL BOTTOMS

Station: CANY0291 Parameter Code: 00925

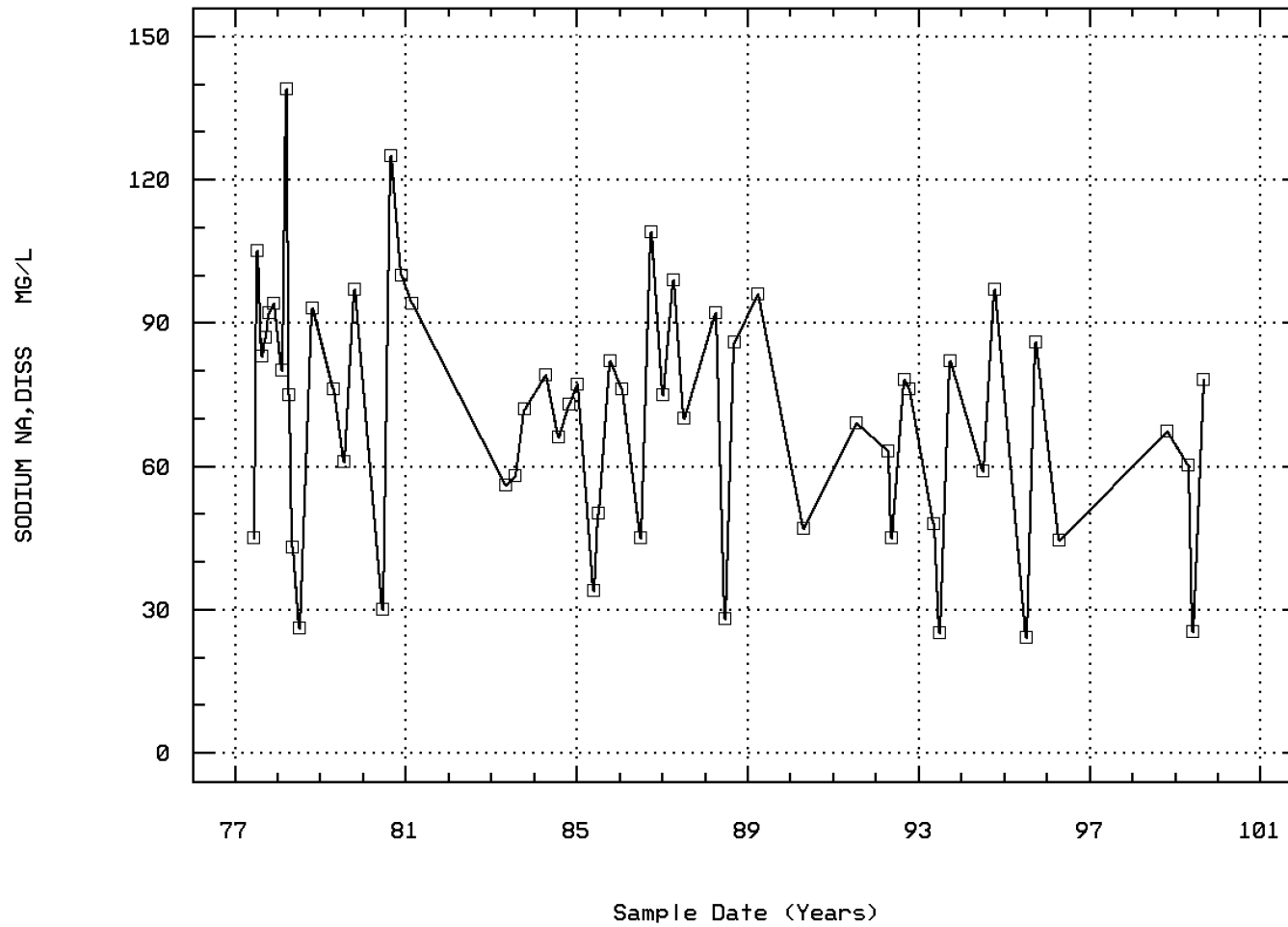
MAGNESIUM, DISSOLVED (MG/L AS MG)



GREEN R AT MINERAL BOTTOMS

Station: CANY0291 Parameter Code: 00930

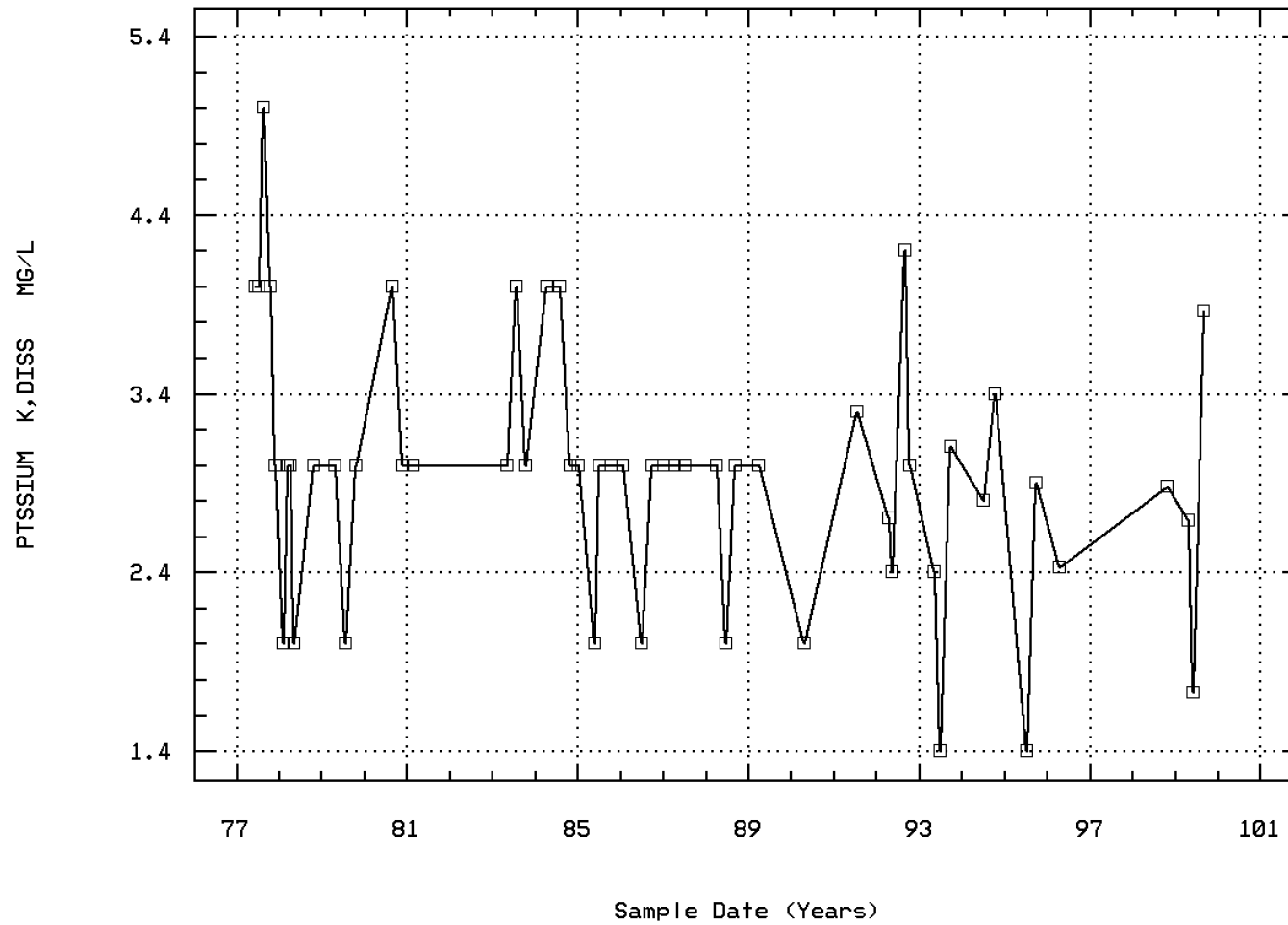
SODIUM, DISSOLVED (MG/L AS NA)



GREEN R AT MINERAL BOTTOMS

Station: CANY0291 Parameter Code: 00935

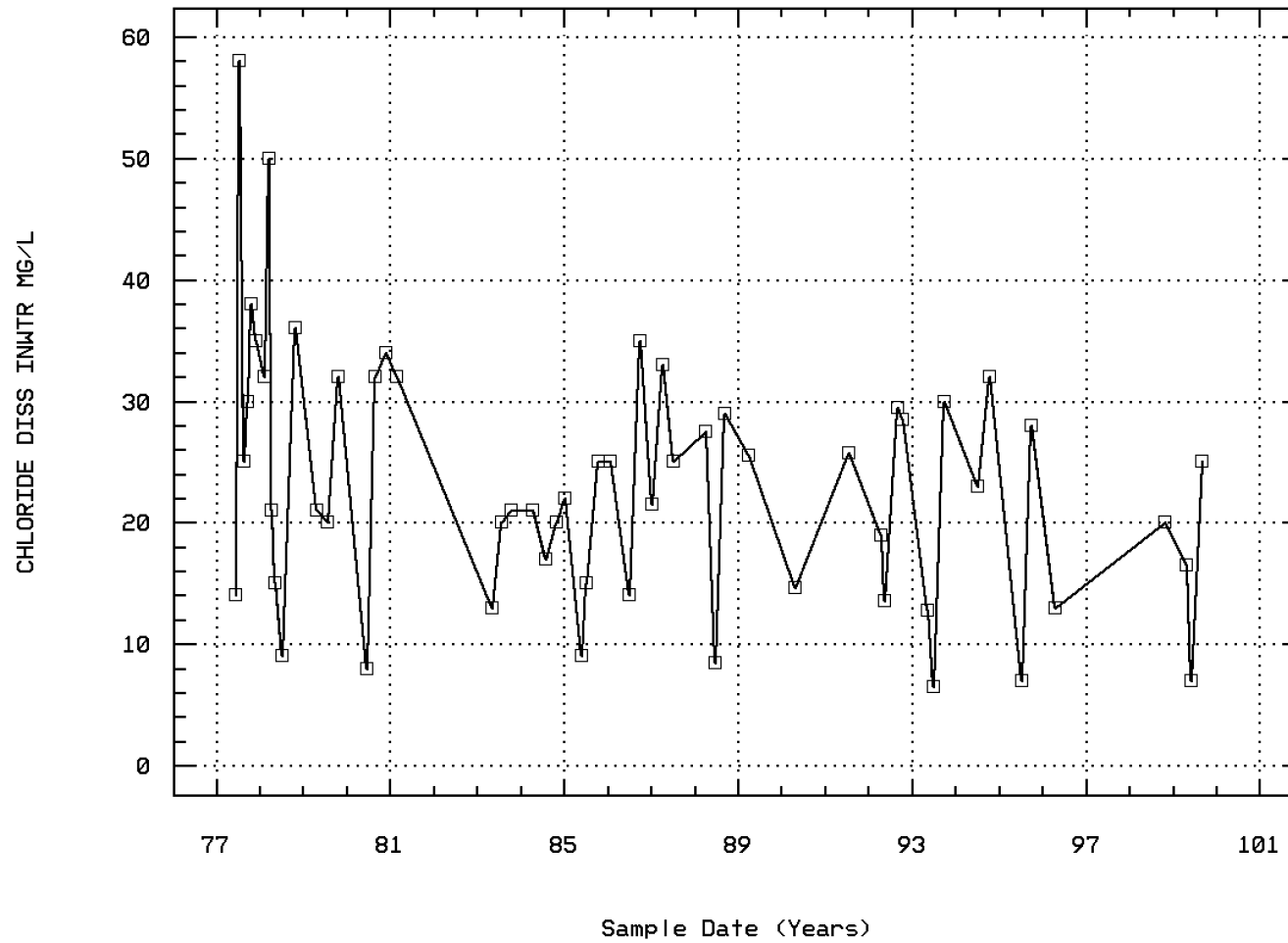
POTASSIUM, DISSOLVED (MG/L AS K)



GREEN R AT MINERAL BOTTOMS

Station: CANY0291 Parameter Code: 00941

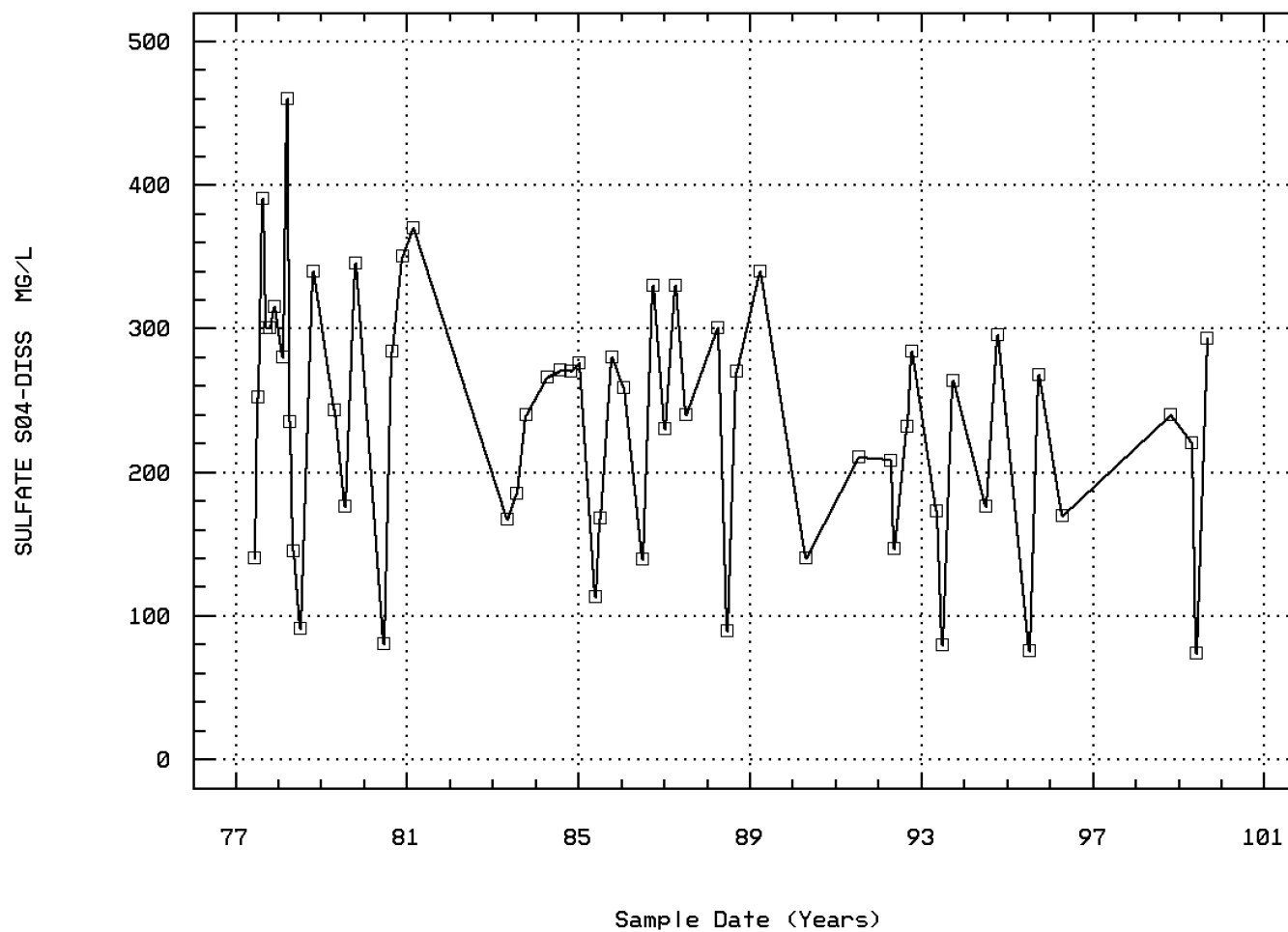
CHLORIDE, DISSOLVED IN WATER



GREEN R AT MINERAL BOTTOMS

Station: CANY0291 Parameter Code: 00946

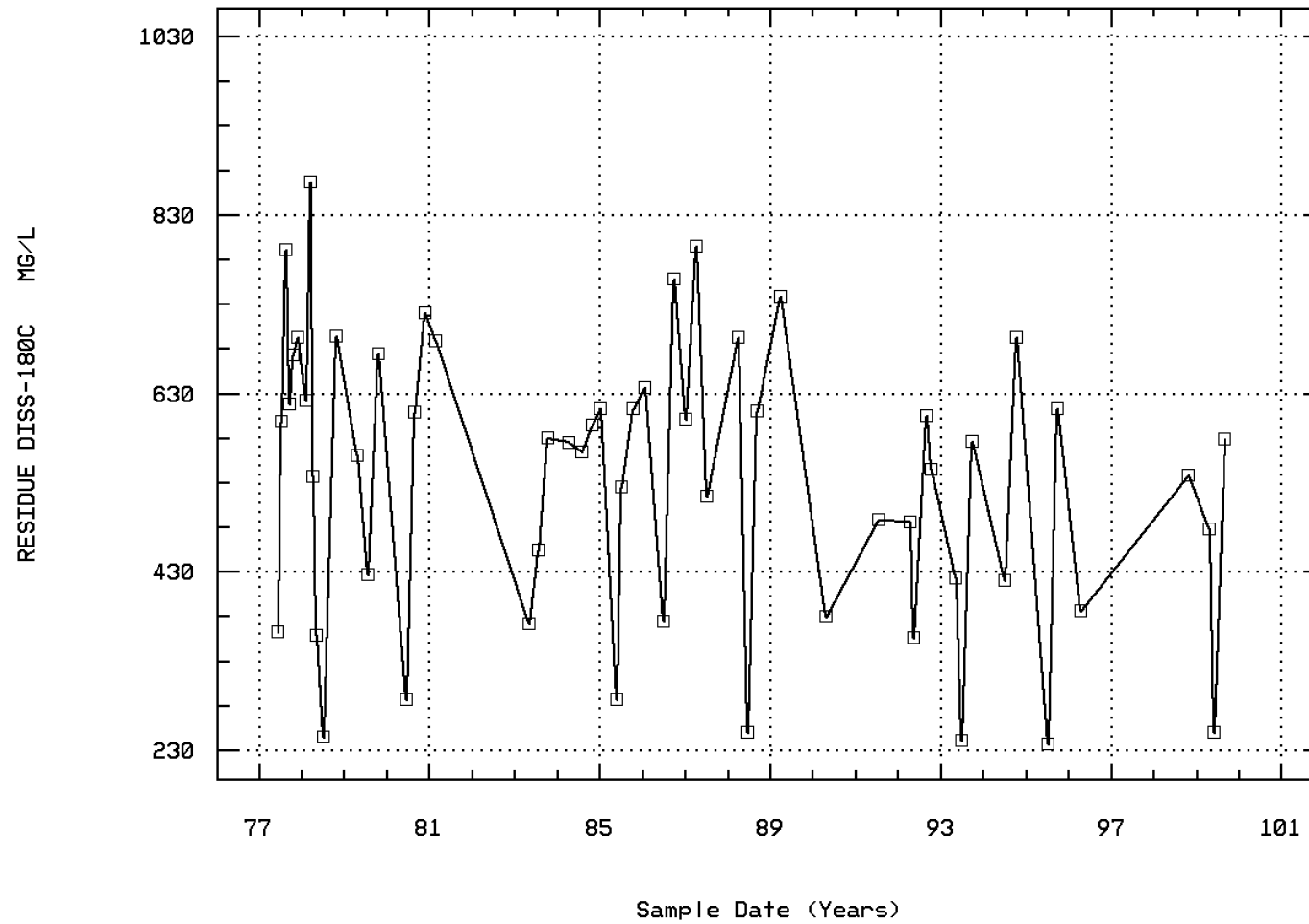
SULFATE, DISSOLVED (MG/L AS SO₄)



GREEN R AT MINERAL BOTTOMS

Station: CANY0291 Parameter Code: 70300

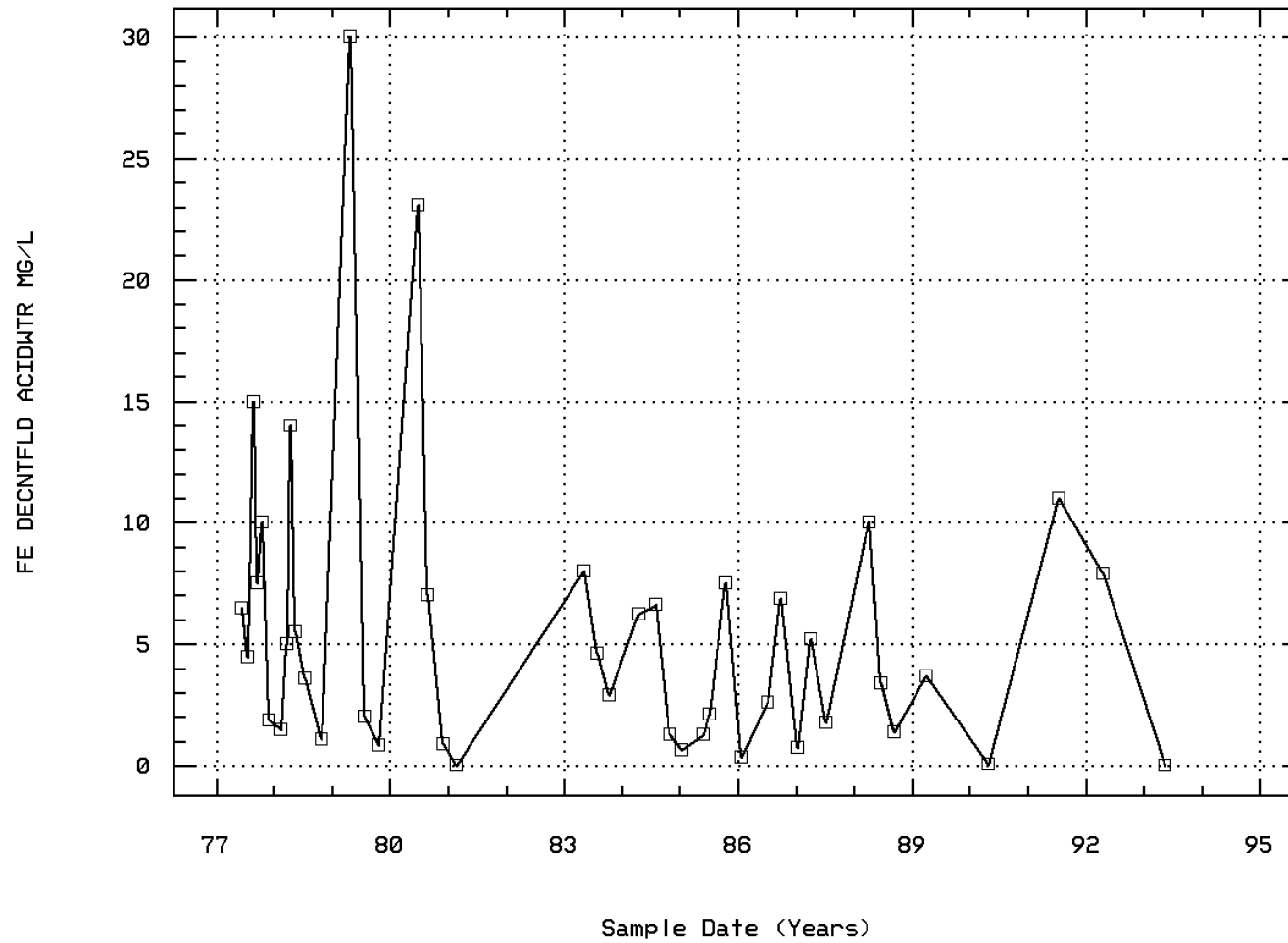
RESIDUE, TOTAL FILTRABLE (DRIED AT 180C)



GREEN R AT MINERAL BOTTOMS

Station: CANY0291 Parameter Code: 82710

IRON, FIELD ACIDIFIED, DECANTED, WATER



GREEN R AT MINERAL BOTTOMS

Seasonal Analysis for Season #1: 7/15 to 10/14 - Station CANY0291

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/19/77-09/06/99	16	23.1	21.62	27.	12.2	24.088	4.908	13.74	16.975	25.975	26.384
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/14/77-09/06/99	17	240.	299.796	1000.	11.53	89400.952	299.	43.106	76.	397.5	1000.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/13/78-09/06/99	12	822.5	788.25	1025.	473.	19596.932	139.989	526.1	694.	875.	985.4
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/14/77-09/06/99	17	835.	838.588	1100.	660.	12745.632	112.897	680.	746.	895.	1016.
00191p	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	04/17/84-09/06/99	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00335	COD, .025N K2CR2O7 MG/L	06/14/77-04/29/90	10	21.5	27.35	105.	7.5	789.114	28.091	7.85	14.	25.25	97.4
00400p	PH (STANDARD UNITS)	06/14/77-09/06/99	12	8.2	8.266	8.6	8.	0.044	0.211	8.	8.1	8.5	8.57
00400p	CONVERTED PH (STANDARD UNITS)	06/14/77-09/06/99	12	8.2	8.222	8.6	8.	0.046	0.216	8.	8.1	8.5	8.57
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/14/77-09/06/99	12	0.006	0.006	0.01	0.003	0.	0.003	0.003	0.003	0.008	0.01
00405p	CARBON DIOXIDE (MG/L AS CO2)	06/14/77-09/06/99	20	2.	2.3	6.	1.	2.116	1.455	1.	1.	3.	5.7
00406p	PH, FIELD, STANDARD UNITS SU	02/13/78-09/06/99	10	7.95	7.891	8.4	7.3	0.135	0.367	7.3	7.675	8.157	8.39
00406p	CONVERTED PH, FIELD, STANDARD UNITS	02/13/78-09/06/99	10	7.947	7.742	8.4	7.3	0.16	0.399	7.3	7.675	8.157	8.39
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/13/78-09/06/99	10	0.011	0.018	0.05	0.004	0.	0.017	0.004	0.007	0.024	0.05
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	06/14/77-09/06/99	17	164.	161.529	188.	136.	242.515	15.573	137.6	145.	173.5	179.2
00440p	BICARBONATE ION (MG/L AS HCO3)	06/14/77-09/06/99	17	200.	196.882	230.	164.	379.61	19.484	165.6	177.	211.5	218.8
00445p	CARBONATE ION (MG/L AS CO3)	07/24/79-09/06/99	10	0.	0.2	2.	0.	0.4	0.632	0.	0.	0.	1.8
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/14/77-09/06/99	15	836.	2204.867	9999.	74.	11339042.552	3367.349	116.6	235.	3430.	9999.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/14/77-06/03/99	15	0.05	0.065	0.1	0.025	0.001	0.033	0.025	0.025	0.1	0.1
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/20/78-04/05/89	6 ##	0.005	0.012	0.025	0.005	0.	0.01	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/14/77-04/05/89	9	0.34	0.314	0.7	0.005	0.038	0.195	0.005	0.175	0.395	0.7
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/19/77-09/30/95	15	0.5	1.229	4.8	0.05	2.586	1.608	0.08	0.26	1.7	4.8
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	06/14/77-09/06/99	14	0.315	0.583	2.16	0.06	0.516	0.719	0.066	0.09	0.749	2.16
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/19/77-04/29/90	8	5.4	24.95	64.1	2.9	836.146	28.916	**	**	**	**
00900p	HARDNESS, TOTAL (MG/L AS CaCO3)	06/14/77-09/06/99	17	300.	295.235	420.	220.	2379.834	48.784	234.16	261.8	308.45	387.2
00915p	CALCIUM, DISSOLVED (MG/L AS Ca)	06/14/77-09/06/99	17	67.	69.265	120.	51.	238.566	15.446	51.8	60.	74.	88.
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/14/77-09/06/99	17	29.	29.565	43.	22.	24.596	4.959	22.	27.3	31.	36.6
00930p	SODIUM, DISSOLVED (MG/L AS Na)	06/14/77-09/06/99	17	78.1	81.594	125.	58.	314.213	17.726	60.4	67.5	86.5	112.2
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	06/14/77-09/06/99	17	3.3	3.374	5.	1.	0.869	0.932	1.8	3.	4.	4.36
00941p	CHLORIDE, DISSOLVED IN WATER MG/L	06/14/77-09/06/99	17	28.	27.688	58.	17.	88.571	9.411	17.	20.5	30.	39.6
00946p	SULFATE, DISSOLVED (MG/L AS SO4)	06/14/77-09/06/99	17	270.	265.749	390.	176.	2620.952	51.195	183.2	235.725	288.5	342.
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	03/20/78-05/15/93	7 ##	0.25	0.571	2.5	0.25	0.723	0.85	**	**	**	**
01501	ALPHA, TOTAL	04/17/84-04/29/90	5	16.	20.	31.	8.	109.5	10.464	**	**	**	**
03501	BETA, TOTAL	04/17/84-04/29/90	5	20.	35.	63.	14.	658.5	25.661	**	**	**	**
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/14/77-09/06/99	16	589.	588.	790.	426.	8629.333	92.894	445.6	549.	611.5	767.6
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/19/77-04/29/90	9	0.04	0.036	0.05	0.01	0.	0.016	0.01	0.02	0.05	0.05
82702p	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/13/78-05/15/93	7	2.	1.857	2.5	1.5	0.143	0.378	**	**	**	**
82703p	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	06/14/77-05/15/93	8	0.11	0.124	0.23	0.08	0.002	0.045	**	**	**	**
82705p	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/22/77-05/15/93	8 ##	0.5	1.25	5.	0.5	2.571	1.604	**	**	**	**
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/20/78-05/15/93	7 ##	2.5	3.929	10.	2.5	8.036	2.835	**	**	**	**
82708p	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/14/77-05/15/93	9	15.	17.222	40.	5.	119.444	10.929	5.	10.	25.	40.
82710p	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	06/14/77-05/15/93	12	6.63	6.333	15.	1.4	14.603	3.821	1.58	3.288	7.375	13.8
82711p	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/22/77-05/15/93	8 ##	2.5	7.938	25.	2.5	84.031	9.167	**	**	**	**
82712p	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/14/77-05/15/93	9	265.	428.222	1800.	54.	281880.944	530.925	54.	142.5	407.5	1800.
82713p	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/22/77-05/15/93	10 ##	0.05	0.14	0.7	0.05	0.041	0.202	0.05	0.05	0.125	0.65
82716p	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	07/19/77-05/15/93	8 ##	1.	1.5	5.	1.	2.	1.414	**	**	**	**
82719p	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/14/77-05/15/93	9	20.	39.444	115.	5.	1790.278	42.312	5.	7.5	82.5	115.

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

Seasonal Analysis for Season #2: 10/15 to 3/31 - Station CANY0291

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/19/77-09/06/99	16	5.4	6.212	18.	0.1	23.644	4.862	0.31	2.65	9.125	14.5
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/14/77-09/06/99	16	85.	170.	490.	16.	26798.	163.701	18.8	33.5	315.5	427.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/13/78-09/06/99	14	914.	920.	1500.	625.	42361.077	205.818	647.5	821.25	994.75	1250.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/14/77-09/06/99	18	957.5	987.056	1720.	780.	39036.644	197.577	813.3	897.5	1022.5	1108.
00191p	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	04/17/84-09/06/99	7	0.	0.	0.	0.	0.	0.	**	**	**	**

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Seasonal Analysis for Season #2: 10/15 to 3/31 - Station CANY0291

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00335	COD, .025N K2CR2O7 MG/L	06/14/77-04/29/90	10	14.5	15.05	24.	5.	37.581	6.13	5.25	10.875	23.8
00400p	PH (STANDARD UNITS)	06/14/77-09/06/99	11	8.4	8.319	8.6	7.6	0.07	0.264	7.72	8.3	8.58
00400p	CONVERTED PH (STANDARD UNITS)	06/14/77-09/06/99	11	8.4	8.214	8.6	7.6	0.082	0.286	7.72	8.3	8.58
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/14/77-09/06/99	11	0.004	0.006	0.025	0.003	0.	0.006	0.003	0.003	0.021
00405p	CARBON DIOXIDE (MG/L AS CO2)	06/14/77-09/06/99	21	2.	2.19	7.	1.	1.662	1.289	1.	1.5	3.
00406p	PH, FIELD, STANDARD UNITS SU	02/13/78-09/06/99	11	8.	7.691	8.5	6.2	0.749	0.865	6.22	6.7	8.4
00406p	CONVERTED PH, FIELD, STANDARD UNITS	02/13/78-09/06/99	11	8.	6.897	8.5	6.2	1.442	1.201	6.22	6.7	8.4
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/13/78-09/06/99	11	0.01	0.127	0.631	0.003	0.051	0.227	0.003	0.004	0.605
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	06/14/77-09/06/99	16	181.	177.	190.	151.	100.	10.	161.5	168.75	184.
00440p	BICARBONATE ION (MG/L AS HCO3)	06/14/77-09/06/99	16	217.	214.25	232.	184.	150.867	12.283	192.4	206.	223.5
00445p	CARBONATE ION (MG/L AS CO3)	07/24/79-09/06/99	10	0.	1.4	4.	0.	3.6	1.897	0.	4.	4.
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/14/77-09/06/99	15	245.	563.4	3320.	5.	706078.543	840.285	24.8	89.	2039.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/14/77-06/03/99	11 ##	0.05	0.059	0.1	0.025	0.001	0.028	0.025	0.05	0.1
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/20/78-04/05/89	10 ##	0.008	0.013	0.025	0.005	0.	0.009	0.005	0.005	0.025
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/14/77-04/05/89	14	0.445	0.524	1.96	0.15	0.194	0.441	0.175	0.303	1.305
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/19/77-09/30/95	14	0.7	1.116	4.8	0.2	1.381	1.175	0.3	0.4	1.533
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	06/14/77-09/06/99	12	0.12	0.374	2.693	0.025	0.559	0.747	0.025	0.063	2.065
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/19/77-04/29/90	10	7.75	10.17	36.	2.	106.891	10.339	2.08	2.875	33.78
00900p	HARDNESS, TOTAL (MG/L AS CaCO3)	06/14/77-09/06/99	16	327.5	330.981	384.	289.7	581.479	24.114	295.16	319.625	377.7
00915p	CALCIUM, DISSOLVED (MG/L AS Ca)	06/14/77-09/06/99	16	73.	73.719	84.	63.5	25.132	5.013	67.35	69.75	81.2
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/14/77-09/06/99	16	35.5	35.619	47.	25.	22.566	4.75	29.2	34.	42.8
00930p	SODIUM, DISSOLVED (MG/L AS Na)	06/14/77-09/06/99	16	87.	88.088	139.	67.4	295.216	17.182	71.32	75.25	111.7
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	06/14/77-09/06/99	16	3.	3.018	4.	2.	0.145	0.38	2.616	3.	3.58
00941p	CHLORIDE, DISSOLVED IN WATER MG/L	06/14/77-09/06/99	16	32.	29.656	50.	20.	69.424	8.332	20.	21.625	41.6
00946p	SULFATE, DISSOLVED (MG/L AS SO4)	06/14/77-09/06/99	16	287.87	305.046	460.	230.	3321.181	57.63	237.	270.	397.
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	03/20/78-05/15/93	8 ##	0.25	0.313	0.5	0.25	0.013	0.116	**	**	**
01501	ALPHA, TOTAL	04/17/84-04/29/90	6	10.	11.333	27.	2.	83.067	9.114	**	**	**
03501	BETA, TOTAL	04/17/84-04/29/90	6	13.	17.	31.	5.	118.	10.863	**	**	**
70300p	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/14/77-09/06/99	15	672.	660.8	866.	538.	5701.6	75.509	571.6	612.	778.4
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/19/77-04/29/90	11	0.046	0.094	0.31	0.01	0.011	0.107	0.01	0.02	0.292
82702p	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/13/78-05/15/93	10	1.5	1.65	3.	0.5	0.781	0.883	0.55	1.	3.
82703p	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	06/14/77-05/15/93	9 ##	0.05	0.07	0.15	0.025	0.003	0.053	0.025	0.025	0.15
82705p	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/22/77-05/15/93	9 ##	0.5	1.389	5.	0.5	3.174	1.781	0.5	0.5	5.
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/20/78-05/15/93	8 ##	3.75	6.125	15.	2.5	27.982	5.29	**	**	**
82708p	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/14/77-05/15/93	10	10.	13.	25.	5.	62.222	7.888	5.	5.	25.
82710p	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	06/14/77-05/15/93	14	1.185	2.354	10.	0.015	8.959	2.993	0.193	0.725	8.755
82711p	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/22/77-05/15/93	9 ##	2.5	9.444	30.	2.5	141.84	11.91	2.5	20.	30.
82712p	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/14/77-05/15/93	11	85.	134.727	420.	5.	19543.818	139.799	9.4	30.	408.
82713p	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/22/77-05/15/93	10 ##	0.05	0.135	0.5	0.05	0.028	0.168	0.05	0.05	0.175
82716p	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	07/19/77-05/15/93	9 ##	1.	1.889	5.	1.	3.111	1.764	1.	1.	5.
82719p	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/14/77-05/15/93	11	20.	23.409	50.	2.5	255.341	15.979	3.	10.	48.

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Seasonal Analysis for Season #3: 4/01 to 5/31 - Station CANY0291

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/19/77-09/06/99	13	13.5	13.838	18.	9.1	5.874	2.424	10.14	11.9	17.8
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/14/77-09/06/99	16	340.	428.063	1000.	123.	62487.663	249.975	173.4	263.75	965.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/13/78-09/06/99	12	698.5	792.667	1350.	397.	99156.788	314.892	397.	546.25	1305.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/14/77-09/06/99	16	739.5	765.063	1200.	515.	48746.463	220.786	536.	546.25	1085.9
00191p	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	04/17/84-09/06/99	11	0.	0.	0.	0.	0.	0.	0.	0.	0.
00335	COD, .025N K2CR2O7 MG/L	06/14/77-04/29/90	10	19.5	16.8	26.	5.	61.733	7.857	5.2	7.	26.
00400p	PH (STANDARD UNITS)	06/14/77-09/06/99	12	8.15	8.134	8.4	7.7	0.046	0.215	7.73	8.047	8.394
00400p	CONVERTED PH (STANDARD UNITS)	06/14/77-09/06/99	12	8.147	8.08	8.4	7.7	0.049	0.222	7.73	8.047	8.394
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/14/77-09/06/99	12	0.007	0.008	0.02	0.004	0.	0.005	0.004	0.005	0.019
00405p	CARBON DIOXIDE (MG/L AS CO2)	06/14/77-09/06/99	18	2.	2.722	7.	1.	3.389	1.841	1.	1.75	7.

