Baseline Water Quality Data

Inventory and Analysis

Rocky Mountain National Park



Water Resources Division and Servicewide Inventory and Monitoring Program

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

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BASELINE WATER QUALITY DATA

INVENTORY AND ANALYSIS

ROCKY MOUNTAIN NATIONAL PARK

National Park Service
Water Resources Division
Fort Collins, CO 80525

Technical Report NPS/NRWRD/NRTR-2000/268

OCTOBER 2001

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

EXECUTIVE SUMMARY

This document presents the results of surface-water-quality data retrievals for Rocky Mountain National Park (ROMO) from six of the United States Environmental Protection Agency's (EPA) national databases: (1) Storage and Retrieval (STORET) water quality database management system; (2) River Reach File (RF3); (3) Industrial Facilities Discharge (IFD); (4) Drinking Water Supplies (DRINKS); (5) Water Gages (GAGES); and (6) Water Impoundments (DAMS). This document is one product resulting from a cooperative contractual endeavor between the National Park Service's (NPS) Servicewide Inventory and Monitoring Program, the National Park Service's Water Resources Division (WRD), and Horizon Systems Corporation to retrieve, format, and analyze surface water quality data for all units of the National Park System containing significant water resources. The primary goal of the project is to provide descriptive water quality information in a manner and format that is both consistent with the goals of the Servicewide Inventory and Monitoring Program and useable by park resource managers. The document provides: (1) a complete inventory of all retrieved water quality parameter data, water quality stations, and the entities responsible for the data collection; (2) descriptive statistics and appropriate graphical plots of water quality data characterizing period of record, annual, and seasonal central tendencies and trends; (3) a comparison of the park's water quality data to relevant EPA and WRD water quality screening criteria; and (4) an Inventory Data Evaluation and Analysis (IDEA) to determine what Servicewide Inventory and Monitoring Program "Level I" water quality parameters have been measured within the study area. Accompanying the report are disks containing digital copies of all data used in the report, as well as all components of the report (tables, figures, etc.).

The results of the retrievals for the study area from the IFD, DRINKS, GAGES, and DAMS databases located nine industrial/municipal dischargers; 17 drinking water intakes; 48 active or inactive U. S. Geological Survey (USGS), U. S. Forest Service (USFS), and U. S. Bureau of Reclamation water gages (including canal, climate, lake, and stream); and 18 water impoundments. The results of the STORET retrieval for the study area yielded 140,577 observations for 466 separate parameters collected by the NPS, USGS, EPA, USFS, and Colorado Department of Health (CDH) at 684 monitoring stations from 1901 through 1998[†]. Approximately 50 percent of the 140,577 observations within the study area were entered by the NPS from data collected from 1964 through 1998. Of the 684 monitoring stations, 508 stations were located within the park boundary (see Station Period of Record Tabulation). Four CDH stations within the study area (none within the park boundary) were established but contained no data. Two NPS stations within the park boundary were established but did not contain data appropriate for statistical analysis.

Most of the monitoring stations represent either one-time or intensive single-year sampling efforts by the collecting agencies. Sixty-seven stations within the study area (57 within the park boundary) yielded longer-term records consisting of multiple observations for several important water quality parameters (see Station Period of Record Tabulation). The stations yielding the longest-term records within the park boundary are: (1) Outlet stream from the Loch (ROMO 0325); (2) The Loch outlet in Loch Vale (ROMO 0320); (3) Colorado River downstream from Baker Gulch near Grand Lake (ROMO 0404); (4) Inlet stream to the Loch (ROMO 0308); and (5) Middle of the Loch at the surface (ROMO 0315). The stations yielding the longest-term records within the study area, but outside of the park boundary, are: (1) Lake Granby near Granby (ROMO 0034); (2) Shadow Mountain Lake near Grand Lake (ROMO 0063); (3) Alva B. Adams Tunnel at the East Portal near Estes Park (ROMO 0410); (4) Olympus Tunnel at Lake Estes (ROMO 0470); and (5) Granby Pump Canal near Grand Lake (ROMO 0060)[††].

[†]Of the 140,577 observations reported in the study area, one elevation value, entered in STORET by the CDH, was dated 01/01/01. The second oldest observation in STORET for the ROMO study area was collected in 1941. Consequently, a more representative period of record for observations in the study area would be from 1941 through 1998.

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

Screening criteria consisting of published EPA water-quality criteria and instantaneous concentration values selected by the WRD were used to identify potential water quality problems within the study area. While the criteria represent important threshold concentrations of pollutants, it is important to remember that criteria may have been exceeded due to any number of natural or anthropogenic factors, including errors in field, laboratory, and/or recording procedures. The reader is advised to read the Introduction for additional caveats in interpreting the exceeded criteria in this report. The results of the ROMO water quality criteria screen found 15 groups of parameters that exceeded screening criteria at least once within the study area. Dissolved oxygen, pH, chlorine, cadmium, copper, silver, and zinc exceeded their respective EPA criteria for the protection of freshwater aquatic life. Fluoride, sulfate, nitrite, cadmium, and lead exceeded their respective EPA drinking water criteria. Fecal-indicator bacteria concentrations (total coliform and fecal coliform) and turbidity exceeded the WRD screening limits for freshwater bathing and aquatic life, respectively. Alkalinity was below the threshold used by the NPS Air Resources Division for determining potential sensitivity to acid deposition (buffering capacity).

Dissolved oxygen concentrations were measured 2,769 times at 88 monitoring stations from 1955 through 1998. Of the 2,768 observations used in the criteria analysis (see EPA Water Quality Criteria Analysis for Station in the Interpretive Guide To Water Quality Results for explanation), 413 observations at 24 stations were less than or equal to the 4 milligrams per liter (mg/L) EPA criterion for the protection of freshwater aquatic life from 1955 through 1996. Approximately 75 percent of these 413 observations were reported during depth sampling at five stations in Lake Granby (ROMO 0011, ROMO 0019, ROMO 0020, ROMO 0028, ROMO 0034) from 1981 through 1995.

The pH was measured 9,559 times at 493 monitoring stations from 1941 through 1998. Of the 9,552 observations used in the criteria analysis (see Media Type Screen in the Methodology for explanation), 2,635 observations at 251 stations were outside the pH range of 6.5 to 9.0 standard units (SU) (EPA chronic criteria for freshwater aquatic life) from 1965 through 1998. Two-thousand-five-hundred-eighty-eight observations were less than or equal to pH 6.5 and 47 observations were greater than or equal to pH 9.0. Approximately 94 percent of the 2,635 observations outside the pH screening criteria were reported at 205 stations within the park boundary from 1966 through 1998. Approximately 83 percent of the 2,588 observations less than or equal to pH 6.5 were reported at 59 stations within the park boundary in the Loch Vale Watershed from 1981 through 1998, including the lowest pH of 1.3 SU in Sky Pond (ROMO 0230) in April 1991. The highest pH of 9.67 SU was reported within the park boundary in Sheep Lake (ROMO 0508) in July 1987.

Turbidity was measured 67 times at 32 monitoring stations from 1972 through 1985. One observation of 70 Formazin Turbidity Units in the Big Thompson River downstream from Estes Park (ROMO 0483) exceeded the WRD screening criterion of 50 Jackson Candle/Formazin/Nephelometric Turbidity Units in March 1977.

Total coliform concentrations were measured 807 times at 63 monitoring stations from 1965 through 1991. Of the 776 observations used in the criteria analysis (see Remark Code and Composite Type Screens in the Methodology for explanation), 70 observations at 12 stations equaled or exceeded the WRD bathing water screening criterion of 1,000 Colony Forming Units/Most Probable Number per 100 milliliters (CFU/MPN/100 ml) from 1965 through 1986. Forty-four of these 70 observations were reported at four stations in Estes Park (ROMO 0470, ROMO 0479, ROMO 0480, ROMO 0481), including the highest concentration of 33,000,000 MPN/100 ml at the Estes Park Sewage Treatment Plant (STP) outfall (ROMO 0481) in July 1966. Fecal coliform concentrations were measured 961 times at 71 monitoring stations from 1965 through 1997. Of the 925 observations used in the criteria analysis (see Remark Code Screen and Media and Composite Type Screens in the Methodology for explanation), 64 observations at ten stations, within the park boundary at the NPS Housing Area STP outfall (ROMO 0461) and the National Park Village STP outfall (ROMO 0501) and outside the park boundary in or near Estes Park (ROMO 0470, ROMO 0476, ROMO 0479, ROMO 0480, ROMO 0481, ROMO 0483), the YMCA Camp STP outfall (ROMO 0433), and Thunder Mountain Lodge STP outfall (ROMO 0499), exceeded the WRD bathing water screening criterion of 200 CFU/MPN/100 ml from 1965 through 1991. Thirty of these 64 observations were reported at four stations in Estes Park (ROMO 0470, ROMO 0479, ROMO 0480, ROMO 0481) from 1965 through 1986. The highest concentration of 2,300,000 MPN/100 ml was reported twice at the YMCA Camp STP outfall (ROMO 0433) in August 1966.

Total alkalinity was determined by low-level (less than 10 mg/L as $CaCO_3$) gran analysis 1,285 times at 180 monitoring stations from 1981 through 1995. One-thousand-two-hundred-fifty-one concentrations at 160 stations were below the NPS Air Resources Division's 200 microequivalent per liter (µeq/L) threshold, indicating sensitivity to acid deposition, from 1981 through 1995. Approximately 95 percent of the concentrations exceeding the criterion were reported within the park boundary at 153 stations. The lowest concentration of -12 µeq/L was reported in Boulder Brook (ROMO 0282) in October 1994.

Total residual chlorine concentrations were measured four times at four STP outfall stations (ROMO 0461, ROMO 0469, ROMO 0499, ROMO 0503) during 1966 and 1983. All four concentrations, ranging from .03 mg/L to 3 mg/L at the four stations, within the park boundary at the NPS Housing Area (ROMO 0461) and Hidden Valley (ROMO 0503) and outside the park boundary at the Upper Thompson Sanitation District near Estes Park (ROMO 0469) and Thunder Mountain Lodge (ROMO 0499), exceeded the acute freshwater criterion of .019 mg/L. The highest concentration of 3 mg/L was reported at the Hidden Valley STP outfall (ROMO 0503) in July 1966.

Fluoride concentrations (including dissolved and total) were measured 2,351 times at 152 monitoring stations from 1971 through 1997. One dissolved concentration of 6 mg/L within the park boundary in Andrews Creek at the trail crossing above Icy Brook (ROMO 0286) exceeded the drinking water criterion of 4 mg/L in September 1986.

Sulfate concentrations (including dissolved and total as SO_4 and whole water as S) were measured 5,984 times at 341 monitoring stations from 1941 through 1998. Five total as SO_4 concentrations, ranging from 471 mg/L to 868 mg/L in the Colorado River downstream from Shadow Mountain Lake (ROMO 0059), exceeded the secondary drinking water criterion of 250 mg/L from 1941 through 1957. The highest concentration of 868 mg/L was reported in October 1951.

Nitrite concentrations (including dissolved and total as N and dissolved as NO_2) were measured 2,798 times at 120 monitoring stations from 1971 through 1997. Two dissolved NO_2-N concentrations of 1.198 mg/L and 1.188 mg/L within the park boundary in Sky Pond (ROMO 0223) exceeded the drinking water criterion of 1 mg/L NO_2-N in August 1982.

Cadmium concentrations (including dissolved and total recoverable) were measured 605 times at 29 monitoring stations from 1966 through 1997. Of the 600 observations used in the criteria analysis (see EPA Water Quality Criteria Analysis for Station in the Interpretive Guide To Water Quality Results for explanation), two dissolved concentrations of 5 micrograms per liter (µg/L) at two stations, in Lake Granby near Granby (ROMO 0034) and the Granby Pump Canal near Grand Lake (ROMO 0060), exceeded the acute freshwater criterion of 3.9 µg/L and equaled the drinking water criterion of 5.0 µg/L in June 1979 and September 1981, respectively.

Copper concentrations (including dissolved and total recoverable) were measured 602 times at 29 monitoring stations from 1966 through 1997. Six concentrations, ranging from 18 µg/L to 100 µg/L at three stations, in the Big Thompson River downstream from Estes Park (ROMO 0483), a spring near Allenspark (ROMO 0047), and Alva B. Adams Tunnel at the East Portal near Estes Park (ROMO 0410), equaled or exceeded the acute freshwater criterion of 18 µg/L from 1975 through 1984. Four of these six observations were reported in the Big Thompson River downstream from Estes Park (ROMO 0483) from 1976 through 1981, including the highest concentration of 100 µg/L in July 1977.

Lead concentrations (including dissolved and total recoverable) were measured 634 times at 32 monitoring stations from 1966 through 1997. Five concentrations, ranging from 19 µg/L to 37 µg/L at four stations, in the Colorado River downstream from Lake Granby (ROMO 0016), Granby Pump Canal near Grand Lake (ROMO 0060), Alva B. Adams Tunnel at the East Portal near Estes Park (ROMO 0410), and Big Thompson River downstream from Estes Park (ROMO 0483), exceeded the drinking water criterion of 15 µg/L from 1972 through 1981. The highest concentration of 37 µg/L was reported at the Granby Pump Canal near Grand Lake (ROMO 0060) in November 1981.

Silver concentrations (including dissolved, total, and total recoverable) were measured 452 times at 19 monitoring stations from 1972 through 1997. Six dissolved concentrations, ranging from 5 µg/L to 11 µg/L at two stations, in Lake Granby near Granby (ROMO 0034) and Shadow Mountain Lake near Grand Lake (ROMO 0063), exceeded the acute freshwater criterion of 4.1 µg/L during 1989 and 1991. The highest concentration of 11 µg/L was reported twice in Shadow Mountain Lake near Grand Lake (ROMO 0063) in May 1989.

Zinc concentrations (including dissolved and total recoverable) were measured 608 times at 30 monitoring stations from 1966 through 1997. Six concentrations, ranging from 120 µg/L to 2,830 µg/L at three stations, in the Big Thompson River downstream from Estes Park (ROMO 0483), Middle Saint Vrain Creek (ROMO 0009), and North Saint Vrain Creek (ROMO 0084), equaled or exceeded the acute freshwater criterion of 120 µg/L from 1966 through 1976. The highest concentration of 2,830 µg/L was reported in North Saint Vrain Creek .25 mile upstream from the State Route 7 Bridge (ROMO 0084) in October 1966.

The IDEA conducted for ROMO indicates that STORET data exist for all 13 Level I parameter groups in the study area. For the group Bacteria less than 12 percent of the observations were recorded since 1985. Overall, approximately 71 percent of the observations for Level I parameters groups were recorded since 1985. Data for nine groups (Alkalinity, Dissolved Oxygen, Flow, Clarity/Turbidity, Phosphate/Phosphorus, Chlorophyll, Sulfates/Total Dissolved Solids/Hardness, Bacteria, and Toxic Elements) were recorded at less than half of the 680 monitoring stations with data. Relative to other parameter groups, data were limited for the groups Chlorophyll and Clarity/Turbidity. Results for 12 of the 126 EPA priority toxic pollutants (consisting of inorganic parameters and metals) were retrieved from STORET.

Surface water resources in the ROMO study area include the Colorado, Big Thompson, Cache La Poudre, and other rivers; Lake Granby, Long Draw, Lake Estes, and other reservoirs; Boulder, Hague, Tonahutu, West, North St. Vrain, and numerous other creeks and brooks; Grand, Bear, Spirit, Crystal, Timber, and numerous other lakes and ponds; Grand, Upper Michigan, and other ditches; many springs and seeps; and many wetlands. The data inventories and analyses contained in this report indicate that surface waters within the study area are generally of good quality with some impact from natural and human activities. Potential natural sources of contaminants include erosion from seasonal flooding and geologic weathering. Potential anthropogenic sources of contaminants include municipal and industrial wastewater discharges; atmospheric deposition; stormwater runoff; agricultural activities; mining operations; and recreational use.

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INTRODUCTION

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

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

Goal

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

Purpose

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

Objectives

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

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

2. Develop a complete inventory of all retrieved data;

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

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

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

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

Document Overview

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

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

Caveats

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

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

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

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

Key Personnel

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

National Park Service, Water Resources Division:

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

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

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

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

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

Clint Bassett, Amy Benton, Josh Johnson, and Padraig Gallagher helped prepare reports and write the Executive Summaries.

Elizabeth Eisenhauer, Bill Folsom, Scott Ratchford, Jeff Ketcham, Valdete Celaj, Sonny Emmert, Matt Kunze, Chris Woodward, Nils Babel, and Greg Johnson provided digital cartographic support, both in determining retrieval/query areas and producing maps and graphics.

Kelli O'Connor, J. Chris Echohawk, Curtis Cooper, Mary Beth Talty, Rich Henderson, Kristie Maczko, Ryan Shy, Margaret Matter, Lisa Dummer, Adriane Petersen, Ronda Burns, Eric Janney, Aria Brissette, Shawndra Mawhorter, Melanie Schnier, and John Carillo uploaded water quality data to STORET prior to report preparation.

Jacquie Nolan designed the cover.

Horizon Systems:

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

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

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

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

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

Other National Park Service:

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

METHODOLOGY

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

Delineation of Park Study Area

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

Data Sources

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

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

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

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

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

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

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

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

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

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

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

Data Retrieval and Analysis Procedures

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

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

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

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

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

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

Park Unit Databases

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

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

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

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

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

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

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

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

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

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

Screening Methodologies and Procedures

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

STORET Edit Criteria

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

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

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

Date Screen

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

Station Type Screen

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

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

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

Phase 0 Parameter Screen

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

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

Phase 1 Parameter Screen

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

Media Type Screen

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

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

Remark Code Screen

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

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

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

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

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

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

Composite Type Screen

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

Table D. Possible STORET Composite Type Codes

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

Phase 2 Parameter Screen

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

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

Observations/Period of Record Screen

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

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

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

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

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

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

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

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

Statistical Definitions

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

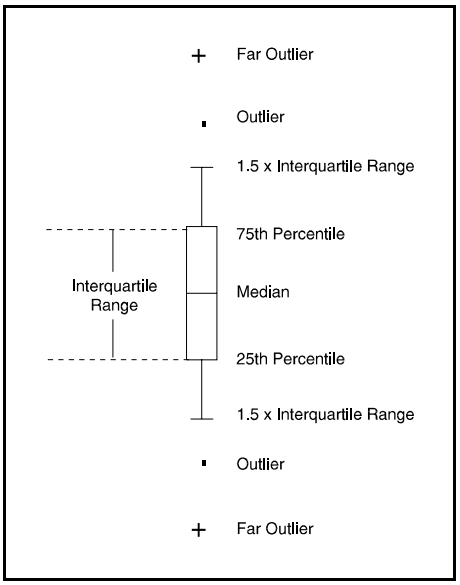
Table H. Definition of Descriptive Statistics Contained in Inventory, Annual, and Seasonal Tables

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

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

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

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



INTERPRETIVE GUIDE

TO WATER QUALITY RESULTS

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

Overview

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

Regional Location Map

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

Water Quality Monitoring Locations Map(s)

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

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

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

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

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

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

Representative Mean Annual Hydrograph for Seasonal Analysis

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

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

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

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

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

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

Contacts for Agency Codes Retrieved

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

Quantity of Data Retrieved by Agency Code

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

Station Period of Record Tabulation

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

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

Parameter Period of Record Tabulation

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

Station/Parameter Period of Record Tabulation

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

Station-By-Station Results

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

Station Inventory for Station

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

Parameter Inventory for Station

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

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

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

EPA Water Quality Criteria Analysis for Station

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

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

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

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

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

Time Series Plots for Station

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

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

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

Annual Analysis for Station

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

Annual Box-and-Whiskers Plots for Station

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

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

Seasonal Analysis for Station

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

Seasonal Box-and-Whiskers Plots for Station

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

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

EPA Water Quality Criteria Analysis for Entire Park Study Area

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

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

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

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

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

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

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

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

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

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

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

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

Water Quality Observations Outside STORET Edit Criteria for Park

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

WATER QUALITY RESULTS

OVERVIEW FOR ROMO

Study Area Boundary Description

The study area includes the park and all areas within at least 3 miles upstream of the park unit boundary and at least 1 mile downstream.

	Study Area	Park
GIS Estimated Acreage:	505058	265606
# STORET Stations:	684	508
# Stations With No Data:	4	0
# Stations With No Stat. Analysis:	2	2
# Longer Term Stations:	67	57
Date of STORET Retrieval:	12/20/99	12/20/99
Period of Record:	01/01/01-11/12/98	10/15/55-11/12/98
# Parameters Measured:	466	382
# Water Quality Observations:	140577	91160
# Industrial/Municipal Facilities:	9	0
# Drinking Water Intakes:	17	2
# Water Gages:	48	16
# Water Impoundments:	18	6
# Total Plots:	214	31
# Time Series:	85	1
# Annual:	78	30
# Seasonal:	51	0

Hydrologic Definition of Seasons:

1. June 10 - October 31
2. November 1 - April 10
3. April 11 - June 9

Time Series Plot Criteria:

To be included in the time series plots, a station/parameter combination must have at least 18 years and at least 104 observations.

Annual Analysis Criteria:

To be included in the annual box-and-whisker plots, a station/parameter combination must have at least 9 observations in each of at least 8 years.

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

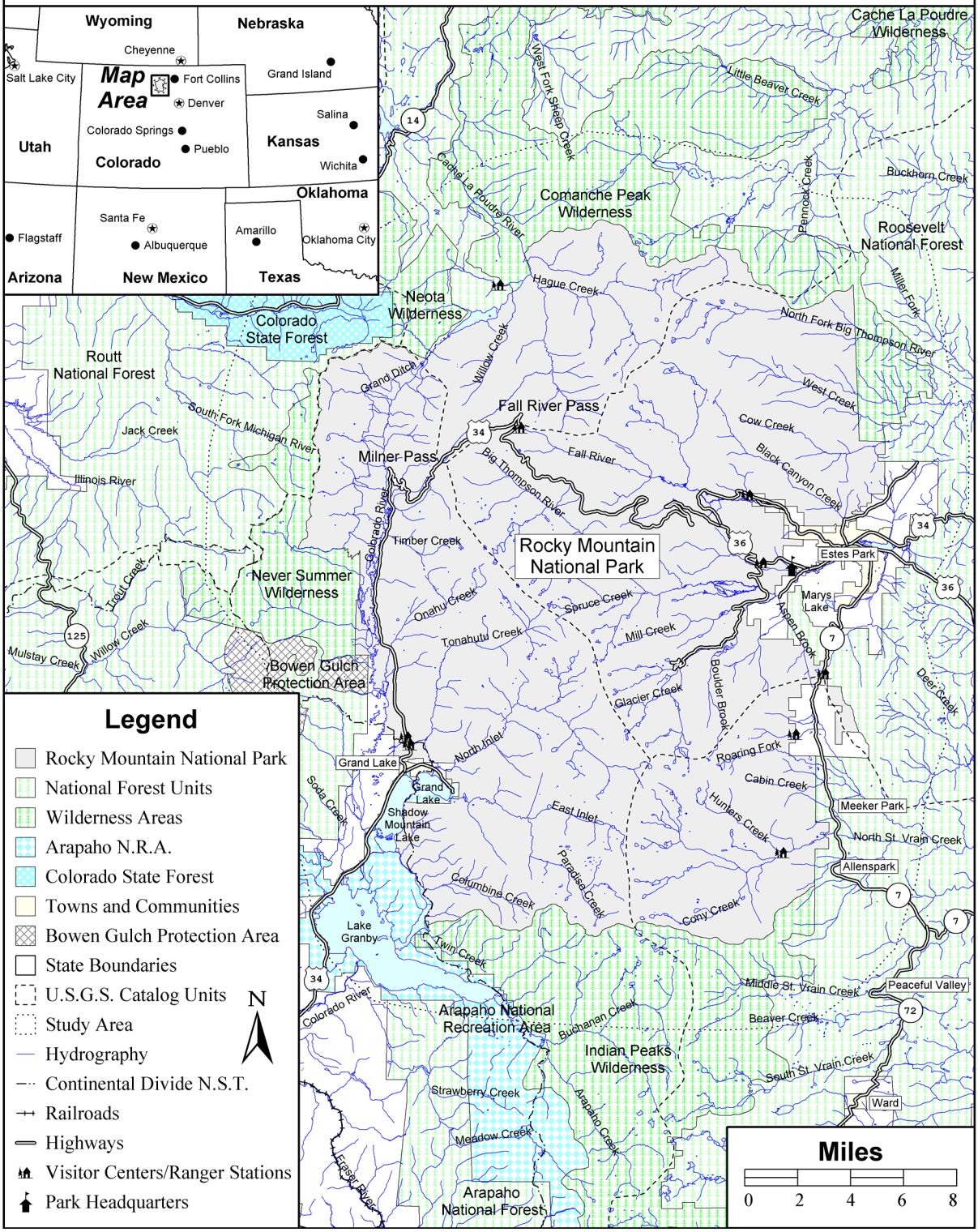
Seasonal Analysis Criteria:

To be included in the seasonal box-and-whisker plots, a station/parameter combination must have at least 9 observations in each of 2 seasons and a period of record of at least 22 years and observations in at least 4 of the 22 years.