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Seasonal Analysis for Season #3: 4/01 to 5/31 - Station CANY0291

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00406p	PH, FIELD, STANDARD UNITS SU	02/13/78-09/06/99	8	7.855	7.576	8.4	6.2	0.703	0.839	**	**	**
00406p	CONVERTED PH, FIELD, STANDARD UNITS	02/13/78-09/06/99	8	7.828	6.885	8.4	6.2	1.249	1.118	**	**	**
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/13/78-09/06/99	8	0.015	0.13	0.631	0.004	0.052	0.228	**	**	**
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	06/14/77-09/06/99	16	152.5	149.063	198.	89.	733.929	27.091	109.3	129.	171.
00440p	BICARBONATE ION (MG/L AS HCO3)	06/14/77-09/06/99	16	187.	181.813	242.	108.	1091.496	33.038	133.2	158.	208.
00445p	CARBONATE ION (MG/L AS CO3)	07/24/79-09/06/99	11	0.	0.	0.	0.	0.	0.	0.	0.	0.
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/14/77-09/06/99	14	943.	962.071	1870.	91.	304412.379	551.736	203.5	474.5	1415.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/14/77-06/03/99	19	0.096	0.07	0.103	0.025	0.001	0.035	0.025	0.025	0.1
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/20/78-04/05/89	10 ##	0.005	0.008	0.025	0.005	0.	0.006	0.005	0.005	0.006
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/14/77-04/05/89	12	0.625	0.713	1.45	0.27	0.112	0.335	0.324	0.502	0.853
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/19/77-09/30/95	17	1.	1.204	3.1	0.1	0.69	0.831	0.26	0.45	1.8
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	06/14/77-09/06/99	15	0.44	0.541	1.5	0.039	0.123	0.35	0.14	0.26	0.76
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/19/77-04/29/90	11	5.	8.445	28.5	3.5	68.863	8.298	3.62	4.3	7.6
00900p	HARDNESS, TOTAL (MG/L AS CaCO3)	06/14/77-09/06/99	16	259.85	253.613	374.8	167.	4012.291	63.343	176.1	192.025	296.
00915p	CALCIUM, DISSOLVED (MG/L AS Ca)	06/14/77-09/06/99	17	59.	55.9	79.	29.	166.838	12.917	37.	45.	62.45
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/14/77-09/06/99	17	28.	40.641	250.	17.	2973.201	54.527	17.8	20.5	34.
00930p	SODIUM, DISSOLVED (MG/L AS Na)	06/14/77-09/06/99	16	61.6	64.794	99.	34.	429.641	20.728	40.3	45.5	79.
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	06/14/77-09/06/99	16	2.85	2.789	4.	2.	0.368	0.606	2.	2.4	3.
00941p	CHLORIDE, DISSOLVED IN WATER MG/L	06/14/77-09/06/99	16	17.75	18.531	33.	9.	40.28	6.347	11.66	13.15	21.
00946p	SULFATE, DISSOLVED (MG/L AS SO4)	06/14/77-09/06/99	16	213.93	216.352	340.	113.	4953.052	70.378	131.9	151.505	266.
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	03/20/78-05/15/93	12 ##	0.375	0.583	2.5	0.25	0.413	0.643	0.25	0.25	0.5
01501	ALPHA, TOTAL	04/17/84-04/29/90	9	13.	14.111	26.	1.	59.861	7.737	1.	11.	19.5
03501	BETA, TOTAL	04/17/84-04/29/90	9	34.	34.889	84.	5.	644.611	25.389	5.	11.	49.5
70300p	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/14/77-09/06/99	15	478.	494.533	794.	286.	23364.838	152.856	328.	372.	574.
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/19/77-04/29/90	13	0.284	0.246	0.39	0.02	0.02	0.141	0.02	0.115	0.37
82702p	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/13/78-05/15/93	12	3.	3.188	6.	0.25	2.422	1.556	0.925	2.5	3.5
82703p	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	06/14/77-05/15/93	12	0.085	0.098	0.2	0.025	0.004	0.065	0.025	0.031	0.16
82705p	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/22/77-05/15/93	12 ##	0.5	1.292	5.	0.5	3.021	1.738	0.5	0.5	0.875
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/20/78-05/15/93	12	9.	9.042	20.	2.5	33.521	5.79	2.5	3.125	14.
82708p	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/14/77-05/15/93	12 ##	10.	14.583	30.	10.	47.538	6.895	10.	10.	18.75
82710p	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	06/14/77-05/15/93	13	6.25	7.547	30.	0.015	61.056	7.814	0.023	2.48	9.
82711p	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/22/77-05/15/93	11	8.	8.955	20.	1.5	46.673	6.832	1.7	2.5	16.
82712p	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/14/77-05/15/93	12	352.5	373.125	700.	2.5	58305.824	241.466	3.25	210.	645.
82713p	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/22/77-05/15/93	13 ##	0.1	0.154	0.9	0.05	0.052	0.228	0.05	0.05	0.1
82716p	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	07/19/77-05/15/93	12 ##	1.	1.667	5.	1.	2.424	1.557	1.	1.	1.
82719p	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/14/77-05/15/93	12	35.	40.917	75.	10.	465.72	21.581	11.5	27.25	61.75

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

Seasonal Analysis for Season #4: 6/01 to 7/14 - Station CANY0291

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/19/77-09/06/99	7	22.1	22.843	30.6	15.5	21.383	4.624	**	**	**
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/14/77-09/06/99	11	125.	137.273	310.	13.	8110.618	90.059	24.4	71.	150.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	02/13/78-09/06/99	6	600.	514.833	671.	250.	31920.967	178.664	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/14/77-09/06/99	11	550.	518.	793.	356.	22593.6	150.312	359.	375.	645.
00191p	HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	04/17/84-09/06/99	8	0.	0.	0.	0.	0.	0.	**	**	**
00335	COD, .025N K2CR2O7 MG/L	06/14/77-04/29/90	6 ##	9.5	11.	20.	5.	33.2	5.762	**	**	**
00400p	PH (STANDARD UNITS)	06/14/77-09/06/99	9	8.02	8.074	8.5	7.6	0.074	0.272	7.6	7.9	8.275
00400p	CONVERTED PH (STANDARD UNITS)	06/14/77-09/06/99	9	8.02	7.997	8.5	7.6	0.081	0.284	7.6	7.9	8.275
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/14/77-09/06/99	9	0.01	0.01	0.025	0.003	0.	0.007	0.003	0.005	0.013
00405p	CARBON DIOXIDE (MG/L AS CO2)	06/14/77-09/06/99	13	2.	1.846	6.	0.	2.141	1.463	0.4	1.	2.
00406p	PH, FIELD, STANDARD UNITS SU	02/13/78-09/06/99	5	7.5	7.6	8.3	7.2	0.19	0.436	**	**	**
00406p	CONVERTED PH, FIELD, STANDARD UNITS	02/13/78-09/06/99	5	7.5	7.469	8.3	7.2	0.211	0.46	**	**	**
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/13/78-09/06/99	5	0.032	0.034	0.063	0.005	0.001	0.023	**	**	**
00410p	ALKALINITY, TOTAL (MG/L AS CaCO3)	06/14/77-09/06/99	11	98.	114.	164.	85.	683.8	26.15	86.8	95.	132.
00440p	BICARBONATE ION (MG/L AS HCO3)	06/14/77-09/06/99	11	119.	137.818	192.	104.	962.564	31.025	105.6	115.	162.

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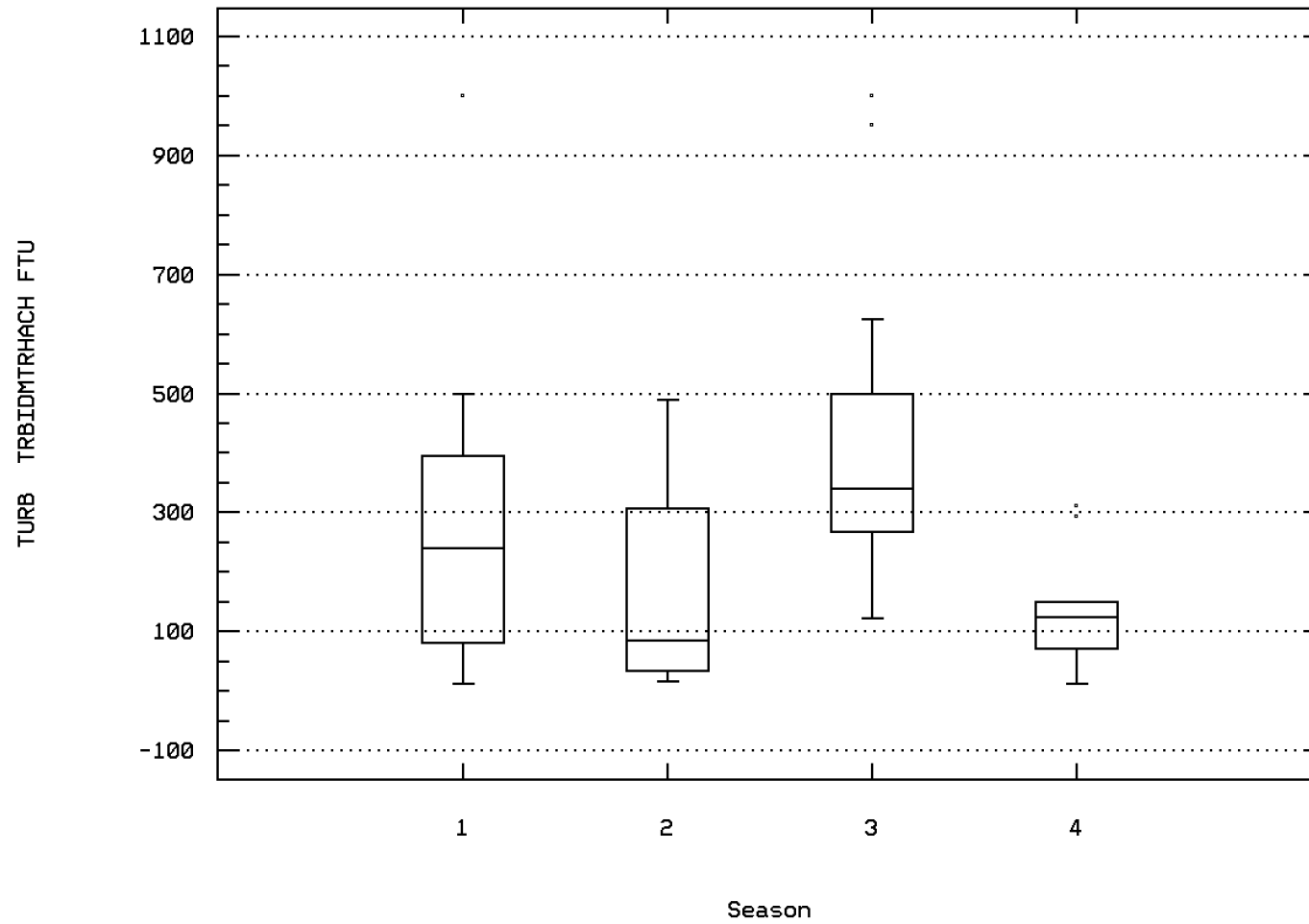
Seasonal Analysis for Season #4: 6/01 to 7/14 - Station CANY0291

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00445p	CARBONATE ION (MG/L AS CO3)	07/24/79-09/06/99	9	0.	0.778	4.	0.	2.444	1.563	0.	0.	1.5	4.
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/14/77-09/06/99	11	346.	473.545	1882.	17.	242382.873	492.324	52.	200.	525.	1611.6
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/14/77-06/03/99	10 ##	0.038	0.108	0.6	0.025	0.033	0.181	0.025	0.025	0.088	0.56
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	03/20/78-04/05/89	5 ##	0.01	0.013	0.025	0.005	0.	0.009	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/14/77-04/05/89	7	0.18	0.174	0.3	0.06	0.01	0.098	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/19/77-09/30/95	9	0.3	0.431	0.9	0.1	0.07	0.264	0.1	0.23	0.66	0.9
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	06/14/77-09/06/99	10	0.131	0.132	0.36	0.02	0.012	0.111	0.02	0.022	0.21	0.345
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/19/77-04/29/90	6	3.4	5.467	10.9	2.8	12.471	3.531	**	**	**	**
00900p	HARDNESS, TOTAL (MG/L AS CaCO3)	06/14/77-09/06/99	11	147.8	175.609	289.7	132.	2561.911	50.615	132.26	135.8	207.	274.82
00915p	CALCIUM, DISSOLVED (MG/L AS Ca)	06/14/77-09/06/99	11	38.	42.091	65.	32.	103.691	10.183	32.2	33.	49.	62.
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/14/77-09/06/99	11	14.1	17.191	31.	11.	39.101	6.253	11.	13.	22.	29.2
00930p	SODIUM, DISSOLVED (MG/L AS Na)	06/14/77-09/06/99	11	30.	38.845	70.	24.	253.343	15.917	24.2	25.3	50.	67.8
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	06/14/77-09/06/99	11	2.	2.121	4.	1.	0.927	0.963	1.	1.4	3.	3.8
00941p	CHLORIDE, DISSOLVED IN WATER MG/L	06/14/77-09/06/99	11	9.	12.455	25.	6.5	42.223	6.498	6.6	7.	15.	24.6
00946p	SULFATE, DISSOLVED (MG/L AS SO4)	06/14/77-09/06/99	11	91.	122.793	240.	73.5	2969.359	54.492	73.802	79.596	168.	227.124
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	03/20/78-05/15/93	4 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01501	ALPHA, TOTAL	04/17/84-04/29/90	4	4.5	7.	15.	4.	28.667	5.354	**	**	**	**
03501	BETA, TOTAL	04/17/84-04/29/90	4	11.	9.75	11.	6.	6.25	2.5	**	**	**	**
70300p	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	06/14/77-09/06/99	11	286.	336.364	524.	236.	12117.455	110.079	236.8	244.	420.	522.
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/19/77-04/29/90	6	0.015	0.032	0.13	0.003	0.002	0.048	**	**	**	**
82702p	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	02/13/78-05/15/93	5	2.	2.56	7.	0.25	7.399	2.72	**	**	**	**
82703p	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	06/14/77-05/15/93	6	0.1	0.099	0.12	0.08	0.	0.013	**	**	**	**
82705p	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/22/77-05/15/93	4 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	03/20/78-05/15/93	4 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82708p	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/14/77-05/15/93	6 ##	10.	10.333	20.	5.	26.667	5.164	**	**	**	**
82710p	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	06/14/77-05/15/93	7	3.4	6.153	23.1	1.77	58.28	7.634	**	**	**	**
82711p	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/22/77-05/15/93	4 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
82712p	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/14/77-05/15/93	6	127.5	137.5	210.	95.	1647.5	40.589	**	**	**	**
82713p	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/22/77-05/15/93	6 ##	0.1	0.675	3.	0.05	1.358	1.165	**	**	**	**
82716p	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	07/19/77-05/15/93	4 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
82719p	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/14/77-05/15/93	6	15.	19.167	35.	10.	124.167	11.143	**	**	**	**

** - Less than 9 observations ## - Computed 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: CANY0291 Parameter Code: 00076

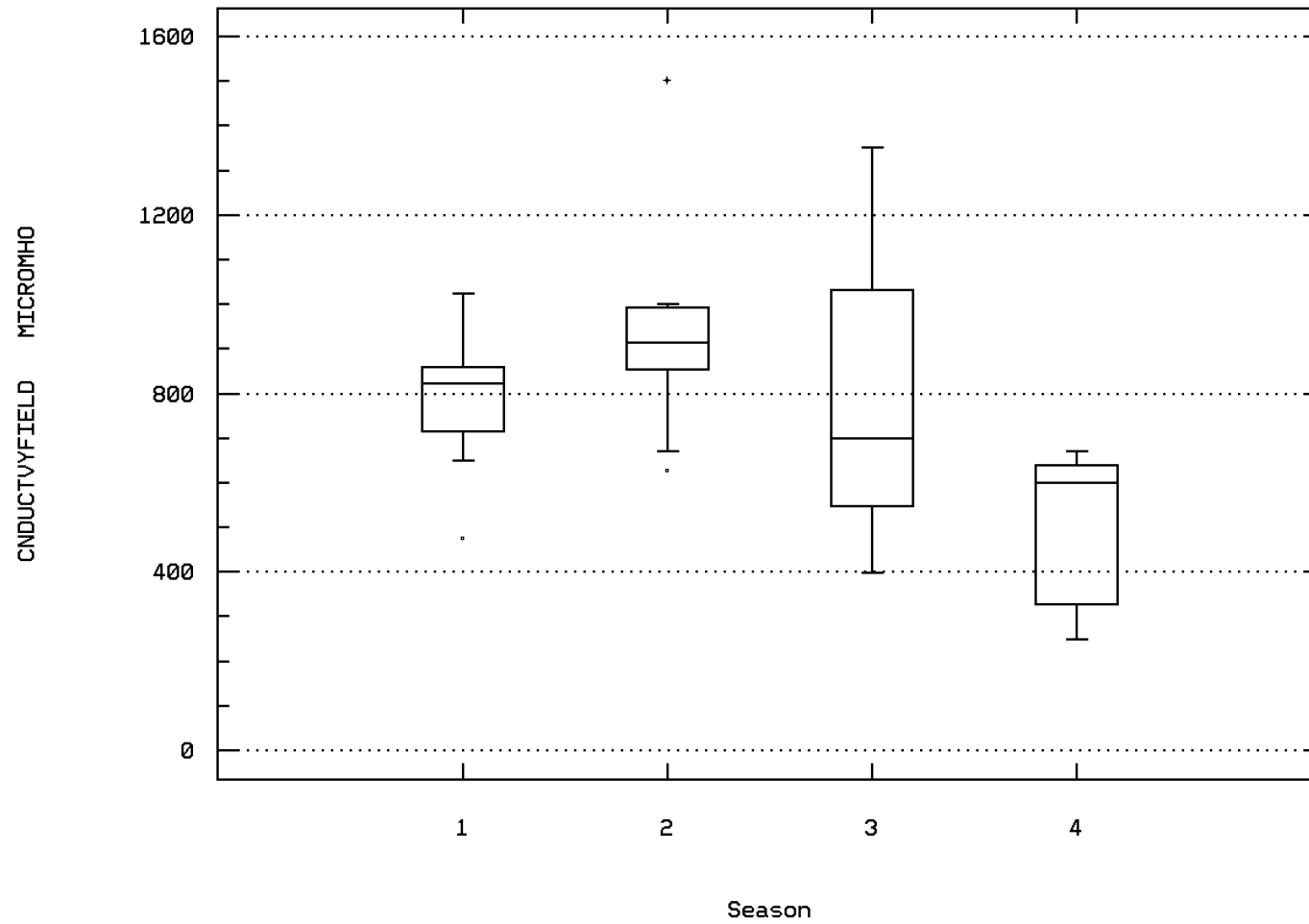
TURBIDITY, HACH TURBIDIMETER (FORMAZIN T



GREEN R AT MINERAL BOTTOMS

Station: CANY0291 Parameter Code: 00094

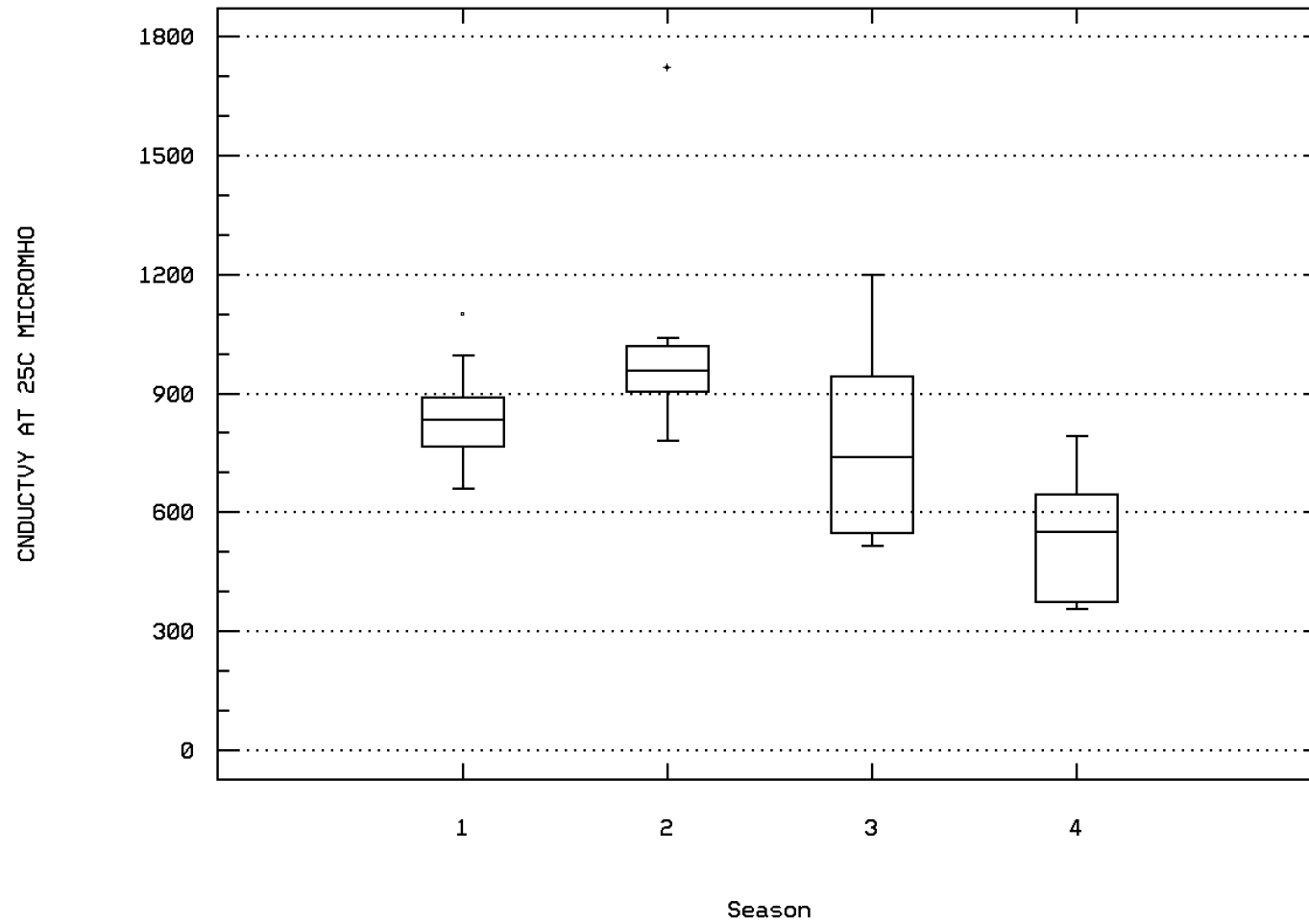
SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @



GREEN R AT MINERAL BOTTOMS

Station: CANY0291 Parameter Code: 00095

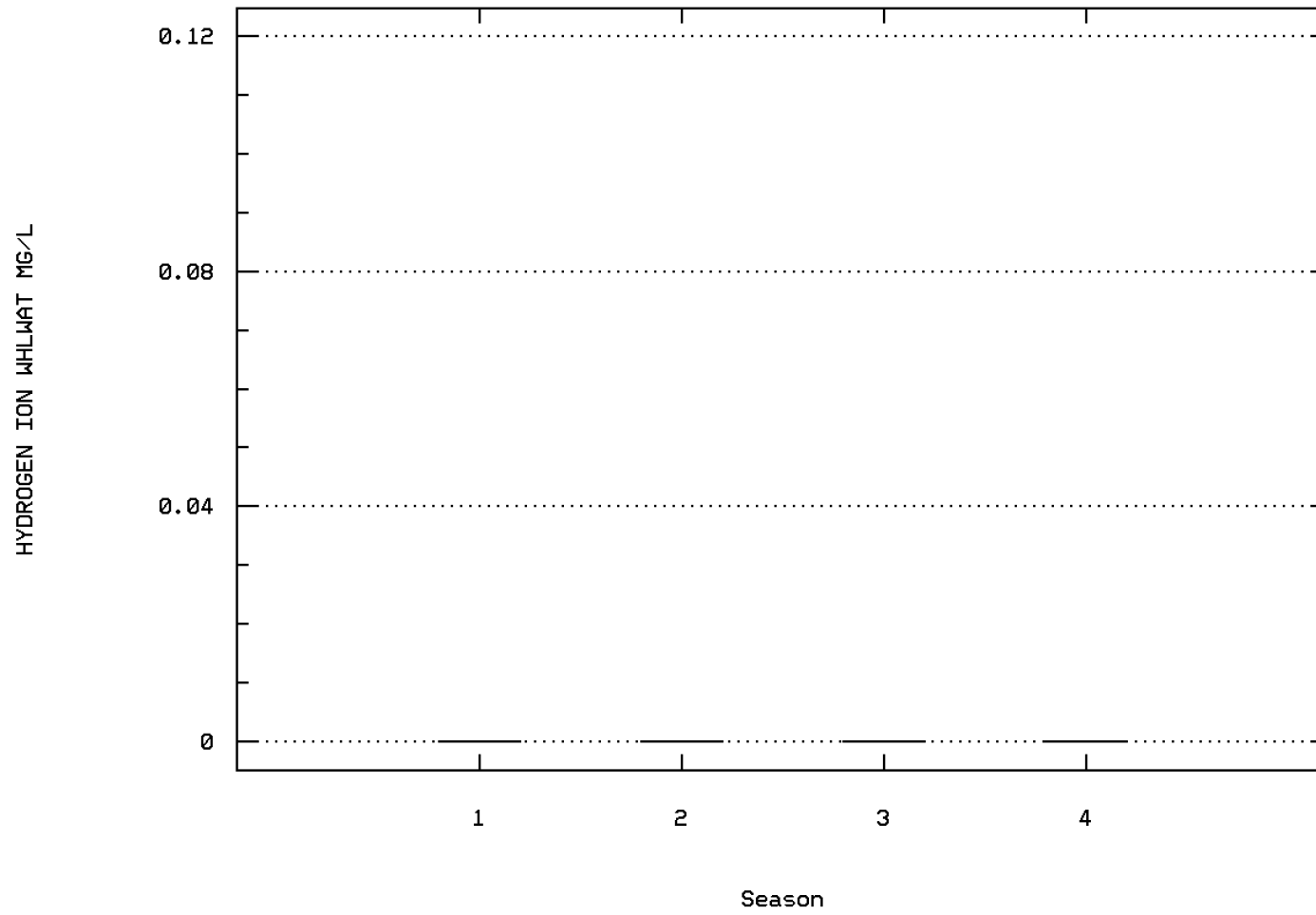
SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)



GREEN R AT MINERAL BOTTOMS

Station: CANY0291 Parameter Code: 00191

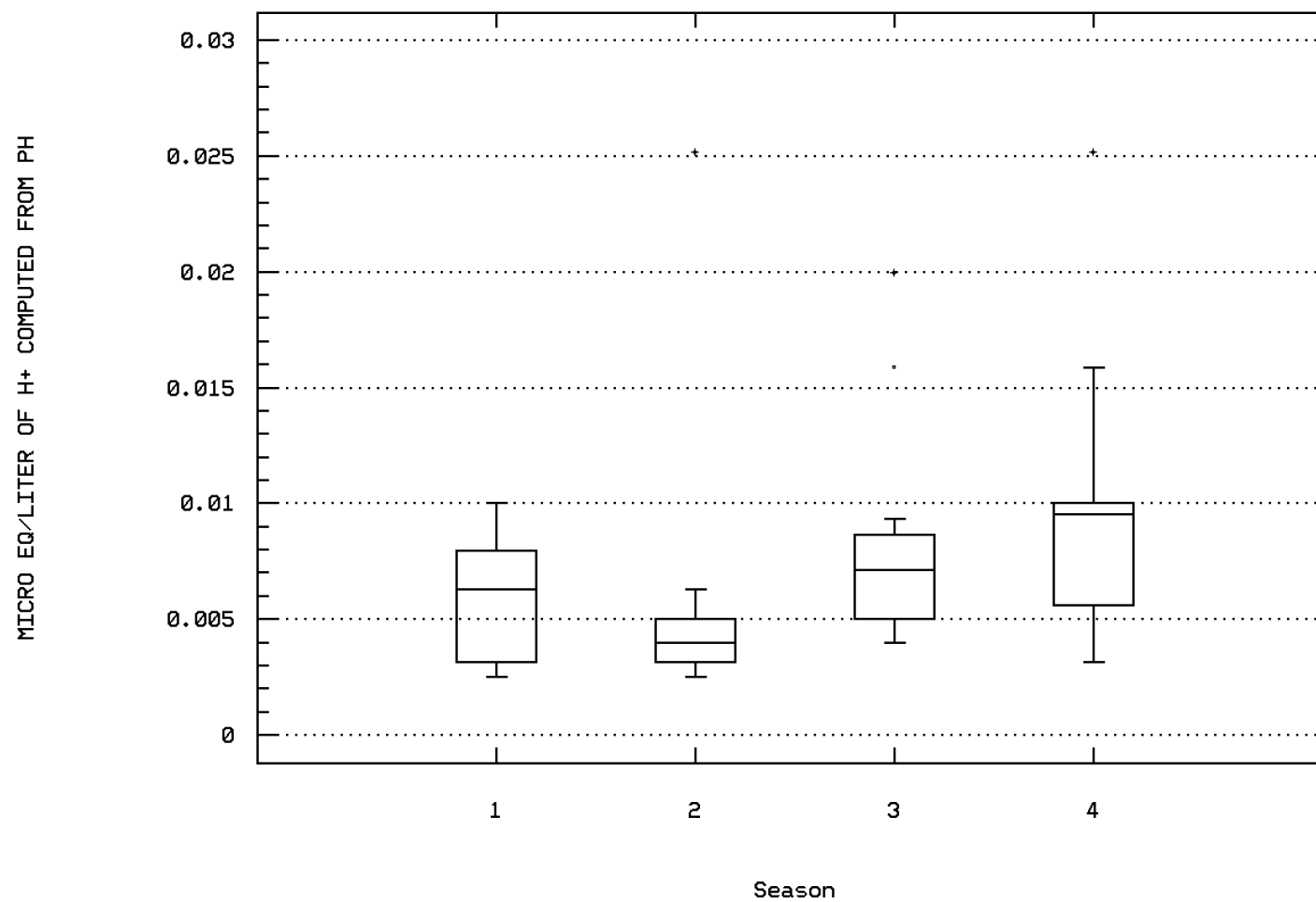
HYDROGEN ION CONCENTRATION IN WHOLE WAT



GREEN R AT MINERAL BOTTOMS

Station: CANY0291 Parameter Code: 00400

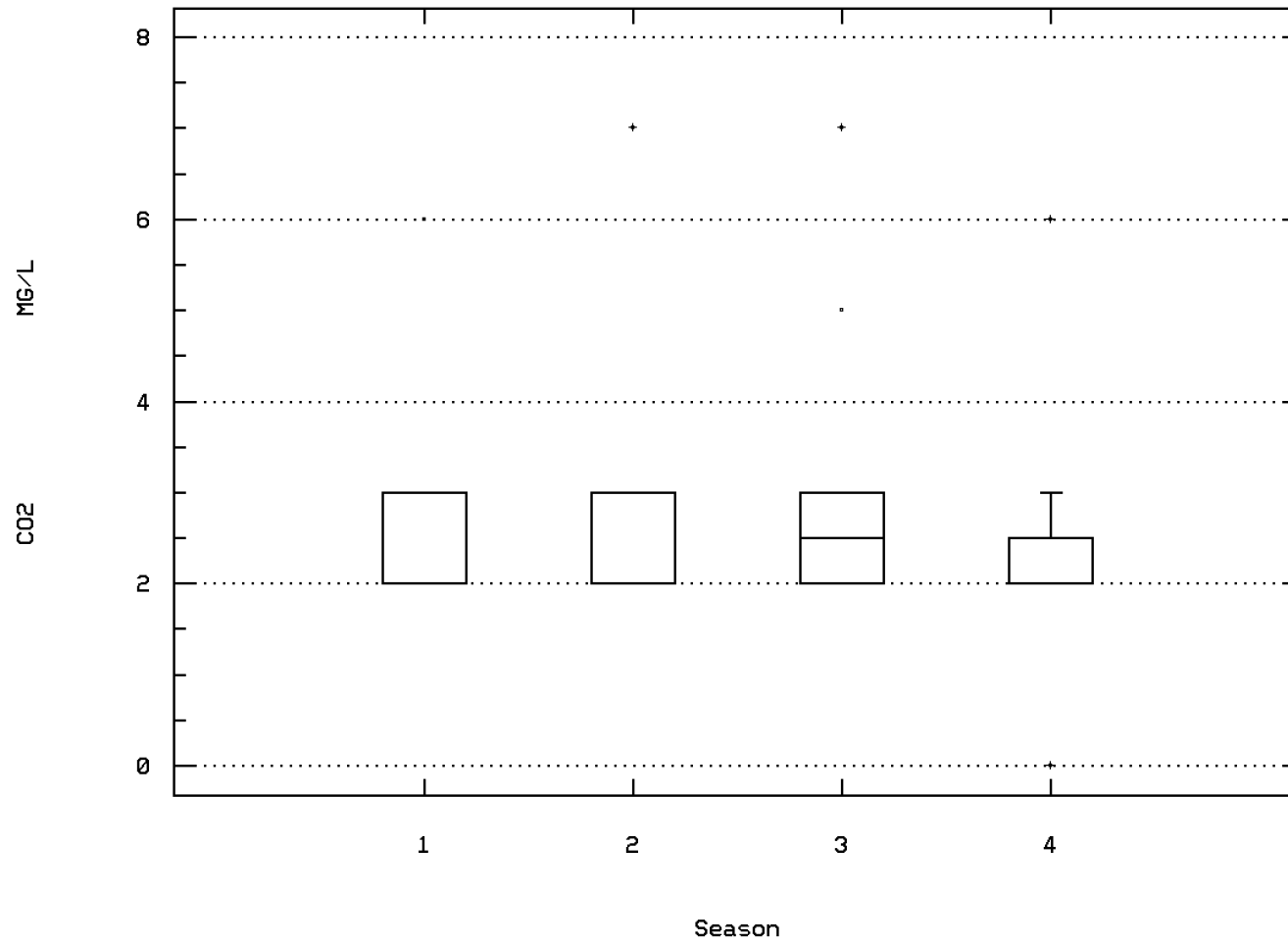
MICRO EQ/LITER OF H+ COMPUTED FROM PH



GREEN R AT MINERAL BOTTOMS

Station: CANY0291 Parameter Code: 00405

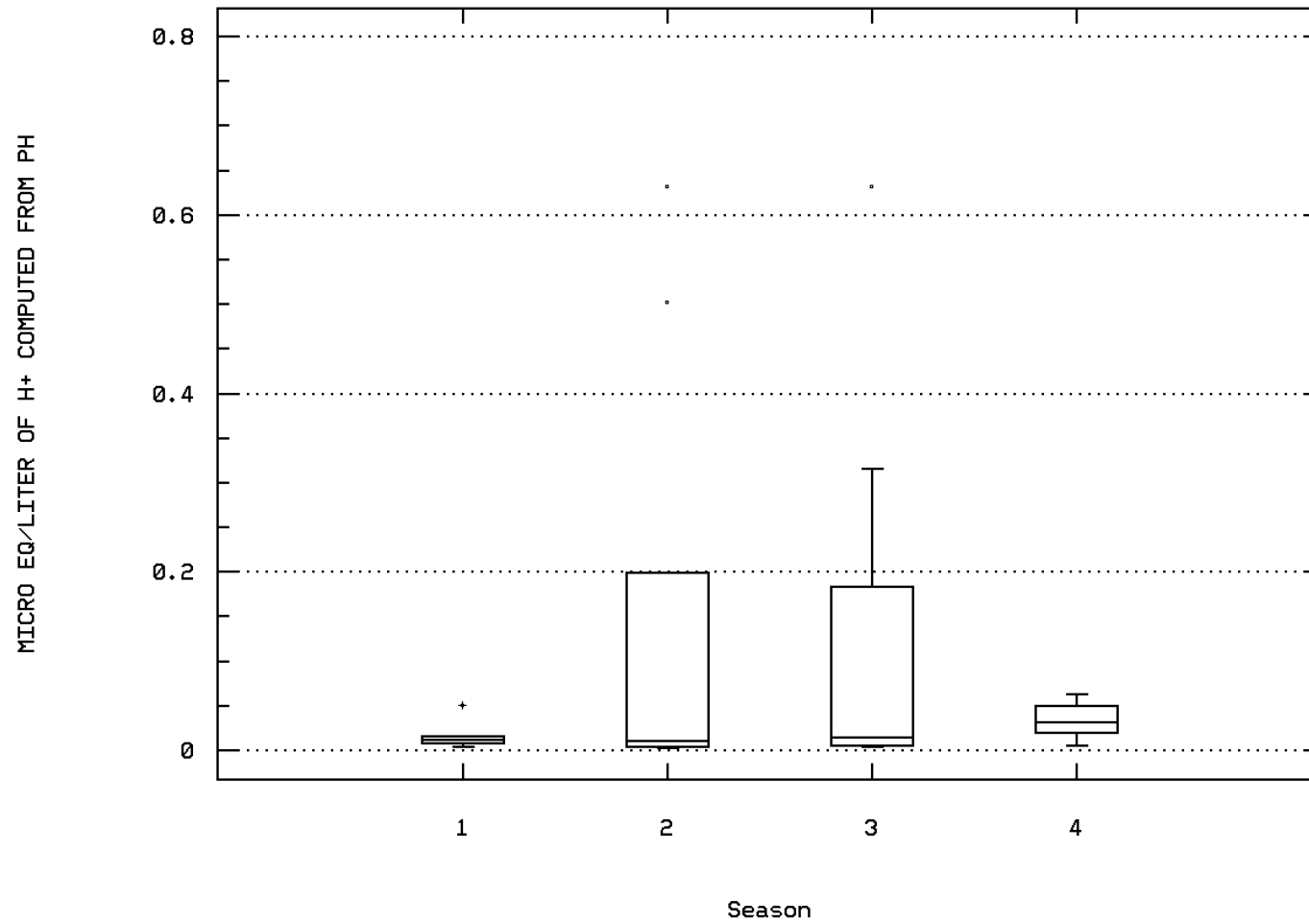
CARBON DIOXIDE (MG/L AS CO₂)