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

Rocky Mountain National Park

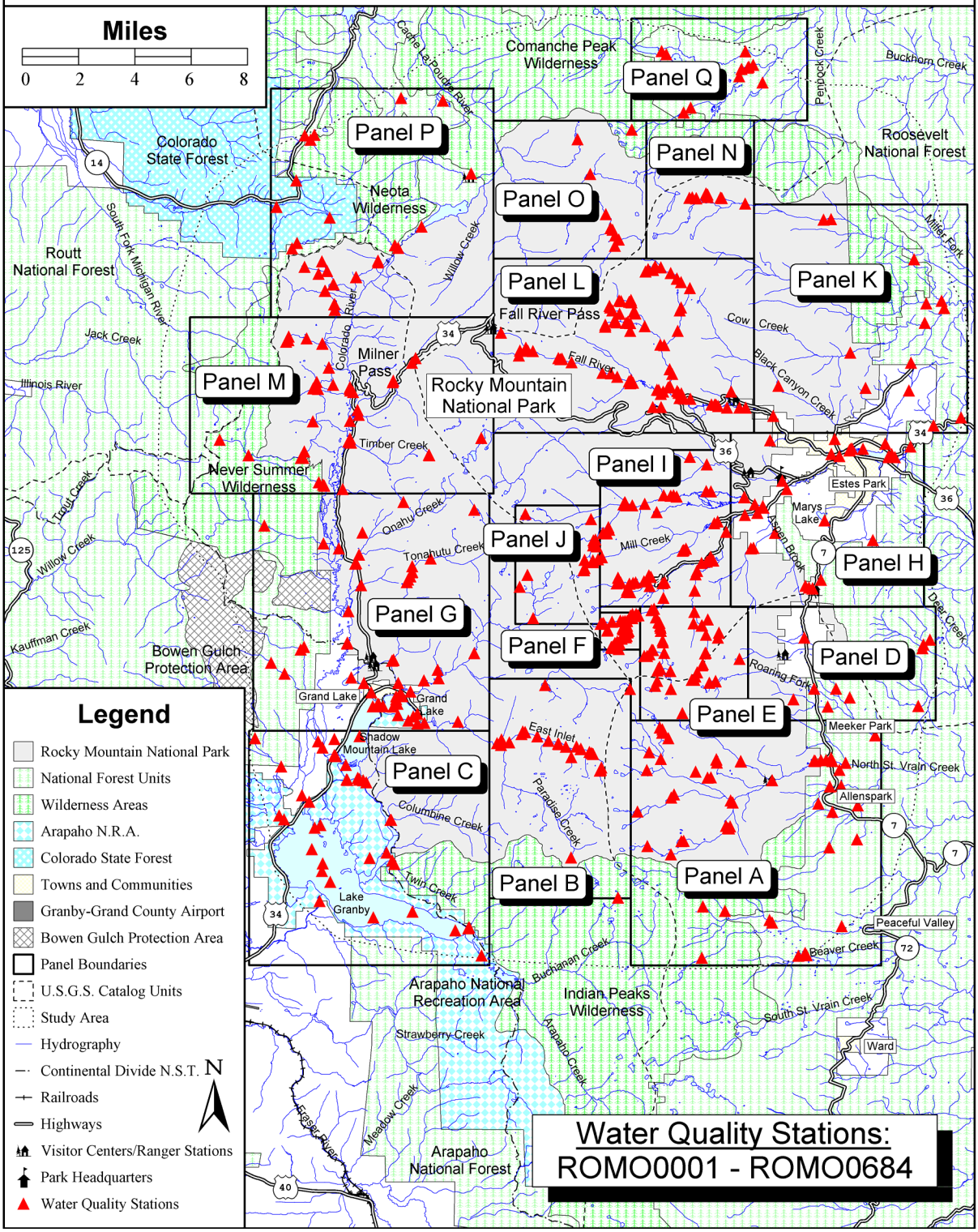
Regional Location Map



Rocky Mountain National Park

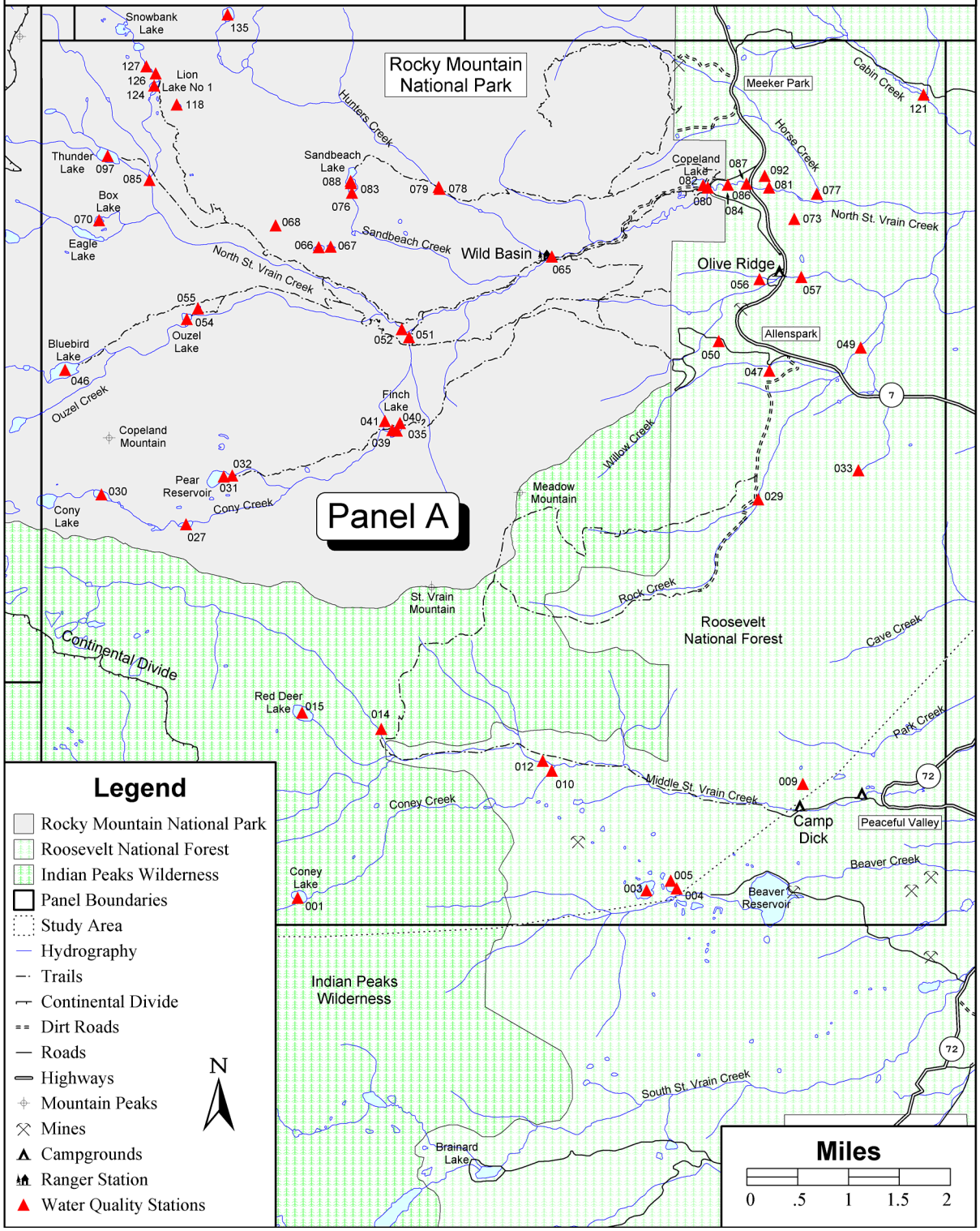
Water Quality Monitoring Locations

Graphic Panel Index



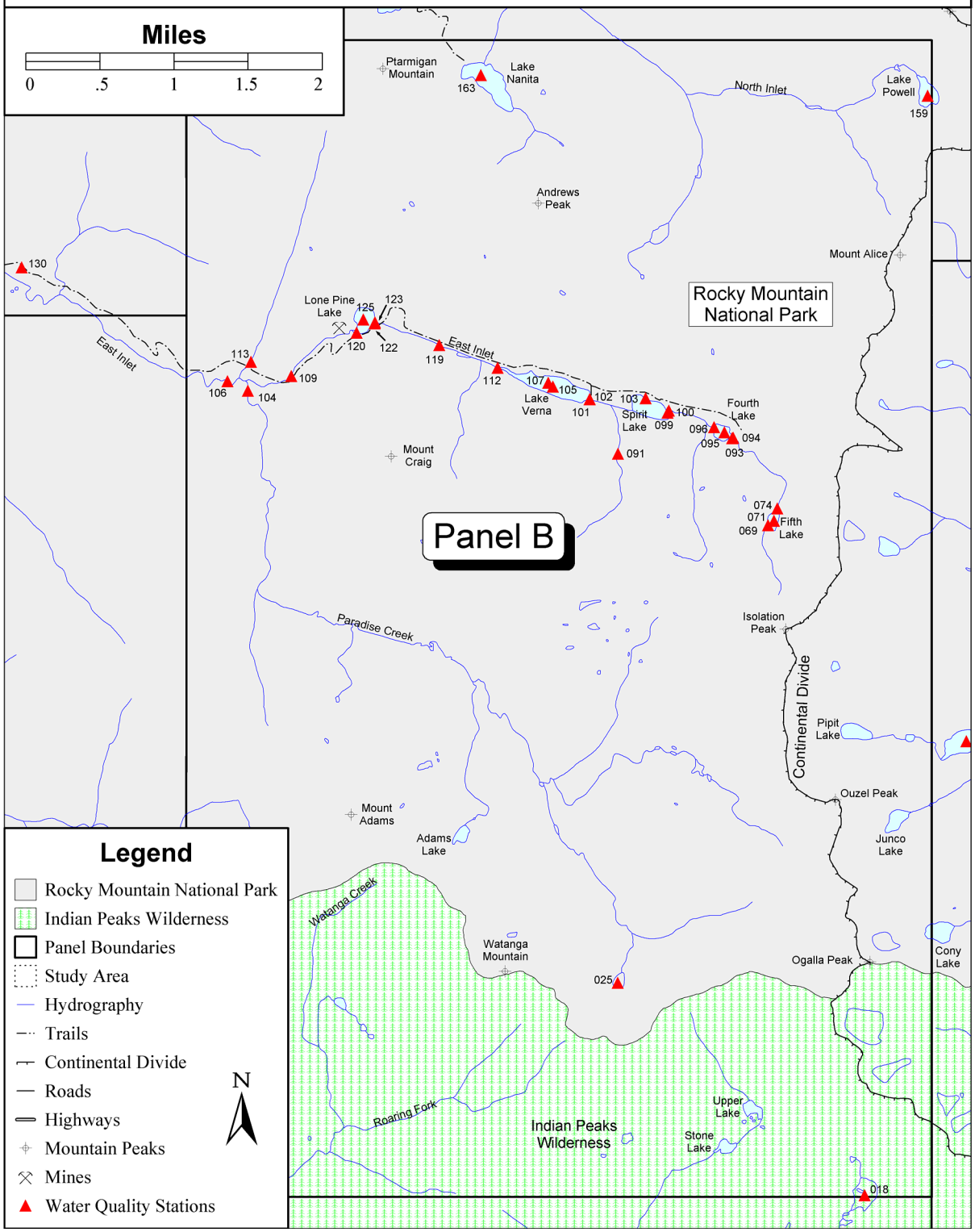
Rocky Mountain National Park

Water Quality Monitoring Locations



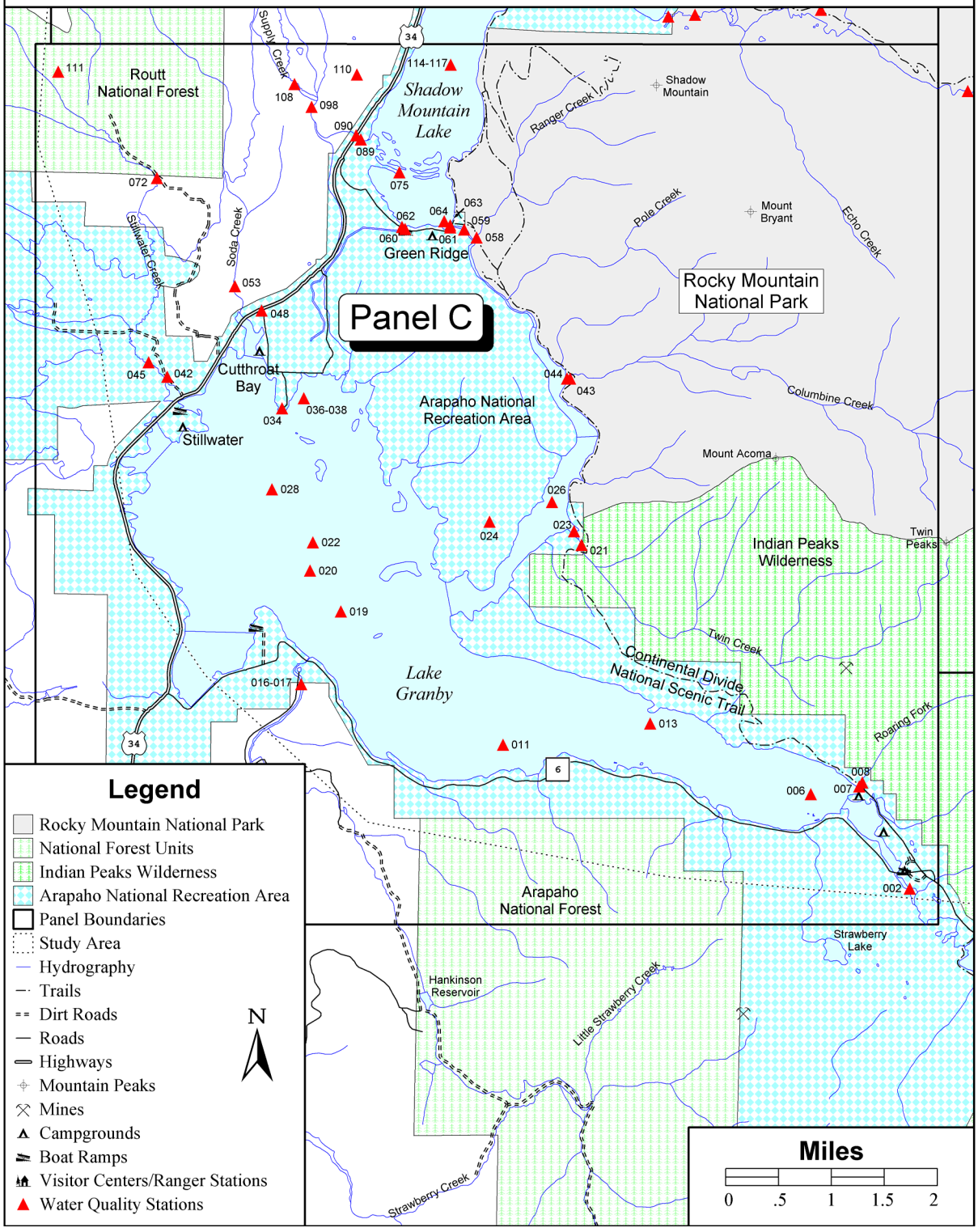
Rocky Mountain National Park

Water Quality Monitoring Locations



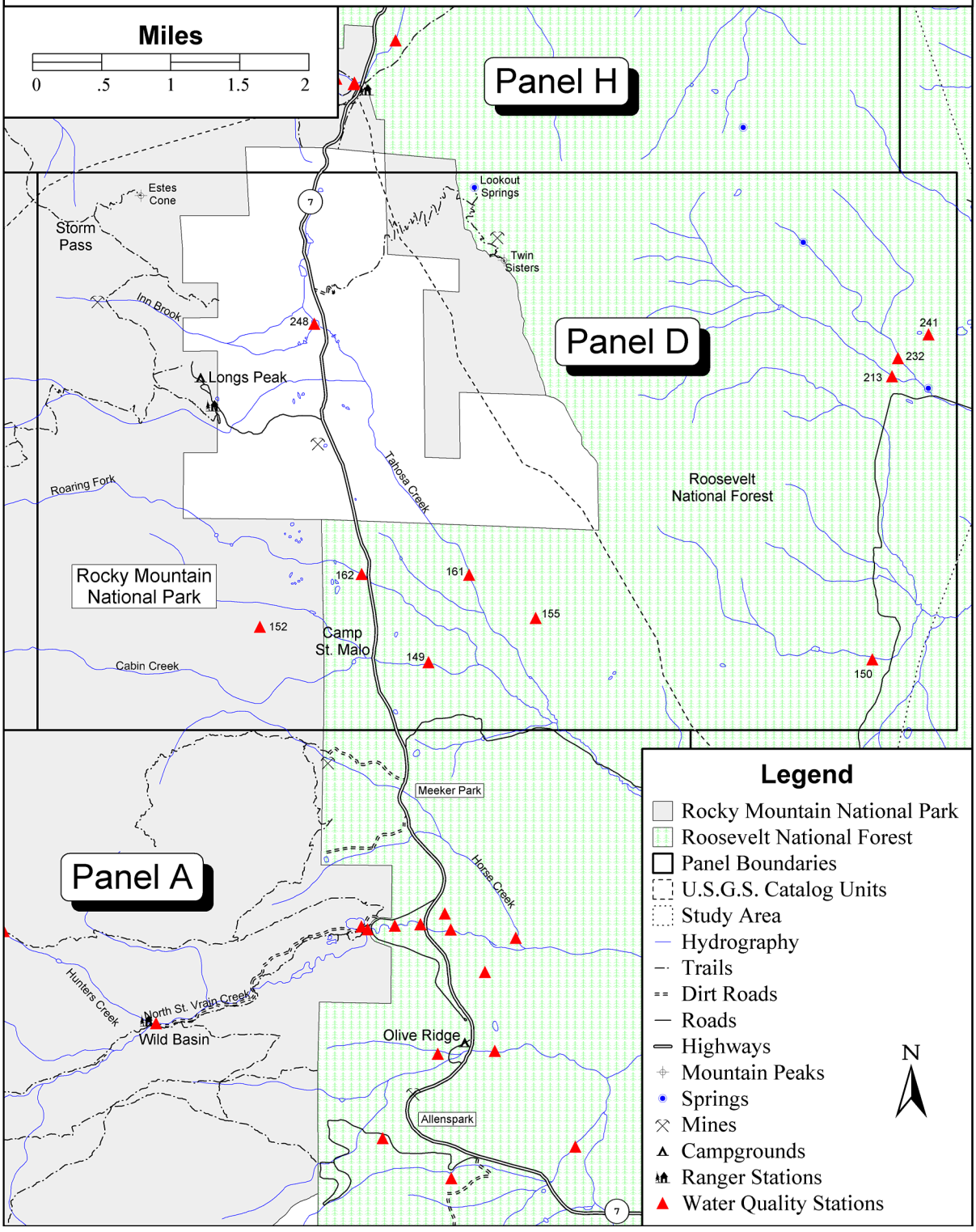
Rocky Mountain National Park

Water Quality Monitoring Locations



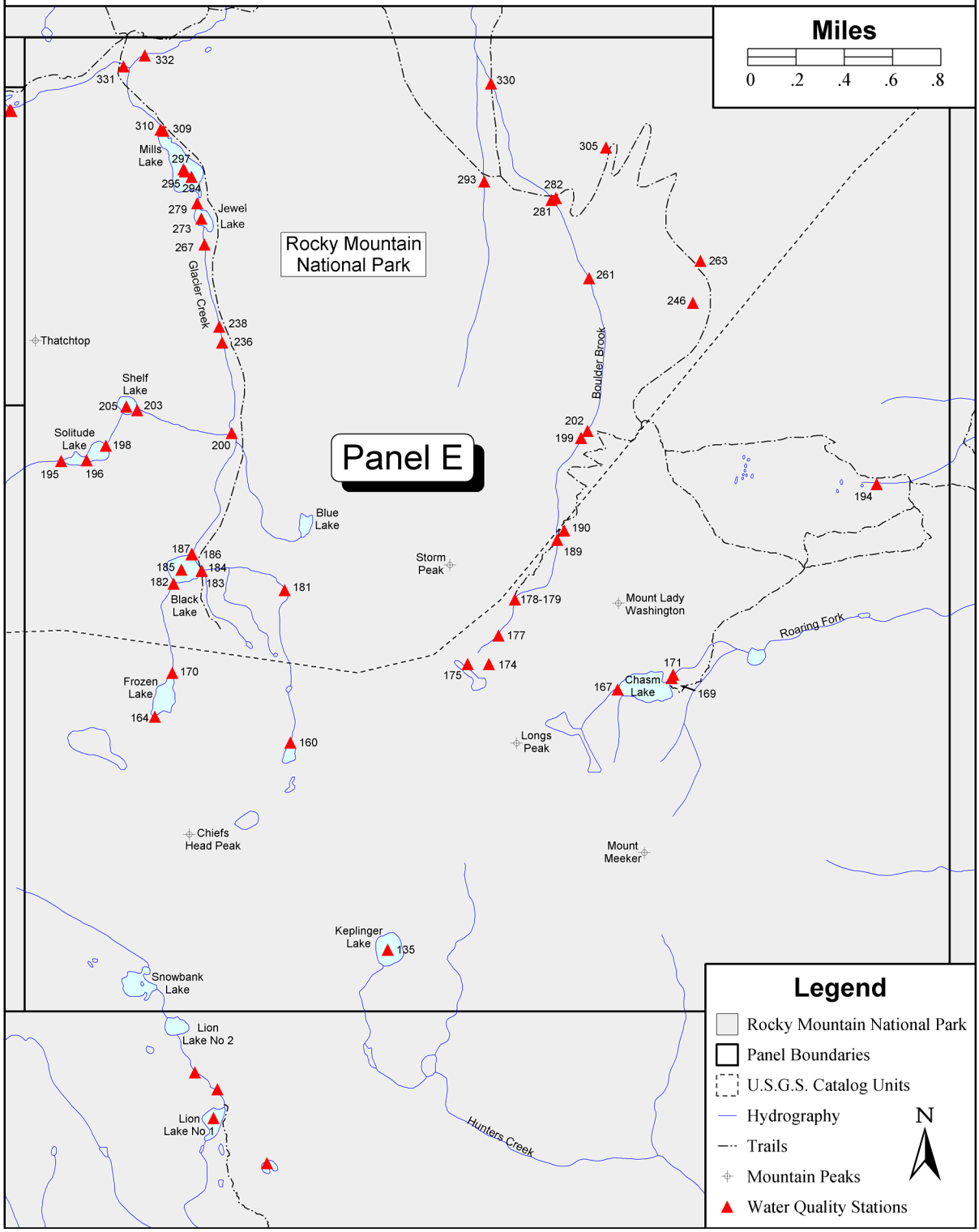
Rocky Mountain National Park