GREEN R AT MINERAL BOTTOMS

Station: CANY0291 Parameter Code: 00406

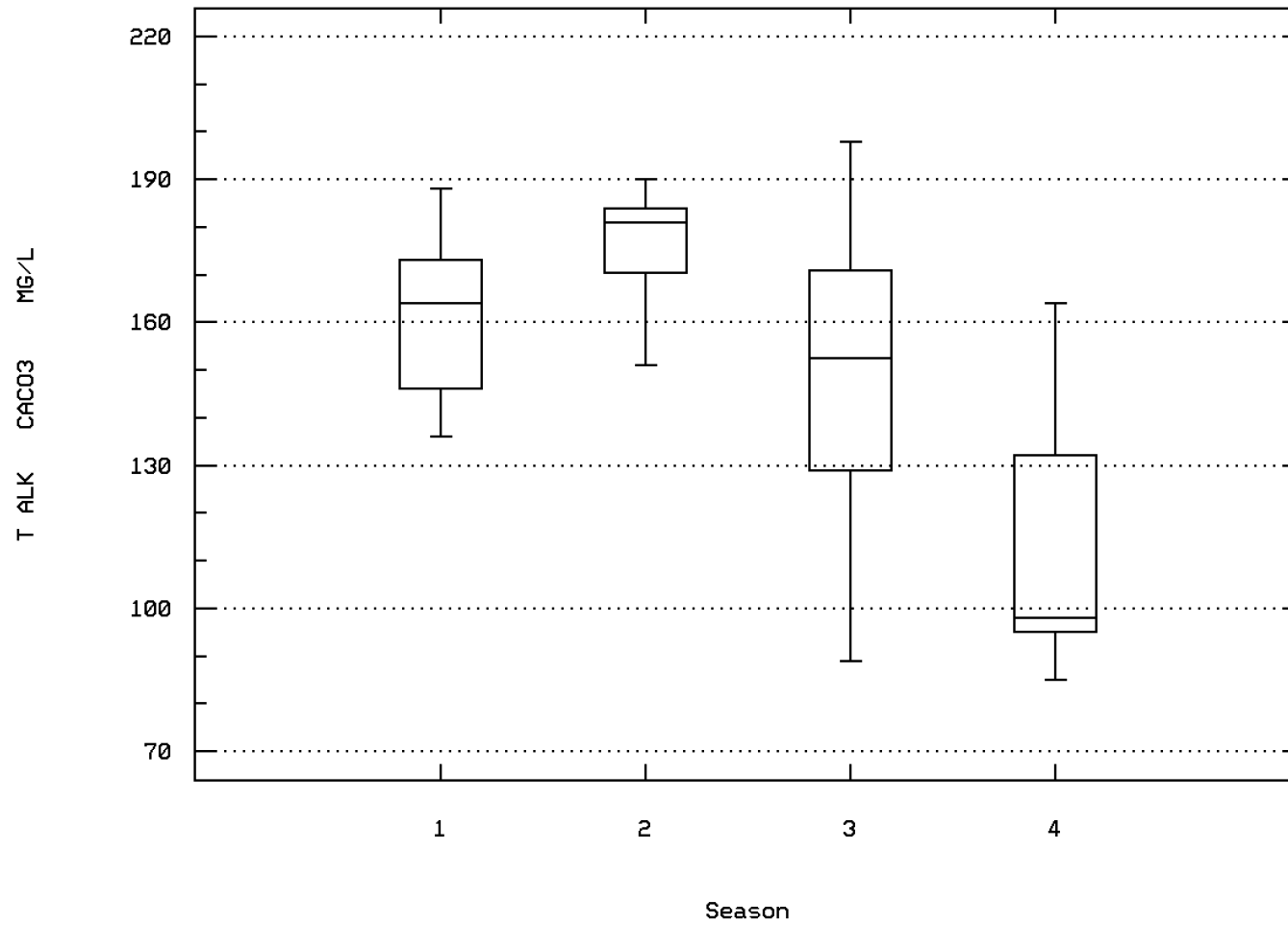
MICRO EQ/LITER OF H+ COMPUTED FROM PH



GREEN R AT MINERAL BOTTOMS

Station: CANY0291 Parameter Code: 00410

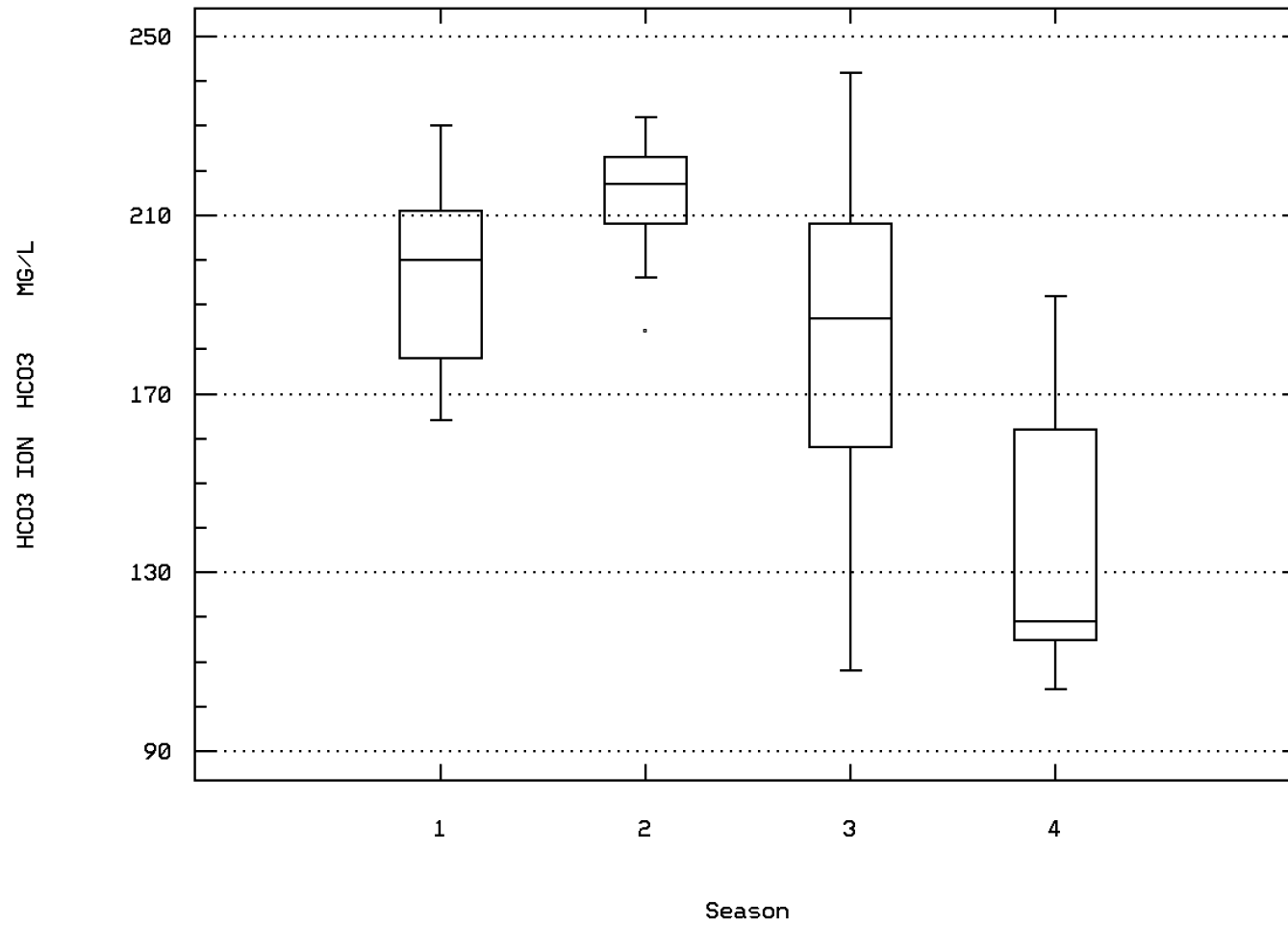
ALKALINITY, TOTAL (MG/L AS CaCO3)



GREEN R AT MINERAL BOTTOMS

Station: CANY0291 Parameter Code: 00440

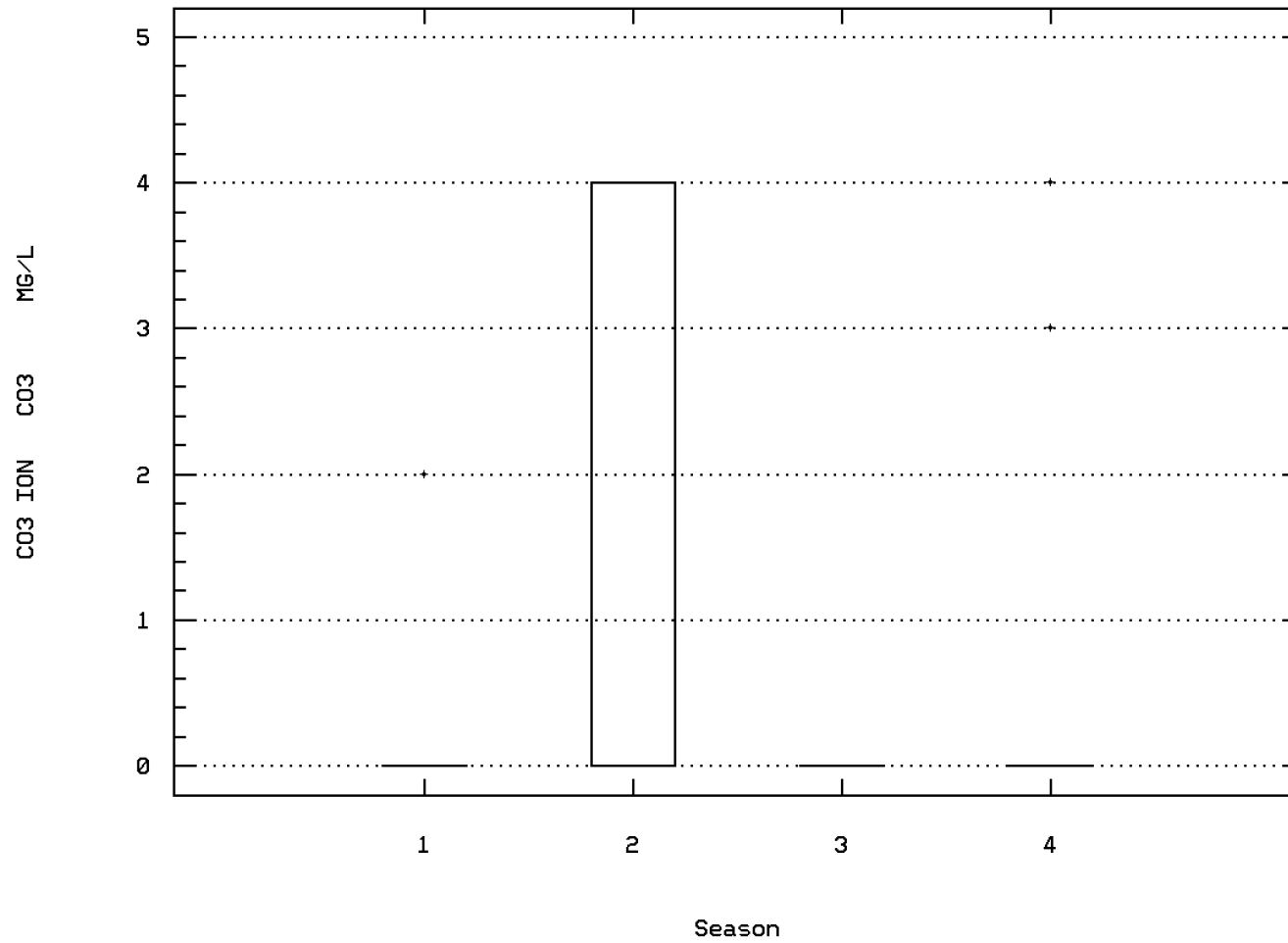
BICARBONATE ION (MG/L AS HCO_3)



GREEN R AT MINERAL BOTTOMS

Station: CANY0291 Parameter Code: 00445

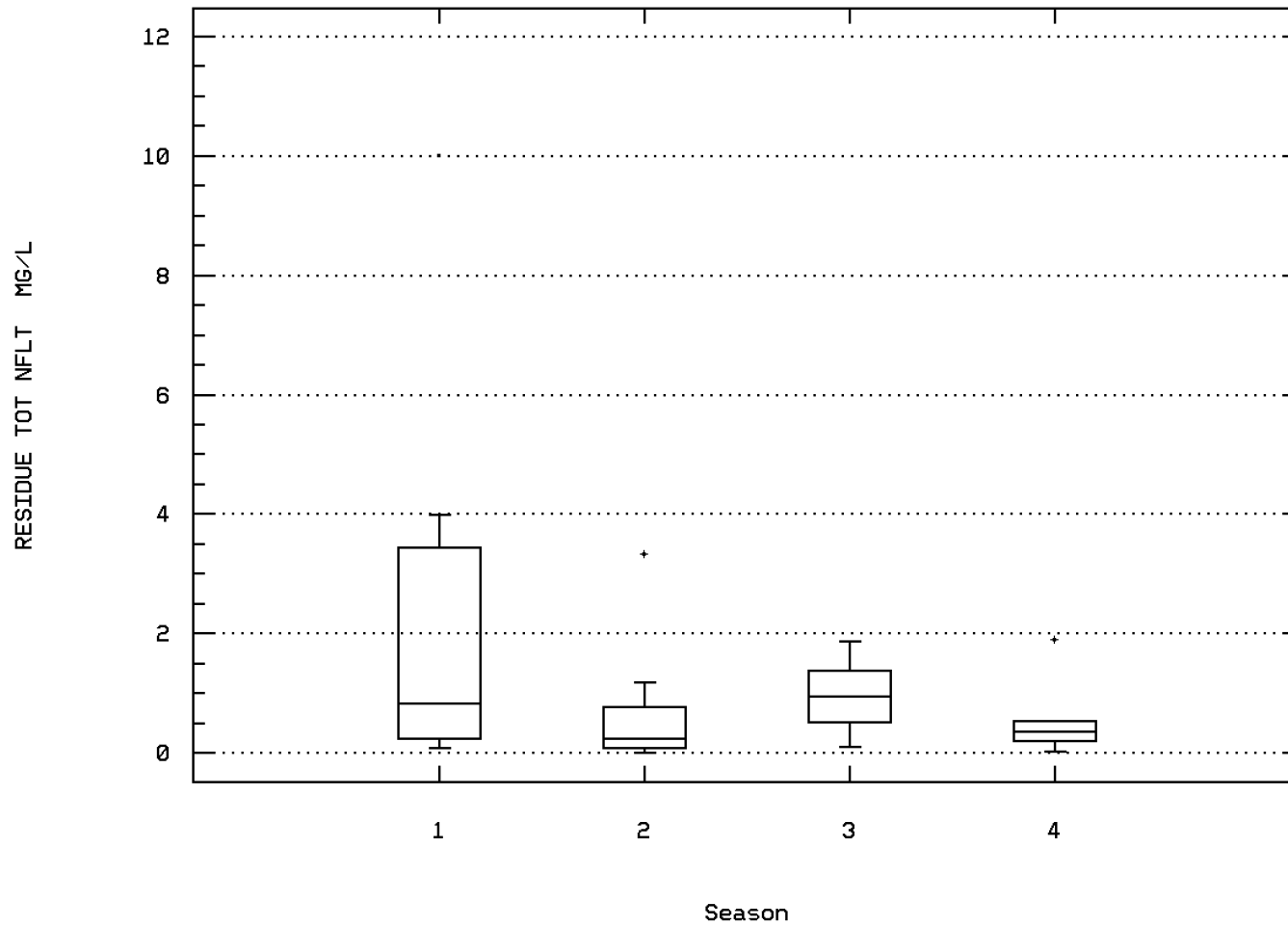
CARBONATE ION (MG/L AS CO3)



GREEN R AT MINERAL BOTTOMS

Station: CANY0291 Parameter Code: 00530

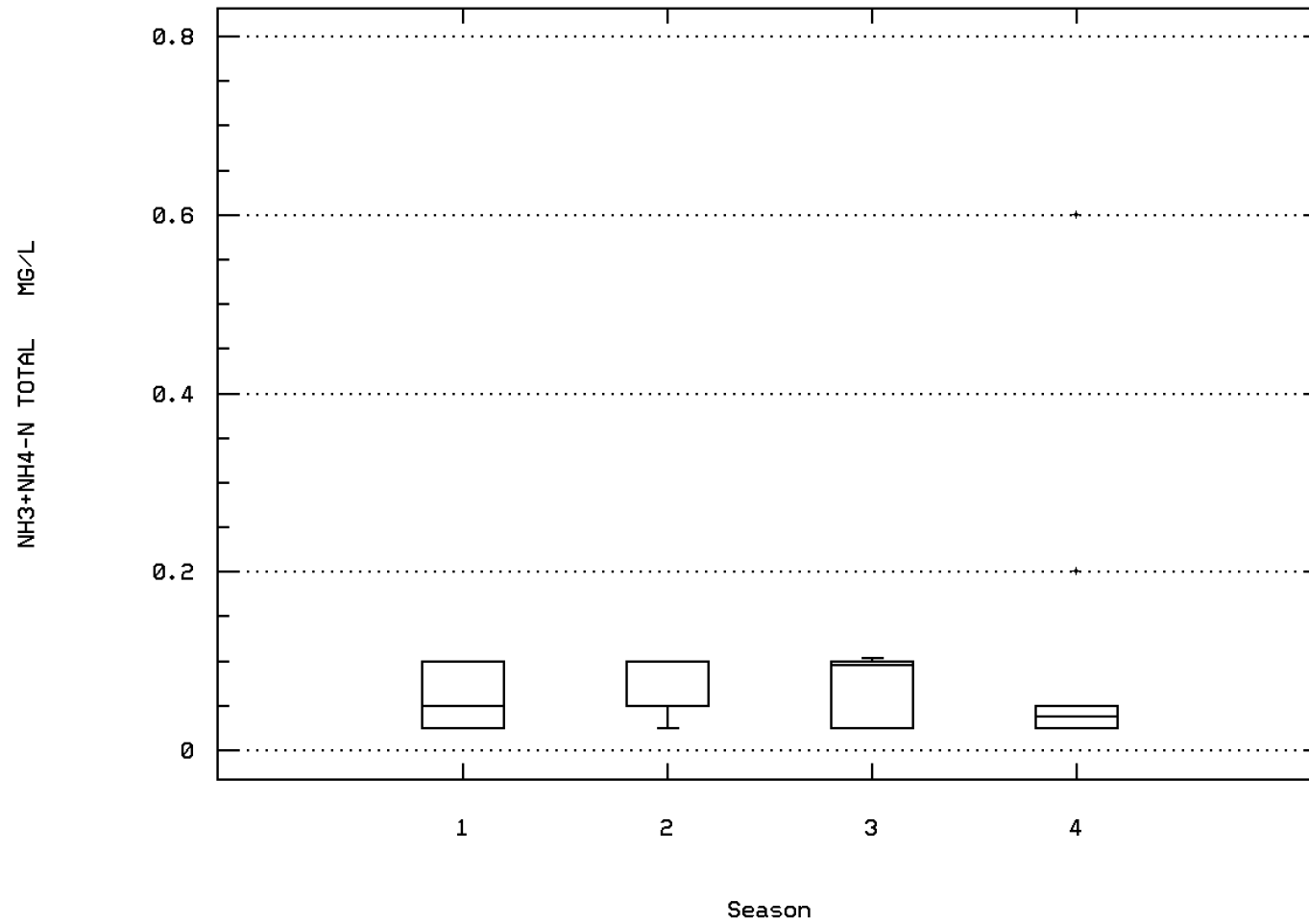
(X 1000)
RESIDUE, TOTAL NONFILTRABLE (MG/L)



GREEN R AT MINERAL BOTTOMS

Station: CANY0291 Parameter Code: 00610

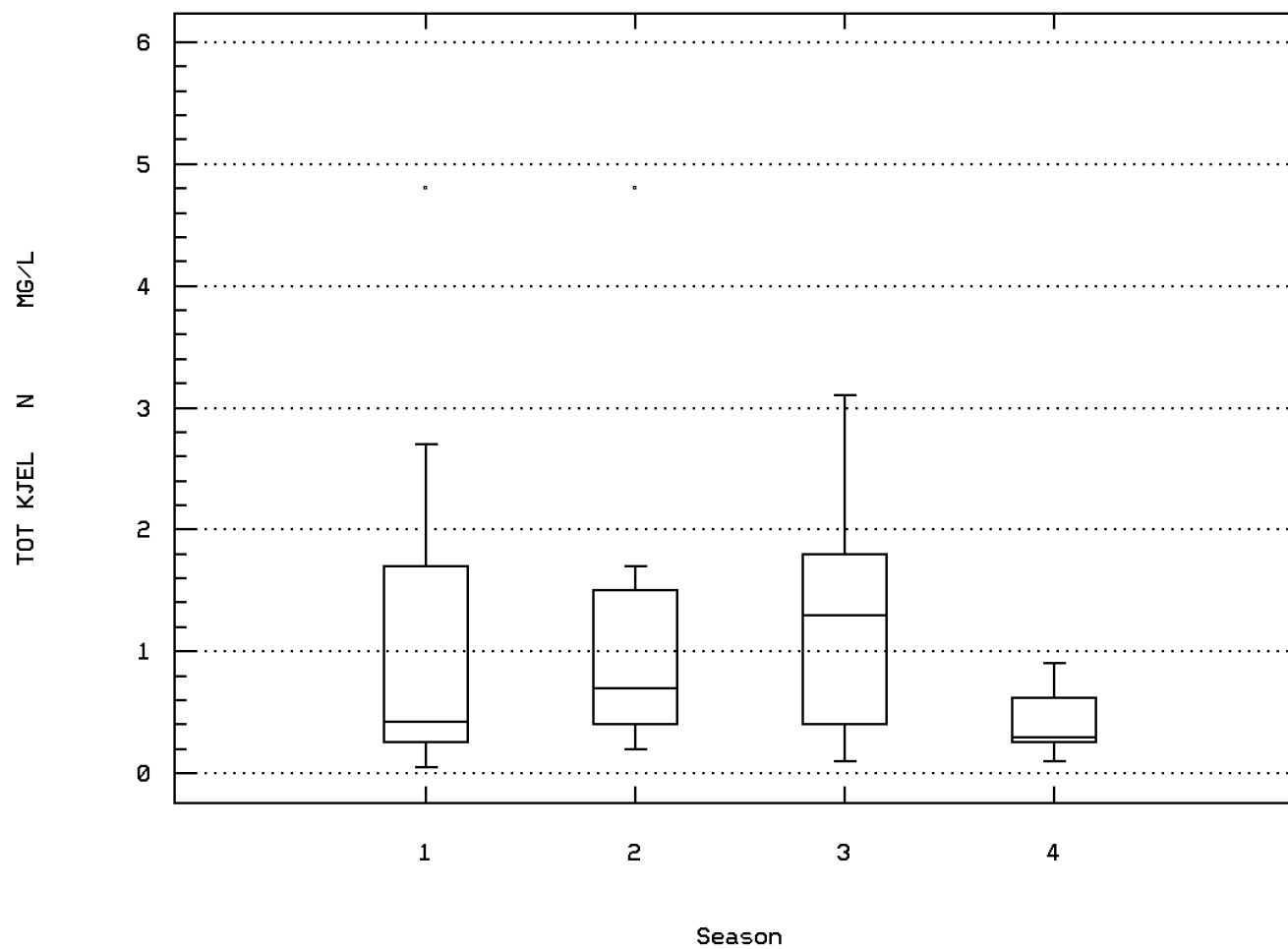
NITROGEN, AMMONIA, TOTAL (MG/L AS N)



GREEN R AT MINERAL BOTTOMS

Station: CANY0291 Parameter Code: 00625

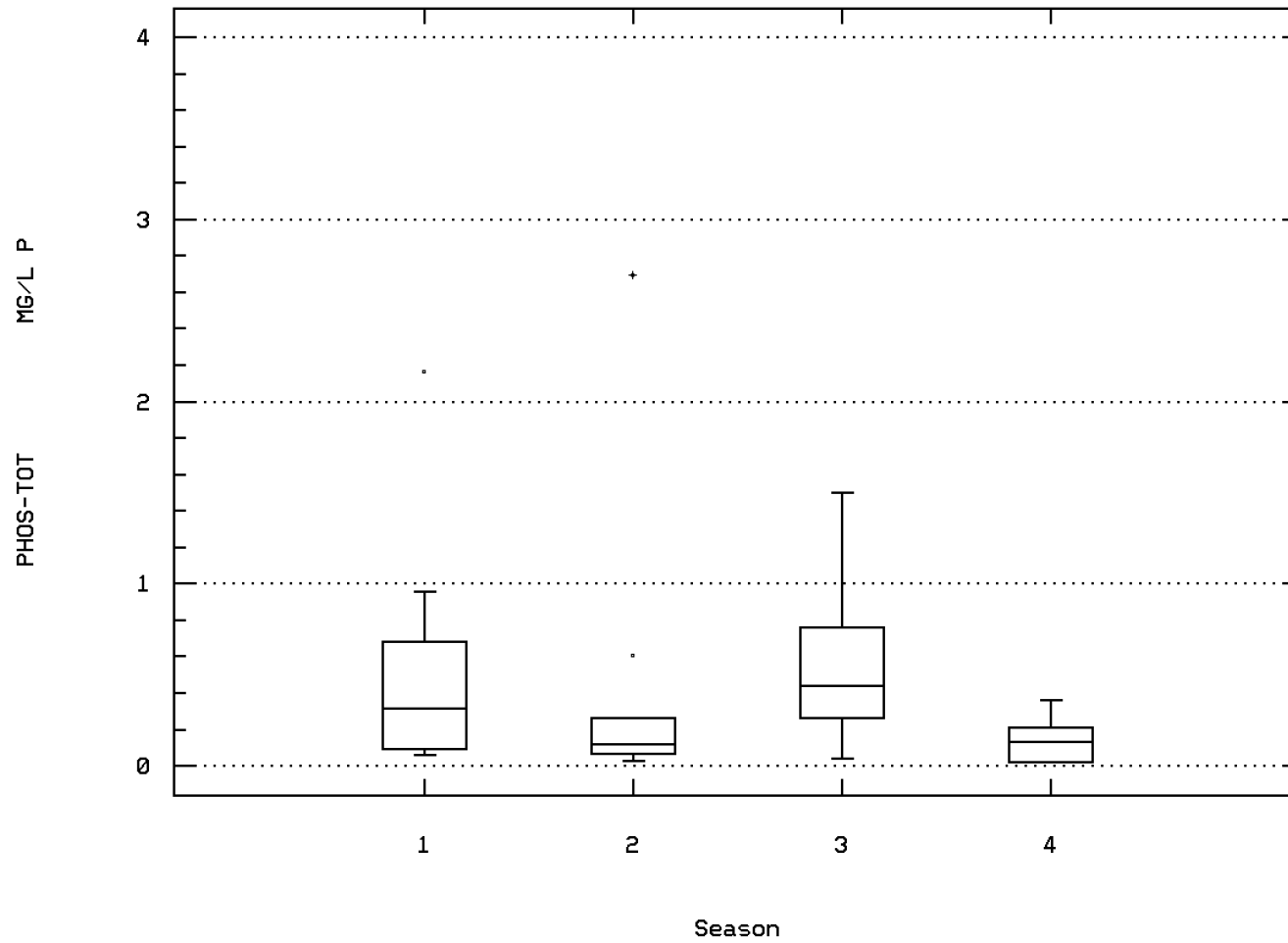
NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)



GREEN R AT MINERAL BOTTOMS

Station: CANY0291 Parameter Code: 00665

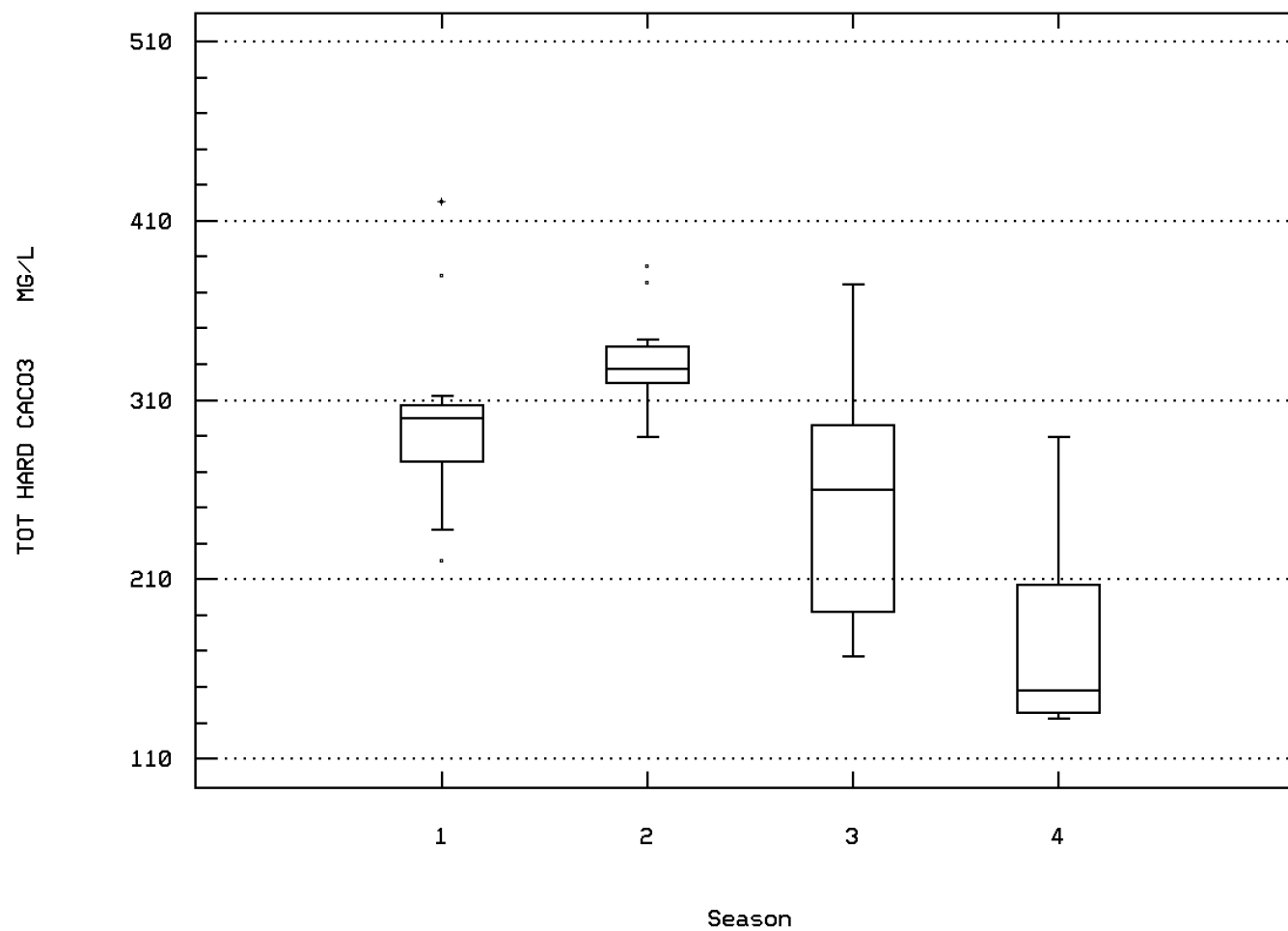
PHOSPHORUS, TOTAL (MG/L AS P)



GREEN R AT MINERAL BOTTOMS

Station: CANY0291 Parameter Code: 00900

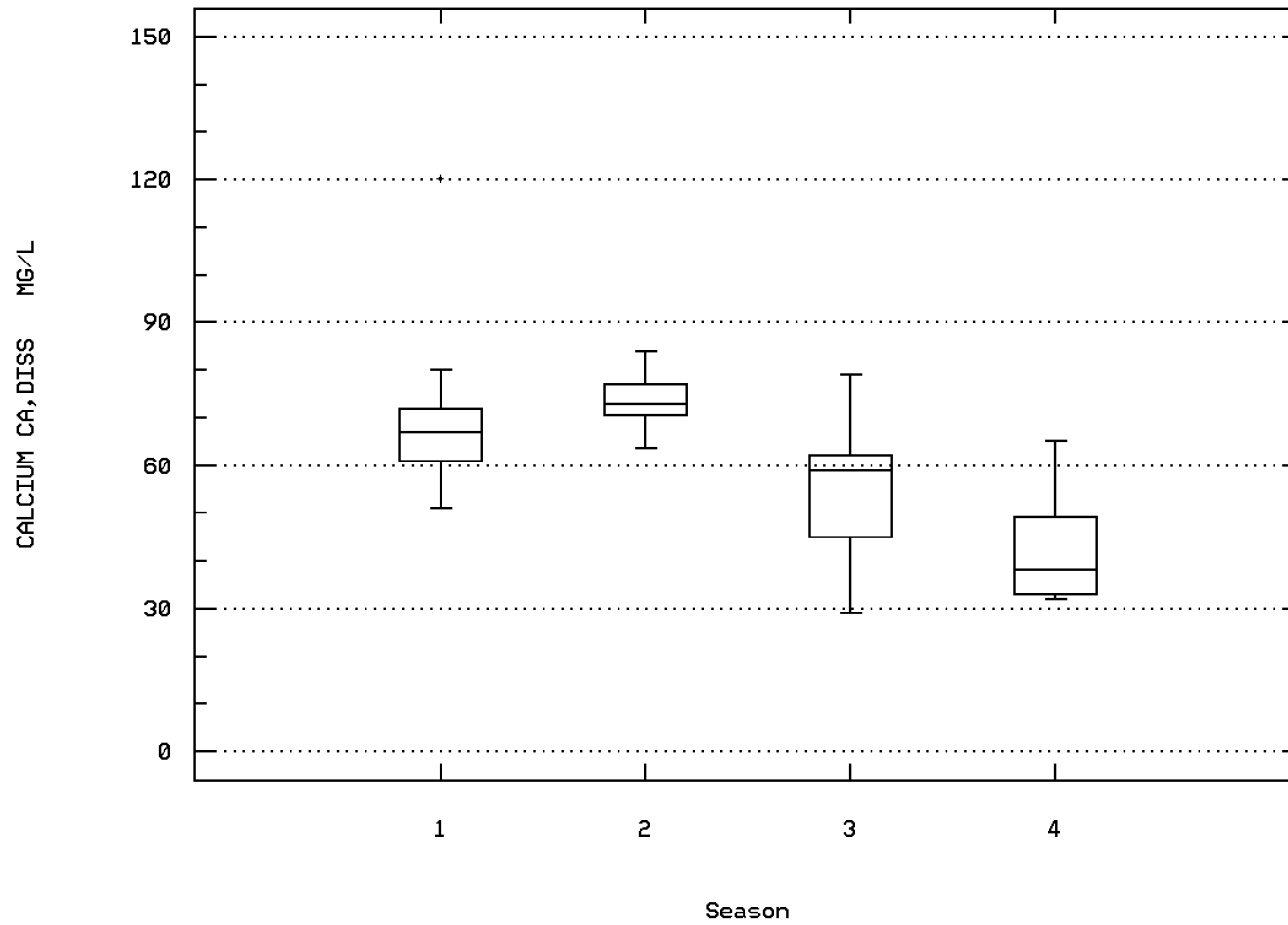
HARDNESS, TOTAL (MG/L AS CaCO3)



GREEN R AT MINERAL BOTTOMS

Station: CANY0291 Parameter Code: 00915

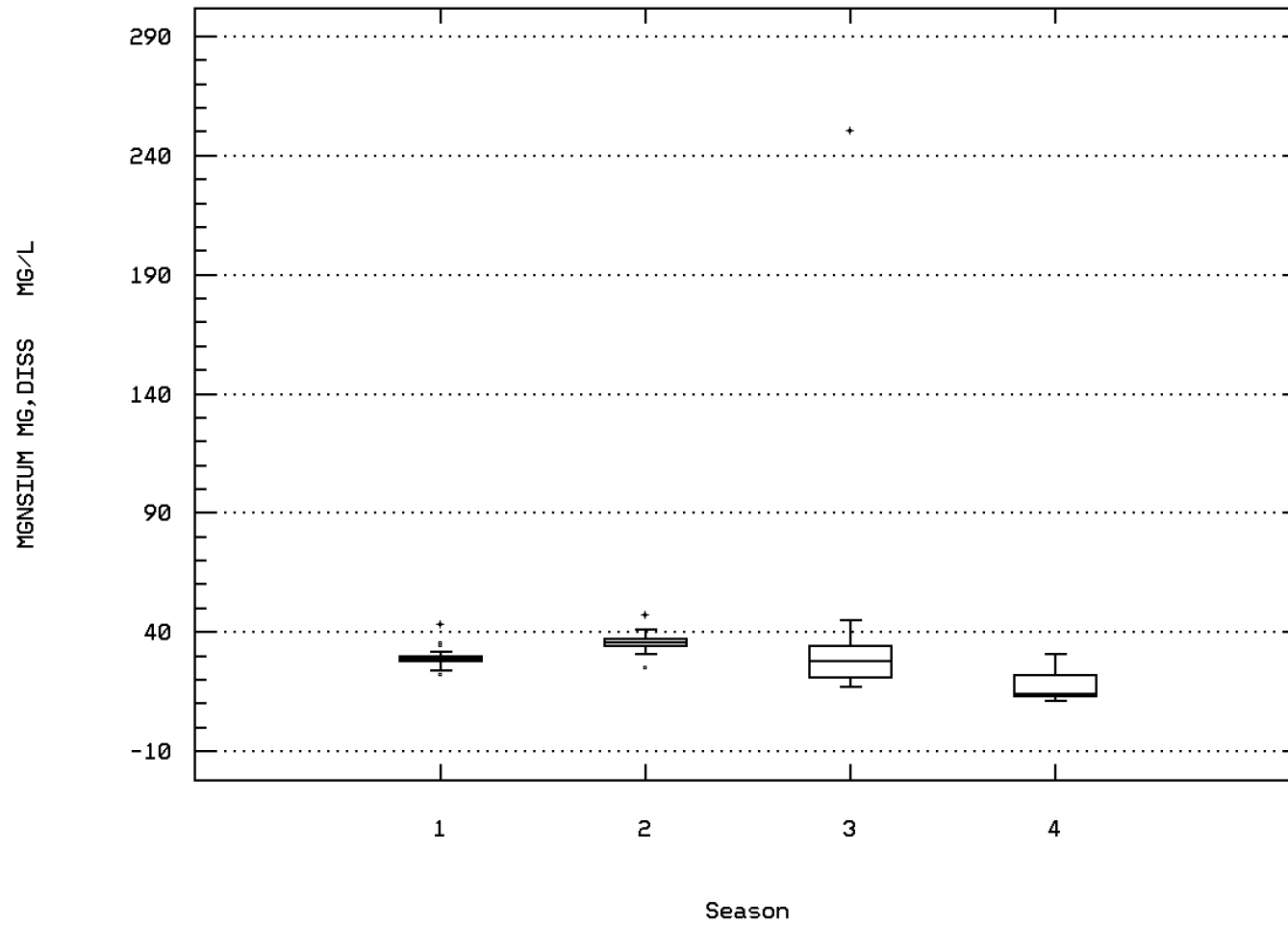
CALCIUM, DISSOLVED (MG/L AS CA)



GREEN R AT MINERAL BOTTOMS

Station: CANY0291 Parameter Code: 00925

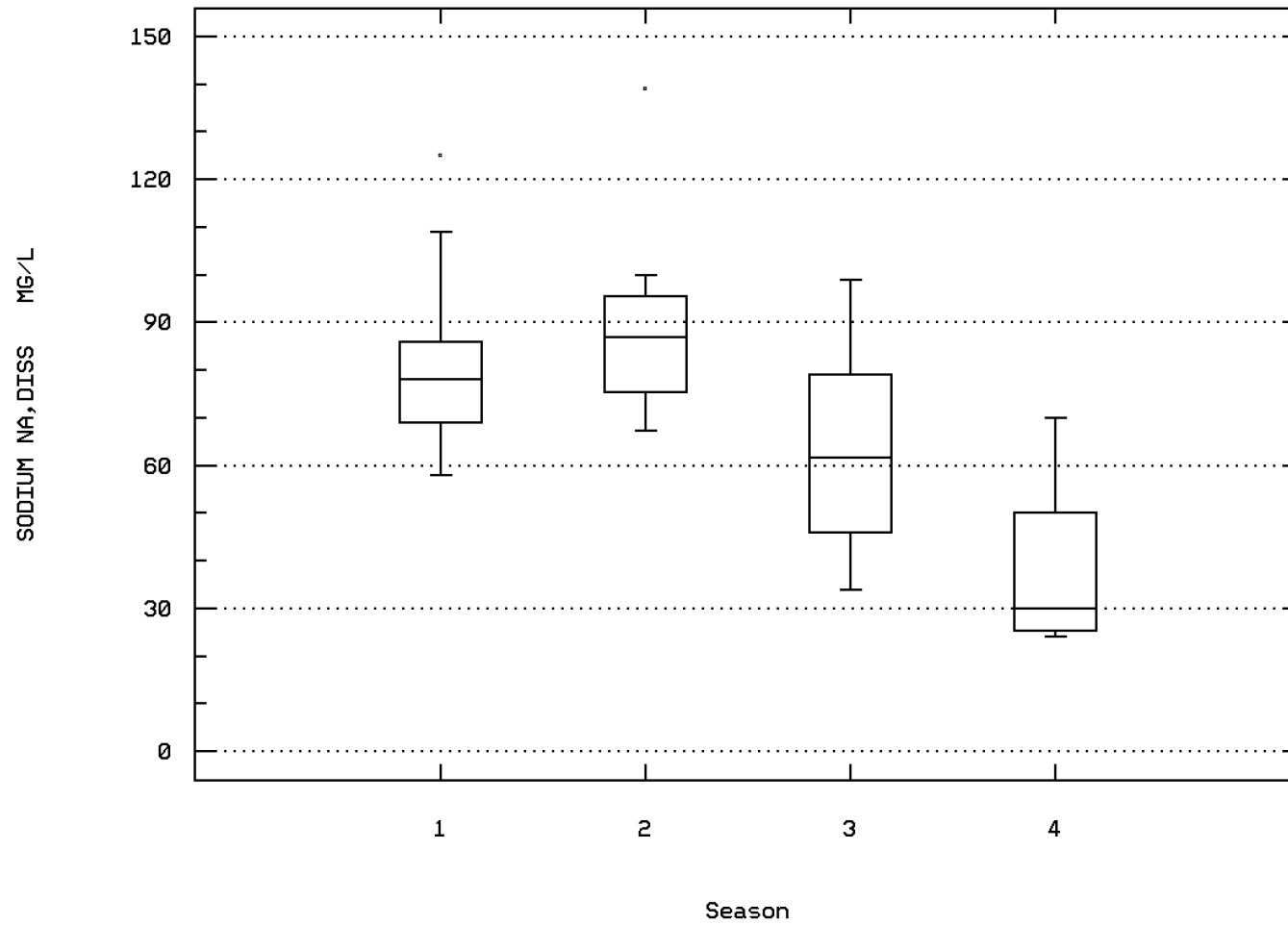
MAGNESIUM, DISSOLVED (MG/L AS MG)