Water Quality Monitoring Locations



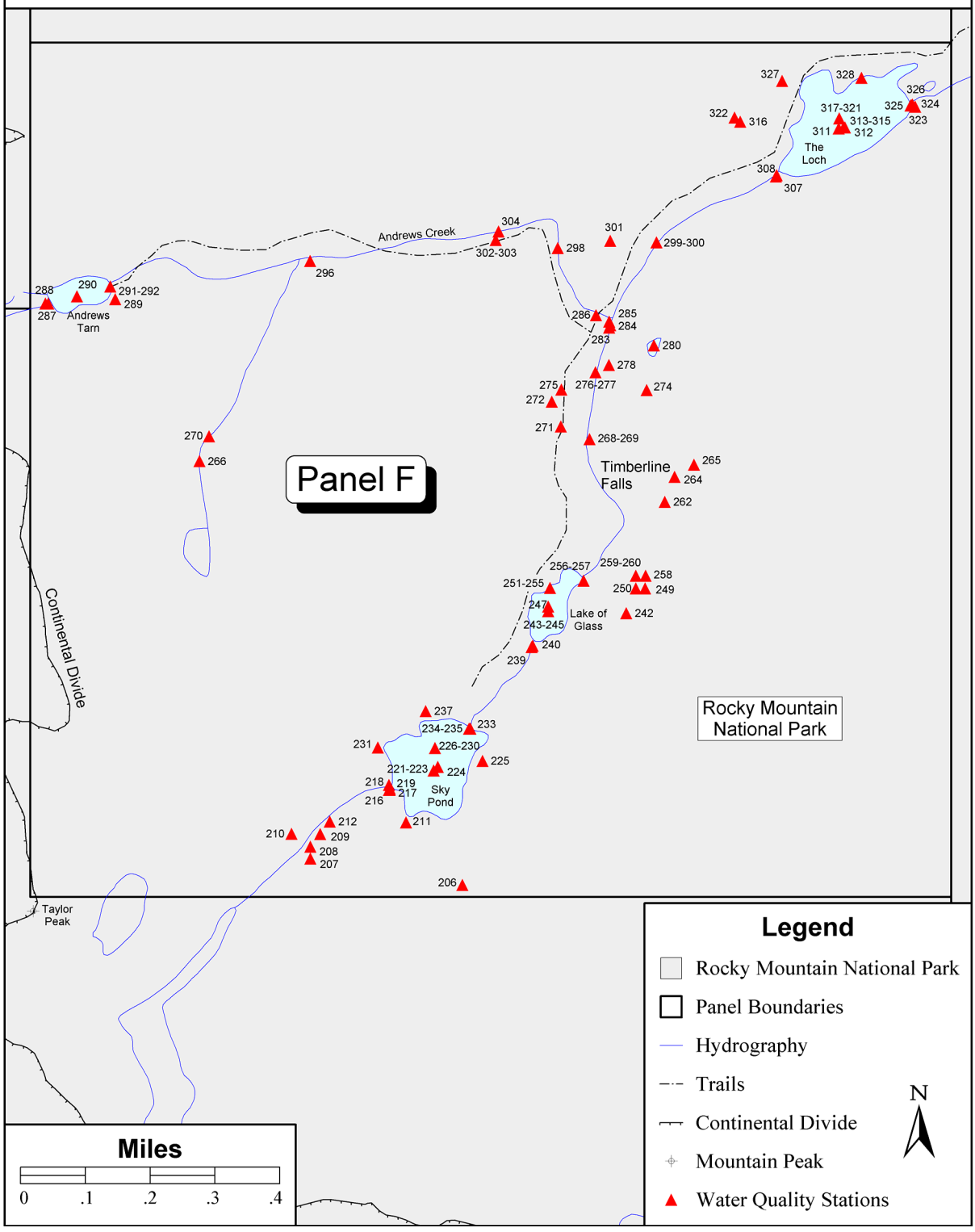
Rocky Mountain National Park

Water Quality Monitoring Locations



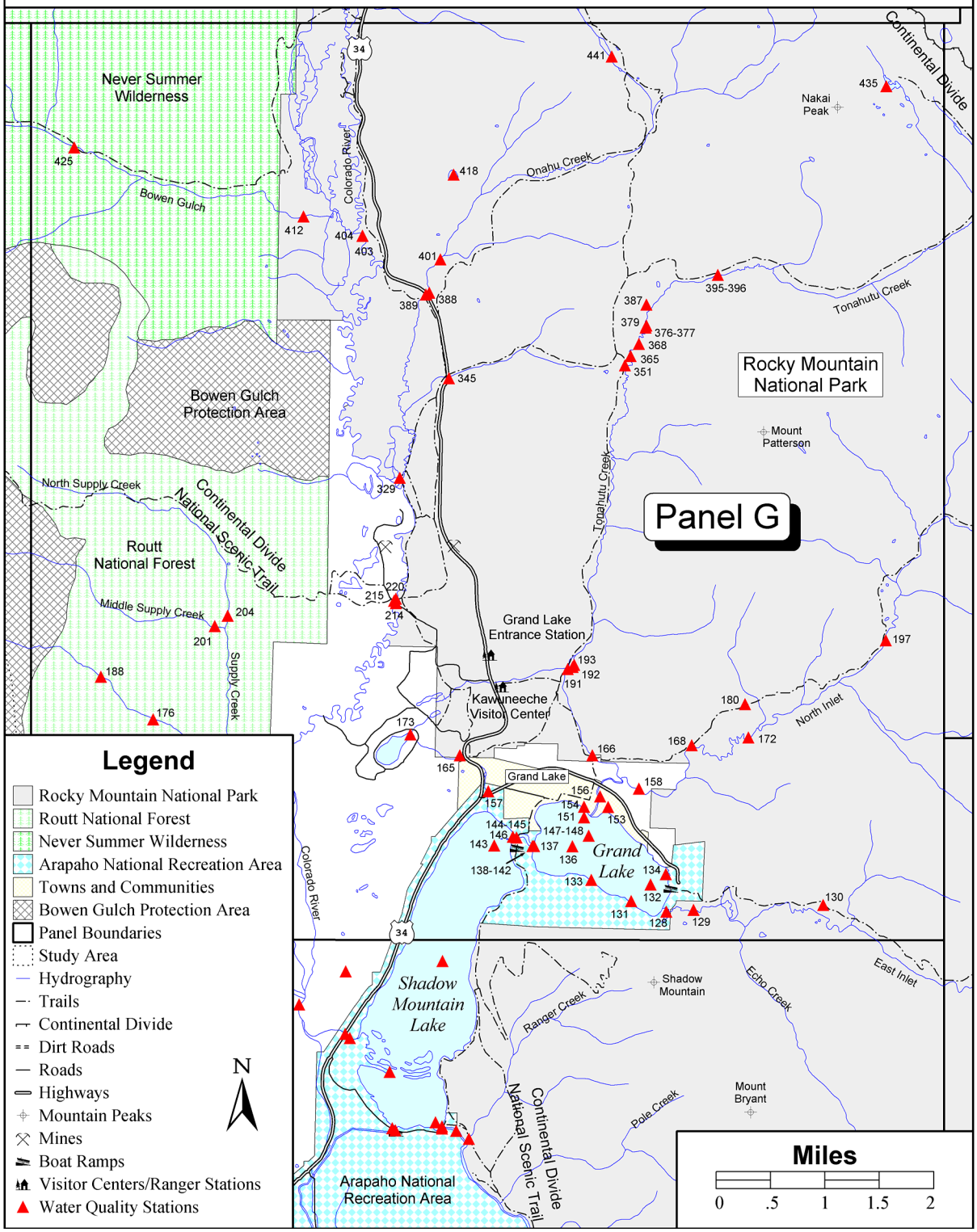
Rocky Mountain National Park

Water Quality Monitoring Locations



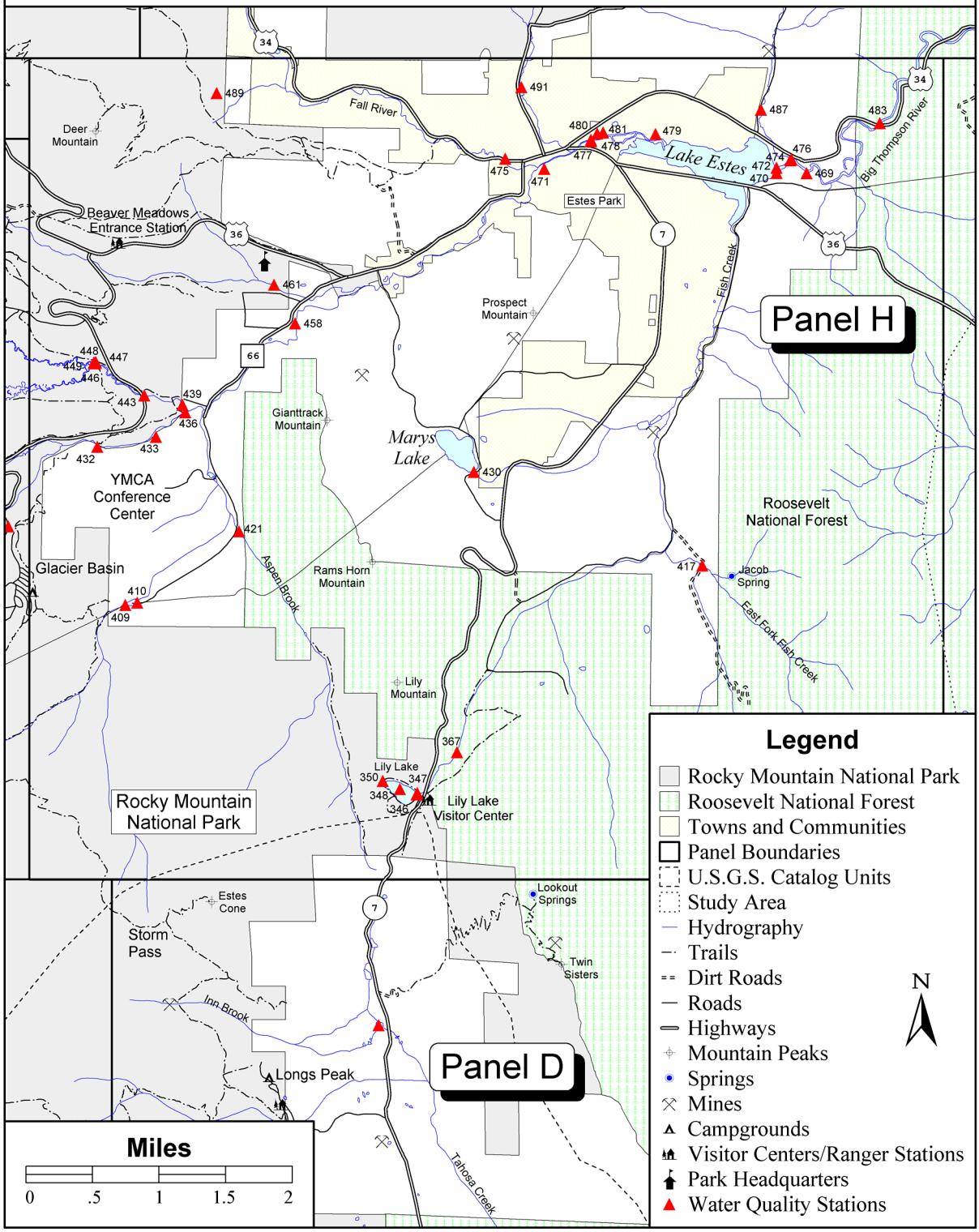
Rocky Mountain National Park

Water Quality Monitoring Locations