GREEN R AT MINERAL BOTTOMS

Station: CANY0291 Parameter Code: 00930

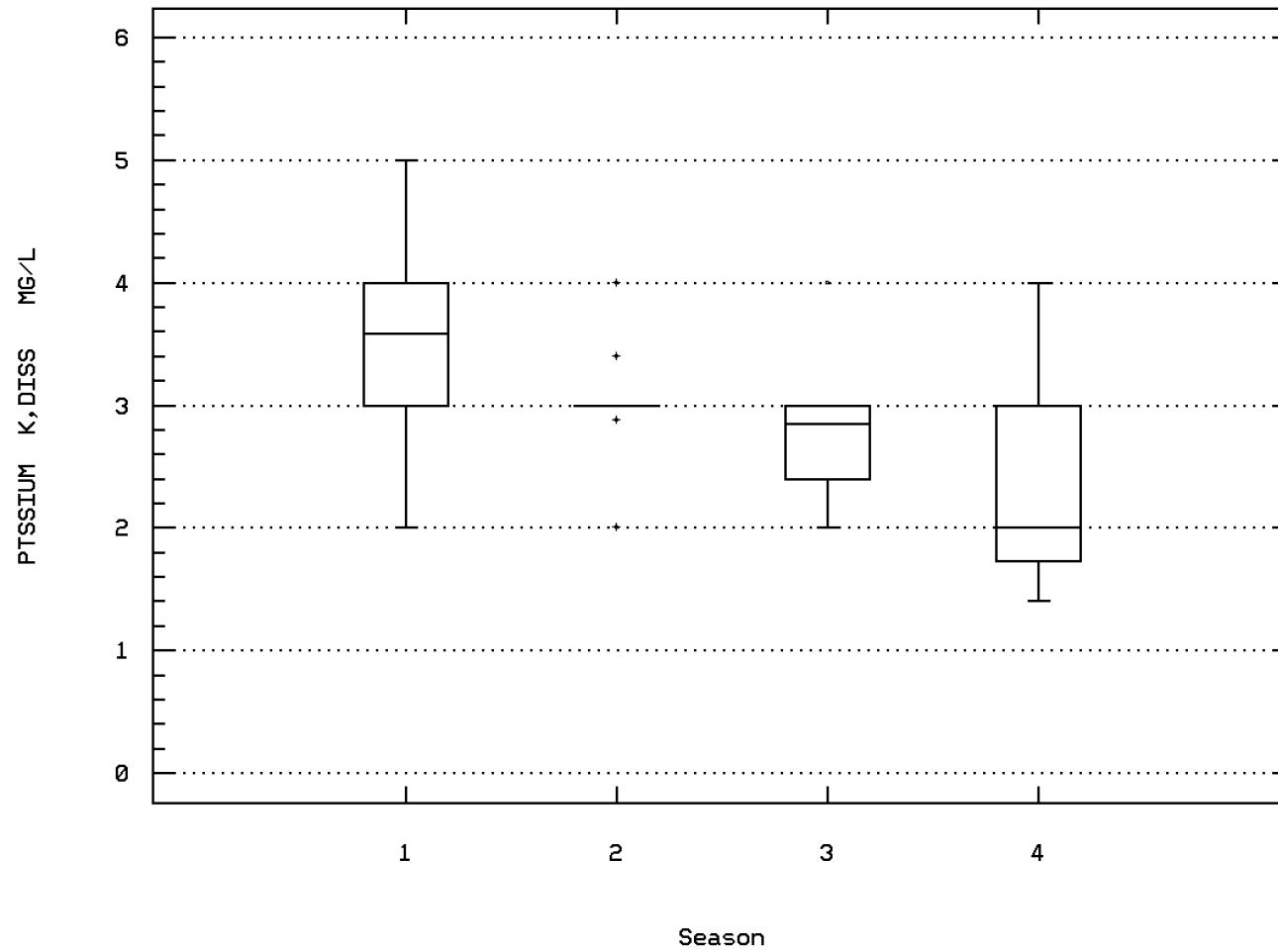
SODIUM, DISSOLVED (MG/L AS NA)



GREEN R AT MINERAL BOTTOMS

Station: CANY0291 Parameter Code: 00935

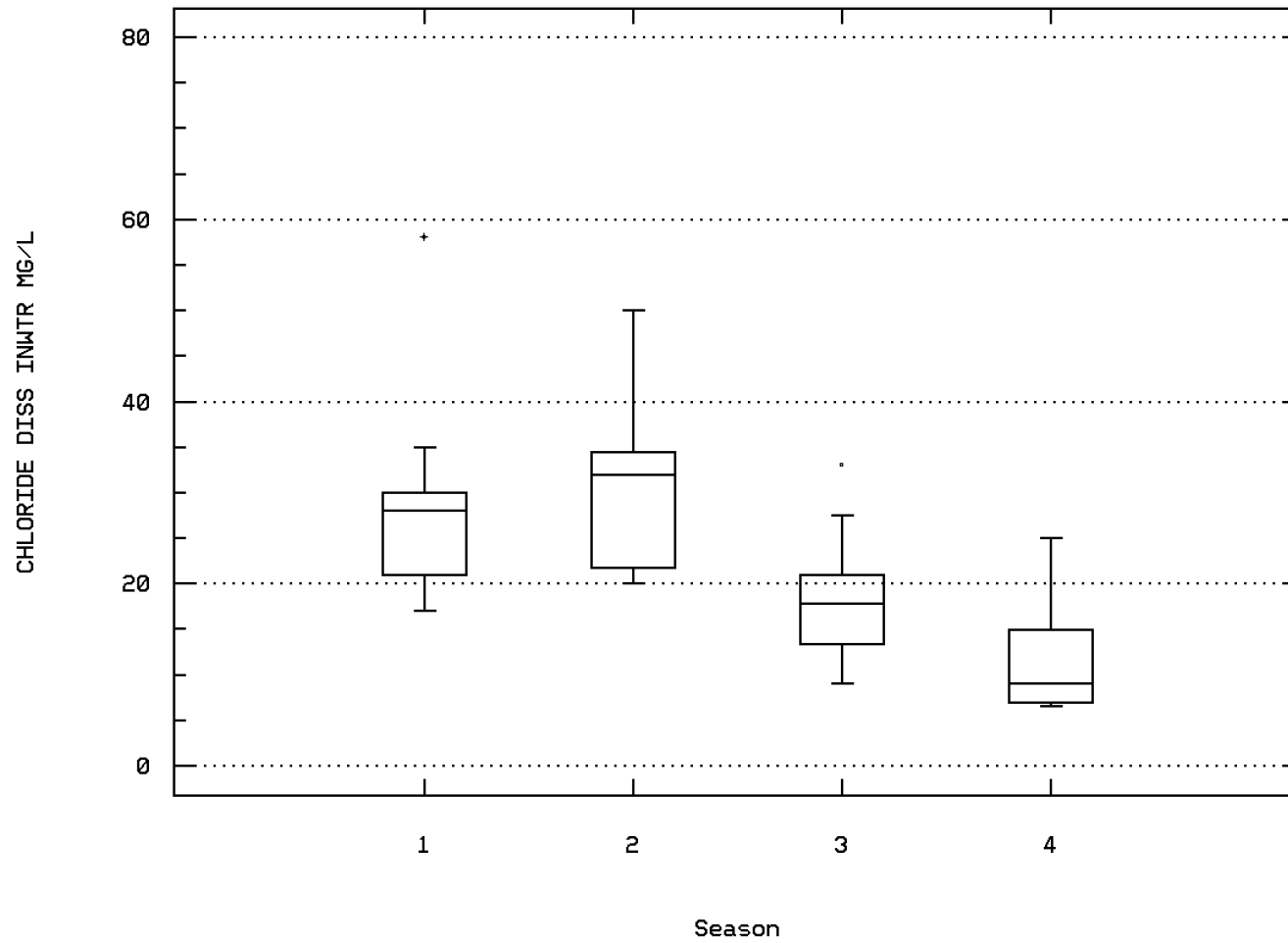
POTASSIUM, DISSOLVED (MG/L AS K)



GREEN R AT MINERAL BOTTOMS

Station: CANY0291 Parameter Code: 00941

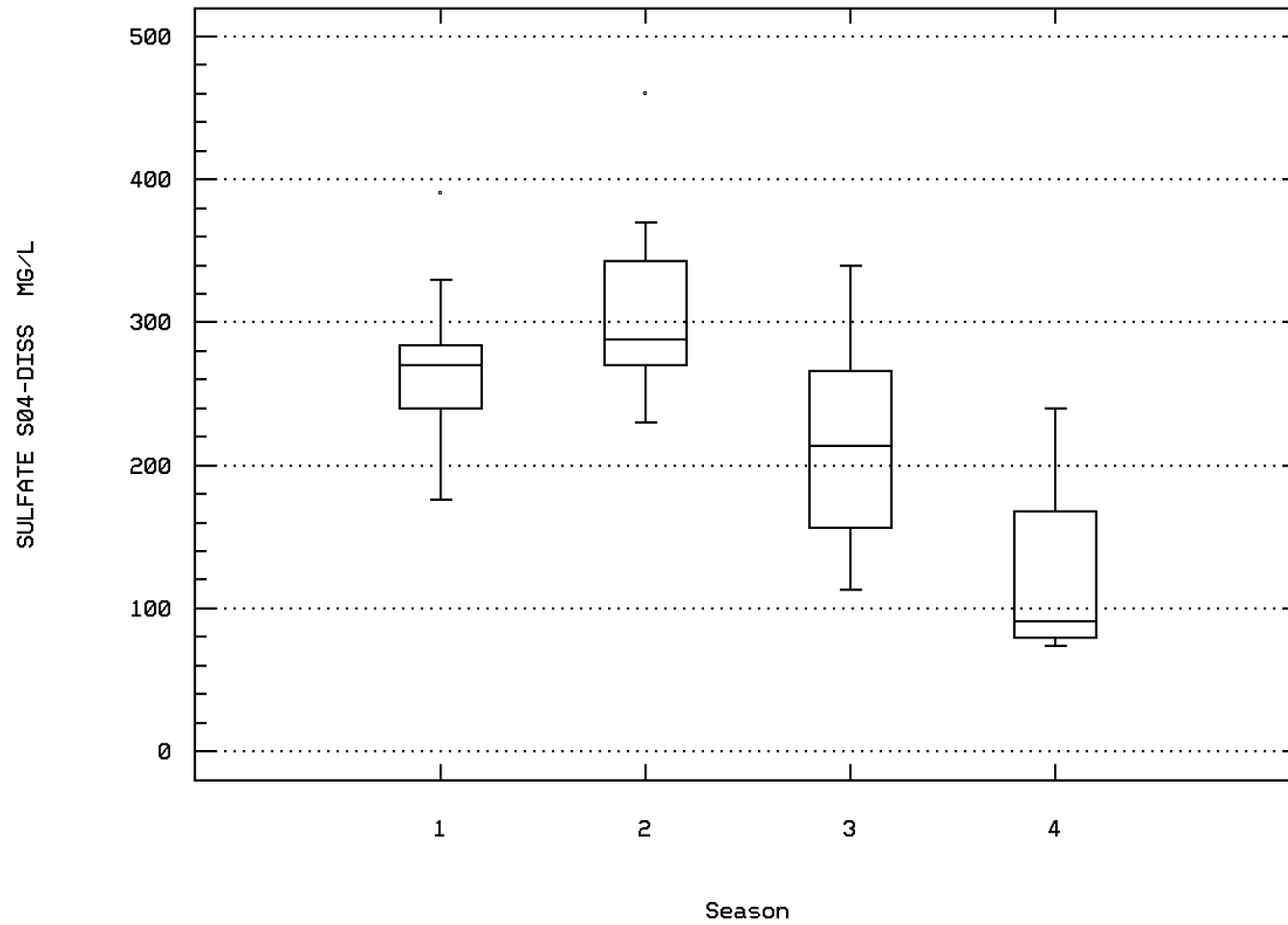
CHLORIDE, DISSOLVED IN WATER



GREEN R AT MINERAL BOTTOMS

Station: CANY0291 Parameter Code: 00946

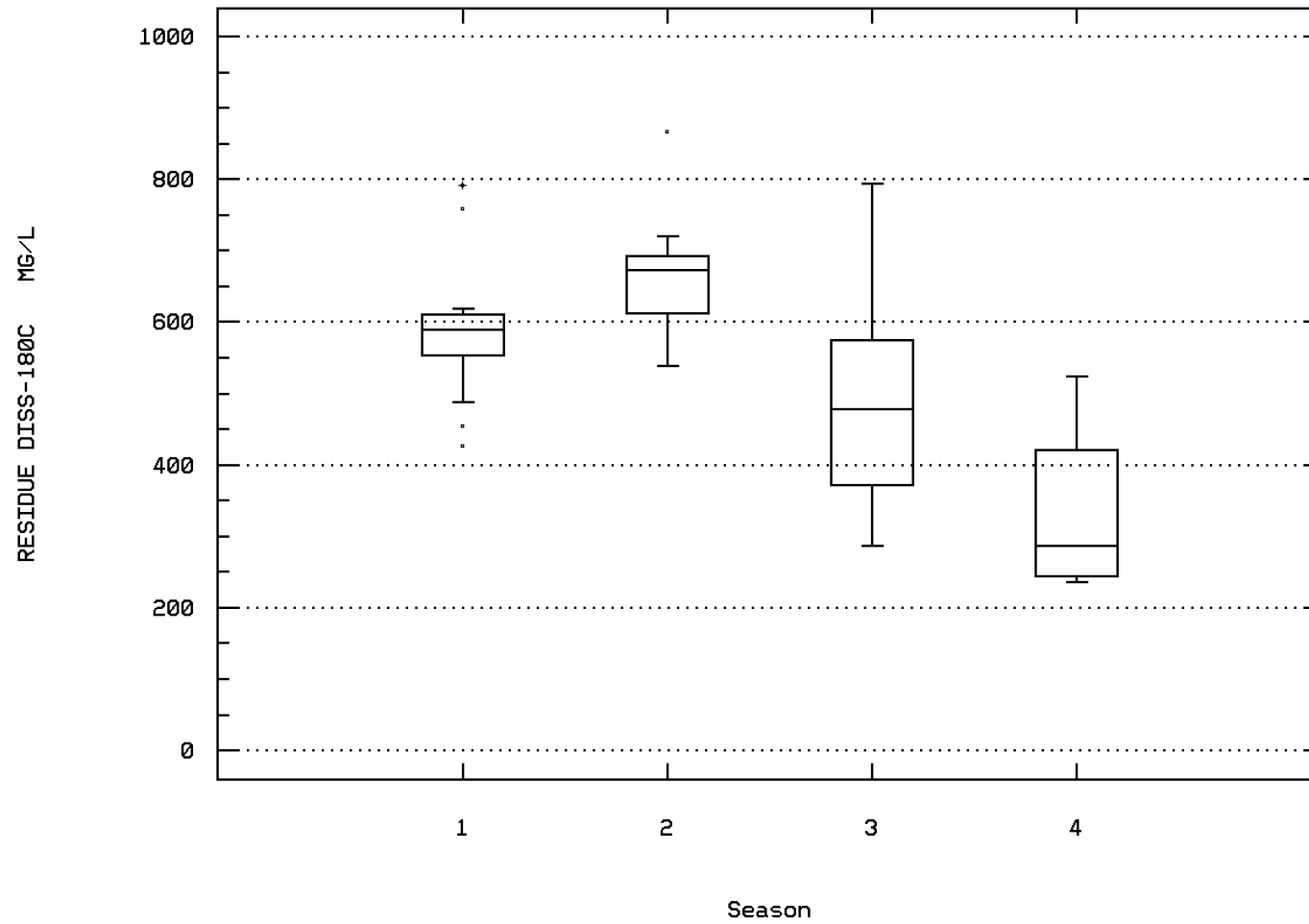
SULFATE, DISSOLVED (MG/L AS S04)



GREEN R AT MINERAL BOTTOMS

Station: CANY0291 Parameter Code: 70300

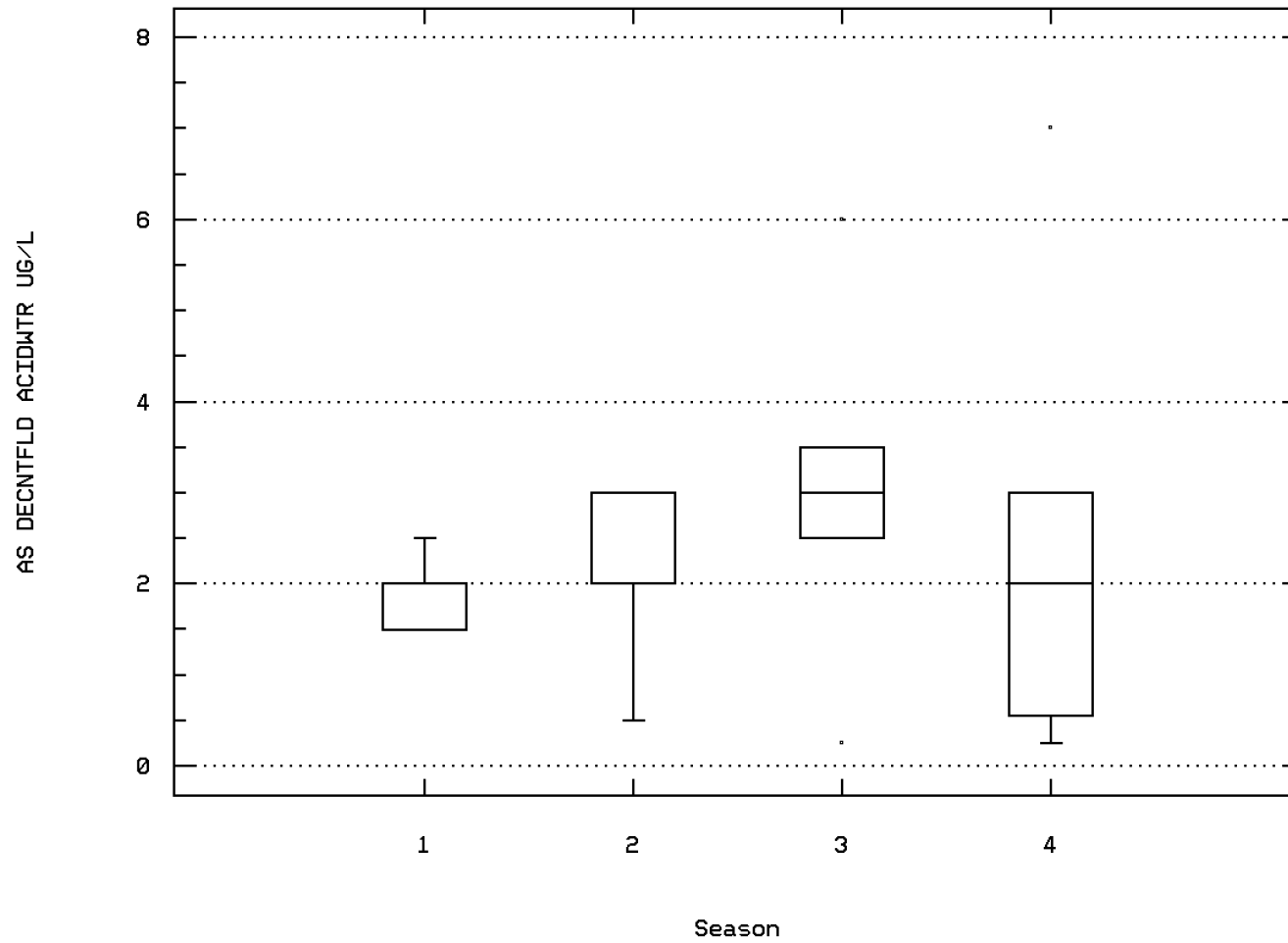
RESIDUE, TOTAL FILTRABLE (DRIED AT 180C)