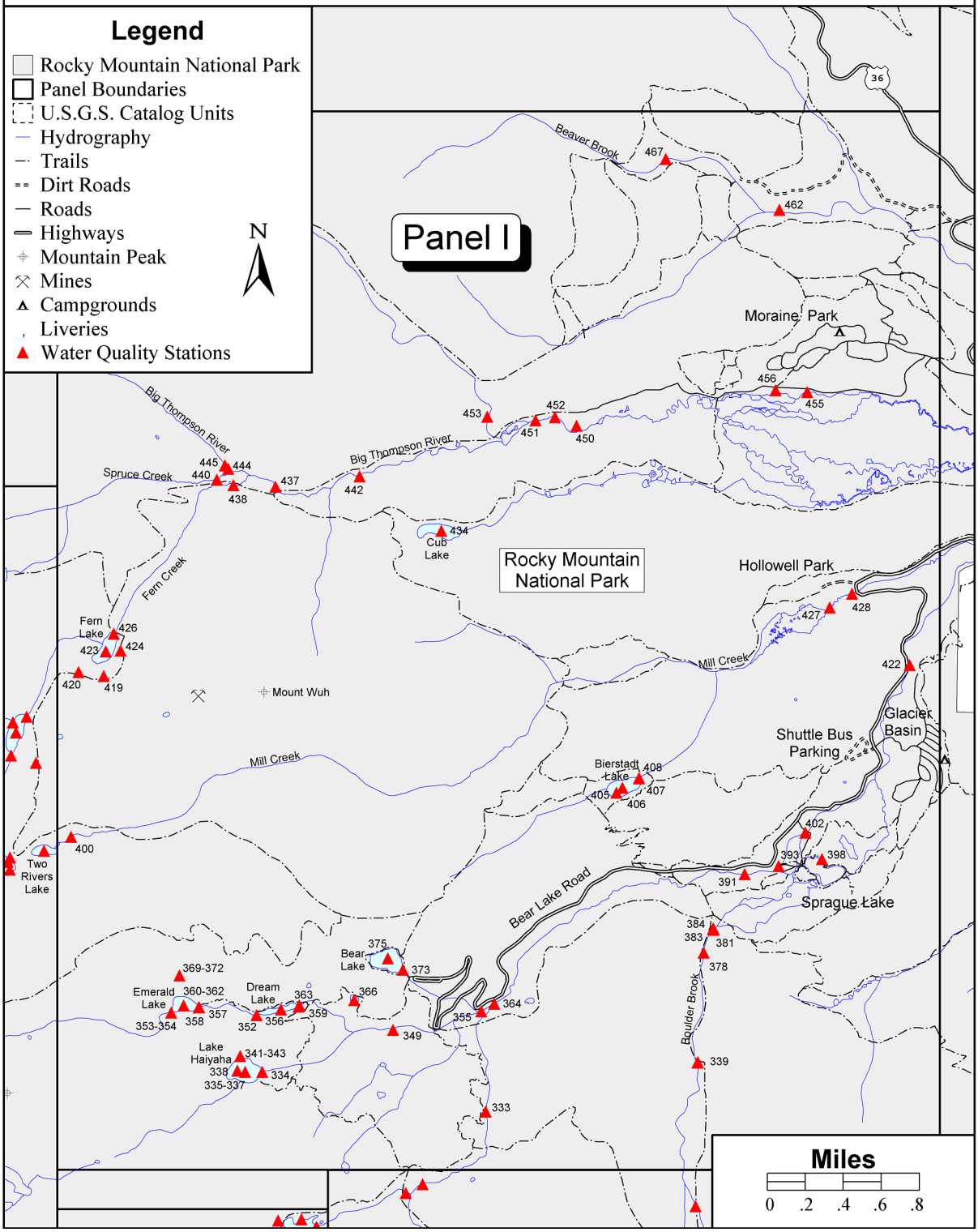
Rocky Mountain National Park

Water Quality Monitoring Locations



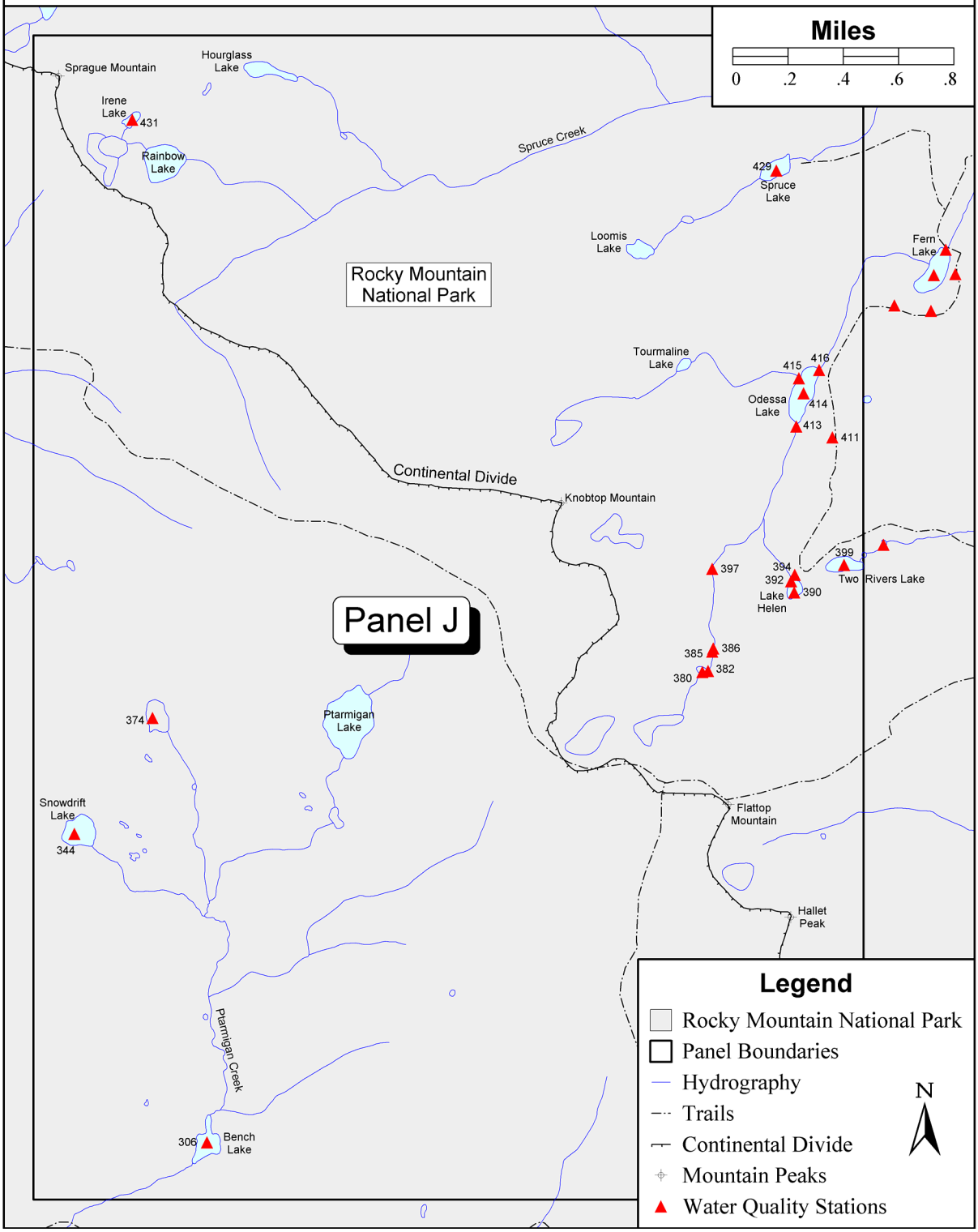
Rocky Mountain National Park

Water Quality Monitoring Locations



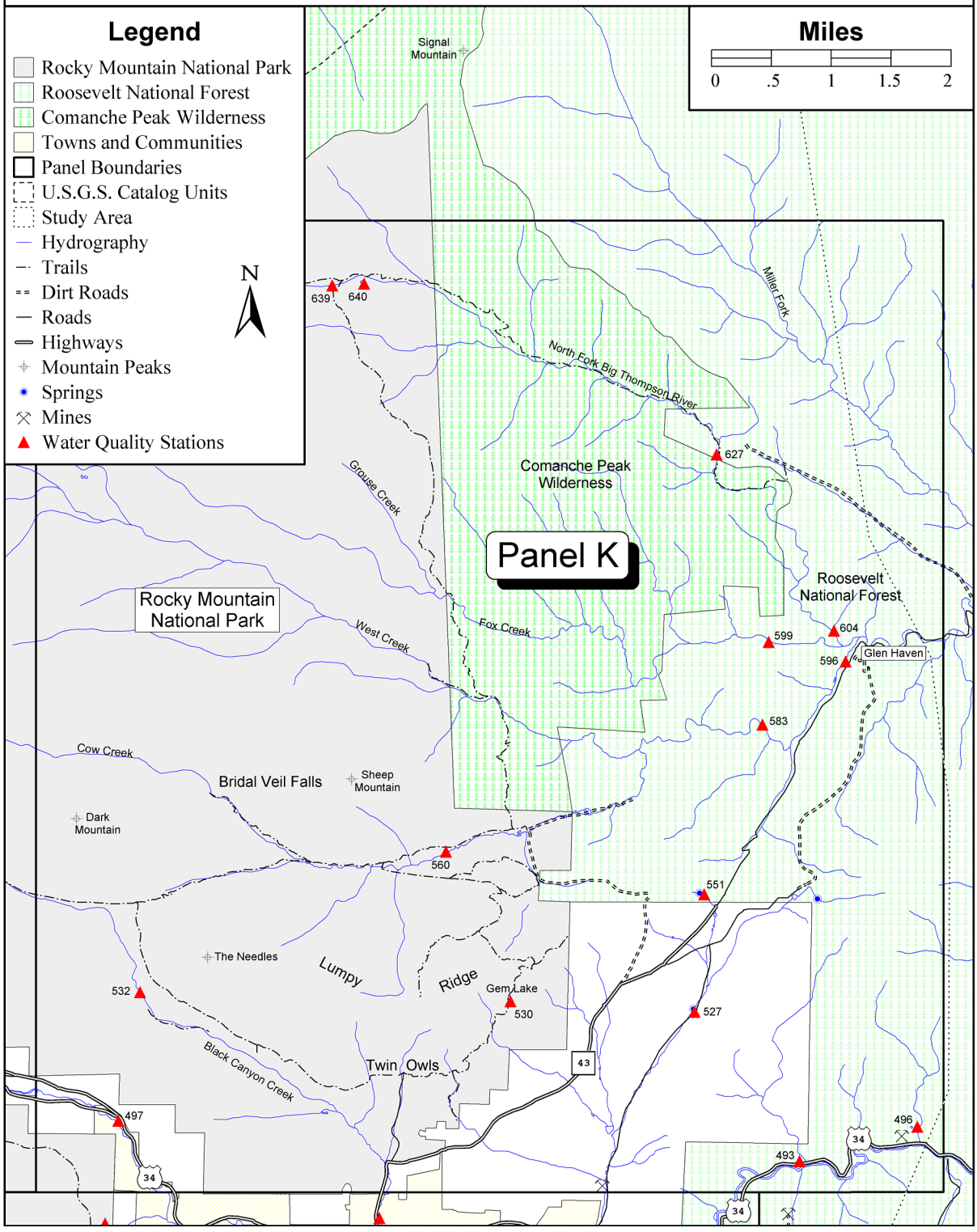
Rocky Mountain National Park

Water Quality Monitoring Locations



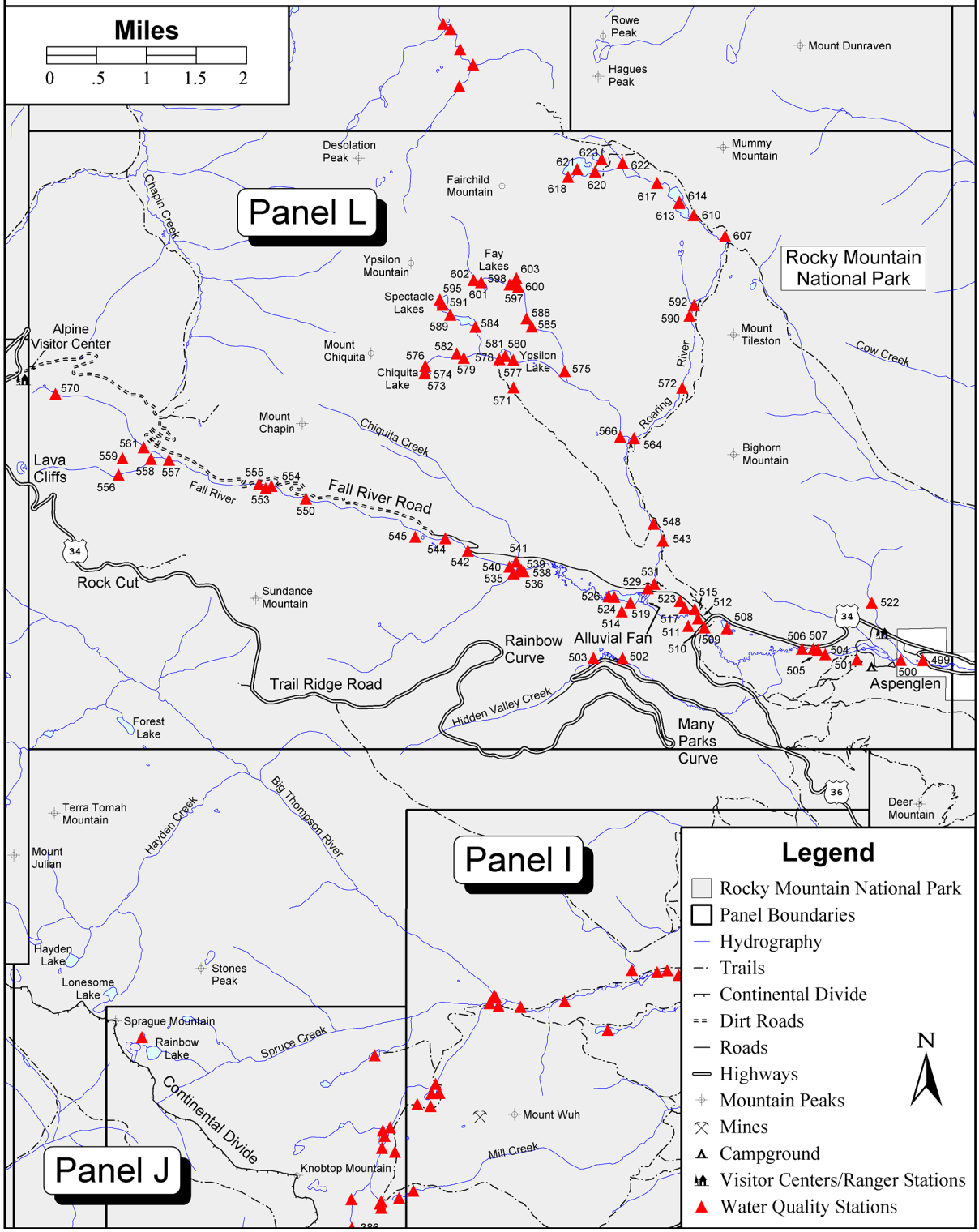
Rocky Mountain National Park

Water Quality Monitoring Locations



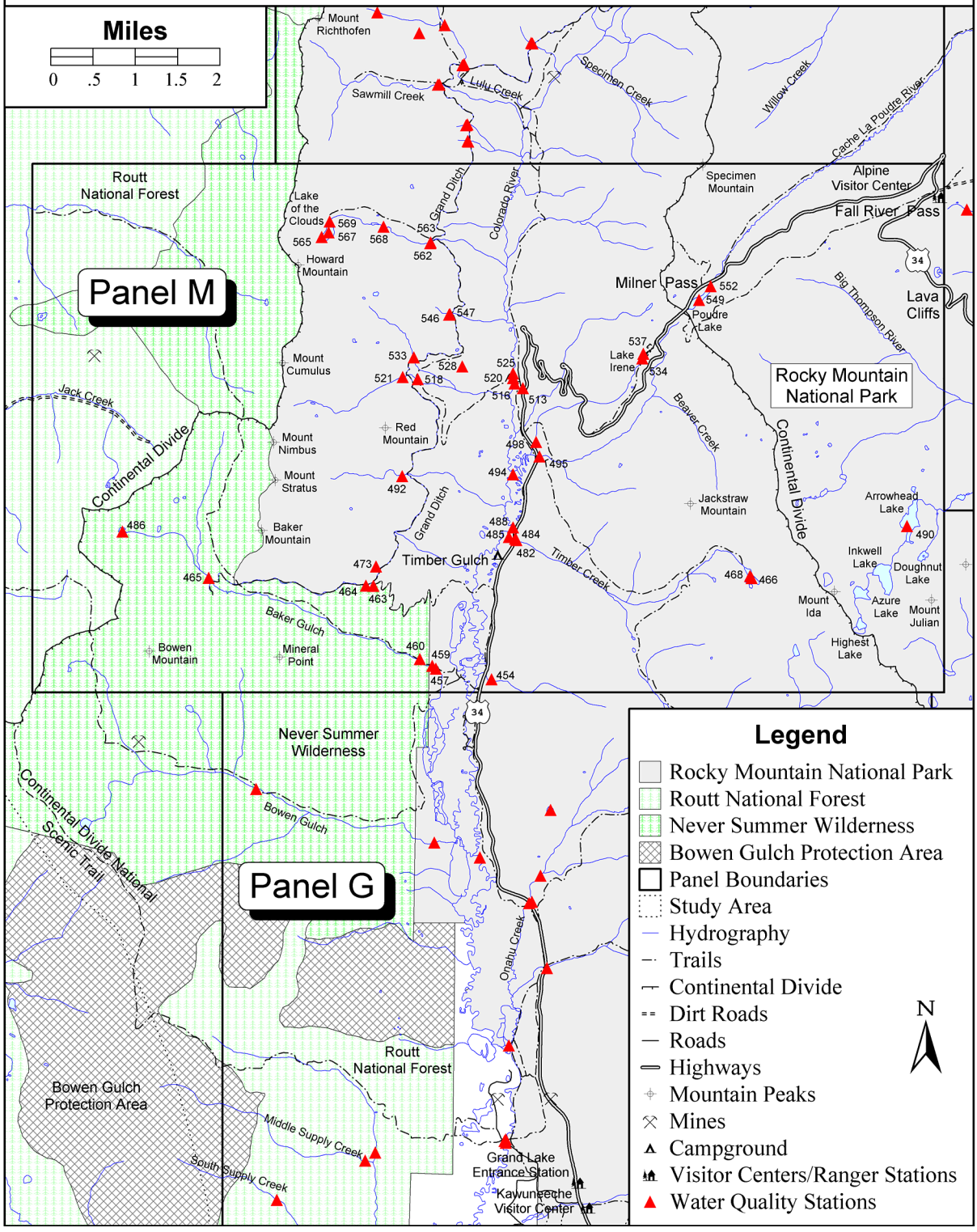
Rocky Mountain National Park

Water Quality Monitoring Locations



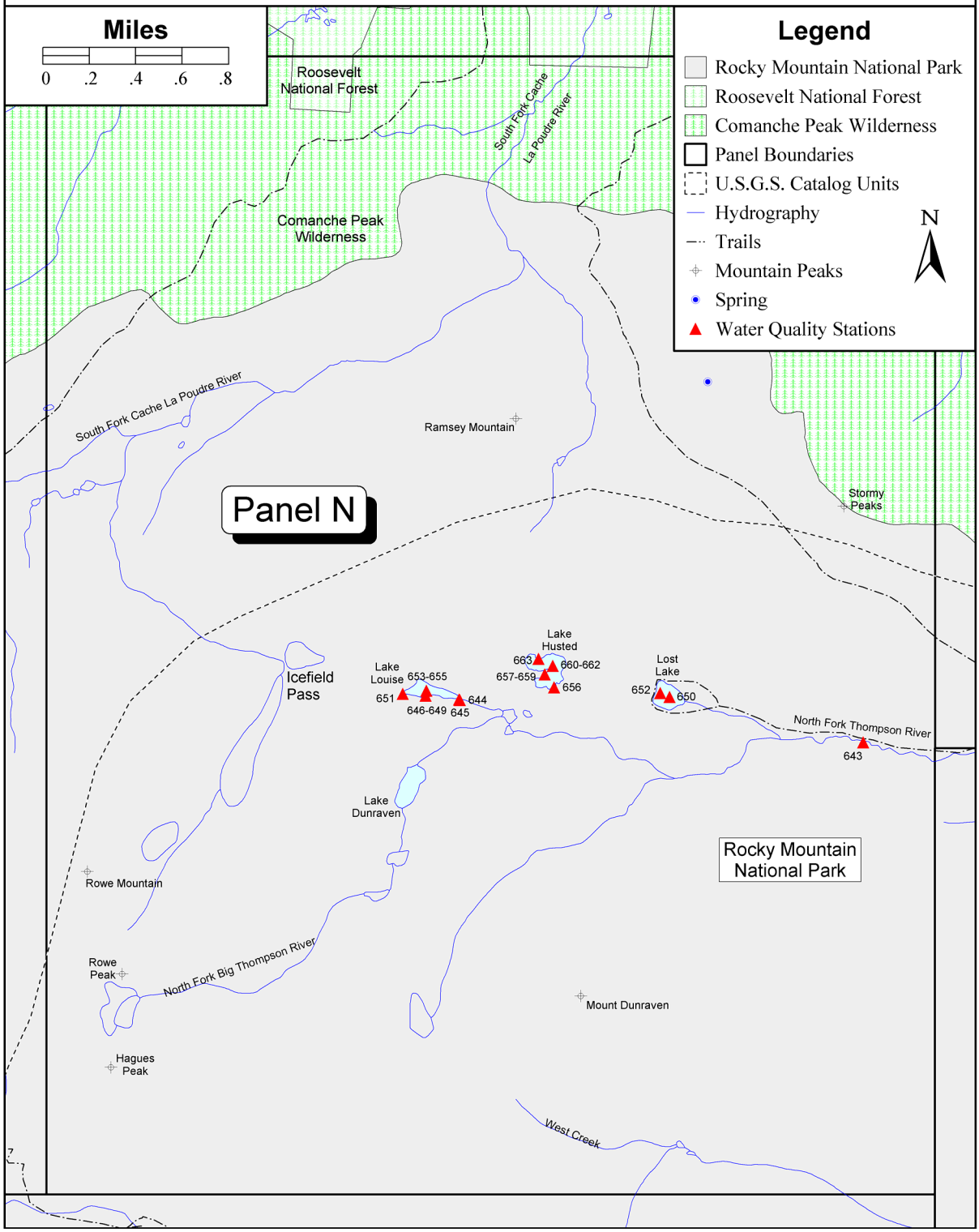
Rocky Mountain National Park

Water Quality Monitoring Locations