GREEN R AT MINERAL BOTTOMS

Station: CANY0291 Parameter Code: 82702

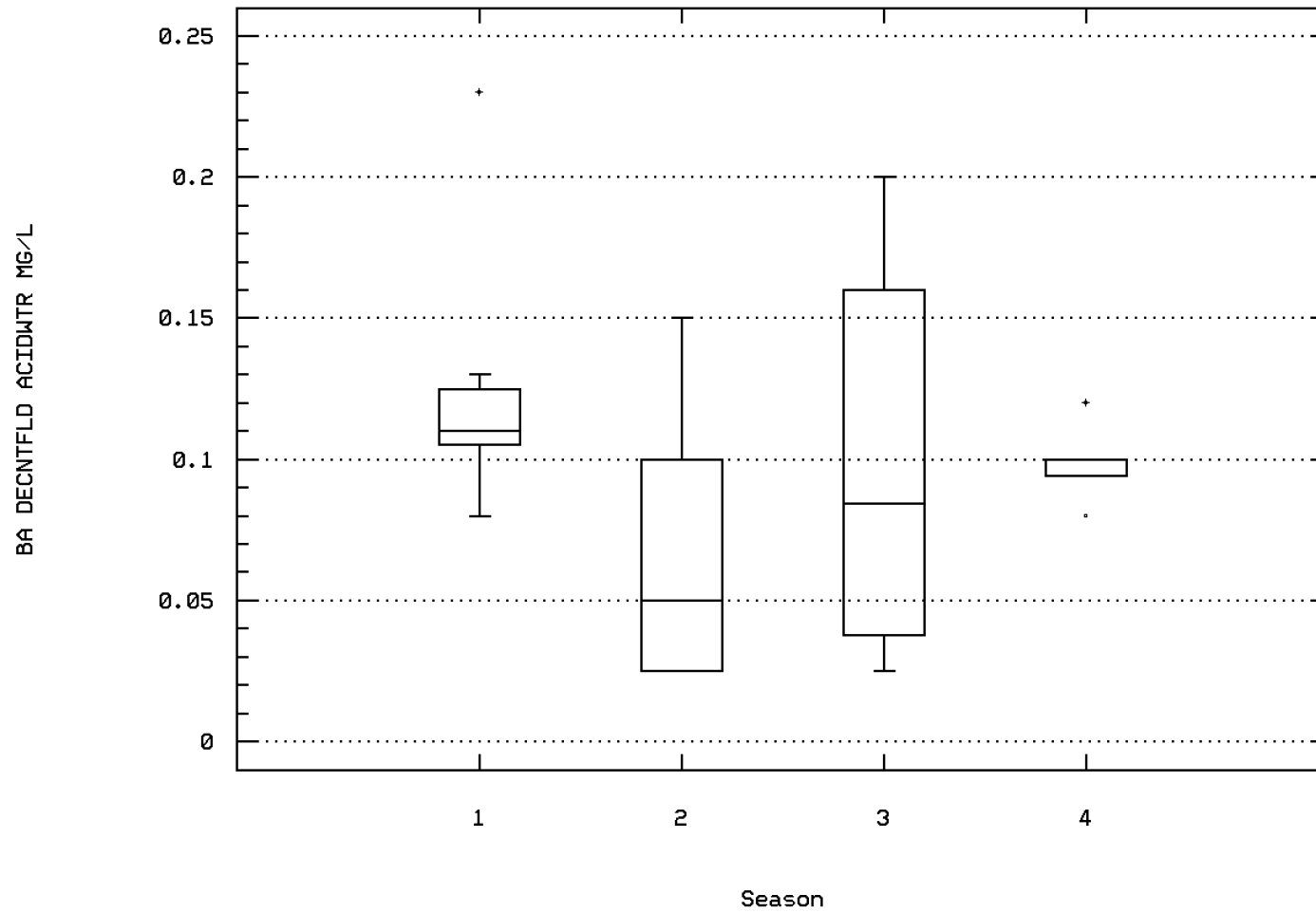
ARSENIC, FIELD ACIDIFIED, DECANTED, WAT



GREEN R AT MINERAL BOTTOMS

Station: CANY0291 Parameter Code: 82703

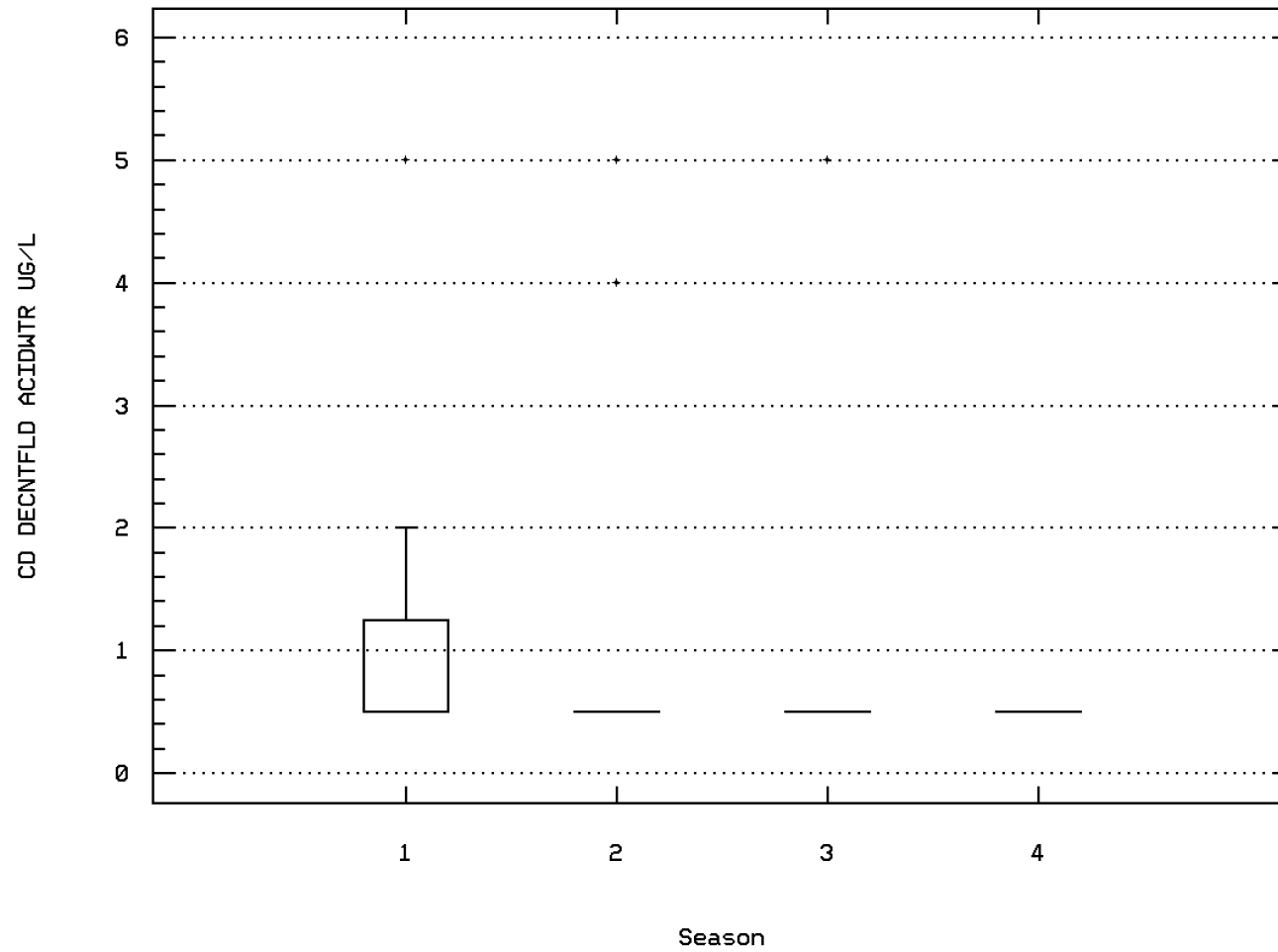
BARIUM, FIELD ACIDIFIED, DECANTED, WATE



GREEN R AT MINERAL BOTTOMS

Station: CANY0291 Parameter Code: 82705

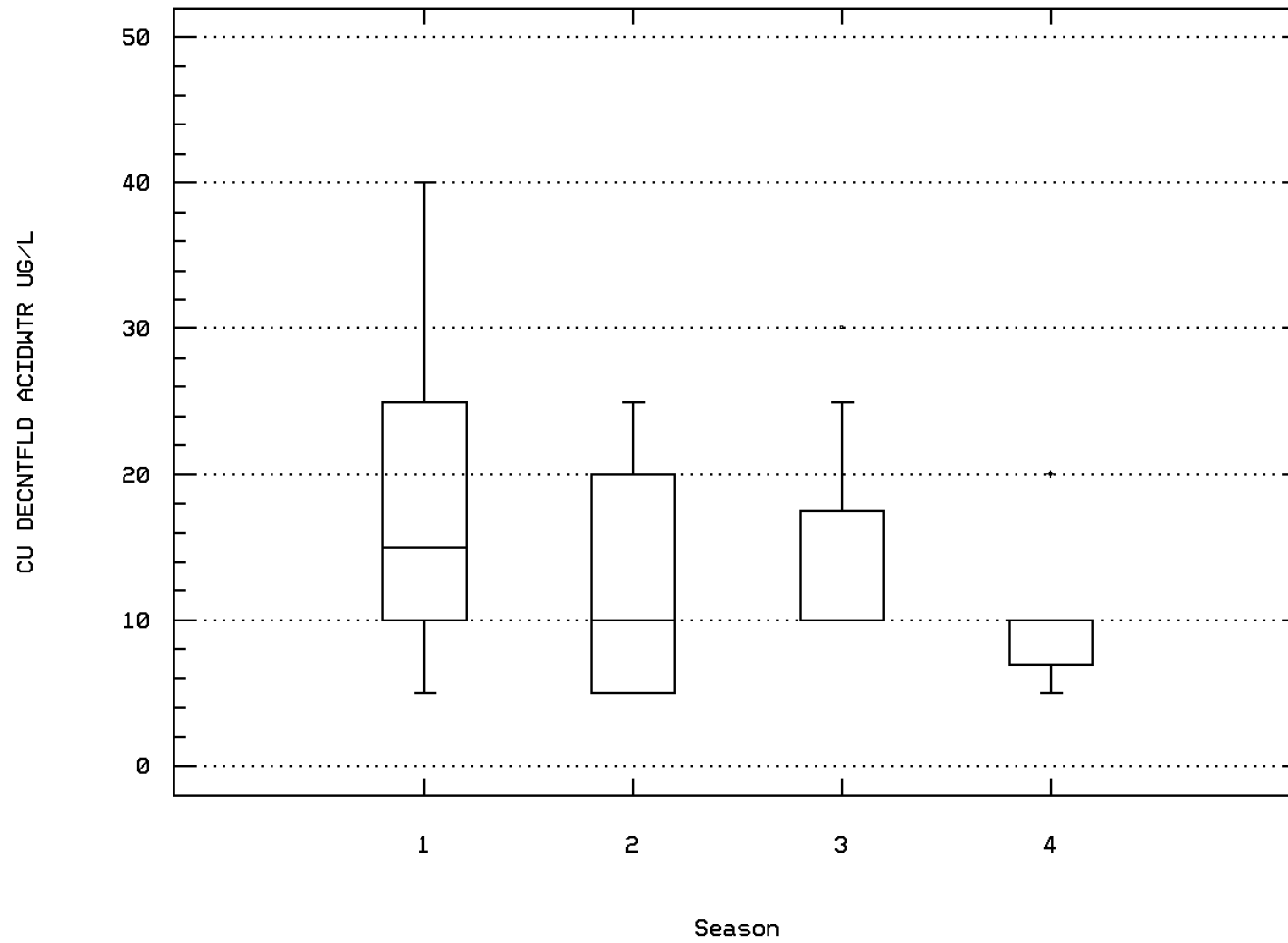
CADMIUM, FIELD ACIDIFIED, DECANTED, WAT



GREEN R AT MINERAL BOTTOMS

Station: CANY0291 Parameter Code: 82708

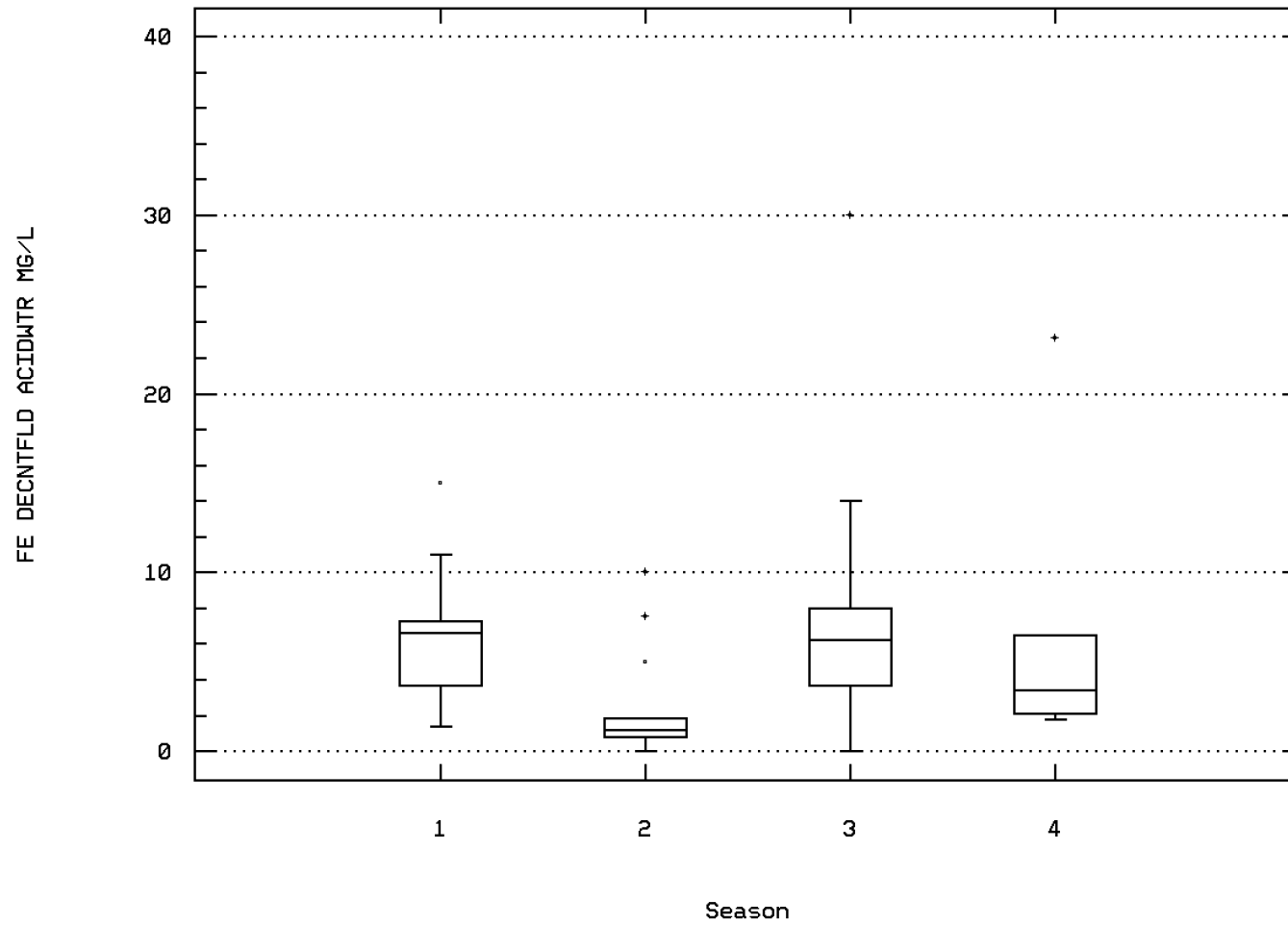
COPPER, FIELD ACIDIFIED, DECANTED, WATE



GREEN R AT MINERAL BOTTOMS

Station: CANY0291 Parameter Code: 82710

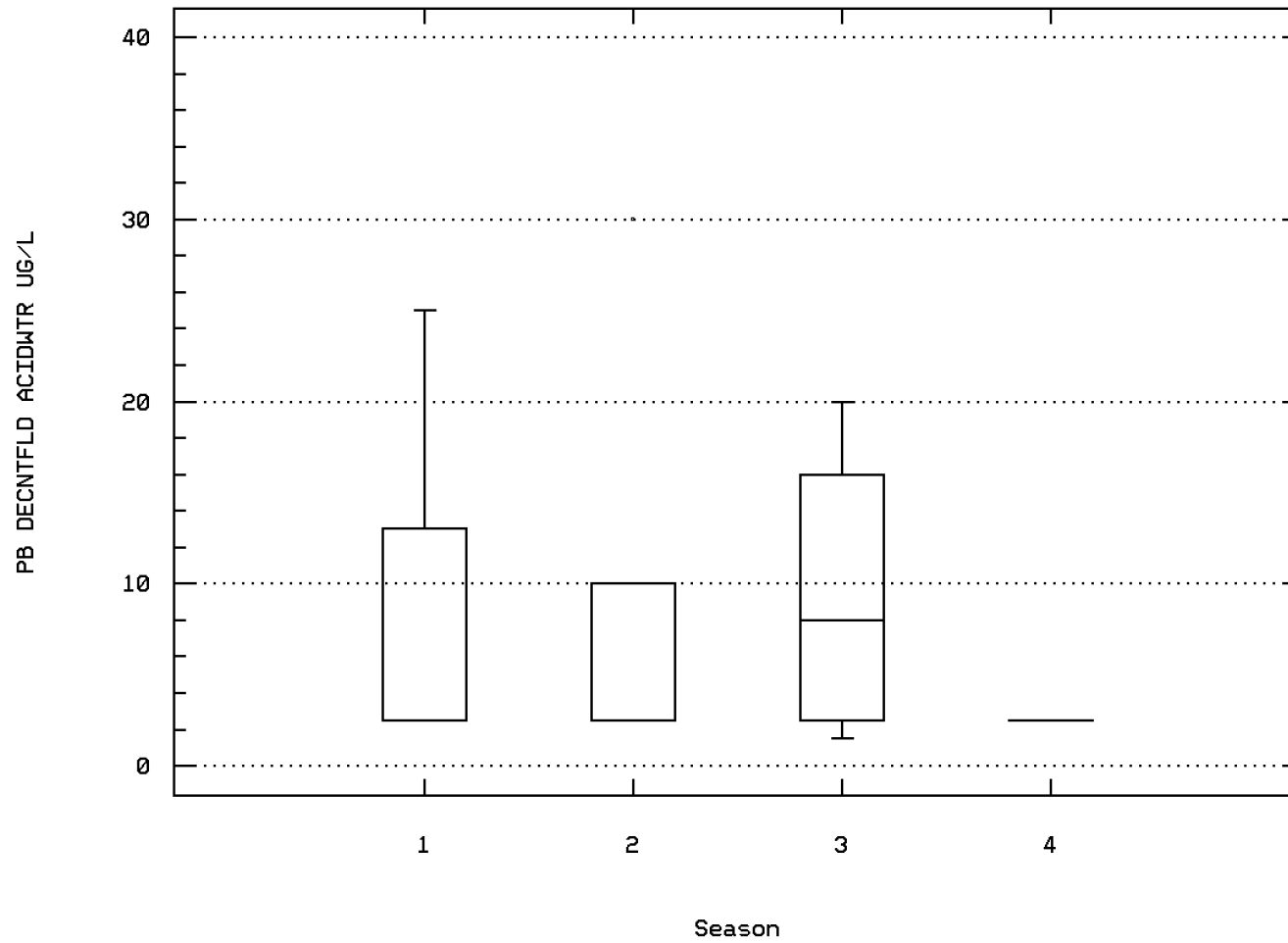
IRON, FIELD ACIDIFIED, DECANTED, WATER



GREEN R AT MINERAL BOTTOMS

Station: CANY0291 Parameter Code: 82711

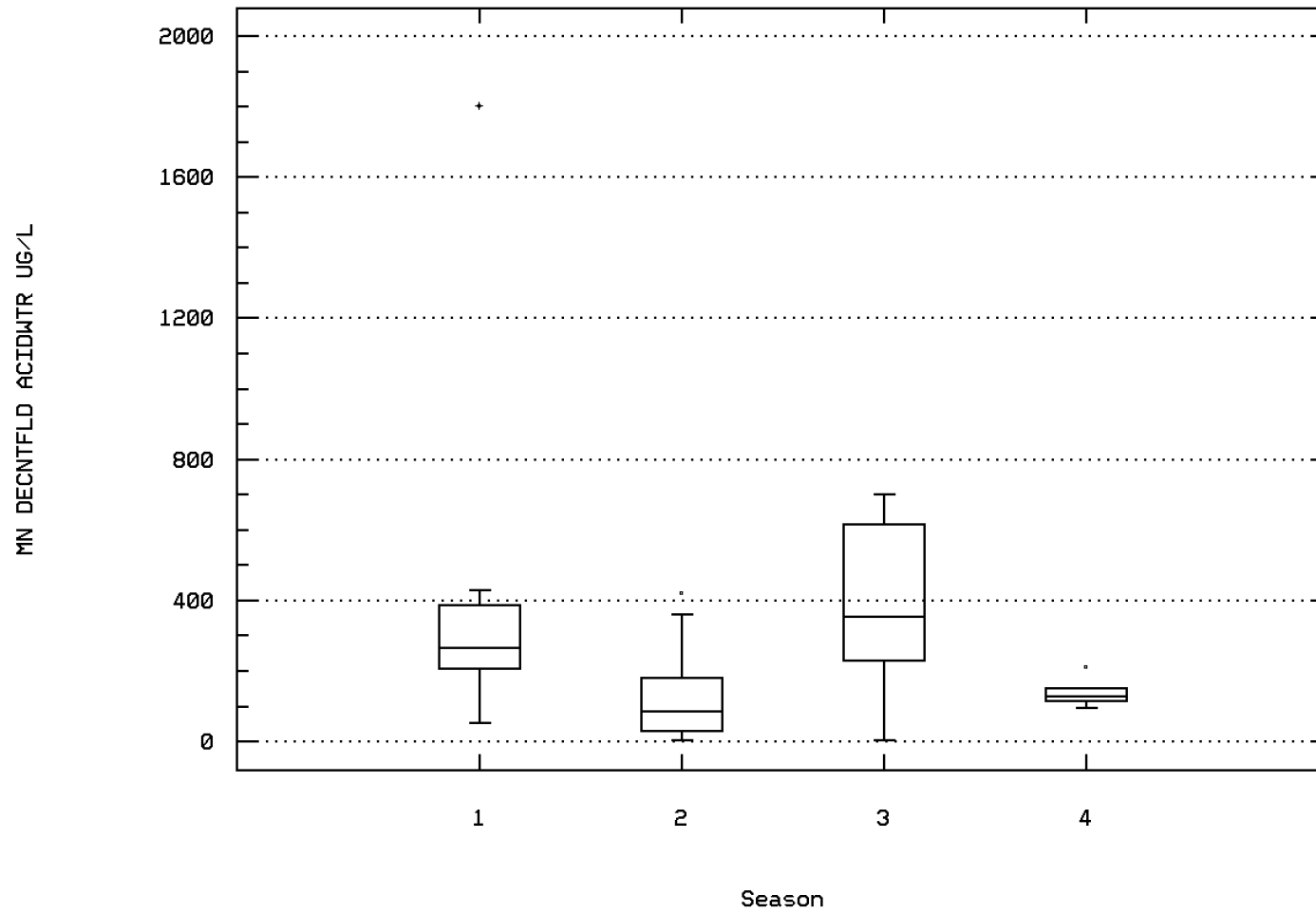
LEAD, FIELD ACIDIFIED, DECANTED, WATER



GREEN R AT MINERAL BOTTOMS

Station: CANY0291 Parameter Code: 82712

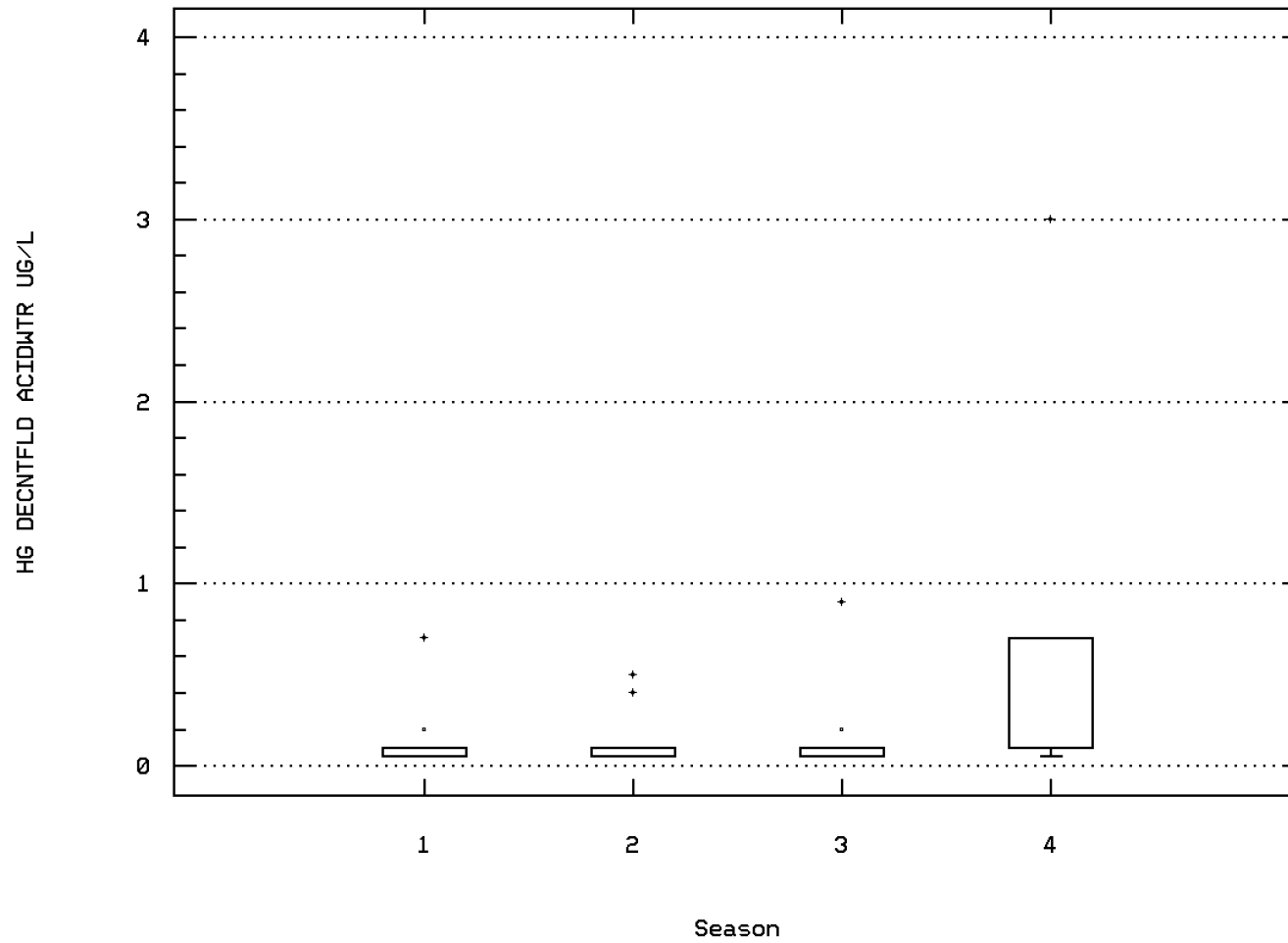
MANGANESE, FIELD ACIDIFIED, DECANTED, W



GREEN R AT MINERAL BOTTOMS

Station: CANY0291 Parameter Code: 82713

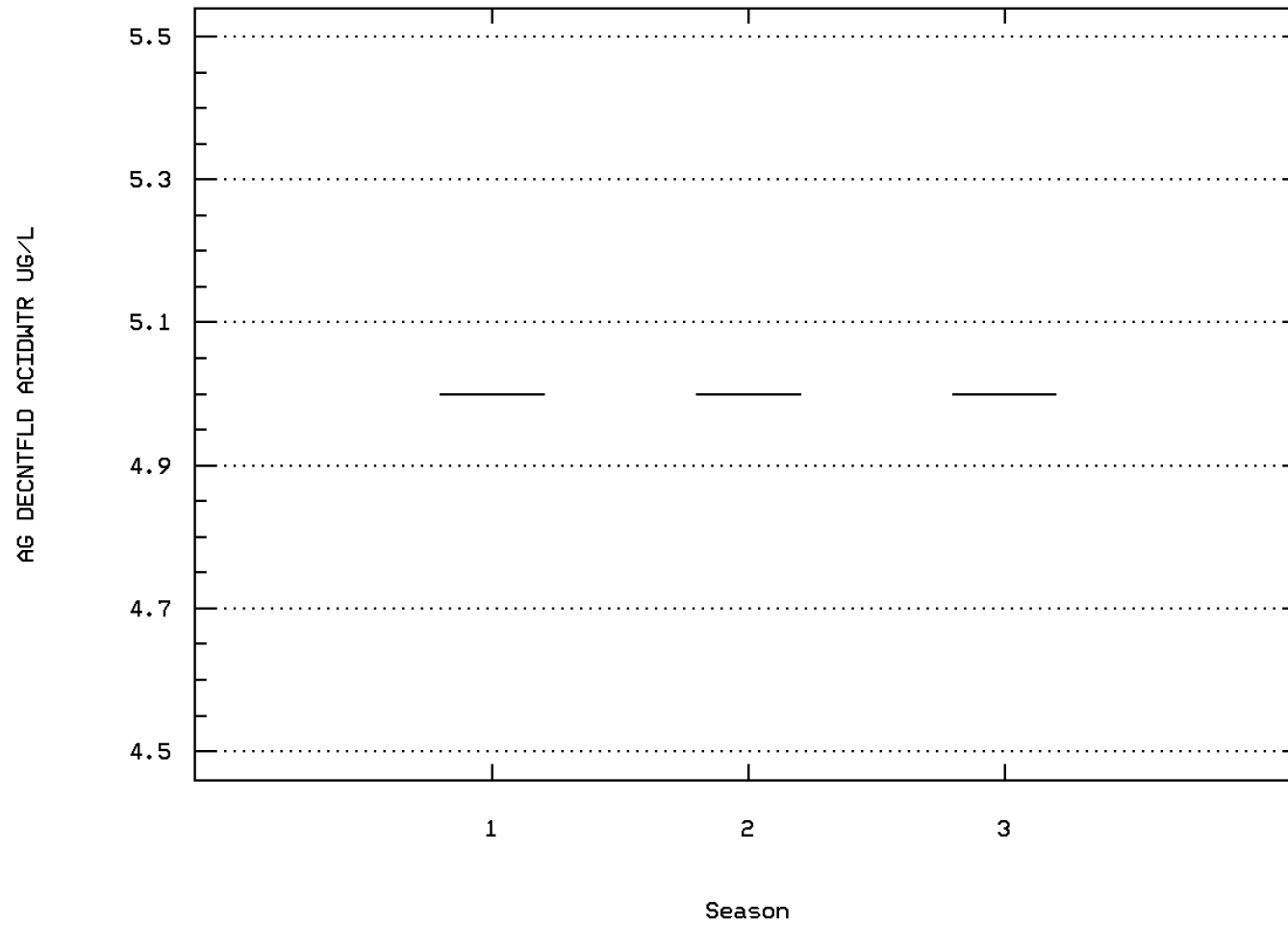
MERCURY, FIELD ACIDIFIED, DECANTED, WAT



GREEN R AT MINERAL BOTTOMS

Station: CANY0291 Parameter Code: 82716

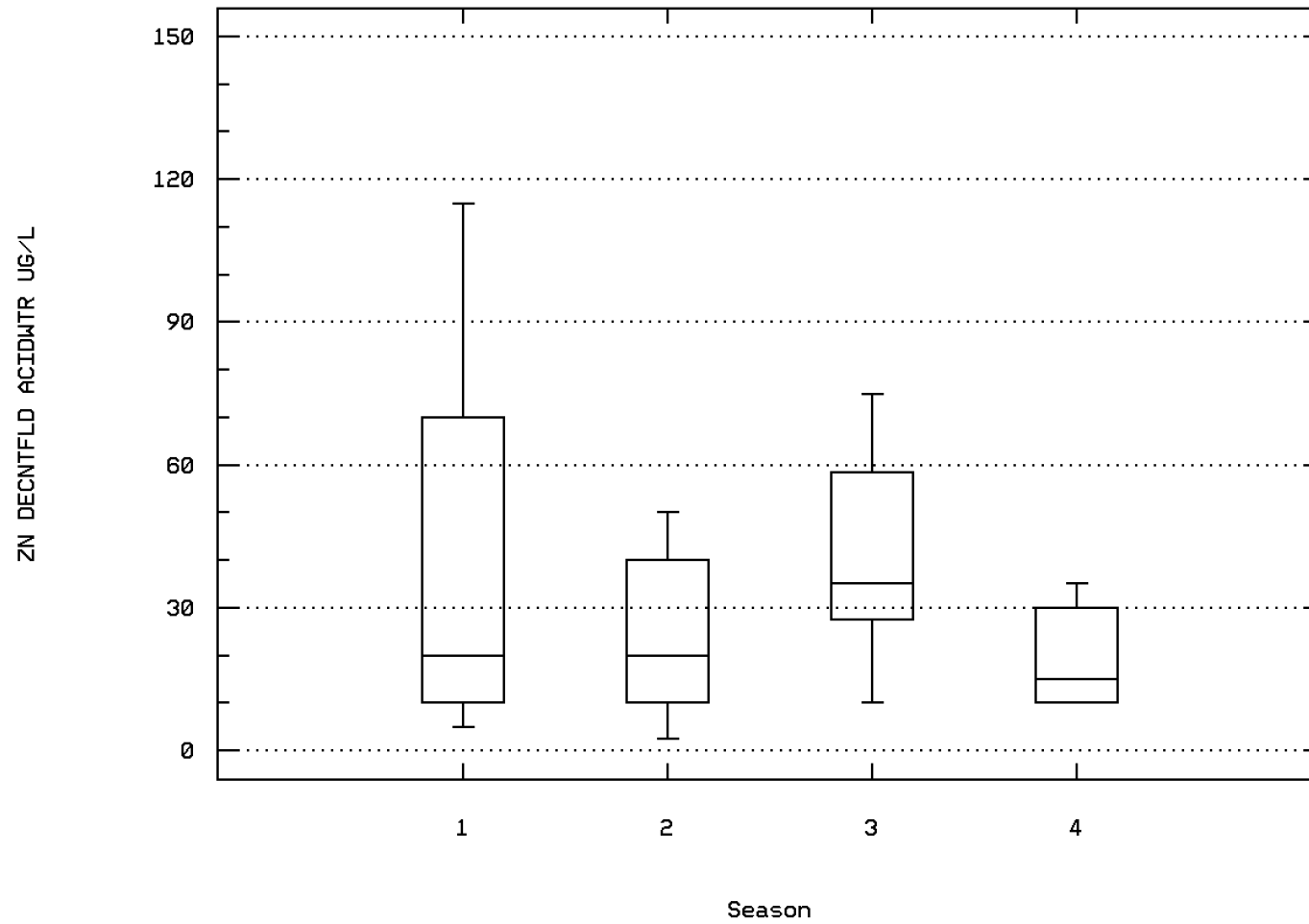
SILVER, FIELD ACIDIFIED, DECANTED, WATE



GREEN R AT MINERAL BOTTOMS

Station: CANY0291 Parameter Code: 82719

ZINC, FIELD ACIDIFIED, DECANTED, WATER



GREEN R AT MINERAL BOTTOMS

Station Inventory for Station: CANY0292

NPS Station ID: CANY0292 Location: MINERAL BOTTOM AT THE BOAT RAMP Station Type: /TYP/AMBNT/STREAM RMI-Indexes: RMI-Miles: HUC: 14060008 Major Basin: COLORADO RIVER Minor Basin: GREEN RIVER RF1 Index: 14060008 RF3 Index: 14070004002901.17 Description: THE STATION IS LOCATED ON THE BOWKNOT BEND UT 7.5 MINUTE SERIES (TOPO.) QUADRANGLE. THE SITE IS AT MINERAL BOTTOM AT THE BOAT RAMP AND IS OUTSIDE OF CANYONLANDS NATIONAL PARK. DATA ARE FROM THE REPORT "ARCHES AND CANYONLANDS NATIONAL PARK AQUATIC STUDY" BY J. CONNOR (NPS) AND W.G. KEPNER (BLM) (1983). THE PURPOSE OF THE STUDY WAS TO MONITOR THE IMPACTS BY VISITORS IN THE BACKCOUNTRY TO WATER SOURCES IN THE PARKS. THE STUDY WAS A JOINT EFFORT BETWEEN THE NATIONAL PARK SERVICE AND THE BUREAU OF LAND MANAGEMENT. FOR MORE INFORMATION CONTACT THE CHIEF OF RESOURCES AT CANYONLANDS NATIONAL PARK; 2282 WEST RESOURCE BLVD.; MOAB UT 84532 (TEL. 801-259-7164). DATA WERE PROCESSED AND UPLOADED TO STORET BY LISA DUMMER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DR. SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).	LAT/LON: 38.531031/-110.001892 Depth of Water: 0 Elevation: 4000 RF1 Mile Point: 0.000 RF3 Mile Point: 2.36	Agency: 11NPSWRD FIPS State/County: 49015 UTAH/EMERY STORET Station ID(s): CANY_BLM_MBTM Within Park Boundary: No Aquifer: Water Body Id: ECO Region: Distance from RF1: 0.80 Distance from RF3: 0.11 On/Off RF1: On/Off RF3:

Parameter Inventory for Station: CANY0292

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/01/83-09/01/83	1	23.8	23.8	23.8	23.8	0.	0.	**	**	**	**
00094 SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	09/01/83-09/01/83	1	833.	833.	833.	833.	0.	0.	**	**	**	**
00299 OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/01/83-09/01/83	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00406 PH, FIELD, STANDARD UNITS SU	09/01/83-09/01/83	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS	09/01/83-09/01/83	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/01/83-09/01/83	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	09/01/83-09/01/83	1	140.	140.	140.	140.	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	09/01/83-09/01/83	1	440.	440.	440.	440.	0.	0.	**	**	**	**
00945 SULFATE, TOTAL (MG/L AS SO4)	09/01/83-09/01/83	1	294.	294.	294.	294.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0292

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						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									
00945 SULFATE, TOTAL (AS SO4)	Drinking Water	250.	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: CANY0293

NPS Station ID: CANY0293
 Location: SLBH502R
 Station Type: /TYPA/AMBNT/SPRING
 RMI-Indexes:
 RMI-Miles:
 HUC: 14060009
 Major Basin: COLORADO RIVER
 Minor Basin: GREEN RIVER
 RF1 Index: 14060009
 RF3 Index: 14070004002901.17

LAT/LON: 38.541699/-110.129393

Depth of Water: 0
 Elevation: 0

RF1 Mile Point: 0.000
 RF3 Mile Point: 2.36

Agency: 11NPSWRD
 FIPS State/County: 49015 UTAH/EMERY
 STORET Station ID(s): GLCA_NURE_10 /5079372
 Within Park Boundary: No

Date Created: 01/30/99

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.80
 Distance from RF3: 0.11

On/Off RF1:
 On/Off RF3:

Description:
 THE STATION IS LOCATED ON THE KEG KNOLL UTAH 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT A SPRING AND IS OUTSIDE THE GLEN CANYON NATIONAL RECREATION AREA. EACH SAMPLE WAS FILTERED THROUGH A LESS THAN OR EQUAL TO 0.8 UM FILTER 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 STREAM SEDIMENT, SOIL, SURFACE WATER, AND GROUND WATER DATA. THE "UNIQID" ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "SRLID" 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 LISA DUMMER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: CANY0293

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/17/79-05/17/79	1	21.	21.	21.	21.	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/17/79-05/17/79	1	500.	500.	500.	500.	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	05/17/79-05/17/79	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	05/17/79-05/17/79	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/17/79-05/17/79	1	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	05/17/79-05/17/79	1	180.	180.	180.	180.	0.	0.	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	05/17/79-05/17/79	1	30.5	30.5	30.5	30.5	0.	0.	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS NA)	05/17/79-05/17/79	1	17.95	17.95	17.95	17.95	0.	0.	**	**	**	**
01085 VANADIUM, DISSOLVED (UG/L AS V)	05/17/79-05/17/79	1	21.	21.	21.	21.	0.	0.	**	**	**	**
22703 URANIUM, NATURAL, DISSOLVED	05/17/79-05/17/79	1	1.721	1.721	1.721	1.721	0.	0.	**	**	**	**
50700 FLUORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	05/17/79-05/17/79	1	266.	266.	266.	266.	0.	0.	**	**	**	**
50760 CHLORINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	05/17/79-05/17/79	1	35400.	35400.	35400.	35400.	0.	0.	**	**	**	**
50761 BROMINE, DISSOLVED, FILTERED WATER SAMPLE UG/L	05/17/79-05/17/79	1	54.7	54.7	54.7	54.7	0.	0.	**	**	**	**
82041 HELIUM, DISSOLVED IN WATER (UG/L AS HE)	05/17/79-05/17/79	1	6000.	6000.	6000.	6000.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0293

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
							Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	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: CANY0294

NPS Station ID: CANY0294
 Location: BARRIER CREEK ABOVE CNFL / GREEN RIVER
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 14060008
 Major Basin:
 Minor Basin:
 RF1 Index:
 RF3 Index: 14060009002510.98
 Description:

LAT/LON: 38.571000/-110.039167

Depth of Water: 0
 Elevation: 0

RF1 Mile Point: 0.000
 RF3 Mile Point: 11.44

Agency: 21UTAH
 FIPS State/County: 49015 UTAH/EMERY
 STORET Station ID(s): 493005
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 2.90
 Distance from RF3: 0.37

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: CANY0294

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/14/92-05/14/92	1	24.5	24.5	24.5	24.5	0.	0.	**	**	**	**
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	10/03/91-05/14/92	2	23.5	23.5	25.	22.	4.5	2.121	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	06/02/89-05/27/94	5	0.	0.02	0.1	0.	0.002	0.045	**	**	**	**
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/03/91-05/14/92	2	4.95	4.95	6.9	3.	7.605	2.758	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/03/91-05/14/92	2	1280.5	1280.5	1480.	1081.	79600.5	282.136	**	**	**	**
00191 HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	10/03/91-05/14/92	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	10/03/91-05/14/92	2	8.25	8.25	8.3	8.2	0.005	0.071	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	10/03/91-05/14/92	2	8.247	8.247	8.3	8.2	0.005	0.071	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/03/91-05/14/92	2	0.006	0.006	0.006	0.005	0.	0.001	**	**	**	**
00405 CARBON DIOXIDE (MG/L AS CO2)	10/03/91-05/14/92	2	5.	5.	6.	4.	2.	1.414	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	10/03/91-05/14/92	2	542.5	542.5	669.	416.	32004.5	178.898	**	**	**	**
00440 BICARBONATE ION (MG/L AS HCO3)	10/03/91-05/14/92	2	662.	662.	816.	508.	47432.	217.789	**	**	**	**
00445 CARBONATE ION (MG/L AS CO3)	10/03/91-05/14/92	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/03/91-05/14/92	2	10.5	10.5	18.	3.	112.5	10.607	**	**	**	**
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/03/91-05/14/92	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/03/91-05/14/92	2	0.235	0.235	0.29	0.18	0.006	0.078	**	**	**	**
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/03/91-10/03/91	1	0.256	0.256	0.256	0.256	0.	0.	**	**	**	**
00631 NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/14/92-05/14/92	1	0.027	0.027	0.027	0.027	0.	0.	**	**	**	**
00665 PHOSPHORUS, TOTAL (MG/L AS P)	10/03/91-05/14/92	2 ##	0.014	0.014	0.023	0.005	0.	0.013	**	**	**	**
00666 PHOSPHORUS, DISSOLVED (MG/L AS P)	05/14/92-05/14/92	1	0.018	0.018	0.018	0.018	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	10/03/91-05/14/92	2	474.05	474.05	559.9	388.2	14740.445	121.41	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	10/03/91-05/14/92	2	32.5	32.5	43.	22.	220.5	14.849	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	10/03/91-05/14/92	2	95.5	95.5	110.	81.	420.5	20.506	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	10/03/91-05/14/92	2	90.5	90.5	110.	71.	760.5	27.577	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	10/03/91-05/14/92	2	13.5	13.5	15.	12.	4.5	2.121	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	10/03/91-05/14/92	2	39.9	39.9	48.7	31.1	154.88	12.445	**	**	**	**
00946 SULFATE, DISSOLVED (MG/L AS SO4)	10/03/91-05/14/92	2	184.77	184.77	201.	168.54	526.826	22.953	**	**	**	**
01000 ARSENIC, DISSOLVED (UG/L AS AS)	05/14/92-05/14/92	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01005 BARIUM, DISSOLVED (UG/L AS Ba)	05/14/92-05/14/92	1	280.	280.	280.	280.	0.	0.	**	**	**	**
01025 CADMIUM, DISSOLVED (UG/L AS Cd)	05/14/92-05/14/92	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01030 CHROMIUM, DISSOLVED (UG/L AS Cr)	05/14/92-05/14/92	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01040 COPPER, DISSOLVED (UG/L AS Cu)	05/14/92-05/14/92	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01046 IRON, DISSOLVED (UG/L AS Fe)	05/14/92-05/14/92	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01049 LEAD, DISSOLVED (UG/L AS Pb)	05/14/92-05/14/92	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01056 MANGANESE, DISSOLVED (UG/L AS Mn)	05/14/92-05/14/92	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
01075 SILVER, DISSOLVED (UG/L AS Ag)	05/14/92-05/14/92	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01090 ZINC, DISSOLVED (UG/L AS Zn)	05/14/92-05/14/92	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01145 SELENIUM, DISSOLVED (UG/L AS Se)	05/14/92-05/14/92	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**

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

Parameter Inventory for Station: CANY0294

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	10/03/91-10/03/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
61027	ANIONS, SUM, TOTAL IN WATER MG/L	10/03/91-05/14/92	2	550.	550.	618.	482.	9248.	96.167	**	**	**
61944	CATIONS, SUM, TOTAL IN WATER, MG/L	10/03/91-05/14/92	2	232.	232.	278.	186.	4232.	65.054	**	**	**
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	10/03/91-05/14/92	2	829.	829.	956.	702.	32258.	179.605	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	05/14/92-05/14/92	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/03/91-10/03/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	10/03/91-10/03/91	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/03/91-10/03/91	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/03/91-10/03/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/03/91-10/03/91	1 ##	10.	10.	10.	10.	0.	0.	**	**	**
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	10/03/91-10/03/91	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/03/91-10/03/91	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/03/91-10/03/91	1	42.	42.	42.	42.	0.	0.	**	**	**
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/03/91-10/03/91	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/03/91-10/03/91	1 ##	1.	1.	1.	1.	0.	0.	**	**	**
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	10/03/91-10/03/91	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: CANY0294

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim. 50.	2	0	0.00	1	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			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water 10.	1	0	0.00	1	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water 10.	1	0	0.00							1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute 860.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water 250.	2	0	0.00	1	0	0.00				1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water 250.	2	0	0.00	1	0	0.00				1	0	0.00			
01000	ARSENIC, DISSOLVED	Fresh Acute 360.	1	0	0.00							1	0	0.00			
		Drinking Water 50.	1	0	0.00							1	0	0.00			
01005	BARIUM, DISSOLVED	Drinking Water 2000.	1	0	0.00							1	0	0.00			
01025	CADMIUM, DISSOLVED	Fresh Acute 3.9	1	0	0.00							1	0	0.00			
		Drinking Water 5.	1	0	0.00							1	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water 100.	1	0	0.00							1	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute 18.	1	0	0.00							1	0	0.00			
		Drinking Water 1300.	1	0	0.00							1	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute 82.	1	0	0.00							1	0	0.00			
		Drinking Water 15.	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			
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			
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE	Fresh Acute 20.	1	0	0.00	1	0	0.00									
		Drinking Water 50.	1	0	0.00	1	0	0.00									
71890	MERCURY, DISSOLVED	Fresh Acute 2.4	1	0	0.00							1	0	0.00			
		Drinking Water 2.	1	0	0.00							1	0	0.00			
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute 360.	1	0	0.00	1	0	0.00									
		Drinking Water 50.	1	0	0.00	1	0	0.00									
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER	Drinking Water 2.	1	0	0.00	1	0	0.00									
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute 3.9	1	0	0.00	1	0	0.00									
		Drinking Water 5.	1	0	0.00	1	0	0.00									
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WAT	Drinking Water 100.	1	0	0.00	1	0	0.00									
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute 18.	1	0	0.00	1	0	0.00									
		Drinking Water 1300.	1	0	0.00	1	0	0.00									
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute 82.	1	0	0.00	1	0	0.00									
		Drinking Water 15.	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: CANY0294

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	2.4	1	0	0.00	1	0	0.00								
		Drinking Water	2.	1	0	0.00	1	0	0.00								
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	4.1	1	0	0.00	1	0	0.00								
		Drinking Water	100.	1	0	0.00	1	0	0.00								
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER	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: CANY0295

NPS Station ID: CANY0295
 Location: SPRING CANYON CREEK ABOVE CNFL / GREEN RIVER
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 14060008
 Major Basin:
 Minor Basin:
 RF1 Index:
 RF3 Index: 14060008001200.00
 Description:

LAT/LON: 38.624667/-110.012500

Depth of Water: 0
 Elevation: 0

RF1 Mile Point: 0.000
 RF3 Mile Point: 0.06

Agency: 21UTAH
 FIPS State/County: 49015 UTAH/EMERY
 STORET Station ID(s): 493006
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.30
 Distance from RF3: 0.02

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: CANY0295

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/03/92-09/05/99	3	19.5	18.467	20.3	15.6	6.323	2.515	**	**	**	**
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	09/30/93-09/05/99	2	20.	20.	20.	20.	0.	0.	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	06/01/89-10/02/95	4	0.	0.013	0.05	0.	0.001	0.025	**	**	**	**
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	09/03/92-09/05/99	3	2.4	6.91	17.	1.33	76.642	8.755	**	**	**	**
00094 SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/03/92-09/05/99	3	817.	819.	1000.	640.	32403.	180.008	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/03/92-09/05/99	3	1920.	1641.667	1925.	1080.	236608.333	486.424	**	**	**	**
00191 HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	09/03/92-09/05/99	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	09/03/92-09/30/93	2	7.3	7.3	7.6	7.	0.18	0.424	**	**	**	**
00400 PH (STANDARD UNITS)	09/03/92-09/05/99	3	7.8	7.9	8.3	7.6	0.13	0.361	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	09/03/92-09/05/99	3	7.8	7.815	8.3	7.6	0.141	0.375	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/03/92-09/05/99	3	0.016	0.015	0.025	0.005	0.	0.01	**	**	**	**
00405 CARBON DIOXIDE (MG/L AS CO2)	09/03/92-09/05/99	3	9.	9.	14.	4.	25.	5.	**	**	**	**
00406 PH, FIELD, STANDARD UNITS SU	09/03/92-09/05/99	3	7.5	7.533	8.2	6.9	0.423	0.651	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS	09/03/92-09/05/99	3	7.5	7.263	8.2	6.9	0.533	0.73	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/03/92-09/05/99	3	0.032	0.055	0.126	0.006	0.004	0.063	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	09/03/92-09/05/99	3	316.	355.	446.	303.	6253.	79.076	**	**	**	**
00440 BICARBONATE ION (MG/L AS HCO3)	09/03/92-09/05/99	3	385.	433.	544.	370.	9297.	96.421	**	**	**	**
00445 CARBONATE ION (MG/L AS CO3)	09/03/92-09/05/99	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/03/92-09/05/99	3	9.	8.333	16.	0.	64.333	8.021	**	**	**	**
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/03/92-09/30/93	2	0.186	0.186	0.259	0.113	0.011	0.103	**	**	**	**
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/03/92-09/30/93	2	0.565	0.565	0.8	0.33	0.11	0.332	**	**	**	**
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/05/99-09/05/99	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00631 NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/03/92-09/30/93	2 ##	0.051	0.051	0.091	0.01	0.003	0.057	**	**	**	**
00665 PHOSPHORUS, TOTAL (MG/L AS P)	09/03/92-09/05/99	3	0.048	0.044	0.074	0.01	0.001	0.032	**	**	**	**
00666 PHOSPHORUS, DISSOLVED (MG/L AS P)	09/03/92-09/30/93	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	09/03/92-09/05/99	3	815.3	712.833	902.5	420.7	65907.373	256.724	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	09/03/92-09/05/99	3	180.	147.067	210.	51.2	7117.813	84.367	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	09/03/92-09/05/99	3	89.	84.067	92.	71.2	126.413	11.243	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	09/03/92-09/05/99	3	110.	109.767	120.	99.3	107.163	10.352	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	09/03/92-09/05/99	3	11.	13.333	18.	11.	16.333	4.041	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	09/03/92-09/05/99	3	56.9	58.267	61.	56.9	5.603	2.367	**	**	**	**
00946 SULFATE, DISSOLVED (MG/L AS SO4)	09/03/92-09/05/99	3	796.98	589.46	835.4	136.	154588.503	393.177	**	**	**	**
01000 ARSENIC, DISSOLVED (UG/L AS AS)	09/03/92-09/05/99	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01005 BARIUM, DISSOLVED (UG/L AS Ba)	09/03/92-09/05/99	3	150.	176.667	250.	130.	4133.333	64.291	**	**	**	**
01025 CADMIUM, DISSOLVED (UG/L AS CD)	09/03/92-09/05/99	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01030 CHROMIUM, DISSOLVED (UG/L AS CR)	09/03/92-09/05/99	3 ##	2.5	4.133	7.4	2.5	8.003	2.829	**	**	**	**
01040 COPPER, DISSOLVED (UG/L AS CU)	09/03/92-09/05/99	3 ##	10.	8.667	10.	6.	5.333	2.309	**	**	**	**
01046 IRON, DISSOLVED (UG/L AS FE)	09/03/92-09/05/99	3 ##	10.	20.333	41.	10.	320.333	17.898	**	**	**	**

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

Parameter Inventory for Station: CANY0295

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01049 LEAD, DISSOLVED (UG/L AS PB)	09/03/92-09/05/99	3 ##	1.5	1.833	2.5	1.5	0.333	0.577	**	**	**	**
01056 MANGANESE, DISSOLVED (UG/L AS MN)	09/03/92-09/05/99	3	1500.	1094.	1700.	82.	778108.	882.104	**	**	**	**
01075 SILVER, DISSOLVED (UG/L AS AG)	09/03/92-09/05/99	3 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01090 ZINC, DISSOLVED (UG/L AS ZN)	09/03/92-09/05/99	3 ##	15.	13.333	15.	10.	8.333	2.887	**	**	**	**
01106 ALUMINUM, DISSOLVED (UG/L AS AL)	09/05/99-09/05/99	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
01145 SELENIUM, DISSOLVED (UG/L AS SE)	09/03/92-09/05/99	3 ##	0.5	1.167	2.5	0.5	1.333	1.155	**	**	**	**
61027 ANIONS, SUM, TOTAL IN WATER MG/L	09/03/92-09/05/99	3	1043.	860.667	1074.	465.	117654.333	343.008	**	**	**	**
61944 CATIONS, SUM, TOTAL IN WATER MG/L	09/03/92-09/05/99	3	400.	354.333	423.	240.	9936.333	99.681	**	**	**	**
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/03/92-09/05/99	3	1472.	1222.	1540.	654.	243124.	493.076	**	**	**	**
71890 MERCURY, DISSOLVED (UG/L AS HG)	09/03/92-09/05/99	3 ##	0.1	0.233	0.5	0.1	0.053	0.231	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0295

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076 TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	3	0	0.00	3	0	0.00									
00300 OXYGEN, DISSOLVED	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									
00406 PH, FIELD	Fresh Chronic	9.	3	0	0.00	3	0	0.00									
	Other-Lo Lim.	6.5	3	0	0.00	3	0	0.00									
00630 NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00631 NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	2	0	0.00	2	0	0.00									
00941 CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	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	2	0.67	3	2	0.67									
01000 ARSENIC, DISSOLVED	Fresh Acute	360.	3	0	0.00	3	0	0.00									
	Drinking Water	50.	3	0	0.00	3	0	0.00									
01005 BARIUM, DISSOLVED	Drinking Water	2000.	3	0	0.00	3	0	0.00									
01025 CADMIUM, DISSOLVED	Fresh Acute	3.9	3	0	0.00	3	0	0.00									
	Drinking Water	5.	3	0	0.00	3	0	0.00									
01030 CHROMIUM, DISSOLVED	Drinking Water	100.	3	0	0.00	3	0	0.00									
01040 COPPER, DISSOLVED	Fresh Acute	18.	3	0	0.00	3	0	0.00									
	Drinking Water	1300.	3	0	0.00	3	0	0.00									
01049 LEAD, DISSOLVED	Fresh Acute	82.	3	0	0.00	3	0	0.00									
	Drinking Water	15.	3	0	0.00	3	0	0.00									
01075 SILVER, DISSOLVED	Fresh Acute	4.1	3	0	0.00	3	0	0.00									
	Drinking Water	100.	3	0	0.00	3	0	0.00									
01090 ZINC, DISSOLVED	Fresh Acute	120.	3	0	0.00	3	0	0.00									
	Drinking Water	5000.	3	0	0.00	3	0	0.00									
01145 SELENIUM, DISSOLVED	Fresh Acute	20.	3	0	0.00	3	0	0.00									
	Drinking Water	50.	3	0	0.00	3	0	0.00									
71890 MERCURY, DISSOLVED	Fresh Acute	2.4	3	0	0.00	3	0	0.00									
	Drinking Water	2.	3	0	0.00	3	0	0.00									

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

Station Inventory for Station: CANY0296

NPS Station ID: CANY0296
Location: C17544
Station Type: /TYPA/AMBNT/STREAM
RMI-Indexes:
RMI-Miles:
HUC: 14060008
Major Basin: COLORADO RIVER
Minor Basin: GREEN RIVER
RF1 Index: 14060008
RF3 Index: 14070004002901.17
Description:
THE STATION IS LOCATED ON THE DUBINKY WASH UTAH 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT A STREAM AND IS OUTSIDE OF THE CANYONLANDS NATIONAL PARK. EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO ONE WITH REAGENT-GRADE NITRIC ACID. 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 STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. THE "UNIQID" ENTRY WAS USED TO CREATE THE SECONDARY STATION NAME. THE "LASLID" ENTRY (LOS ALAMOS SCIENTIFIC LABORATORY SAMPLE NUMBER) WAS USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LABORATORY. DATA WERE PROCESSED AND UPLOADED TO STORET BY LISA DUMMER; NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

LAT/LON: 38.640004/-109.933893

Agency: 11NPSWRD
FIPS State/County: 49019 UTAH/GRAND
STORET Station ID(s): CANY_NURE_06 /1041251
Within Park Boundary: No

Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 0.80
Distance from RF3: 0.11

Date Created: 01/30/99

On/Off RF1:
On/Off RF3:

Parameter Inventory for Station: CANY0296

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/29/78-06/29/78	1	18.2	18.2	18.2	18.2	0.	0.	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/29/78-06/29/78	1	2000.	2000.	2000.	2000.	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	06/29/78-06/29/78	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	06/29/78-06/29/78	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/29/78-06/29/78	1	0.063	0.063	0.063	0.063	0.	0.	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS CA)	06/29/78-06/29/78	1	19.9	19.9	19.9	19.9	0.	0.	**	**	**	**
01030 CHROMIUM, DISSOLVED (UG/L AS CR)	06/29/78-06/29/78	1	89.	89.	89.	89.	0.	0.	**	**	**	**
01035 COBALT, DISSOLVED (UG/L AS CO)	06/29/78-06/29/78	1 ##	27.5	27.5	27.5	27.5	0.	0.	**	**	**	**
01040 COPPER, DISSOLVED (UG/L AS CU)	06/29/78-06/29/78	1	17.	17.	17.	17.	0.	0.	**	**	**	**
01046 IRON, DISSOLVED (UG/L AS FE)	06/29/78-06/29/78	1	51.	51.	51.	51.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0296

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
							Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	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
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

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

Station Inventory for Station: CANY0297

NPS Station ID: CANY0297
 Location: GREEN R AT HEY JOE MINE
 Station Type: /TYP/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 14060008
 Major Basin:
 Minor Basin:
 RF1 Index:
 RF3 Index: 14030005001903.77
 Description:
 HYDROLOGIC CATALOGING UNIT-14060008
 USGS 7.5 QUADRANGLE-BOCOKNOT BEND 05700

LAT/LON: 38.641000/-110.045167

Depth of Water: 0
 Elevation: 0

RF1 Mile Point: 0.000
 RF3 Mile Point: 4.05

UTAH STATE CLASSIFICATION-1C,2B,3B,4

Agency: 21UTAH
 FIPS State/County: 49019 UTAH/GRAND
 STORET Station ID(s): 493018
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 1.10
 Distance from RF3: 0.05

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: CANY0297

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/14/77-09/19/77	4	23.5	22.75	26.	18.	12.917	3.594	**	**	**	**
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/14/77-09/19/77	4	152.5	137.75	200.	46.	4746.917	68.898	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/14/77-09/19/77	5	810.	748.	900.	450.	33870.	184.038	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	06/14/77-09/19/77	4	7.5	6.35	8.4	2.	9.017	3.003	**	**	**	**
00310 BOD, 5 DAY, 20 DEG C MG/L	07/19/77-09/19/77	2	2.	2.	2.	2.	0.	0.	**	**	**	**
00335 COD, .025N K2CR2O7 MG/L	06/14/77-09/19/77	4	26.5	62.5	185.	12.	6764.333	82.246	**	**	**	**
00400 PH (STANDARD UNITS)	06/14/77-09/19/77	5	8.3	8.3	8.6	8.	0.065	0.255	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	06/14/77-09/19/77	5	8.3	8.242	8.6	8.	0.069	0.263	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/14/77-09/19/77	5	0.005	0.006	0.01	0.003	0.	0.003	**	**	**	**
00405 CARBON DIOXIDE (MG/L AS CO2)	06/14/77-09/19/77	8	2.	2.	3.	1.	1.143	1.069	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	06/14/77-09/19/77	4	143.5	140.	157.	116.	300.667	17.34	**	**	**	**
00440 BICARBONATE ION (MG/L AS HCO3)	06/14/77-09/19/77	4	175.	171.	192.	142.	444.	21.071	**	**	**	**
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/14/77-09/19/77	4	340.	1577.5	5560.	70.	7065291.667	2658.062	**	**	**	**
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/14/77-07/19/77	2	0.35	0.35	0.6	0.1	0.125	0.354	**	**	**	**
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	06/14/77-09/19/77	4	0.225	0.375	0.9	0.15	0.124	0.352	**	**	**	**
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/19/77-09/19/77	3	1.7	1.733	2.3	1.2	0.303	0.551	**	**	**	**
00665 PHOSPHORUS, TOTAL (MG/L AS P)	06/14/77-07/19/77	2	0.06	0.06	0.07	0.05	0.	0.014	**	**	**	**
00680 CARBON, TOTAL ORGANIC (MG/L AS C)	07/19/77-07/19/77	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	06/14/77-09/19/77	4	285.	275.75	345.	188.	4238.917	65.107	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	06/14/77-09/19/77	4	67.	69.	96.	46.	438.667	20.944	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	06/14/77-09/19/77	4	26.5	25.25	30.	18.	26.25	5.123	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	06/14/77-09/19/77	4	79.	69.5	85.	35.	539.667	23.231	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	06/14/77-09/19/77	4	3.5	3.25	4.	2.	0.917	0.957	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	06/14/77-09/19/77	4	26.5	24.75	32.	14.	59.583	7.719	**	**	**	**
00946 SULFATE, DISSOLVED (MG/L AS SO4)	06/14/77-09/19/77	4	251.	236.75	305.	140.	4862.25	69.73	**	**	**	**
00950 FLUORIDE, DISSOLVED (MG/L AS F)	06/14/77-09/19/77	4	0.3	0.31	0.35	0.29	0.001	0.028	**	**	**	**
00955 SILICA, DISSOLVED (MG/L AS SiO2)	06/14/77-09/19/77	4	6.	6.25	8.	5.	2.25	1.5	**	**	**	**
01000 ARSENIC, DISSOLVED (UG/L AS AS)	09/19/77-09/19/77	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
01020 BORON, DISSOLVED (UG/L AS B)	06/14/77-09/19/77	4	212.5	211.25	240.	180.	639.583	25.29	**	**	**	**
01032 CHROMIUM, HEXAVALENT (UG/L AS CR)	06/14/77-06/14/77	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01040 COPPER, DISSOLVED (UG/L AS CU)	09/19/77-09/19/77	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01145 SELENIUM, DISSOLVED (UG/L AS SE)	09/19/77-09/19/77	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01167 SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	07/19/77-07/19/77	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**

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

Parameter Inventory for Station: CANY0297

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31506 COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	08/22/77-09/19/77	2	350.	350.	460.	240.	24200.	155.563	**	**	**	**
31506 LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	08/22/77-09/19/77	2	2.521	2.521	2.663	2.38	0.04	0.2	**	**	**	**
31506 GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			332.265								
31614 FECAL COLIFORM,MPN,TUBE CONFIGURATION	08/22/77-09/19/77	2	58.	58.	93.	23.	2450.	49.497	**	**	**	**
31614 LOG FECAL COLIFORM,MPN,TUBE CONFIGURATION	08/22/77-09/19/77	2	1.665	1.665	1.968	1.362	0.184	0.429	**	**	**	**
31614 GM FECAL COLIFORM,MPN,TUBE CONFIGURATION	GEOMETRIC MEAN =			46.249								
70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/14/77-09/19/77	4	576.	533.	652.	328.	20028.	141.52	**	**	**	**
70507 PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/19/77-09/19/77	3	0.03	0.027	0.03	0.02	0.	0.006	**	**	**	**
82703 BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	06/14/77-07/19/77	2	0.075	0.075	0.1	0.05	0.001	0.035	**	**	**	**
82705 CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/22/77-08/22/77	1	5.	5.	5.	5.	0.	0.	**	**	**	**
82708 COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/14/77-08/22/77	3	15.	15.	20.	10.	25.	5.	**	**	**	**
82710 IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	06/14/77-09/19/77	4	2.95	2.925	5.	0.8	4.543	2.131	**	**	**	**
82712 MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/14/77-08/22/77	3	160.	796.667	2200.	30.	1481233.333	1217.059	**	**	**	**
82713 MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/14/77-08/22/77	3	0.1	0.167	0.3	0.1	0.013	0.115	**	**	**	**
82715 NICKEL, FIELD ACIDIFIED, DECANTED, WATER UG/L	08/22/77-08/22/77	1	50.	50.	50.	50.	0.	0.	**	**	**	**
82716 SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	07/19/77-07/19/77	1	5.	5.	5.	5.	0.	0.	**	**	**	**
82719 ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/14/77-08/22/77	3	20.	26.667	40.	20.	133.333	11.547	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: CANY0297

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076 TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	4	3	0.75	3	2	0.67							1	1	1.00
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	1	0.25	3	1	0.33							1	0	0.00
00400 PH	Fresh Chronic	9.	5	0	0.00	4	0	0.00							1	0	0.00
	Other-Lo Lim.	6.5	5	0	0.00	4	0	0.00							1	0	0.00
00620 NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	4	0	0.00	3	0	0.00							1	0	0.00
00941 CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	4	0	0.00	3	0	0.00							1	0	0.00
	Drinking Water	250.	4	0	0.00	3	0	0.00							1	0	0.00
00946 SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	4	2	0.50	3	2	0.67							1	0	0.00
00950 FLUORIDE, DISSOLVED AS F	Drinking Water	4.	4	0	0.00	3	0	0.00							1	0	0.00
01000 ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00	1	0	0.00							1	0	0.00
	Drinking Water	50.	1	0	0.00	1	0	0.00									
01032 CHROMIUM, HEXAVALENT	Fresh Acute	16.	1	0	0.00										1	0	0.00
	Drinking Water	100.	1	0	0.00										1	0	0.00
01040 COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00	1	0	0.00									
	Drinking Water	1300.	1	0	0.00	1	0	0.00									
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									
01167 SELENIUM, ACID SOLUBLE, WATER, WHOLE	Fresh Acute	20.	1	0	0.00	1	0	0.00									
	Drinking Water	50.	1	0	0.00	1	0	0.00									
31506 COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	2	0	0.00	2	0	0.00									
31614 FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Lo Lim.	200.	2	0	0.00	2	0	0.00									
82703 BARIUM, FIELD ACIDIFIED, DECANTED, WATER	Drinking Water	2.	2	0	0.00	1	0	0.00							1	0	0.00
82705 CADMIUM, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	3.9	1	1	1.00	1	1	1.00									
	Drinking Water	5.	1	1	1.00	1	1	1.00									
82708 COPPER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	18.	3	1	0.33	2	1	0.50							1	0	0.00
	Drinking Water	1300.	3	0	0.00	2	0	0.00							1	0	0.00
82713 MERCURY, FIELD ACIDIFIED, DECANTED, WATE	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
82715 NICKEL, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	1400.	1	0	0.00	1	0	0.00									
	Drinking Water	100.	1	0	0.00	1	0	0.00									
82716 SILVER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	4.1	1	1	1.00	1	1	1.00									
	Drinking Water	100.	1	0	0.00	1	0	0.00									
82719 ZINC, FIELD ACIDIFIED, DECANTED, WATER	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

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

Station Inventory for Station: CANY0298

NPS Station ID: CANY0298
 Location: KEG SPRING CREEK ABOVE CNFL / GREEN RIVER
 Station Type: /TYPA/AMBNT/STREAM
 RMI-Indexes:
 RMI-Miles:
 HUC: 14060008
 Major Basin:
 Minor Basin:
 RF1 Index:
 RF3 Index: 14060008000411.02
 Description:

LAT/LON: 38.645000/-110.058000

Depth of Water: 0
 Elevation: 0

RF1 Mile Point: 0.000
 RF3 Mile Point: 11.50

Agency: 21UTAH
 FIPS State/County: 49015 UTAH/EMERY
 STORET Station ID(s): 493007
 Within Park Boundary: No

Date Created: / /

Aquifer:
 Water Body Id:
 ECO Region:
 Distance from RF1: 0.70
 Distance from RF3: 0.04

On/Off RF1:
 On/Off RF3:

Parameter Inventory for Station: CANY0298

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/01/89-09/04/99	3	27.	25.267	27.1	21.7	9.543	3.089	**	**	**	**
00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	05/12/92-09/04/99	2	26.3	26.3	30.6	22.	36.98	6.081	**	**	**	**
00061 FLOW, STREAM, INSTANTANEOUS CFS	06/01/89-10/02/95	5	0.	0.09	0.45	0.	0.04	0.201	**	**	**	**
00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	06/01/89-09/04/99	3	2.11	8.87	24.	0.5	172.336	13.128	**	**	**	**
00094 SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/01/89-09/04/99	2	1062.	1062.	1150.	974.	15488.	124.451	**	**	**	**
00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/01/89-09/04/99	3	1089.	1078.	1260.	885.	35247.	187.742	**	**	**	**
00191 HYDROGEN ION CONCENTRATION IN WHOLE WATER MG/L	06/01/89-09/04/99	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00300 OXYGEN, DISSOLVED MG/L	06/01/89-06/01/89	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00335 COD, .025N K2CR2O7 MG/L	06/01/89-06/01/89	1 ##	7.	7.	7.	7.	0.	0.	**	**	**	**
00400 PH (STANDARD UNITS)	06/01/89-09/04/99	3	8.2	8.187	8.36	8.	0.033	0.18	**	**	**	**
00400 CONVERTED PH (STANDARD UNITS)	06/01/89-09/04/99	3	8.2	8.162	8.36	8.	0.033	0.183	**	**	**	**
00400 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/01/89-09/04/99	3	0.006	0.007	0.01	0.004	0.	0.003	**	**	**	**
00405 CARBON DIOXIDE (MG/L AS CO2)	06/01/89-09/04/99	3	5.	4.667	5.	4.	0.333	0.577	**	**	**	**
00406 PH, FIELD, STANDARD UNITS SU	06/01/89-09/04/99	2	7.65	7.65	8.2	7.1	0.605	0.778	**	**	**	**
00406 CONVERTED PH, FIELD, STANDARD UNITS	06/01/89-09/04/99	2	7.368	7.368	8.2	7.1	0.764	0.874	**	**	**	**
00406 MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/01/89-09/04/99	2	0.043	0.043	0.079	0.006	0.003	0.052	**	**	**	**
00410 ALKALINITY, TOTAL (MG/L AS CaCO3)	06/01/89-09/04/99	3	437.	425.333	510.	329.	8292.333	91.062	**	**	**	**
00440 BICARBONATE ION (MG/L AS HCO3)	06/01/89-09/04/99	3	533.	518.667	622.	401.	12364.333	111.195	**	**	**	**
00445 CARBONATE ION (MG/L AS CO3)	06/01/89-09/04/99	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00530 RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/01/89-09/04/99	3	0.	25.333	76.	0.	1925.333	43.879	**	**	**	**
00610 NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/01/89-05/12/92	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00615 NITRITE NITROGEN, TOTAL (MG/L AS N)	06/01/89-06/01/89	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	06/01/89-06/01/89	1	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
00625 NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/01/89-05/12/92	2 ##	0.165	0.165	0.28	0.05	0.026	0.163	**	**	**	**
00630 NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/04/99-09/04/99	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00631 NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/12/92-05/12/92	1	0.042	0.042	0.042	0.042	0.	0.	**	**	**	**
00665 PHOSPHORUS, TOTAL (MG/L AS P)	06/01/89-09/04/99	3 ##	0.005	0.007	0.01	0.005	0.	0.003	**	**	**	**
00666 PHOSPHORUS, DISSOLVED (MG/L AS P)	05/12/92-05/12/92	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00680 CARBON, TOTAL ORGANIC (MG/L AS C)	06/01/89-06/01/89	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**
00900 HARDNESS, TOTAL (MG/L AS CaCO3)	06/01/89-09/04/99	3	430.6	460.6	581.9	369.3	11974.69	109.429	**	**	**	**
00915 CALCIUM, DISSOLVED (MG/L AS Ca)	06/01/89-09/04/99	3	54.	53.767	68.3	39.	214.663	14.651	**	**	**	**
00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	06/01/89-09/04/99	3	81.	79.333	100.	57.	464.333	21.548	**	**	**	**
00930 SODIUM, DISSOLVED (MG/L AS Na)	06/01/89-09/04/99	3	64.	64.6	77.8	52.	166.68	12.91	**	**	**	**
00935 POTASSIUM, DISSOLVED (MG/L AS K)	06/01/89-09/04/99	3	20.	18.4	22.2	13.	23.08	4.804	**	**	**	**
00941 CHLORIDE, DISSOLVED IN WATER MG/L	06/01/89-09/04/99	3	38.	38.167	49.	27.5	115.583	10.751	**	**	**	**
00946 SULFATE, DISSOLVED (MG/L AS SO4)	06/01/89-09/04/99	3	144.03	170.677	238.	130.	3448.534	58.724	**	**	**	**
01000 ARSENIC, DISSOLVED (UG/L AS AS)	05/12/92-09/04/99	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01005 BARIUM, DISSOLVED (UG/L AS BA)	05/12/92-09/04/99	2	160.	160.	220.	100.	7200.	84.853	**	**	**	**

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

Parameter Inventory for Station: CANY0298

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01025	CADMIUM, DISSOLVED (UG/L AS CD)	05/12/92-09/04/99	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/12/92-09/04/99	2 ##	5.9	5.9	9.3	2.5	23.12	4.808	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	05/12/92-09/04/99	2 ##	8.	8.	10.	6.	8.	2.828	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	05/12/92-09/04/99	2 ##	10.	10.	10.	10.	0.	0.	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	05/12/92-09/04/99	2 ##	2.	2.	2.5	1.5	0.5	0.707	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/12/92-09/04/99	2	40.05	40.05	74.	6.1	2305.205	48.013	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	05/12/92-09/04/99	2 ##	1.	1.	1.	0.	0.	0.	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	05/12/92-09/04/99	2 ##	12.5	12.5	15.	10.	12.5	3.536	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/04/99-09/04/99	1 ##	15.	15.	15.	15.	0.	0.	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	05/12/92-09/04/99	2 ##	2.1	2.1	2.5	1.7	0.32	0.566	**	**	**
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE UG/L	06/01/89-06/01/89	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**
61027	ANIONS, SUM, TOTAL IN WATER MG/L	05/12/92-09/04/99	2	518.5	518.5	593.	444.	11100.5	105.359	**	**	**
61944	CATIONS, SUM, TOTAL IN WATER, MG/L	05/12/92-09/04/99	2	236.	236.	268.	204.	2048.	45.255	**	**	**
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), MG/L	06/01/89-09/04/99	3	690.	670.667	778.	544.	13969.333	118.192	**	**	**
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	06/01/89-06/01/89	1	0.011	0.011	0.011	0.011	0.	0.	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	05/12/92-09/04/99	2 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/01/89-06/01/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER MG/L	06/01/89-06/01/89	1	0.13	0.13	0.13	0.13	0.	0.	**	**	**
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/01/89-06/01/89	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/01/89-06/01/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/01/89-06/01/89	1 ##	10.	10.	10.	10.	0.	0.	**	**	**
82710	IRON, FIELD ACIDIFIED, DECANTED, WATER MG/L	06/01/89-06/01/89	1	0.44	0.44	0.44	0.44	0.	0.	**	**	**
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/01/89-06/01/89	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**
82712	MANGANESE, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/01/89-06/01/89	1	680.	680.	680.	680.	0.	0.	**	**	**
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/01/89-06/01/89	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/01/89-06/01/89	1 ##	1.	1.	1.	1.	0.	0.	**	**	**
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER UG/L	06/01/89-06/01/89	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: CANY0298

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00076	TURBIDITY, HACH TURBIDIMETER	50.	3	0	0.00	1	0	0.00				1	0	0.00	1	0	0.00
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00									1	0	0.00
00400	PH	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
00406	PH, FIELD	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
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	0	0.00									1	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00									1	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00						1	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00						1	0	0.00			
00941	CHLORIDE, DISSOLVED 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
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	3	0	0.00	1	0	0.00			1	0	0.00	1	0	0.00
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	2	0	0.00	1	0	0.00			1	0	0.00			
		Drinking Water	50.	2	0	0.00	1	0	0.00			1	0	0.00			
01005	BARIUM, DISSOLVED	Drinking Water	2000.	2	0	0.00	1	0	0.00			1	0	0.00			
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	2	0	0.00	1	0	0.00			1	0	0.00			
		Drinking Water	5.	2	0	0.00	1	0	0.00			1	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	2	0	0.00	1	0	0.00			1	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	2	0	0.00	1	0	0.00			1	0	0.00			
		Drinking Water	1300.	2	0	0.00	1	0	0.00			1	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	2	0	0.00	1	0	0.00			1	0	0.00			
		Drinking Water	15.	2	0	0.00	1	0	0.00			1	0	0.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	2	0	0.00	1	0	0.00			1	0	0.00			
		Drinking Water	100.	2	0	0.00	1	0	0.00			1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	2	0	0.00	1	0	0.00			1	0	0.00			
		Drinking Water	5000.	2	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

EPA Water Quality Criteria Analysis for Station: CANY0298

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
01145	SELENIUM, DISSOLVED	Fresh Acute 20.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water 50.	2	0	0.00	1	0	0.00				1	0	0.00			
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE	Fresh Acute 20.	1	0	0.00										1	0	0.00
		Drinking Water 50.	1	0	0.00										1	0	0.00
71890	MERCURY, DISSOLVED	Fresh Acute 2.4	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water 2.	2	0	0.00	1	0	0.00				1	0	0.00			
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute 360.	1	0	0.00										1	0	0.00
		Drinking Water 50.	1	0	0.00										1	0	0.00
82703	BARIUM, FIELD ACIDIFIED, DECANTED, WATER	Drinking Water 2.	1	0	0.00										1	0	0.00
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute 3.9	1	0	0.00										1	0	0.00
		Drinking Water 5.	1	0	0.00										1	0	0.00
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WAT	Drinking Water 100.	1	0	0.00										1	0	0.00
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute 18.	1	0	0.00										1	0	0.00
		Drinking Water 1300.	1	0	0.00										1	0	0.00
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute 82.	1	0	0.00										1	0	0.00
		Drinking Water 15.	1	0	0.00										1	0	0.00
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute 2.4	1	0	0.00										1	0	0.00
		Drinking Water 2.	1	0	0.00										1	0	0.00
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute 4.1	1	0	0.00										1	0	0.00
		Drinking Water 100.	1	0	0.00										1	0	0.00
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER	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: CANY0299

NPS Station ID: CANY0299

Location: TEN MILE CANYON CREEK ABOVE CNFL / GREEN RIVER

Station Type: /TYPA/AMBNT/STREAM

RMI-Indexes:

RMI-Miles:

HUC: 14060008

Major Basin:

Minor Basin:

RF1 Index:

RF3 Index: 14060008016800.00

Description:

LAT/LON: 38.660000/-110.064167

Depth of Water: 0

Elevation: 0

RF1 Mile Point: 0.000

RF3 Mile Point: 0.01

Agency: 21UTAH

FIPS State/County: 49015 UTAH/EMERY

STORET Station ID(s): 493008

Within Park Boundary: No

Aquifer:

Water Body Id:

ECO Region:

Distance from RF1: 1.00

Distance from RF3: 0.01

Date Created: / /

On/Off RF1:

On/Off RF3:

Parameter Inventory for Station: CANY0299

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061 FLOW, STREAM, INSTANTANEOUS CFS	06/01/89-05/26/94	5	0.	0.	0.	0.	0.	0.	**	**	**	**

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

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

EPA Water Quality Criteria Analysis for Entire CANY Study Area

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----			
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	2	0	0.00	1	0	0.00						1	0	0.00	
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	806	355	0.44	275	130	0.47	199	53	0.27	216	107	0.50	116	65	0.56
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	20	1	0.05	20	1	0.05									
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	871	86	0.10	284	35	0.12	178	12	0.07	307	28	0.09	102	11	0.11
00400	PH	Fresh Chronic	9.	1136	6	0.01	387	2	0.01	233	0	0.00	353	1	0.00	163	3	0.02
		Other-Lo Lim.	6.5	1136	104	0.09	387	28	0.07	233	26	0.11	353	35	0.10	163	15	0.09
00403	PH, LAB	Fresh Chronic	9.	51	0	0.00	17	0	0.00	17	0	0.00	16	0	0.00	1	0	0.00
		Other-Lo Lim.	6.5	51	0	0.00	17	0	0.00	17	0	0.00	16	0	0.00	1	0	0.00
00406	PH, FIELD	Fresh Chronic	9.	714	11	0.02	235	1	0.00	165	3	0.02	221	4	0.02	93	3	0.03
		Other-Lo Lim.	6.5	714	41	0.06	235	9	0.04	165	10	0.06	221	17	0.08	93	5	0.05
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	20	0	0.00	7	0	0.00	13	0	0.00						
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	190	0	0.00	46	0	0.00	60	0	0.00	52	0	0.00	32	0	0.00
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	43	0	0.00	12	0	0.00	18	0	0.00	11	0	0.00	2	0	0.00
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	541	1	0.00	188	1	0.01	130	0	0.00	163	0	0.00	60	0	0.00
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	123	1	0.01	62	0	0.00	34	0	0.00	18	1	0.06	9	0	0.00
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	450	0	0.00	161	0	0.00	79	0	0.00	156	0	0.00	54	0	0.00
00720	CYANIDE, TOTAL	Fresh Acute	0.022	2	0	0.00	2	0	0.00									
		Drinking Water	0.2	2	0	0.00	2	0	0.00									
00940	CHLORIDE, TOTAL IN WATER	Fresh Acute	860.	265	30	0.11	87	13	0.15	47	10	0.21	110	7	0.06	21	0	0.00
		Drinking Water	250.	265	46	0.17	87	15	0.17	47	12	0.26	110	17	0.15	21	2	0.10
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	876	80	0.09	282	21	0.07	215	30	0.14	242	17	0.07	137	12	0.09
		Drinking Water	250.	876	87	0.10	282	23	0.08	215	30	0.14	242	19	0.08	137	15	0.11
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	394	52	0.13	151	22	0.15	75	15	0.20	144	14	0.10	24	1	0.04
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	883	226	0.26	288	106	0.37	214	80	0.37	242	26	0.11	139	14	0.10
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	212	0	0.00	61	0	0.00	70	0	0.00	44	0	0.00	37	0	0.00
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	367	0	0.00	149	0	0.00	83	0	0.00	84	0	0.00	51	0	0.00
		Drinking Water	50.	367	1	0.00	149	0	0.00	83	0	0.00	84	1	0.01	51	0	0.00
01002	ARSENIC, TOTAL	Fresh Acute	360.	32	0	0.00				13	0	0.00	12	0	0.00	7	0	0.00
		Drinking Water	50.	32	0	0.00				13	0	0.00	12	0	0.00	7	0	0.00
01005	BARIUM, DISSOLVED	Drinking Water	2000.	365	0	0.00	154	0	0.00	82	0	0.00	80	0	0.00	49	0	0.00
01007	BARIUM, TOTAL	Drinking Water	2000.	2	0	0.00				2	0	0.00						
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	21	0	0.00	8	0	0.00	8	0	0.00	5	0	0.00			
		Drinking Water	4.	19 &	0	0.00	8	0	0.00	6	0	0.00	5	0	0.00			
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	364 &	4	0.01	152	2	0.01	80	2	0.03	82	0	0.00	50	0	0.00
		Drinking Water	5.	364 &	1	0.00	152	0	0.00	80	1	0.01	82	0	0.00	50	0	0.00
01027	CADMIUM, TOTAL	Fresh Acute	3.9	24	0	0.00				13	0	0.00	8	0	0.00	3	0	0.00
		Drinking Water	5.	24	0	0.00				13	0	0.00	8	0	0.00	3	0	0.00
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	387	4	0.01	154	0	0.00	84	0	0.00	87	2	0.02	62	2	0.03
01032	CHROMIUM, HEXAVALENT	Fresh Acute	16.	90	0	0.00	23	0	0.00	37	0	0.00	17	0	0.00	13	0	0.00
		Drinking Water	100.	90	0	0.00	23	0	0.00	37	0	0.00	17	0	0.00	13	0	0.00
01034	CHROMIUM, TOTAL	Drinking Water	100.	32	0	0.00				13	0	0.00	12	0	0.00	7	0	0.00
01040	COPPER, DISSOLVED	Fresh Acute	18.	404 &	21	0.05	161	6	0.04	87	6	0.07	95	6	0.06	61	3	0.05
		Drinking Water	1300.	410	1	0.00	161	1	0.01	91	0	0.00	97	0	0.00	61	0	0.00
01042	COPPER, TOTAL	Fresh Acute	18.	104 &	78	0.75	25	25	1.00	28	15	0.54	37	28	0.76	14	10	0.71
		Drinking Water	1300.	323	9	0.03	113	5	0.04	63	1	0.02	123	3	0.02	24	0	0.00
01049	LEAD, DISSOLVED	Fresh Acute	82.	366 &	3	0.01	150	0	0.00	80	0	0.00	85	0	0.00	51	3	0.06
		Drinking Water	15.	357 &	10	0.03	150	5	0.03	74	2	0.03	82	0	0.00	51	3	0.06
01051	LEAD, TOTAL	Fresh Acute	82.	24	0	0.00				13	0	0.00	8	0	0.00	3	0	0.00
		Drinking Water	15.	24	2	0.08				13	0	0.00	8	0	0.00	3	2	0.67
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	69	0	0.00	25	0	0.00	28	0	0.00	12	0	0.00	4	0	0.00
		Drinking Water	100.	69	1	0.01	25	0	0.00	28	0	0.00	12	0	0.00	4	1	0.25
01067	NICKEL, TOTAL	Fresh Acute	1400.	32	0	0.00				13	0	0.00	12	0	0.00	7	0	0.00
		Drinking Water	100.	32	0	0.00				13	0	0.00	12	0	0.00	7	0	0.00
01075	SILVER, DISSOLVED	Fresh Acute	4.1	358 &	3	0.01	151	1	0.01	76	2	0.03	83	0	0.00	48	0	0.00
		Drinking Water	100.	366	0	0.00	151	0	0.00	83	0	0.00	84	0	0.00	48	0	0.00
01077	SILVER, TOTAL	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.	369	4	0.01	151	2	0.01	84	1	0.01	84	0	0.00	50	1	0.02
		Drinking Water	5000.	369	0	0.00	151	0	0.00	84	0	0.00	84	0	0.00	50	0	0.00
01092	ZINC, TOTAL	Fresh Acute	120.	31 &	3	0.10				13	0	0.00	12	2	0.17	6	1	0.17
		Drinking Water	5000.	32	2	0.06				13	0	0.00	12	1	0.08	7	1	0.14

& - 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 CANY Study Area

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	-----7/15-10/14-----			-----10/15-3/31-----			-----4/01-5/31-----			-----6/01-7/14-----		
						Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
01145 SELENIUM, DISSOLVED	Fresh Acute	20.	368	4	0.01	149	1	0.01	83	2	0.02	85	1	0.01	51	0	0.00
	Drinking Water	50.	368	2	0.01	149	1	0.01	83	1	0.01	85	0	0.00	51	0	0.00
01147 SELENIUM, TOTAL	Fresh Acute	20.	32	0	0.00				13	0	0.00	12	0	0.00	7	0	0.00
	Drinking Water	50.	32	0	0.00				13	0	0.00	12	0	0.00	7	0	0.00
01167 SELENIUM, ACID SOLUBLE, WATER, WHOLE	Fresh Acute	20.	351 &	18	0.05	100	2	0.02	95	9	0.09	112	2	0.02	44	5	0.11
	Drinking Water	50.	355 &	18	0.05	100	2	0.02	96	9	0.09	114	2	0.02	45	5	0.11
07000 TRITIUM, TOTAL	Drinking Water	20000.	5	0	0.00	3	0	0.00	2	0	0.00						
09501 RADIUM 226, TOTAL	Drinking Water	5.	69 &	2	0.03	19	2	0.11	19	0	0.00	12	0	0.00	19	0	0.00
11501 RADIUM 228, TOTAL	Drinking Water	5.	2	0	0.00	2	0	0.00									
13501 STRONTIUM 90, TOTAL	Drinking Water	8.	1	0	0.00				1	0	0.00						
22703 URANIUM, NATURAL DISSOLVED	Drinking Water	20.	15	4	0.27	2	0	0.00				12	4	0.33	1	0	0.00
31501 COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	182	8	0.04	60	2	0.03	22	5	0.23	83	1	0.01	17	0	0.00
31506 COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	90	29	0.32	17	6	0.35	43	8	0.19	19	9	0.47	11	6	0.55
31614 FECAL COLIFORM, MPN, TUBE CONFIGURATION	Other-Hi Lim.	200.	64	20	0.31	14	5	0.36	32	10	0.31	11	4	0.36	7	1	0.14
31616 FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	143	8	0.06	49	3	0.06	11	1	0.09	69	4	0.06	14	0	0.00
39730 2,4-D IN WHOLE WATER SAMPLE	Drinking Water	70.	1	0	0.00										1	0	0.00
71850 NITRATE NITROGEN, TOTAL (AS NO3)	Drinking Water	44.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
71851 NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	47	0	0.00	11	0	0.00	6	0	0.00	12	0	0.00	18	0	0.00
71856 NITRITE NITROGEN, DISSOLVED (AS NO2)	Drinking Water	3.3	2	0	0.00	2	0	0.00									
71890 MERCURY, DISSOLVED	Fresh Acute	2.4	304	0	0.00	131	0	0.00	57	0	0.00	71	0	0.00	45	0	0.00
	Drinking Water	2.	304	0	0.00	131	0	0.00	57	0	0.00	71	0	0.00	45	0	0.00
71900 MERCURY, TOTAL	Fresh Acute	2.4	28	0	0.00	2	0	0.00	15	0	0.00	8	0	0.00	3	0	0.00
	Drinking Water	2.	28	0	0.00	2	0	0.00	15	0	0.00	8	0	0.00	3	0	0.00
82079 TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00										1	0	0.00
82702 ARSENIC, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	360.	363 &	11	0.03	98	2	0.02	102	6	0.06	115	2	0.02	48	1	0.02
	Drinking Water	50.	355 &	16	0.05	95	4	0.04	100	8	0.08	112	2	0.02	48	2	0.04
82703 BARIUM, FIELD ACIDIFIED, DECANTED, WATER	Drinking Water	2.	294	0	0.00	84	0	0.00	69	0	0.00	100	0	0.00	41	0	0.00
82704 BERYLLIUM, FIELD ACIDIFIED, DECANTED, WA	Fresh Acute	130.	2	0	0.00	2	0	0.00									
	Drinking Water	4.	0 &	0	0.00												
82705 CADMIUM, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	3.9	277 &	20	0.07	82	5	0.06	62	11	0.18	99	4	0.04	34	0	0.00
	Drinking Water	5.	277 &	12	0.04	82	5	0.06	62	3	0.05	99	4	0.04	34	0	0.00
82706 CHROMIUM, FIELD ACIDIFIED, DECANTED, WAT	Drinking Water	100.	349 &	4	0.01	95	0	0.00	97	1	0.01	114	2	0.02	43	1	0.02
82708 COPPER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	18.	342 &	69	0.20	94	16	0.17	96	30	0.31	109	16	0.15	43	7	0.16
	Drinking Water	1300.	369	2	0.01	102	1	0.01	102	1	0.01	115	0	0.00	50	0	0.00
82711 LEAD, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	82.	280 &	6	0.02	82	2	0.02	65	4	0.06	98	0	0.00	35	0	0.00
	Drinking Water	15.	279 &	40	0.14	82	9	0.11	64	13	0.20	98	11	0.11	35	7	0.20
82713 MERCURY, FIELD ACIDIFIED, DECANTED, WATE	Fresh Acute	2.4	321	1	0.00	95	0	0.00	79	0	0.00	105	0	0.00	42	1	0.02
	Drinking Water	2.	321	1	0.00	95	0	0.00	79	0	0.00	105	0	0.00	42	1	0.02
82715 NICKEL, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	1400.	124	1	0.01	29	0	0.00	50	0	0.00	26	1	0.04	19	0	0.00
	Drinking Water	100.	121 &	21	0.17	29	6	0.21	48	7	0.15	26	6	0.23	18	2	0.11
82716 SILVER, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	4.1	279 &	18	0.06	82	4	0.05	63	9	0.14	99	4	0.04	35	1	0.03
	Drinking Water	100.	282	0	0.00	82	0	0.00	66	0	0.00	99	0	0.00	35	0	0.00
82719 ZINC, FIELD ACIDIFIED, DECANTED, WATER	Fresh Acute	120.	371 &	66	0.18	104	13	0.13	103	29	0.28	115	14	0.12	49	10	0.20
	Drinking Water	5000.	374	28	0.07	106	8	0.08	103	13	0.13	115	4	0.03	50	3	0.06

& - 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 CANY 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 CANY Study Area Exist for These Groups:

Alkalinity		Total Obs.	01/01/85 to 12/09/99	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00410	ALKALINITY, TOTAL (MG/L AS CaCO ₃)	1219	957	239	23	189
00430	ALKALINITY, CARBONATE (MG/L AS CaCO ₃)	1	0	0	1	1
00440	BICARBONATE ION (MG/L AS HCO ₃)	897	672	197	28	139
00445	CARBONATE ION (MG/L AS CO ₃)	750	667	58	25	96
		2867	2296	494	77	425(221) ¹
pH		Total Obs.	01/01/85 to 12/09/99	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00400	PH (STANDARD UNITS)	1136	945	165	26	194
00403	PH, LAB (STANDARD UNITS)	51	26	24	1	14
00406	PH, FIELD (STANDARD UNITS)	714	557	157	0	147
		1901	1528	346	27	355(281) ¹
Conductivity		Total Obs.	01/01/85 to 12/09/99	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	1036	814	222	0	178
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	976	716	232	28	172
00480	SALINITY - PARTS PER THOUSAND	24	24	0	0	24
		2036	1554	454	28	374(277) ¹
Dissolved Oxygen		Total Obs.	01/01/85 to 12/09/99	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE (MG/L)	20	0	20	0	20
00300	OXYGEN, DISSOLVED (MG/L)	871	676	195	0	163
		891	676	215	0	183(183) ¹
Water Temperature		Total Obs.	01/01/85 to 12/09/99	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	1234	901	309	24	269
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	17	0	17	0	7
		1251	901	326	24	276(276) ¹
Flow		Total Obs.	01/01/85 to 12/09/99	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00058	FLOW RATE, GALLONS/MIN.	92	53	39	0	43
00059	FLOW RATE, INSTANTANEOUS, GALLONS/MINUTE	72	42	6	24	49
00061	FLOW, STREAM, INSTANTANEOUS CFS	367	253	114	0	109
00065	STAGE, STREAM (FEET)	9	1	8	0	2
		540	349	167	24	203(171) ¹

¹Since 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 12/09/99	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00070	TURBIDITY, (JACKSON CANDLE UNITS)	2	0	0	2	2
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	806	664	142	0	74
00078	TRANSPARENCY, SECCHI DISC (METERS)	1	1	0	0	1
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	775	659	116	0	74
82079	TURBIDITY, LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	1	1	0	0	1
		1585	1325	258	2	152 (79) ¹
Nitrate/Nitrogen		Total Obs.	01/01/85 to 12/09/99	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00600	NITROGEN, TOTAL (MG/L AS N)	18	0	18	0	18
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	645	514	130	1	84
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	43	20	5	18	41
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	541	329	211	1	111
00625	NITROGEN, KJELDAHL, TOTAL (MG/L AS N)	495	368	127	0	66
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	123	53	70	0	44
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	450	423	27	0	60
71850	NITRATE NITROGEN, TOTAL (MG/L AS NO3)	3	0	0	3	3
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	47	0	23	24	44
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	2	0	2	0	2
		2367	1707	613	47	473(214) ¹
Phosphate/Phosphorus		Total Obs.	01/01/85 to 12/09/99	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	2	0	0	2	2
00655	PHOSPHATE, POLY (MG/L AS PO4)	297	281	16	0	34
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	22	0	22	0	12
00665	PHOSPHORUS, TOTAL (MG/L AS P)	639	494	145	0	94
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	404	388	16	0	52
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	184	71	113	0	27
		1548	1234	312	2	221(150) ¹
Sulfates/Total Dissolved Solids/Hardness		Total Obs.	01/01/85 to 12/09/99	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00900	HARDNESS, TOTAL (MG/L AS CaCO3)	1213	938	247	28	208
00945	SULFATE, TOTAL (MG/L AS SO4)	394	306	61	27	93
00946	SULFATE, DISSOLVED (MG/L AS SO4)	883	671	211	1	128
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), (MG/L)	920	674	220	26	155
		3410	2589	739	82	584(222) ¹
Bacteria		Total Obs.	01/01/85 to 12/09/99	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
31501	COLIFORM, TOT, MEMBRANE FILTER, IMMED. M-ENDOMED, 35C	182	155	27	0	51
31506	COLIFORM, TOT, MPN, CONFIRMED TEST, TUBE CONFIG.	90	1	89	0	33
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	64	1	63	0	19
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5C	143	119	24	0	47
		479	276	203	0	150 (84) ¹

¹Since 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 12/09/99	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
01000	ARSENIC, DISSOLVED (UG/L AS AS)	367	304	45	18	62
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	364	279	85	0	66
01002	ARSENIC, TOTAL (UG/L AS AS)	32	8	24	0	17
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	21	21	0	0	4
82704	BERYLLIUM, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	2	2	0	0	2
01025	CADMIUM, DISSOLVED (UG/L AS CD)	367	323	42	2	51
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	285	205	80	0	66
01027	CADMIUM, TOTAL (UG/L AS CD)	24	0	24	0	13
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	387	325	61	1	69
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	356	279	77	0	66
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	90	0	89	1	25
01034	CHROMIUM, TOTAL (UG/L AS CR)	32	8	24	0	17
01040	COPPER, DISSOLVED (UG/L AS CU)	410	325	65	20	89
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	369	278	91	0	68
01042	COPPER, TOTAL (UG/L AS CU)	323	283	40	0	51
01049	LEAD, DISSOLVED (UG/L AS PB)	367	322	42	3	52
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	282	205	77	0	64
01051	LEAD, TOTAL (UG/L AS PB)	24	0	24	0	13
71890	MERCURY, DISSOLVED (UG/L AS HG)	304	301	2	1	33
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	321	206	115	0	66
71900	MERCURY, TOTAL (UG/L AS HG)	28	0	28	0	13
01065	NICKEL, DISSOLVED (UG/L AS NI)	69	25	43	1	23
82715	NICKEL, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	124	75	49	0	25
01067	NICKEL, TOTAL (UG/L AS NI)	32	8	24	0	17
01145	SELENIUM, DISSOLVED (UG/L AS SE)	368	304	46	18	61
01147	SELENIUM, TOTAL (UG/L AS SE)	32	8	24	0	17
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE (UG/L)	363	283	80	0	71
01075	SILVER, DISSOLVED (UG/L AS AG)	366	323	41	2	48
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	282	204	78	0	65
01077	SILVER, TOTAL (UG/L AS AG)	2	0	2	0	1
01090	ZINC, DISSOLVED (UG/L AS ZN)	369	324	43	2	50
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	374	279	95	0	68
01092	ZINC, TOTAL (UG/L AS ZN)	32	8	24	0	17
00720	CYANIDE, TOTAL (MG/L AS CN)	2	0	2	0	2
		7170	5515	1586	69	1372(169) ¹

¹Since 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	2867	2296	80.1	221	75.4	13.0	10/02/48-12/09/99	56.0
pH	1901	1528	80.4	281	95.9	6.8	05/15/57-12/09/99	44.7
Conductivity	2036	1554	76.3	277	94.5	7.4	10/02/48-12/09/99	39.8
Dissolved Oxygen	891	676	75.9	183	62.5	4.9	06/29/76-12/09/99	38.0
Water Temperature	1251	901	72.0	276	94.2	4.5	10/02/48-12/09/99	24.4
Flow	540	349	64.6	171	58.4	3.2	10/02/48-12/09/99	10.5
Clarity/Turbidity	1585	1325	83.6	79	27.0	20.1	07/01/68-12/09/99	50.4
Nitrate/Nitrogen	2367	1707	72.1	214	73.0	11.1	10/02/48-12/09/99	46.2
Phosphate/Phosphorus	1548	1234	79.7	150	51.2	10.3	07/01/68-12/09/99	49.2
Chlorophyll	0	0	0.0	0	0.0	0.0	No Data For Group	0.0
Sulfates/Total Dissolved Solids/Hardness	3410	2589	75.9	222	75.8	15.4	10/02/48-12/09/99	66.6
Bacteria	479	276	57.6	84	28.7	5.7	03/24/77-01/07/92	32.4
Toxic Elements	7170	5515	76.9	169	57.7	42.4	05/15/57-12/09/99	168.4

Water Quality Observations
Outside STORET Edit Criteria for CANY
(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter	Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
CANY0005	01040 COPPER, DISSOLVED (UG/L AS CU)	800826	0945	6000.0000000	113FORS4	100501051451	X
CANY0030	00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	970828	0741	6300.0000000	21UTAH	495579	
CANY0040	01145 SELENIUM, DISSOLVED (UG/L AS SE)	961007	1100	110.0000000	21UTAH	495581	
CANY0044	00440 BICARBONATE ION (MG/L AS HCO3)	910916	1100	459.0000000	21UTAH	599500	
CANY0054	00440 BICARBONATE ION (MG/L AS HCO3)	950918	1535	578.0000000	21UTAH	599514	
CANY0054	00440 BICARBONATE ION (MG/L AS HCO3)	970428	1252	496.0000000	21UTAH	599514	
CANY0054	00440 BICARBONATE ION (MG/L AS HCO3)	970910	1100	696.0000000	21UTAH	599514	
CANY0054	00440 BICARBONATE ION (MG/L AS HCO3)	980516	1210	490.0000000	21UTAH	599514	
CANY0054	00440 BICARBONATE ION (MG/L AS HCO3)	990223	1200	524.0000000	21UTAH	599514	
CANY0054	00440 BICARBONATE ION (MG/L AS HCO3)	990510	1245	500.0000000	21UTAH	599514	
CANY0054	00440 BICARBONATE ION (MG/L AS HCO3)	990909	0915	584.0000000	21UTAH	599514	
CANY0057	00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	990805	1455	1242.0000000	21UTAH	495238	
CANY0063	00440 BICARBONATE ION (MG/L AS HCO3)	981105	0830	472.0000000	21UTAH	599516	
CANY0063	00440 BICARBONATE ION (MG/L AS HCO3)	990909	1430	498.0000000	21UTAH	599516	
CANY0064	00440 BICARBONATE ION (MG/L AS HCO3)	970910	1300	566.0000000	21UTAH	599515	
CANY0064	00440 BICARBONATE ION (MG/L AS HCO3)	980516	1408	470.0000000	21UTAH	599515	
CANY0064	00440 BICARBONATE ION (MG/L AS HCO3)	980826	0823	612.0000000	21UTAH	599515	
CANY0064	00440 BICARBONATE ION (MG/L AS HCO3)	981105	0910	474.0000000	21UTAH	599515	
CANY0064	00440 BICARBONATE ION (MG/L AS HCO3)	990223	0854	464.0000000	21UTAH	599515	
CANY0064	00440 BICARBONATE ION (MG/L AS HCO3)	990909	1337	498.0000000	21UTAH	599515	
CANY0069	00440 BICARBONATE ION (MG/L AS HCO3)	900921	1110	508.0000000	21UTAH	599511	
CANY0069	00440 BICARBONATE ION (MG/L AS HCO3)	910526	1445	599.0000000	21UTAH	599511	
CANY0069	00440 BICARBONATE ION (MG/L AS HCO3)	910821	0800	455.0000000	21UTAH	599511	
CANY0069	00440 BICARBONATE ION (MG/L AS HCO3)	920518	1230	486.0000000	21UTAH	599511	
CANY0091	00300 OXYGEN, DISSOLVED MG/L	930424	1545	45.1000000	21UTAH	599502	X
CANY0107	00440 BICARBONATE ION (MG/L AS HCO3)	900923	0900	610.0000000	21UTAH	599504	
CANY0117	00400 PH (STANDARD UNITS)	790801	0915	88.0000000	21UTAH	495570	X
CANY0153	00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	990804	1524	1050.0000000	21UTAH	493001	
CANY0153	00620 NITRATE NITROGEN, TOTAL (MG/L AS N)	860804	1506	63.0000000	21UTAH	493001	
CANY0156	00020 TEMPERATURE, AIR (DEGREES CENTIGRADE)	990413	1004	68.7000000	21UTAH	495240	X
CANY0159	00440 BICARBONATE ION (MG/L AS HCO3)	900830	1002	748.0000000	21UTAH	599510	
CANY0159	00440 BICARBONATE ION (MG/L AS HCO3)	910525	1111	994.0000000	21UTAH	599510	
CANY0159	00440 BICARBONATE ION (MG/L AS HCO3)	910826	1300	910.0000000	21UTAH	599510	
CANY0159	00440 BICARBONATE ION (MG/L AS HCO3)	920516	1540	953.0000000	21UTAH	599510	
CANY0159	70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	910525	1111	4552.0000000	21UTAH	599510	
CANY0159	70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	910826	1300	4154.0000000	21UTAH	599510	
CANY0159	70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	920516	1540	5530.0000000	21UTAH	599510	
CANY0160	00440 BICARBONATE ION (MG/L AS HCO3)	690520		662.0000000	112WRD	381138109471101	
CANY0161	70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	840424	1300	5748.0000000	11NPSWRD	CANY_ERI_SC21	
CANY0191	00440 BICARBONATE ION (MG/L AS HCO3)	910513	1520	491.0000000	21UTAH	599548	
CANY0191	00440 BICARBONATE ION (MG/L AS HCO3)	910925	1130	571.0000000	21UTAH	599548	

Water Quality Observations Outside STORET Edit Criteria for CANY

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NPS Station ID	Parameter	Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
CANY0216	00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	970909	1350	1746.0000000	21UTAH	495575	
CANY0221	70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	780728		4370.0000000	11NPSWRD	CANY_NPS_11	
CANY0236	00440 BICARBONATE ION (MG/L AS HCO3)	780327	1245	468.0000000	21UTAH	495604	
CANY0242	01501 ALPHA, TOTAL	870810	1420	2467.0000000	21UTAH	495562	
CANY0273	00076 TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	990919	1425	2501.0000000	21UTAH	599554	
CANY0273	00440 BICARBONATE ION (MG/L AS HCO3)	901027	1350	600.0000000	21UTAH	599554	
CANY0277	00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	960714	0915	99990.0000000	21UTAH	495625	
CANY0282	00094 SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	901102	1031	254500.0000000	21UTAH	495628	
CANY0282	00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	891114	1125	226700.0000000	21UTAH	495628	
CANY0282	00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	900709	1300	228700.0000000	21UTAH	495628	
CANY0282	00095 SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	901102	1031	185000.0000000	21UTAH	495628	
CANY0282	00666 PHOSPHORUS, DISSOLVED (MG/L AS P)	950523	0900	12.1600000	21UTAH	495628	
CANY0282	00900 HARDNESS, TOTAL (MG/L AS CaCO3)	891114	1125	71374.0000000	21UTAH	495628	
CANY0282	00900 HARDNESS, TOTAL (MG/L AS CaCO3)	900709	1300	65150.0000000	21UTAH	495628	
CANY0282	00900 HARDNESS, TOTAL (MG/L AS CaCO3)	901102	1031	78010.0000000	21UTAH	495628	
CANY0282	00915 CALCIUM, DISSOLVED (MG/L AS Ca)	891114	1125	23000.0000000	21UTAH	495628	
CANY0282	00915 CALCIUM, DISSOLVED (MG/L AS Ca)	900709	1300	21000.0000000	21UTAH	495628	
CANY0282	00915 CALCIUM, DISSOLVED (MG/L AS Ca)	901102	1031	25000.0000000	21UTAH	495628	
CANY0282	00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	891114	1125	3400.0000000	21UTAH	495628	
CANY0282	00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	900709	1300	3100.0000000	21UTAH	495628	
CANY0282	00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	901102	1031	3800.0000000	21UTAH	495628	
CANY0282	00930 SODIUM, DISSOLVED (MG/L AS Na)	891114	1125	63000.0000000	21UTAH	495628	
CANY0282	00930 SODIUM, DISSOLVED (MG/L AS Na)	900709	1300	59000.0000000	21UTAH	495628	
CANY0282	00930 SODIUM, DISSOLVED (MG/L AS Na)	901102	1031	65000.0000000	21UTAH	495628	
CANY0282	00935 POTASSIUM, DISSOLVED (MG/L AS K)	891114	1125	42000.0000000	21UTAH	495628	
CANY0282	00935 POTASSIUM, DISSOLVED (MG/L AS K)	900709	1300	35000.0000000	21UTAH	495628	
CANY0282	00935 POTASSIUM, DISSOLVED (MG/L AS K)	901102	1031	46000.0000000	21UTAH	495628	
CANY0282	70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	891114	1125	336290.0000000	21UTAH	495628	
CANY0282	70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	900709	1300	302750.0000000	21UTAH	495628	
CANY0282	70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	901102	1031	357530.0000000	21UTAH	495628	
CANY0287	00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	950822	1401	37.1000000	21UTAH	495627	
CANY0287	00094 SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	901102	1015	252000.0000000	21UTAH	495627	
CANY0287	00094 SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	920923	0800	264800.0000000	21UTAH	495627	
CANY0287	00094 SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	960714	1000	199990.0000000	21UTAH	495627	
CANY0287	00094 SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	961014	1000	199900.0000000	21UTAH	495627	
CANY0287	00094 SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	970120	1030	999990.0000000	21UTAH	495627	
CANY0287	00094 SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	970414	1045	199900.0000000	21UTAH	495627	
CANY0287	00094 SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	970630	1115	200000.0000000	21UTAH	495627	
CANY0287	00094 SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	971021	1115	199000.0000000	21UTAH	495627	
CANY0287	00094 SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	980105	1140	999000.0000000	21UTAH	495627	
CANY0287	00094 SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	980406	1115	199000.0000000	21UTAH	495627	

Water Quality Observations
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NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
CANY0287	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	980720	1130	199000.0000000	21UTAH	495627	
CANY0287	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	981005	1030	199900.0000000	21UTAH	495627	
CANY0287	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	990110	1230	199900.0000000	21UTAH	495627	
CANY0287	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	990412	1130	199000.0000000	21UTAH	495627	
CANY0287	00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	991004	1100	199900.0000000	21UTAH	495627	
CANY0287	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	891114	1109	224500.0000000	21UTAH	495627	
CANY0287	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	901102	1015	185000.0000000	21UTAH	495627	
CANY0287	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	920119	1400	100000.0000000	21UTAH	495627	
CANY0287	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	920923	0800	100000.0000000	21UTAH	495627	
CANY0287	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	921004	1330	100000.0000000	21UTAH	495627	
CANY0287	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	930104	0700	100000.0000000	21UTAH	495627	
CANY0287	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	930404	1300	100000.0000000	21UTAH	495627	
CANY0287	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	930712	1015	100000.0000000	21UTAH	495627	
CANY0287	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	930810	1640	100000.0000000	21UTAH	495627	
CANY0287	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	931017	1519	438750.0000000	21UTAH	495627	
CANY0287	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	940116	0840	100000.0000000	21UTAH	495627	
CANY0287	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	940404	1105	99999.0000000	21UTAH	495627	
CANY0287	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	940712	0900	99999.0000000	21UTAH	495627	
CANY0287	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	950108	1040	99999.0000000	21UTAH	495627	
CANY0287	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	950418	1045	99999.0000000	21UTAH	495627	
CANY0287	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	950730	0930	99999.0000000	21UTAH	495627	
CANY0287	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	950822	1401	99999.0000000	21UTAH	495627	
CANY0287	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	951029	1100	99999.0000000	21UTAH	495627	
CANY0287	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	960121	1230	99999.0000000	21UTAH	495627	
CANY0287	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	960421	1115	99999.0000000	21UTAH	495627	
CANY0287	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	960714	1000	99999.0000000	21UTAH	495627	
CANY0287	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	961014	1000	99999.0000000	21UTAH	495627	
CANY0287	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	970120	1030	99999.0000000	21UTAH	495627	
CANY0287	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	970414	1045	99999.0000000	21UTAH	495627	
CANY0287	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	970630	1115	99999.0000000	21UTAH	495627	
CANY0287	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	971021	1115	99999.0000000	21UTAH	495627	
CANY0287	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	980105	1140	99999.0000000	21UTAH	495627	
CANY0287	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	980406	1115	99999.0000000	21UTAH	495627	
CANY0287	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	981005	1030	99999.0000000	21UTAH	495627	
CANY0287	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	990110	1230	99999.0000000	21UTAH	495627	
CANY0287	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	990412	1130	99999.0000000	21UTAH	495627	
CANY0287	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	990712	1100	99999.0000000	21UTAH	495627	
CANY0287	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	991004	1100	99999.0000000	21UTAH	495627	
CANY0287	00405	CARBON DIOXIDE (MG/L AS CO2)	930712	1015	137.0000000	21UTAH	495627	
CANY0287	00405	CARBON DIOXIDE (MG/L AS CO2)	970630	1115	222.0000000	21UTAH	495627	
CANY0287	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	891114	1109	47299.0000000	21UTAH	495627	

Water Quality Observations
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NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
CANY0287	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	901102	1015	65972.0000000	21UTAH	495627	
CANY0287	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	920119	1400	70551.0000000	21UTAH	495627	
CANY0287	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	920923	0800	52701.0000000	21UTAH	495627	
CANY0287	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	921004	1330	78010.0000000	21UTAH	495627	
CANY0287	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	930104	0700	70551.0000000	21UTAH	495627	
CANY0287	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	930404	1300	50206.0000000	21UTAH	495627	
CANY0287	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	930712	1015	134440.0000000	21UTAH	495627	
CANY0287	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	930810	1640	80916.0000000	21UTAH	495627	
CANY0287	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	931017	1519	71374.0000000	21UTAH	495627	
CANY0287	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	940116	0840	73457.0000000	21UTAH	495627	
CANY0287	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	940404	1105	58925.0000000	21UTAH	495627	
CANY0287	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	940712	0900	68879.0000000	21UTAH	495627	
CANY0287	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	940809	1230	62655.0000000	21UTAH	495627	
CANY0287	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	941023	1115	80505.0000000	21UTAH	495627	
CANY0287	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	950108	1040	25396.0000000	21UTAH	495627	
CANY0287	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	950418	1045	54347.0000000	21UTAH	495627	
CANY0287	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	950730	0930	53935.0000000	21UTAH	495627	
CANY0287	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	950822	1401	68467.0000000	21UTAH	495627	
CANY0287	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	951029	1100	66384.0000000	21UTAH	495627	
CANY0287	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	960121	1230	80505.0000000	21UTAH	495627	
CANY0287	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	960421	1115	85474.0000000	21UTAH	495627	
CANY0287	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	960714	1000	82860.0000000	21UTAH	495627	
CANY0287	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	961014	1000	64522.0000000	21UTAH	495627	
CANY0287	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	970120	1030	84772.0000000	21UTAH	495627	
CANY0287	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	970414	1045	61407.0000000	21UTAH	495627	
CANY0287	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	970630	1115	144850.0000000	21UTAH	495627	
CANY0287	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	971021	1115	57907.0000000	21UTAH	495627	
CANY0287	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	980105	1140	79362.0000000	21UTAH	495627	
CANY0287	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	980406	1115	66885.0000000	21UTAH	495627	
CANY0287	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	980720	1130	93084.0000000	21UTAH	495627	
CANY0287	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	981005	1030	72778.0000000	21UTAH	495627	
CANY0287	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	990110	1230	66885.0000000	21UTAH	495627	
CANY0287	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	990412	1130	69748.0000000	21UTAH	495627	
CANY0287	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	990712	1100	74355.0000000	21UTAH	495627	
CANY0287	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	991004	1100	60363.0000000	21UTAH	495627	
CANY0287	00915	CALCIUM, DISSOLVED (MG/L AS Ca)	891114	1109	15000.0000000	21UTAH	495627	
CANY0287	00915	CALCIUM, DISSOLVED (MG/L AS Ca)	901102	1015	21000.0000000	21UTAH	495627	
CANY0287	00915	CALCIUM, DISSOLVED (MG/L AS Ca)	920119	1400	23000.0000000	21UTAH	495627	
CANY0287	00915	CALCIUM, DISSOLVED (MG/L AS Ca)	920923	0800	17000.0000000	21UTAH	495627	
CANY0287	00915	CALCIUM, DISSOLVED (MG/L AS Ca)	921004	1330	25000.0000000	21UTAH	495627	
CANY0287	00915	CALCIUM, DISSOLVED (MG/L AS Ca)	930104	0700	23000.0000000	21UTAH	495627	

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CANY0287	00915 CALCIUM, DISSOLVED (MG/L AS CA)	930404	1300	16000.0000000	21UTAH	495627	
CANY0287	00915 CALCIUM, DISSOLVED (MG/L AS CA)	930712	1015	43000.0000000	21UTAH	495627	
CANY0287	00915 CALCIUM, DISSOLVED (MG/L AS CA)	930810	1640	26000.0000000	21UTAH	495627	
CANY0287	00915 CALCIUM, DISSOLVED (MG/L AS CA)	931017	1519	23000.0000000	21UTAH	495627	
CANY0287	00915 CALCIUM, DISSOLVED (MG/L AS CA)	940116	0840	24000.0000000	21UTAH	495627	
CANY0287	00915 CALCIUM, DISSOLVED (MG/L AS CA)	940404	1105	19000.0000000	21UTAH	495627	
CANY0287	00915 CALCIUM, DISSOLVED (MG/L AS CA)	940712	0900	22000.0000000	21UTAH	495627	
CANY0287	00915 CALCIUM, DISSOLVED (MG/L AS CA)	940809	1230	20000.0000000	21UTAH	495627	
CANY0287	00915 CALCIUM, DISSOLVED (MG/L AS CA)	941023	1115	26000.0000000	21UTAH	495627	
CANY0287	00915 CALCIUM, DISSOLVED (MG/L AS CA)	950108	1040	8200.0000000	21UTAH	495627	
CANY0287	00915 CALCIUM, DISSOLVED (MG/L AS CA)	950418	1045	17000.0000000	21UTAH	495627	
CANY0287	00915 CALCIUM, DISSOLVED (MG/L AS CA)	950730	0930	17000.0000000	21UTAH	495627	
CANY0287	00915 CALCIUM, DISSOLVED (MG/L AS CA)	950822	1401	22000.0000000	21UTAH	495627	
CANY0287	00915 CALCIUM, DISSOLVED (MG/L AS CA)	951029	1100	21000.0000000	21UTAH	495627	
CANY0287	00915 CALCIUM, DISSOLVED (MG/L AS CA)	960121	1230	26000.0000000	21UTAH	495627	
CANY0287	00915 CALCIUM, DISSOLVED (MG/L AS CA)	960421	1115	27200.0000000	21UTAH	495627	
CANY0287	00915 CALCIUM, DISSOLVED (MG/L AS CA)	960714	1000	26400.0000000	21UTAH	495627	
CANY0287	00915 CALCIUM, DISSOLVED (MG/L AS CA)	961014	1000	20600.0000000	21UTAH	495627	
CANY0287	00915 CALCIUM, DISSOLVED (MG/L AS CA)	970120	1030	27100.0000000	21UTAH	495627	
CANY0287	00915 CALCIUM, DISSOLVED (MG/L AS CA)	970414	1045	19500.0000000	21UTAH	495627	
CANY0287	00915 CALCIUM, DISSOLVED (MG/L AS CA)	970630	1115	46200.0000000	21UTAH	495627	
CANY0287	00915 CALCIUM, DISSOLVED (MG/L AS CA)	971021	1115	22700.0000000	21UTAH	495627	
CANY0287	00915 CALCIUM, DISSOLVED (MG/L AS CA)	980105	1140	25740.0000000	21UTAH	495627	
CANY0287	00915 CALCIUM, DISSOLVED (MG/L AS CA)	980406	1115	21300.0000000	21UTAH	495627	
CANY0287	00915 CALCIUM, DISSOLVED (MG/L AS CA)	980720	1130	29640.0000000	21UTAH	495627	
CANY0287	00915 CALCIUM, DISSOLVED (MG/L AS CA)	981005	1030	23200.0000000	21UTAH	495627	
CANY0287	00915 CALCIUM, DISSOLVED (MG/L AS CA)	990110	1230	21300.0000000	21UTAH	495627	
CANY0287	00915 CALCIUM, DISSOLVED (MG/L AS CA)	990412	1130	22200.0000000	21UTAH	495627	
CANY0287	00915 CALCIUM, DISSOLVED (MG/L AS CA)	990712	1100	23700.0000000	21UTAH	495627	
CANY0287	00915 CALCIUM, DISSOLVED (MG/L AS CA)	991004	1100	18900.0000000	21UTAH	495627	
CANY0287	00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	891114	1109	2400.0000000	21UTAH	495627	
CANY0287	00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	901102	1015	3300.0000000	21UTAH	495627	
CANY0287	00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	920119	1400	3200.0000000	21UTAH	495627	
CANY0287	00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	920923	0800	2500.0000000	21UTAH	495627	
CANY0287	00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	921004	1330	3800.0000000	21UTAH	495627	
CANY0287	00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	930104	0700	3200.0000000	21UTAH	495627	
CANY0287	00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	930404	1300	2500.0000000	21UTAH	495627	
CANY0287	00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	930712	1015	6600.0000000	21UTAH	495627	
CANY0287	00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	930810	1640	3900.0000000	21UTAH	495627	
CANY0287	00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	931017	1519	3400.0000000	21UTAH	495627	
CANY0287	00925 MAGNESIUM, DISSOLVED (MG/L AS MG)	940116	0840	3300.0000000	21UTAH	495627	

Water Quality Observations
Outside STORET Edit Criteria for CANY
(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter	Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
CANY0287	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	940404	1105	2800.0000000	21UTAH	495627
CANY0287	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	940712	0900	3400.0000000	21UTAH	495627
CANY0287	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	940809	1230	3100.0000000	21UTAH	495627
CANY0287	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	941023	1115	3800.0000000	21UTAH	495627
CANY0287	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	950108	1040	1200.0000000	21UTAH	495627
CANY0287	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	950418	1045	2900.0000000	21UTAH	495627
CANY0287	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	950730	0930	2800.0000000	21UTAH	495627
CANY0287	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	950822	1401	3300.0000000	21UTAH	495627
CANY0287	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	951029	1100	3400.0000000	21UTAH	495627
CANY0287	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	960121	1230	3800.0000000	21UTAH	495627
CANY0287	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	960421	1115	4280.0000000	21UTAH	495627
CANY0287	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	960714	1000	4130.0000000	21UTAH	495627
CANY0287	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	961014	1000	3190.0000000	21UTAH	495627
CANY0287	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	970120	1030	4170.0000000	21UTAH	495627
CANY0287	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	970414	1045	3100.0000000	21UTAH	495627
CANY0287	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	970630	1115	7190.0000000	21UTAH	495627
CANY0287	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	980105	1140	3680.0000000	21UTAH	495627
CANY0287	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	980406	1115	3340.0000000	21UTAH	495627
CANY0287	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	980720	1130	4650.0000000	21UTAH	495627
CANY0287	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	981005	1030	3620.0000000	21UTAH	495627
CANY0287	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	990110	1230	3340.0000000	21UTAH	495627
CANY0287	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	990412	1130	3490.0000000	21UTAH	495627
CANY0287	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	990712	1100	3700.0000000	21UTAH	495627
CANY0287	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	991004	1100	3210.0000000	21UTAH	495627
CANY0287	00930	SODIUM, DISSOLVED (MG/L AS NA)	891114	1109	61000.0000000	21UTAH	495627
CANY0287	00930	SODIUM, DISSOLVED (MG/L AS NA)	901102	1015	65000.0000000	21UTAH	495627
CANY0287	00930	SODIUM, DISSOLVED (MG/L AS NA)	920119	1400	69000.0000000	21UTAH	495627
CANY0287	00930	SODIUM, DISSOLVED (MG/L AS NA)	920923	0800	66000.0000000	21UTAH	495627
CANY0287	00930	SODIUM, DISSOLVED (MG/L AS NA)	921004	1330	77000.0000000	21UTAH	495627
CANY0287	00930	SODIUM, DISSOLVED (MG/L AS NA)	930104	0700	67000.0000000	21UTAH	495627
CANY0287	00930	SODIUM, DISSOLVED (MG/L AS NA)	930404	1300	62000.0000000	21UTAH	495627
CANY0287	00930	SODIUM, DISSOLVED (MG/L AS NA)	930712	1015	58000.0000000	21UTAH	495627
CANY0287	00930	SODIUM, DISSOLVED (MG/L AS NA)	930810	1640	69000.0000000	21UTAH	495627
CANY0287	00930	SODIUM, DISSOLVED (MG/L AS NA)	931017	1519	69000.0000000	21UTAH	495627
CANY0287	00930	SODIUM, DISSOLVED (MG/L AS NA)	940116	0840	67000.0000000	21UTAH	495627
CANY0287	00930	SODIUM, DISSOLVED (MG/L AS NA)	940404	1105	56000.0000000	21UTAH	495627
CANY0287	00930	SODIUM, DISSOLVED (MG/L AS NA)	940712	0900	74000.0000000	21UTAH	495627
CANY0287	00930	SODIUM, DISSOLVED (MG/L AS NA)	940809	1230	77000.0000000	21UTAH	495627
CANY0287	00930	SODIUM, DISSOLVED (MG/L AS NA)	941023	1115	68000.0000000	21UTAH	495627
CANY0287	00930	SODIUM, DISSOLVED (MG/L AS NA)	950108	1040	100000.0000000	21UTAH	495627
CANY0287	00930	SODIUM, DISSOLVED (MG/L AS NA)	950418	1045	56000.0000000	21UTAH	495627

Water Quality Observations
Outside STORET Edit Criteria for CANY
(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter	Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
CANY0287	00930 SODIUM, DISSOLVED (MG/L AS NA)	950730	0930	52000.0000000	21UTAH	495627	
CANY0287	00930 SODIUM, DISSOLVED (MG/L AS NA)	950822	1401	54000.0000000	21UTAH	495627	
CANY0287	00930 SODIUM, DISSOLVED (MG/L AS NA)	951029	1100	67000.0000000	21UTAH	495627	
CANY0287	00930 SODIUM, DISSOLVED (MG/L AS NA)	960121	1230	63000.0000000	21UTAH	495627	
CANY0287	00930 SODIUM, DISSOLVED (MG/L AS NA)	960421	1115	70800.0000000	21UTAH	495627	
CANY0287	00930 SODIUM, DISSOLVED (MG/L AS NA)	960714	1000	66800.0000000	21UTAH	495627	
CANY0287	00930 SODIUM, DISSOLVED (MG/L AS NA)	961014	1000	59100.0000000	21UTAH	495627	
CANY0287	00930 SODIUM, DISSOLVED (MG/L AS NA)	970120	1030	64600.0000000	21UTAH	495627	
CANY0287	00930 SODIUM, DISSOLVED (MG/L AS NA)	970414	1045	52700.0000000	21UTAH	495627	
CANY0287	00930 SODIUM, DISSOLVED (MG/L AS NA)	970630	1115	73200.0000000	21UTAH	495627	
CANY0287	00930 SODIUM, DISSOLVED (MG/L AS NA)	971021	1115	51500.0000000	21UTAH	495627	
CANY0287	00930 SODIUM, DISSOLVED (MG/L AS NA)	980105	1140	59400.0000000	21UTAH	495627	
CANY0287	00930 SODIUM, DISSOLVED (MG/L AS NA)	980406	1115	51800.0000000	21UTAH	495627	
CANY0287	00930 SODIUM, DISSOLVED (MG/L AS NA)	980720	1130	67800.0000000	21UTAH	495627	
CANY0287	00930 SODIUM, DISSOLVED (MG/L AS NA)	981005	1030	59000.0000000	21UTAH	495627	
CANY0287	00930 SODIUM, DISSOLVED (MG/L AS NA)	990110	1230	65200.0000000	21UTAH	495627	
CANY0287	00930 SODIUM, DISSOLVED (MG/L AS NA)	990412	1130	66800.0000000	21UTAH	495627	
CANY0287	00930 SODIUM, DISSOLVED (MG/L AS NA)	990712	1100	70000.0000000	21UTAH	495627	
CANY0287	00930 SODIUM, DISSOLVED (MG/L AS NA)	991004	1100	59600.0000000	21UTAH	495627	
CANY0287	00935 POTASSIUM, DISSOLVED (MG/L AS K)	891114	1109	38000.0000000	21UTAH	495627	
CANY0287	00935 POTASSIUM, DISSOLVED (MG/L AS K)	901102	1015	42000.0000000	21UTAH	495627	
CANY0287	00935 POTASSIUM, DISSOLVED (MG/L AS K)	920119	1400	43000.0000000	21UTAH	495627	
CANY0287	00935 POTASSIUM, DISSOLVED (MG/L AS K)	920923	0800	35000.0000000	21UTAH	495627	
CANY0287	00935 POTASSIUM, DISSOLVED (MG/L AS K)	921004	1330	46000.0000000	21UTAH	495627	
CANY0287	00935 POTASSIUM, DISSOLVED (MG/L AS K)	930104	0700	43000.0000000	21UTAH	495627	
CANY0287	00935 POTASSIUM, DISSOLVED (MG/L AS K)	930404	1300	36000.0000000	21UTAH	495627	
CANY0287	00935 POTASSIUM, DISSOLVED (MG/L AS K)	930712	1015	40000.0000000	21UTAH	495627	
CANY0287	00935 POTASSIUM, DISSOLVED (MG/L AS K)	930810	1640	41000.0000000	21UTAH	495627	
CANY0287	00935 POTASSIUM, DISSOLVED (MG/L AS K)	931017	1519	46000.0000000	21UTAH	495627	
CANY0287	00935 POTASSIUM, DISSOLVED (MG/L AS K)	940116	0840	42000.0000000	21UTAH	495627	
CANY0287	00935 POTASSIUM, DISSOLVED (MG/L AS K)	940404	1105	37000.0000000	21UTAH	495627	
CANY0287	00935 POTASSIUM, DISSOLVED (MG/L AS K)	940712	0900	45000.0000000	21UTAH	495627	
CANY0287	00935 POTASSIUM, DISSOLVED (MG/L AS K)	940809	1230	46000.0000000	21UTAH	495627	
CANY0287	00935 POTASSIUM, DISSOLVED (MG/L AS K)	941023	1115	45000.0000000	21UTAH	495627	
CANY0287	00935 POTASSIUM, DISSOLVED (MG/L AS K)	950108	1040	27000.0000000	21UTAH	495627	
CANY0287	00935 POTASSIUM, DISSOLVED (MG/L AS K)	950418	1045	33000.0000000	21UTAH	495627	
CANY0287	00935 POTASSIUM, DISSOLVED (MG/L AS K)	950730	0930	31000.0000000	21UTAH	495627	
CANY0287	00935 POTASSIUM, DISSOLVED (MG/L AS K)	950822	1401	35000.0000000	21UTAH	495627	
CANY0287	00935 POTASSIUM, DISSOLVED (MG/L AS K)	951029	1100	43000.0000000	21UTAH	495627	
CANY0287	00935 POTASSIUM, DISSOLVED (MG/L AS K)	960121	1230	43000.0000000	21UTAH	495627	
CANY0287	00935 POTASSIUM, DISSOLVED (MG/L AS K)	960421	1115	47200.0000000	21UTAH	495627	

Water Quality Observations
Outside STORET Edit Criteria for CANY
(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter	Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
CANY0287	00935 POTASSIUM, DISSOLVED (MG/L AS K)	960714	1000	45000.0000000	21UTAH	495627	
CANY0287	00935 POTASSIUM, DISSOLVED (MG/L AS K)	961014	1000	38400.0000000	21UTAH	495627	
CANY0287	00935 POTASSIUM, DISSOLVED (MG/L AS K)	970120	1030	42400.0000000	21UTAH	495627	
CANY0287	00935 POTASSIUM, DISSOLVED (MG/L AS K)	970414	1045	35400.0000000	21UTAH	495627	
CANY0287	00935 POTASSIUM, DISSOLVED (MG/L AS K)	970630	1115	44200.0000000	21UTAH	495627	
CANY0287	00935 POTASSIUM, DISSOLVED (MG/L AS K)	971021	1115	35300.0000000	21UTAH	495627	
CANY0287	00935 POTASSIUM, DISSOLVED (MG/L AS K)	980105	1140	46500.0000000	21UTAH	495627	
CANY0287	00935 POTASSIUM, DISSOLVED (MG/L AS K)	980406	1115	39559.0000000	21UTAH	495627	
CANY0287	00935 POTASSIUM, DISSOLVED (MG/L AS K)	980720	1130	45900.0000000	21UTAH	495627	
CANY0287	00935 POTASSIUM, DISSOLVED (MG/L AS K)	981005	1030	40300.0000000	21UTAH	495627	
CANY0287	00935 POTASSIUM, DISSOLVED (MG/L AS K)	990110	1230	42200.0000000	21UTAH	495627	
CANY0287	00935 POTASSIUM, DISSOLVED (MG/L AS K)	990412	1130	42900.0000000	21UTAH	495627	
CANY0287	00935 POTASSIUM, DISSOLVED (MG/L AS K)	990712	1100	46700.0000000	21UTAH	495627	
CANY0287	00935 POTASSIUM, DISSOLVED (MG/L AS K)	991004	1100	39500.0000000	21UTAH	495627	
CANY0287	01056 MANGANESE, DISSOLVED (UG/L AS MN)	941023	1115	6100.0000000	21UTAH	495627	
CANY0287	70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	891114	1109	291170.0000000	21UTAH	495627	
CANY0287	70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	901102	1015	337230.0000000	21UTAH	495627	
CANY0287	70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	920119	1400	339030.0000000	21UTAH	495627	
CANY0287	70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	920923	0800	298520.0000000	21UTAH	495627	
CANY0287	70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	921004	1330	371410.0000000	21UTAH	495627	
CANY0287	70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	930104	0700	339850.0000000	21UTAH	495627	
CANY0287	70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	930404	1300	284560.0000000	21UTAH	495627	
CANY0287	70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	930712	1015	380000.0000000	21UTAH	495627	
CANY0287	70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	930810	1640	367500.0000000	21UTAH	495627	
CANY0287	70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	931017	1519	355850.0000000	21UTAH	495627	
CANY0287	70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	940116	0840	335140.0000000	21UTAH	495627	
CANY0287	70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	940404	1105	303100.0000000	21UTAH	495627	
CANY0287	70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	940712	0900	354060.0000000	21UTAH	495627	
CANY0287	70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	940809	1230	352880.0000000	21UTAH	495627	
CANY0287	70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	941023	1115	353150.0000000	21UTAH	495627	
CANY0287	70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	950108	1040	343150.0000000	21UTAH	495627	
CANY0287	70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	950418	1045	261660.0000000	21UTAH	495627	
CANY0287	70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	950730	0930	270670.0000000	21UTAH	495627	
CANY0287	70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	950822	1401	285650.0000000	21UTAH	495627	
CANY0287	70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	951029	1100	346160.0000000	21UTAH	495627	
CANY0287	70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	960121	1230	354720.0000000	21UTAH	495627	
CANY0287	70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	960421	1115	352190.0000000	21UTAH	495627	
CANY0287	70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	960714	1000	333090.0000000	21UTAH	495627	
CANY0287	70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	961014	1000	318910.0000000	21UTAH	495627	
CANY0287	70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	970120	1030	339280.0000000	21UTAH	495627	
CANY0287	70300 RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	970414	1045	275130.0000000	21UTAH	495627	

Water Quality Observations
Outside STORET Edit Criteria for CANY
(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter	Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
CANY0287	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	970630	1115	383630.0000000	21UTAH	495627
CANY0287	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	971021	1115	324610.0000000	21UTAH	495627
CANY0287	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	980105	1140	336720.0000000	21UTAH	495627
CANY0287	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	980406	1115	306110.0000000	21UTAH	495627
CANY0287	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	980720	1130	383260.0000000	21UTAH	495627
CANY0287	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	981005	1030	312040.0000000	21UTAH	495627
CANY0287	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	990110	1230	341850.0000000	21UTAH	495627
CANY0287	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	990412	1130	327190.0000000	21UTAH	495627
CANY0287	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	990712	1100	402040.0000000	21UTAH	495627
CANY0287	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	991004	1100	310780.0000000	21UTAH	495627
CANY0288	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	781023	1330	56.0000000	21UTAH	495586
CANY0288	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	780314	1845	1200.0000000	21UTAH	495586
CANY0290	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	901102	1124	254400.0000000	21UTAH	495626
CANY0290	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	920923	0830	247100.0000000	21UTAH	495626
CANY0290	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	960714	1030	199900.0000000	21UTAH	495626
CANY0290	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	970120	0755	999990.0000000	21UTAH	495626
CANY0290	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	970414	0800	199900.0000000	21UTAH	495626
CANY0290	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	970630	1045	200000.0000000	21UTAH	495626
CANY0290	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	971021	1015	199000.0000000	21UTAH	495626
CANY0290	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	980105	0815	999000.0000000	21UTAH	495626
CANY0290	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	980406	0800	199000.0000000	21UTAH	495626
CANY0290	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	980720	0815	199000.0000000	21UTAH	495626
CANY0290	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	981005	0800	199900.0000000	21UTAH	495626
CANY0290	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	990110	1000	199990.0000000	21UTAH	495626
CANY0290	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	990412	0745	199000.0000000	21UTAH	495626
CANY0290	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	991004	0720	199900.0000000	21UTAH	495626
CANY0290	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	891114	1145	220300.0000000	21UTAH	495626
CANY0290	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	901102	1124	187300.0000000	21UTAH	495626
CANY0290	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	920119	1330	100000.0000000	21UTAH	495626
CANY0290	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	920923	0830	100000.0000000	21UTAH	495626
CANY0290	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	930104	0624	100000.0000000	21UTAH	495626
CANY0290	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	930404	1130	100000.0000000	21UTAH	495626
CANY0290	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	930712	1100	100000.0000000	21UTAH	495626
CANY0290	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	930810	0930	100000.0000000	21UTAH	495626
CANY0290	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	931017	1550	436100.0000000	21UTAH	495626
CANY0290	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	940116	0810	100000.0000000	21UTAH	495626
CANY0290	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	940404	1136	99999.0000000	21UTAH	495626
CANY0290	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	940712	0830	99999.0000000	21UTAH	495626
CANY0290	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	950108	1015	99999.0000000	21UTAH	495626
CANY0290	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	950822	1345	99999.0000000	21UTAH	495626
CANY0290	00095	SPECIFIC CONDUCTANCE (UMHOS/CM 25C)	951029	0920	99999.0000000	21UTAH	495626

Water Quality Observations
Outside STORET Edit Criteria for CANY
(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter	Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
CANY0290	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	960121	1045	99999.0000000	21UTAH	495626
CANY0290	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	960421	0915	99999.0000000	21UTAH	495626
CANY0290	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	960714	1030	99999.0000000	21UTAH	495626
CANY0290	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	961014	0750	99999.0000000	21UTAH	495626
CANY0290	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	970120	0755	99999.0000000	21UTAH	495626
CANY0290	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	970414	0800	99999.0000000	21UTAH	495626
CANY0290	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	970630	1045	99999.0000000	21UTAH	495626
CANY0290	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	971021	1015	99999.0000000	21UTAH	495626
CANY0290	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	980105	0815	99999.0000000	21UTAH	495626
CANY0290	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	980406	0800	99999.0000000	21UTAH	495626
CANY0290	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	981005	0800	99999.0000000	21UTAH	495626
CANY0290	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	990110	1000	99999.0000000	21UTAH	495626
CANY0290	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	990412	0745	99999.0000000	21UTAH	495626
CANY0290	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	990712	0715	99999.0000000	21UTAH	495626
CANY0290	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	991004	0720	99999.0000000	21UTAH	495626
CANY0290	00405	CARBON DIOXIDE (MG/L AS CO2)	941023	1145	137.0000000	21UTAH	495626
CANY0290	00405	CARBON DIOXIDE (MG/L AS CO2)	970414	0800	3350.0000000	21UTAH	495626
CANY0290	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	891114	1145	11165.0000000	21UTAH	495626
CANY0290	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	901102	1124	18423.0000000	21UTAH	495626
CANY0290	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	920119	1330	17304.0000000	21UTAH	495626
CANY0290	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	920923	0830	8132.8000000	21UTAH	495626
CANY0290	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	930404	1130	16018.0000000	21UTAH	495626
CANY0290	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	931017	1550	12988.0000000	21UTAH	495626
CANY0290	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	940116	0810	22989.0000000	21UTAH	495626
CANY0290	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	940404	1136	16474.0000000	21UTAH	495626
CANY0290	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	941023	1145	23238.0000000	21UTAH	495626
CANY0290	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	950108	1015	74280.0000000	21UTAH	495626
CANY0290	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	951029	0920	28215.0000000	21UTAH	495626
CANY0290	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	960121	1045	25895.0000000	21UTAH	495626
CANY0290	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	960421	0915	10011.0000000	21UTAH	495626
CANY0290	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	960714	1030	8113.6000000	21UTAH	495626
CANY0290	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	961014	0750	29994.0000000	21UTAH	495626
CANY0290	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	970120	0755	25223.0000000	21UTAH	495626
CANY0290	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	970414	0800	24750.0000000	21UTAH	495626
CANY0290	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	970630	1045	13885.0000000	21UTAH	495626
CANY0290	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	971021	1015	16488.0000000	21UTAH	495626
CANY0290	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	980105	0815	22905.0000000	21UTAH	495626
CANY0290	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	980406	0800	20270.0000000	21UTAH	495626
CANY0290	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	980720	0815	5089.6000000	21UTAH	495626
CANY0290	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	981005	0800	21428.0000000	21UTAH	495626
CANY0290	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	990110	1000	27509.0000000	21UTAH	495626

Water Quality Observations
Outside STORET Edit Criteria for CANY
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NPS Station ID	Parameter	Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
CANY0290	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	990412	0745	22382.0000000	21UTAH	495626
CANY0290	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	990712	0715	9416.3000000	21UTAH	495626
CANY0290	00900	HARDNESS, TOTAL (MG/L AS CaCO3)	991004	0720	25178.0000000	21UTAH	495626
CANY0290	00915	CALCIUM, DISSOLVED (MG/L AS Ca)	891114	1145	3700.0000000	21UTAH	495626
CANY0290	00915	CALCIUM, DISSOLVED (MG/L AS Ca)	901102	1124	5900.0000000	21UTAH	495626
CANY0290	00915	CALCIUM, DISSOLVED (MG/L AS Ca)	920119	1330	5600.0000000	21UTAH	495626
CANY0290	00915	CALCIUM, DISSOLVED (MG/L AS Ca)	920923	0830	2600.0000000	21UTAH	495626
CANY0290	00915	CALCIUM, DISSOLVED (MG/L AS Ca)	930104	0624	1300.0000000	21UTAH	495626
CANY0290	00915	CALCIUM, DISSOLVED (MG/L AS Ca)	930404	1130	5200.0000000	21UTAH	495626
CANY0290	00915	CALCIUM, DISSOLVED (MG/L AS Ca)	931017	1550	4200.0000000	21UTAH	495626
CANY0290	00915	CALCIUM, DISSOLVED (MG/L AS Ca)	940116	0810	7400.0000000	21UTAH	495626
CANY0290	00915	CALCIUM, DISSOLVED (MG/L AS Ca)	940404	1136	5300.0000000	21UTAH	495626
CANY0290	00915	CALCIUM, DISSOLVED (MG/L AS Ca)	941023	1145	7500.0000000	21UTAH	495626
CANY0290	00915	CALCIUM, DISSOLVED (MG/L AS Ca)	950108	1015	24000.0000000	21UTAH	495626
CANY0290	00915	CALCIUM, DISSOLVED (MG/L AS Ca)	950730	0945	1300.0000000	21UTAH	495626
CANY0290	00915	CALCIUM, DISSOLVED (MG/L AS Ca)	950822	1345	1300.0000000	21UTAH	495626
CANY0290	00915	CALCIUM, DISSOLVED (MG/L AS Ca)	951029	0920	9000.0000000	21UTAH	495626
CANY0290	00915	CALCIUM, DISSOLVED (MG/L AS Ca)	960121	1045	8400.0000000	21UTAH	495626
CANY0290	00915	CALCIUM, DISSOLVED (MG/L AS Ca)	960421	0915	3320.0000000	21UTAH	495626
CANY0290	00915	CALCIUM, DISSOLVED (MG/L AS Ca)	960714	1030	2810.0000000	21UTAH	495626
CANY0290	00915	CALCIUM, DISSOLVED (MG/L AS Ca)	961014	0750	9680.0000000	21UTAH	495626
CANY0290	00915	CALCIUM, DISSOLVED (MG/L AS Ca)	970120	0755	8180.0000000	21UTAH	495626
CANY0290	00915	CALCIUM, DISSOLVED (MG/L AS Ca)	970414	0800	8040.0000000	21UTAH	495626
CANY0290	00915	CALCIUM, DISSOLVED (MG/L AS Ca)	970630	1045	4510.0000000	21UTAH	495626
CANY0290	00915	CALCIUM, DISSOLVED (MG/L AS Ca)	971021	1015	6480.0000000	21UTAH	495626
CANY0290	00915	CALCIUM, DISSOLVED (MG/L AS Ca)	980105	0815	7350.0000000	21UTAH	495626
CANY0290	00915	CALCIUM, DISSOLVED (MG/L AS Ca)	980406	0800	6500.0000000	21UTAH	495626
CANY0290	00915	CALCIUM, DISSOLVED (MG/L AS Ca)	980720	0815	1720.0000000	21UTAH	495626
CANY0290	00915	CALCIUM, DISSOLVED (MG/L AS Ca)	981005	0800	6890.0000000	21UTAH	495626
CANY0290	00915	CALCIUM, DISSOLVED (MG/L AS Ca)	990110	1000	9080.0000000	21UTAH	495626
CANY0290	00915	CALCIUM, DISSOLVED (MG/L AS Ca)	990412	0745	7190.0000000	21UTAH	495626
CANY0290	00915	CALCIUM, DISSOLVED (MG/L AS Ca)	990712	0715	3060.0000000	21UTAH	495626
CANY0290	00915	CALCIUM, DISSOLVED (MG/L AS Ca)	991004	0720	8030.0000000	21UTAH	495626
CANY0290	00925	MAGNESIUM, DISSOLVED (MG/L AS Mg)	940116	0810	1100.0000000	21UTAH	495626
CANY0290	00925	MAGNESIUM, DISSOLVED (MG/L AS Mg)	941023	1145	1100.0000000	21UTAH	495626
CANY0290	00925	MAGNESIUM, DISSOLVED (MG/L AS Mg)	950108	1015	3500.0000000	21UTAH	495626
CANY0290	00925	MAGNESIUM, DISSOLVED (MG/L AS Mg)	951029	0920	1400.0000000	21UTAH	495626
CANY0290	00925	MAGNESIUM, DISSOLVED (MG/L AS Mg)	960121	1045	1200.0000000	21UTAH	495626
CANY0290	00925	MAGNESIUM, DISSOLVED (MG/L AS Mg)	961014	0750	1420.0000000	21UTAH	495626
CANY0290	00925	MAGNESIUM, DISSOLVED (MG/L AS Mg)	970120	0755	1170.0000000	21UTAH	495626
CANY0290	00925	MAGNESIUM, DISSOLVED (MG/L AS Mg)	970414	0800	1140.0000000	21UTAH	495626

Water Quality Observations
Outside STORET Edit Criteria for CANY
(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter	Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
CANY0290	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	980105	0815	1110.0000000	21UTAH	495626
CANY0290	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	981005	0800	1030.0000000	21UTAH	495626
CANY0290	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	990110	1000	1180.0000000	21UTAH	495626
CANY0290	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	990412	0745	1080.0000000	21UTAH	495626
CANY0290	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	991004	0720	1250.0000000	21UTAH	495626
CANY0290	00930	SODIUM, DISSOLVED (MG/L AS NA)	891114	1145	100000.0000000	21UTAH	495626
CANY0290	00930	SODIUM, DISSOLVED (MG/L AS NA)	901102	1124	100000.0000000	21UTAH	495626
CANY0290	00930	SODIUM, DISSOLVED (MG/L AS NA)	920119	1330	97000.0000000	21UTAH	495626
CANY0290	00930	SODIUM, DISSOLVED (MG/L AS NA)	920923	0830	96000.0000000	21UTAH	495626
CANY0290	00930	SODIUM, DISSOLVED (MG/L AS NA)	930104	0624	73000.0000000	21UTAH	495626
CANY0290	00930	SODIUM, DISSOLVED (MG/L AS NA)	930404	1130	110000.0000000	21UTAH	495626
CANY0290	00930	SODIUM, DISSOLVED (MG/L AS NA)	930712	1100	120000.0000000	21UTAH	495626
CANY0290	00930	SODIUM, DISSOLVED (MG/L AS NA)	930810	0930	120000.0000000	21UTAH	495626
CANY0290	00930	SODIUM, DISSOLVED (MG/L AS NA)	931017	1550	110000.0000000	21UTAH	495626
CANY0290	00930	SODIUM, DISSOLVED (MG/L AS NA)	940116	0810	100000.0000000	21UTAH	495626
CANY0290	00930	SODIUM, DISSOLVED (MG/L AS NA)	940404	1136	100000.0000000	21UTAH	495626
CANY0290	00930	SODIUM, DISSOLVED (MG/L AS NA)	940712	0830	110000.0000000	21UTAH	495626
CANY0290	00930	SODIUM, DISSOLVED (MG/L AS NA)	940809	1200	110000.0000000	21UTAH	495626
CANY0290	00930	SODIUM, DISSOLVED (MG/L AS NA)	941023	1145	110000.0000000	21UTAH	495626
CANY0290	00930	SODIUM, DISSOLVED (MG/L AS NA)	950108	1015	65000.0000000	21UTAH	495626
CANY0290	00930	SODIUM, DISSOLVED (MG/L AS NA)	950730	0945	93000.0000000	21UTAH	495626
CANY0290	00930	SODIUM, DISSOLVED (MG/L AS NA)	950822	1345	97000.0000000	21UTAH	495626
CANY0290	00930	SODIUM, DISSOLVED (MG/L AS NA)	951029	0920	97000.0000000	21UTAH	495626
CANY0290	00930	SODIUM, DISSOLVED (MG/L AS NA)	960121	1045	97000.0000000	21UTAH	495626
CANY0290	00930	SODIUM, DISSOLVED (MG/L AS NA)	960421	0915	104000.0000000	21UTAH	495626
CANY0290	00930	SODIUM, DISSOLVED (MG/L AS NA)	960714	1030	101000.0000000	21UTAH	495626
CANY0290	00930	SODIUM, DISSOLVED (MG/L AS NA)	961014	0750	92200.0000000	21UTAH	495626
CANY0290	00930	SODIUM, DISSOLVED (MG/L AS NA)	970120	0755	99400.0000000	21UTAH	495626
CANY0290	00930	SODIUM, DISSOLVED (MG/L AS NA)	970414	0800	104000.0000000	21UTAH	495626
CANY0290	00930	SODIUM, DISSOLVED (MG/L AS NA)	970630	1045	105000.0000000	21UTAH	495626
CANY0290	00930	SODIUM, DISSOLVED (MG/L AS NA)	971021	1015	98000.0000000	21UTAH	495626
CANY0290	00930	SODIUM, DISSOLVED (MG/L AS NA)	980105	0815	96900.0000000	21UTAH	495626
CANY0290	00930	SODIUM, DISSOLVED (MG/L AS NA)	980406	0800	101660.0000000	21UTAH	495626
CANY0290	00930	SODIUM, DISSOLVED (MG/L AS NA)	980720	0815	108400.0000000	21UTAH	495626
CANY0290	00930	SODIUM, DISSOLVED (MG/L AS NA)	981005	0800	105000.0000000	21UTAH	495626
CANY0290	00930	SODIUM, DISSOLVED (MG/L AS NA)	990110	1000	96400.0000000	21UTAH	495626
CANY0290	00930	SODIUM, DISSOLVED (MG/L AS NA)	990412	0745	106000.0000000	21UTAH	495626
CANY0290	00930	SODIUM, DISSOLVED (MG/L AS NA)	990712	0715	113000.0000000	21UTAH	495626
CANY0290	00930	SODIUM, DISSOLVED (MG/L AS NA)	991004	0720	91700.0000000	21UTAH	495626
CANY0290	00935	POTASSIUM, DISSOLVED (MG/L AS K)	891114	1145	20000.0000000	21UTAH	495626
CANY0290	00935	POTASSIUM, DISSOLVED (MG/L AS K)	901102	1124	33000.0000000	21UTAH	495626

Water Quality Observations
Outside STORET Edit Criteria for CANY
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NPS Station ID	Parameter	Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
CANY0290	00935	POTASSIUM, DISSOLVED (MG/L AS K)	920119	1330	24000.0000000	21UTAH	495626
CANY0290	00935	POTASSIUM, DISSOLVED (MG/L AS K)	920923	0830	10000.0000000	21UTAH	495626
CANY0290	00935	POTASSIUM, DISSOLVED (MG/L AS K)	930104	0624	4100.0000000	21UTAH	495626
CANY0290	00935	POTASSIUM, DISSOLVED (MG/L AS K)	930404	1130	21000.0000000	21UTAH	495626
CANY0290	00935	POTASSIUM, DISSOLVED (MG/L AS K)	930712	1100	2500.0000000	21UTAH	495626
CANY0290	00935	POTASSIUM, DISSOLVED (MG/L AS K)	930810	0930	2000.0000000	21UTAH	495626
CANY0290	00935	POTASSIUM, DISSOLVED (MG/L AS K)	931017	1550	22000.0000000	21UTAH	495626
CANY0290	00935	POTASSIUM, DISSOLVED (MG/L AS K)	940116	0810	25000.0000000	21UTAH	495626
CANY0290	00935	POTASSIUM, DISSOLVED (MG/L AS K)	940404	1136	22000.0000000	21UTAH	495626
CANY0290	00935	POTASSIUM, DISSOLVED (MG/L AS K)	940712	0830	3700.0000000	21UTAH	495626
CANY0290	00935	POTASSIUM, DISSOLVED (MG/L AS K)	940809	1200	4100.0000000	21UTAH	495626
CANY0290	00935	POTASSIUM, DISSOLVED (MG/L AS K)	941023	1145	24000.0000000	21UTAH	495626
CANY0290	00935	POTASSIUM, DISSOLVED (MG/L AS K)	950108	1015	42000.0000000	21UTAH	495626
CANY0290	00935	POTASSIUM, DISSOLVED (MG/L AS K)	950418	1100	500.0000000	21UTAH	495626
CANY0290	00935	POTASSIUM, DISSOLVED (MG/L AS K)	950730	0945	2100.0000000	21UTAH	495626
CANY0290	00935	POTASSIUM, DISSOLVED (MG/L AS K)	950822	1345	2600.0000000	21UTAH	495626
CANY0290	00935	POTASSIUM, DISSOLVED (MG/L AS K)	951029	0920	27000.0000000	21UTAH	495626
CANY0290	00935	POTASSIUM, DISSOLVED (MG/L AS K)	960121	1045	28000.0000000	21UTAH	495626
CANY0290	00935	POTASSIUM, DISSOLVED (MG/L AS K)	960421	0915	11700.0000000	21UTAH	495626
CANY0290	00935	POTASSIUM, DISSOLVED (MG/L AS K)	960714	1030	4674.0000000	21UTAH	495626
CANY0290	00935	POTASSIUM, DISSOLVED (MG/L AS K)	961014	0750	23600.0000000	21UTAH	495626
CANY0290	00935	POTASSIUM, DISSOLVED (MG/L AS K)	970120	0755	24300.0000000	21UTAH	495626
CANY0290	00935	POTASSIUM, DISSOLVED (MG/L AS K)	970414	0800	23800.0000000	21UTAH	495626
CANY0290	00935	POTASSIUM, DISSOLVED (MG/L AS K)	970630	1045	15100.0000000	21UTAH	495626
CANY0290	00935	POTASSIUM, DISSOLVED (MG/L AS K)	971021	1015	18600.0000000	21UTAH	495626
CANY0290	00935	POTASSIUM, DISSOLVED (MG/L AS K)	980105	0815	19200.0000000	21UTAH	495626
CANY0290	00935	POTASSIUM, DISSOLVED (MG/L AS K)	980406	0800	20300.0000000	21UTAH	495626
CANY0290	00935	POTASSIUM, DISSOLVED (MG/L AS K)	980720	0815	3970.0000000	21UTAH	495626
CANY0290	00935	POTASSIUM, DISSOLVED (MG/L AS K)	981005	0800	27000.0000000	21UTAH	495626
CANY0290	00935	POTASSIUM, DISSOLVED (MG/L AS K)	990110	1000	25300.0000000	21UTAH	495626
CANY0290	00935	POTASSIUM, DISSOLVED (MG/L AS K)	990412	0745	21600.0000000	21UTAH	495626
CANY0290	00935	POTASSIUM, DISSOLVED (MG/L AS K)	990712	0715	6090.0000000	21UTAH	495626
CANY0290	00935	POTASSIUM, DISSOLVED (MG/L AS K)	991004	0720	25900.0000000	21UTAH	495626
CANY0290	01056	MANGANESE, DISSOLVED (UG/L AS MN)	941023	1145	5900.0000000	21UTAH	495626
CANY0290	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	891114	1145	300280.0000000	21UTAH	495626
CANY0290	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	901102	1124	339400.0000000	21UTAH	495626
CANY0290	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	920119	1330	318720.0000000	21UTAH	495626
CANY0290	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	920923	0830	269590.0000000	21UTAH	495626
CANY0290	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	930104	0624	200900.0000000	21UTAH	495626
CANY0290	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	930404	1130	334400.0000000	21UTAH	495626
CANY0290	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	930712	1100	318450.0000000	21UTAH	495626

Water Quality Observations
Outside STORET Edit Criteria for CANY
(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter	Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
CANY0290	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	930810	0930	314470.0000000	21UTAH	495626
CANY0290	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	931017	1550	336880.0000000	21UTAH	495626
CANY0290	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	940116	0810	329610.0000000	21UTAH	495626
CANY0290	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	940404	1136	336800.0000000	21UTAH	495626
CANY0290	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	940712	0830	311080.0000000	21UTAH	495626
CANY0290	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	940809	1200	277680.0000000	21UTAH	495626
CANY0290	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	941023	1145	342760.0000000	21UTAH	495626
CANY0290	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	950108	1015	319560.0000000	21UTAH	495626
CANY0290	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	950418	1100	7566.0000000	21UTAH	495626
CANY0290	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	950730	0945	191220.0000000	21UTAH	495626
CANY0290	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	950822	1345	265370.0000000	21UTAH	495626
CANY0290	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	951029	0920	344720.0000000	21UTAH	495626
CANY0290	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	960121	1045	345590.0000000	21UTAH	495626
CANY0290	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	960421	0915	290420.0000000	21UTAH	495626
CANY0290	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	960714	1030	277790.0000000	21UTAH	495626
CANY0290	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	961014	0750	339700.0000000	21UTAH	495626
CANY0290	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	970120	0755	323000.0000000	21UTAH	495626
CANY0290	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	970414	0800	343120.0000000	21UTAH	495626
CANY0290	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	970630	1045	310380.0000000	21UTAH	495626
CANY0290	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	971021	1015	331560.0000000	21UTAH	495626
CANY0290	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	980105	0815	329080.0000000	21UTAH	495626
CANY0290	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	980406	0800	357830.0000000	21UTAH	495626
CANY0290	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	980720	0815	348060.0000000	21UTAH	495626
CANY0290	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	981005	0800	343300.0000000	21UTAH	495626
CANY0290	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	990110	1000	334250.0000000	21UTAH	495626
CANY0290	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	990412	0745	326860.0000000	21UTAH	495626
CANY0290	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	990712	0715	326980.0000000	21UTAH	495626
CANY0290	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	991004	0720	344980.0000000	21UTAH	495626
CANY0291	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	830504	1500	56.0000000	21UTAH	493015
CANY0294	00440	BICARBONATE ION (MG/L AS HCO3)	911003	1300	508.0000000	21UTAH	493005
CANY0294	00440	BICARBONATE ION (MG/L AS HCO3)	920514	1300	816.0000000	21UTAH	493005
CANY0295	00440	BICARBONATE ION (MG/L AS HCO3)	990905	1024	544.0000000	21UTAH	493006
CANY0298	00440	BICARBONATE ION (MG/L AS HCO3)	920512	1530	533.0000000	21UTAH	493007
CANY0298	00440	BICARBONATE ION (MG/L AS HCO3)	990904	1305	622.0000000	21UTAH	493007

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) CANYTABS.ZIP

This compressed file contains all the tables presented in the report. The files compressed into this file include:

- (a) CANYSITE.DOC - Descriptive listing of select fields from the industrial facilities discharges, drinking water intakes, and EPA-USGS stream gages databases.
- (b) CANYAGNC.DOC - Contacts for agencies whose data were retrieved within the study area.
- (c) CANYAGNQ.DOC - Number of stations, observations, and parameters retrieved by agency code within the study area and park.

- (d) CANYOV0.DOC - Overview of park and retrieved data.
- (e) CANYOV1.DOC - Station period of record table.
- (f) CANYOV2.DOC - Parameter period of record table.
- (g) CANYOV3.DOC - Station/parameter period of record table.
- (h) CANYINV.DOC - Station by station descriptive statistics over the entire period of record and comparison against EPA Water Quality Criteria for each station.
- (i) CANYSEAN.DOC - Seasonal and annual water quality descriptive statistics at stations with water quality data meeting the default seasonal and annual criteria.
- (j) CANYEPAS.DOC - EPA Water Quality Criteria comparison for data at all stations combined within the study area.
- (k) CANYIDEA.DOC - Comparison of downloaded STORET data with NPS Servicewide Inventory and Monitoring Program "Level I" water quality parameters.
- (l) CANYBAD.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 CANYOV1.DOC is in the subdirectory C:\WATER, you could type: PRINT C:\WATER\CANYOV1.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) CANYFIGS.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 CANY0001. 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 CANY0001) is in the subdirectory 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) CANYPARM.ZIP

This file compresses CANYPARM.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) CANYSITE.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) CANYWQ.DBF - All water quality monitoring station locations within the project's study area downloaded from STORET.
- (b) CANYIFD.DBF - All municipal and industrial facility discharges within the project's study area downloaded from the IFD database.
- (c) CANYDRIN.DBF - All drinking water intakes within the project's study area downloaded from the DRINKS database.
- (d) CANYGAGE.DBF - All water gages within the project's study area downloaded from the GAGES database.
- (e) CANYDAMS.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) CANYMISC.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) CANYEXEC.DOC - WordPerfect Ver. 5.1 copy of the Executive Summary in the report.
- (b) CANYTOC.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) CANYREGI - PCL and CLP (Windows Clipboard) copies of map displaying the regional location of the park and study area.
- (f) CANYWQ - 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 (CANYWQA, CANYWQB, CANYWQC, etc.) and the index map name will end with an ampersand (&).

- (g) CANYIDG - 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 (CANYIDGA, CANYIDGB, CANYIDGC, 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) CANYSEHY - 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 CANYFIGS.ZIP and CANYTABS.ZIP, you can use the PRINTZIP program to print any of the PCL files in CANYMISC.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) CANYRF3.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) CANYWQMW.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.

<u>Parameter Data File: CANYPARM.DBF in CANYPARM.ZIP</u>				
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: CANYPARM.DBF in CANYPARM.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: CANYPARM.DBF in CANYPARM.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: CANYWQ.DBF in CANYSITE.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: CANYWQ.DBF in CANYSITE.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: CANYIFD.DBF in CANYSITE.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: CANYIFD.DBF in CANYSITE.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: CANYIFD.DBF in CANYSITE.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.

<u>Drinking Water Intakes File: CANYDRIN.DBF in CANYSITE.ZIP</u>				
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)

<u>Drinking Water Intakes File: CANYDRIN.DBF in CANYSITE.ZIP</u>				
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.)

<u>Drinking Water Intakes File: CANYDRIN.DBF in CANYSITE.ZIP</u>				
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.

<u>Water Gage File: CANYGAGE.DBF in CANYSITE.ZIP</u>				
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: CANYGAGE.DBF in CANYSITE.ZIP				
Field Name	Start	Stop	Length	Field Description
FBCF	213	213	1	Flag - Basic Characteristic File ('Y')
FDFE	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.

<u>Water Impoundment File: CANYDAMS.DBF in CANYSITE.ZIP</u>				
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: CANYDAMS.DBF in CANYSITE.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: CANYDAMS.DBF in CANYSITE.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

<u>Water Impoundment File: CANYDAMS.DBF in CANYSITE.ZIP</u>				
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 CANYRF3.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 CANYRF3.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 CANYRF3.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 CANYRF3.ZIP				
Field Name	Start	Stop	Length	Field Description
UPDTSRC1	604	611	8	Update Source #1
UPDATE2	612	617	6	Update Date #2 (mmddyy)
UPDTCDC2	618	625	8	Update Type Code#2
UPDTSRC2	626	633	8	Update Source #2
UPDATE3	634	639	6	Update Date #3 (mmddyy)
UPDTCDC3	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.

<u>RF3 Trace File: 12345678.TRC in CANYRF3.ZIP</u>				
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.

<u>Catalog Unit Boundary File: 12345678.CUB in CANYRF3.ZIP</u>
First Line = Catalog Unit Number (8 Characters)
Subsequent Lines:
L=DDMMSS,L=DDMMSS,L=DDMMSS,L=DDMMSS,L=DDMMSS,L=DDMMSS, ...
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.

<u>Encyclopedia File: WRD File For Internal Use Only</u>				
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, 35C, 48HR	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 DDMSS
47456	LONGITUDE, STARTING, OF A SAMPLE TOW DDDMMSS
47457	LATITUDE, FINISHING, OF A SAMPLE TOW DDMSS
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 ERROR 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, CELLULOYTIC, 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	RIFLE/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 DEVL P
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 Summary¹

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 ¹	TURBIDITY, JACKSON CANDLE UNITS	JTU	Physical
	00076				50 ¹	TURBIDITY, HACH TURBIDIMETER, FORMAZIN TUR. UNITS	FTU	Physical
14808798	00154		250 ⁵			SULFATE (AS S) WHOLE WATER	MG/L	General Inorganic
7782447	00299				4.0 ^a	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	MG/L	Dissolved Oxygen
7782447	00300				4.0 ^a	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

¹Sources: (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 ^m	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, SUSPENDE 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 ⁺	1300 ^a	2.9		COPPER, DISSOLVED	UG/L	Metal
7440508	01041	18 ⁺	1300 ^a	2.9		COPPER, SUSPENDED	UG/L	Metal
7440508	01042	18 ⁺	1300 ^a	2.9		COPPER, TOTAL	UG/L	Metal
7439921	01049	82 ⁺	15 ^a	220		LEAD, DISSOLVED	UG/L	Metal
7439921	01050	82 ⁺	15 ^a	220		LEAD, SUSPENDED	UG/L	Metal
7439921	01051	82 ⁺	15 ^a	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		0.020 ^c			URANIUM, POTENTIALLY DISSOLVED, WATER	MG/L	Metal
7440224	01523	4.1 ⁺	100 ^s	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		20 ^r			TRITIUM, TOTAL, WATER	PC/ML	Radiological
10028178	07000		20000 ^r			TRITIUM, TOTAL	PC/L	Radiological
10028178	07005		20000 ^r			TRITIUM, DISSOLVED	PC/L	Radiological
10028178	07010		20000 ^r			TRITIUM, SUSPENDE	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, SUSPENDE	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		8.0 ^r			STRONTIUM 90, TOTAL	PC/L	Radiological
10098972	13503		8.0 ^r			STRONTIUM 90, DISSOLVED	PC/L	Radiological
10098972	13505		8.0 ^r			STRONTIUM 90, SUSPENDE	PC/L	Radiological
7782492	22675	20	50	300		SELENIUM, DISSOLVED ORGANIC	UG/L	Metal
7782492	22676	20	50	300		SELENIUM, HEXAVALENT, DISSOLVED	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7782492	22677	20	50	300		SELENIUM, TETRAVALENT, DISSOLVED	UG/L	Metal
7440382	22678	360	50	69		ARSENIC, DISSOLVED ORGANIC	UG/L	Metal
7440382	22679	850*	50	2319*		ARSENIC, PENTAVALENT, DISSOLVED	UG/L	Metal
7440382	22680	360	50	69		ARSENIC, TRIVALENT, DISSOLVED	UG/L	Metal
7440611	22703		20°			URANIUM, NATURAL DISSOLVED	UG/L	Metal
7440611	22705		20°			URANIUM, NATURAL SUSPENDED	UG/L	Metal
7440611	22706		20°			URANIUM, TOTAL AS U308	UG/L	Metal
7440611	22708		0.020°			URANIUM, NATURAL, TOTAL	MG/L	Radiological
7440611	28011		20°			URANIUM, NATURAL, TOTAL	UG/L	Radiological
88857	30191		7.0			DINOSEB, WATER, WHOLE RECOVERABLE	UG/L	Pesticide
75990	30200		200			DALAPON, WATER, WHOLE RECOVERABLE	UG/L	Pesticide
106934	30203		0.05			ETHANE, 1,2-DIBROMO-, WATER, WHOLE, RECOVERABLE	UG/L	Pesticide
	31501		1.0 ⁿ		1000 ^b	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	CFU/100ML	Bacteriological
	31503		1.0 ⁿ		1000 ^b	COLIFORM, TOTAL, MEMBRANE FILTER, DELAY. M-ENDO	CFU/100ML	Bacteriological
	31504		1.0 ⁿ		1000 ^b	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED. LES-ENDO	CFU/100ML	Bacteriological
	31505		1.0 ⁿ		1000 ^b	COLIFORM, TOTAL, MPN, CONF. TEST 35C (TUBE 31506)	MPN/100ML	Bacteriological
	31506		1.0 ⁿ		1000 ^b	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE CONFIG	MPN/100ML	Bacteriological
	31507		1.0 ⁿ		1000 ^b	COLIFORM, TOTAL, MPN, COMP. TEST 35C (TUBE 31508)	MPN/100ML	Bacteriological
	31508		1.0 ⁿ		1000 ^b	COLIFORM, TOTAL, MPN, COMP. TEST, TUBE CONFIG	MPN/100ML	Bacteriological
	31613				200 [^]	FECAL COLIFORM, MEMBRANE FILTER, AGAR	CFU/100ML	Bacteriological

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
	31614				200 [^]	FECAL COLIFORM, MPN, TUBE CONFIGURATION	MPN/100ML	Bacteriological
	31615				200 [^]	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	MPN/100ML	Bacteriological
	31616				200 [^]	FECAL COLIFORM, MEMBRANE FILTER, BROTH, 44.5C	CFU/100ML	Bacteriological
	31617				200 [^]	FECAL COLIFORM, MPN, EIJKMAN, 44.5C (TUBE 31618)	MPN/100ML	Bacteriological
	31625				200 [^]	FECAL COLIFORM, MF, M-FC, 0.7 UM	CFU/100ML	Bacteriological
	31648				126 [^]	E. COLI, MTEC, MF	CFU/100ML	Bacteriological
	31649				33 [^]	ENTEROCOCCI, ME, MF	CFU/100ML	Bacteriological
67663	32003	28900*	100 ^l			CARBON CHLOROFORM AND CARBON ALCOHOL EXTRS.,TOTAL	UG/L	General Organic
67663	32005	28900*	100 ^l			CARBON CHLOROFORM EXTRACTABLES	UG/L	General Organic
67663	32021	28900*	100 ^l			CARBON CHLOROFORM EXTRACTS, ETHER INSOLUBLES OF	UG/L	General Organic
67663	32022	28900*	100 ^l			CARBON CHLOROFORM EXTRACTS, WATER SOLUBLES OF	UG/L	General Organic
75274	32101		100 ^l			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 ^l			BROMOFORM, WHOLE WATER	UG/L	General Organic
124481	32105		100 ^l			DIBROMOCHLOROMETHANE, WHOLE WATER	UG/L	General Organic
67663	32106	28900*	100 ^l			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 ^l			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 ⁱ			BROMOFORM, DISSOLVED	UG/L	General Organic
75252	34289		100 ⁱ			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 ⁱ			CHLORODIBROMOMETHANE, TOTAL	UG/L	General Organic
124481	34307		100 ⁱ			CHLORODIBROMOMETHANE, DISSOLVED	UG/L	General Organic
124481	34308		100 ⁱ			CHLORODIBROMOMETHANE, SUSPENDED	UG/L	General Organic
67663	34316	28900*	100 ⁱ			CHLOROFORM, DISSOLVED	UG/L	General Organic
67663	34317	28900*	100 ⁱ			CHLOROFORM, SUSPENDED	UG/L	General Organic
57125	34325	0.022	0.2	0.001		CYANIDE, SUSPENDED	MG/L	General Inorganic
75274	34328		100 ⁱ			DICHLOROBROMOMETHANE, DISSOLVED	UG/L	General Organic
75274	34329		100 ⁱ			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°			INDENO (1,2,3-CD) PYRENE, TOTAL	UG/L	General Organic
193395	34404		0.40°			INDENO (1,2,3-CD) PYRENE, DISSOLVED	UG/L	General Organic
193395	34405		0.40°			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	30 ^p		7.7 ^p		PHENANTHRENE, TOTAL	UG/L	General Organic
85018	34462	30 ^p		7.7 ^p		PHENANTHRENE, DISSOLVED	UG/L	General Organic
85018	34463	30 ^p		7.7 ^p		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		DURBAN, 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				UNKNOWN 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		250 ^s			SULFATE, WATER, DISSOLVED AS S	MG/L	Metal
85007	78885		20			DIQUAT DIBROMIDE (REGLONE) WHOLE WATER SAMPLE	UG/L	Pesticide
7440611	80020		20 ^c			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		DURBAN (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 ⁺	1300 ^a	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 CaCO₃ 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.

^aEPA action level, 40 CFR 141.80.

^bCalifornia and Florida state bathing water standards.

^cA Compilation of Water Quality Goals, California Regional Water Quality Control Board Central Valley Region, Sacramento, California, September, 1991.

ⁿTotal coliform drinking water maximum contaminant level (1 cfu/100ml or 1 mpn/100ml) was not used in water quality criteria comparisons.

^pProposed Criterion.

^rAverage annual concentration assumed to produce a total body or organ dose of 4 mrem/year, 40 CFR 141.16.

^sEPA National Secondary Drinking Water Regulation, 40 CFR 143.

^tThe maximum contaminant level for the sum of the concentrations of trihalomethanes is 100 µg/L, 40 CFR 141.12.

^uColdwater 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 Group¹	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)	-

¹Tide 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 (μ EQ/L)	471341
00410	ALKALINITY, TOTAL (MG/L AS CaCO_3)	471341
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	77098
00430	ALKALINITY, CARBONATE (MG/L AS CaCO_3)	471341
00435	ACIDITY, TOTAL (MG/L AS CaCO_3)	471341
00440	BICARBONATE ION (MG/L AS HCO_3)	71523
00445	CARBONATE ION (MG/L AS CO_3)	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, UNIONIZED (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 NH_4)	14798039
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH_4)	14798039
71850	NITRATE NITROGEN, TOTAL (MG/L AS NO_3)	14797558
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO_3)	14797558
71855	NITRITE NITROGEN, TOTAL (MG/L AS NO_2)	14797650
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO_2)	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	CHRYSTILE ASBESTOS FIBERS/LITER	1332214
00973	AMPHIBOLE ASBESTOS FIBERS/LITER	1332214
00976	AMBIGUOUS ASBESTOS FIBERS/LITER	1332214
00977	NON-AMPHIBOLE NON-CHRYSTILE 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-CHLOROETHYL VINYL 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-HNO3-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	CHLOROQUAIACOL,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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