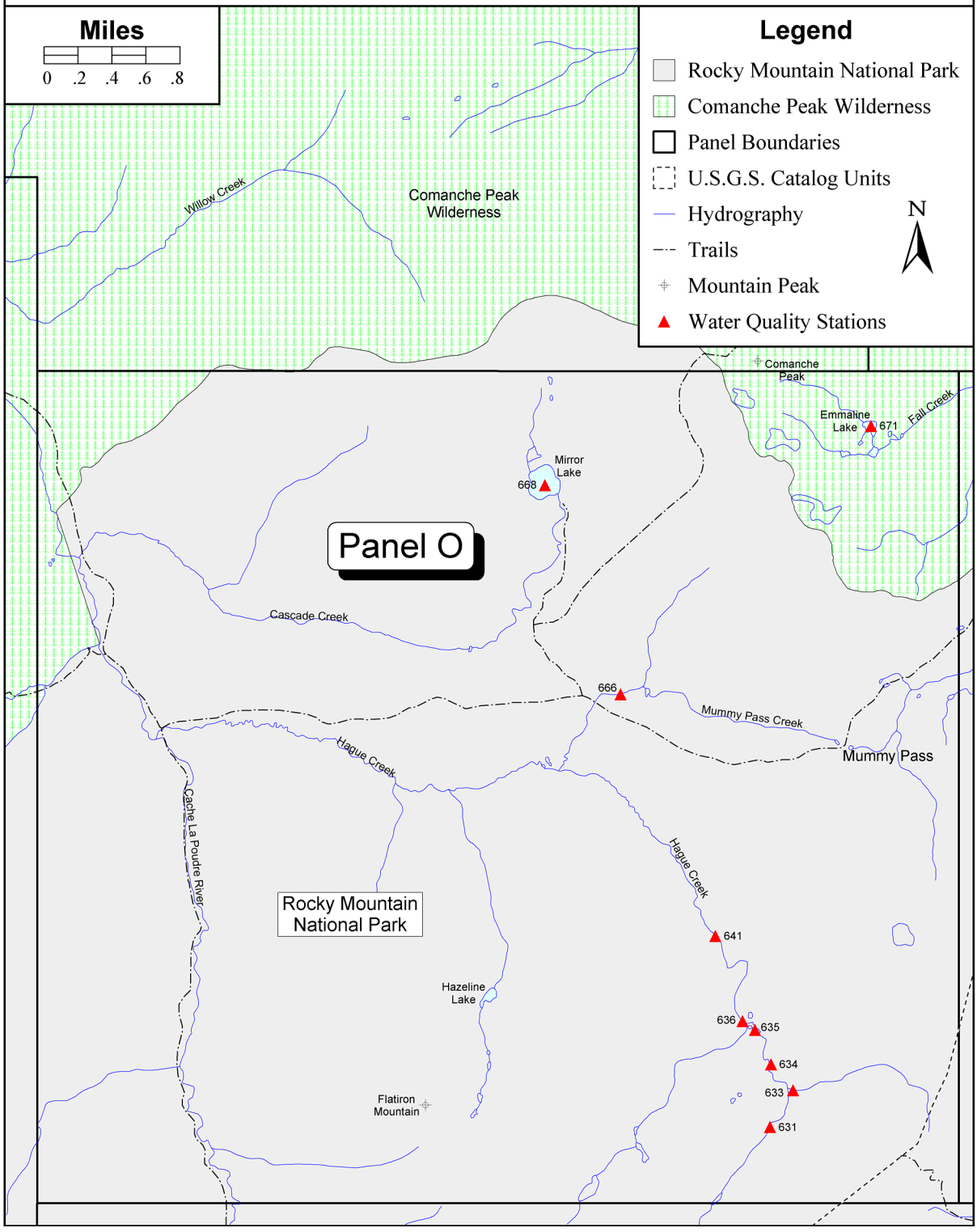
Rocky Mountain National Park

Water Quality Monitoring Locations



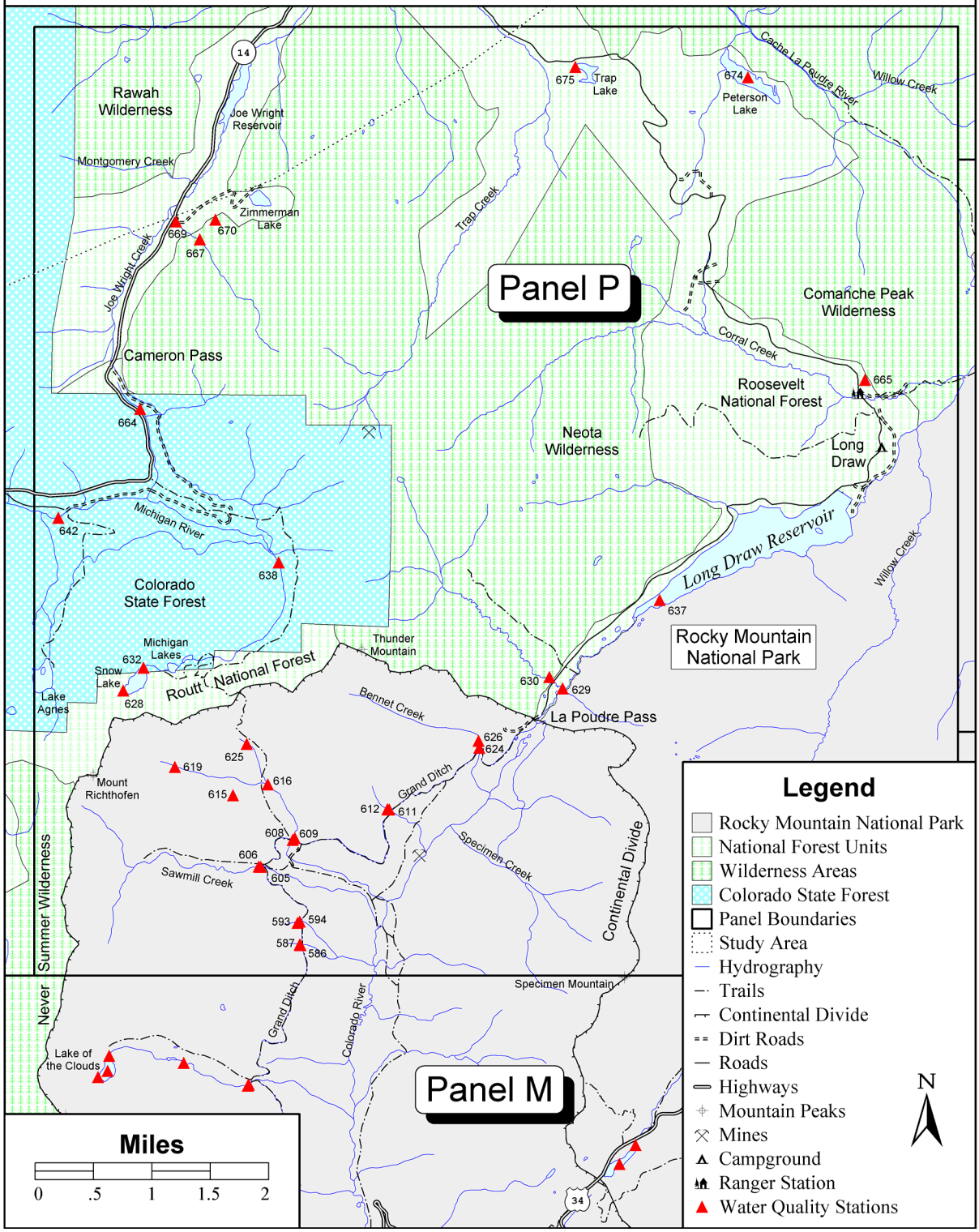
Rocky Mountain National Park

Water Quality Monitoring Locations



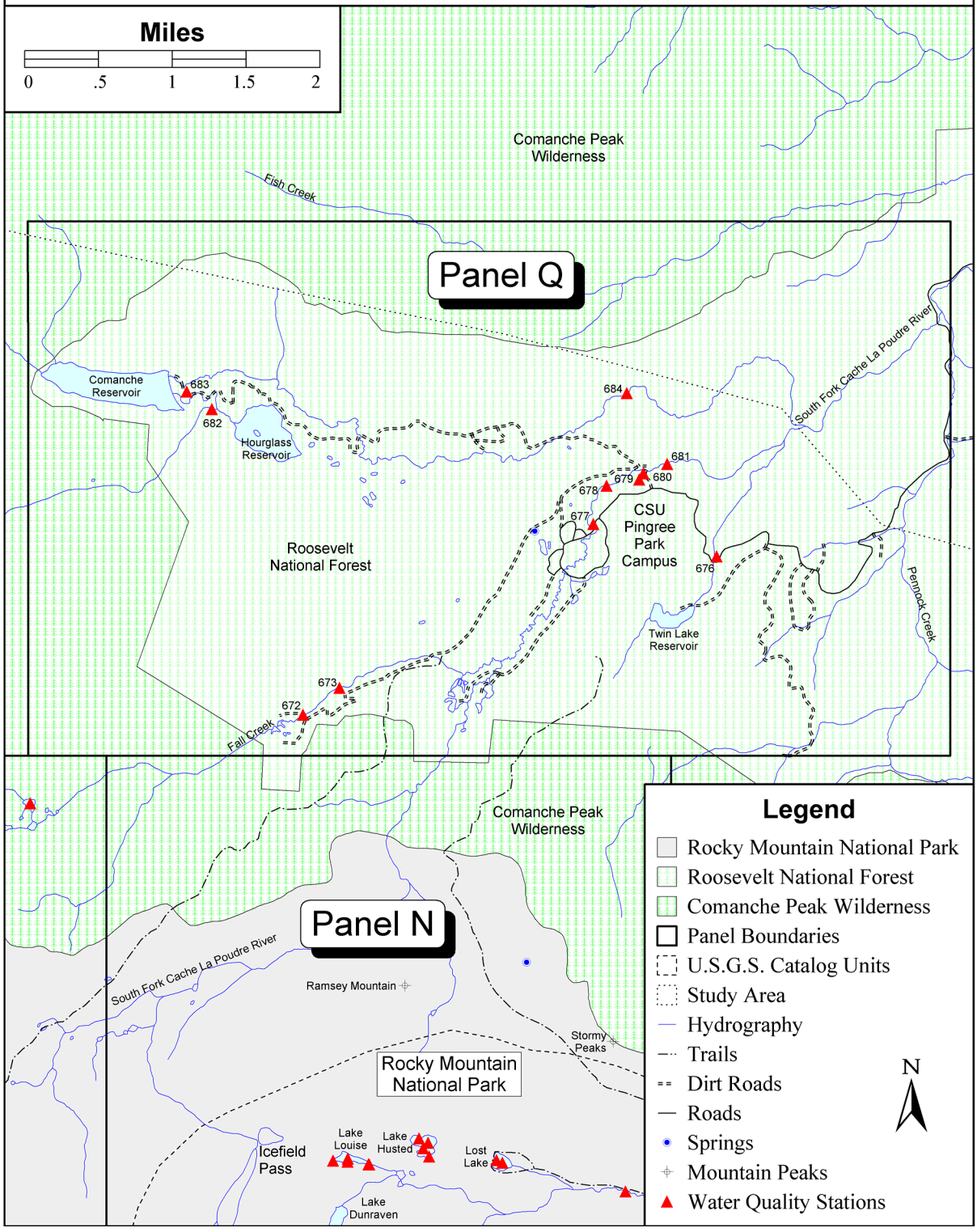
Rocky Mountain National Park

Water Quality Monitoring Locations



Rocky Mountain National Park

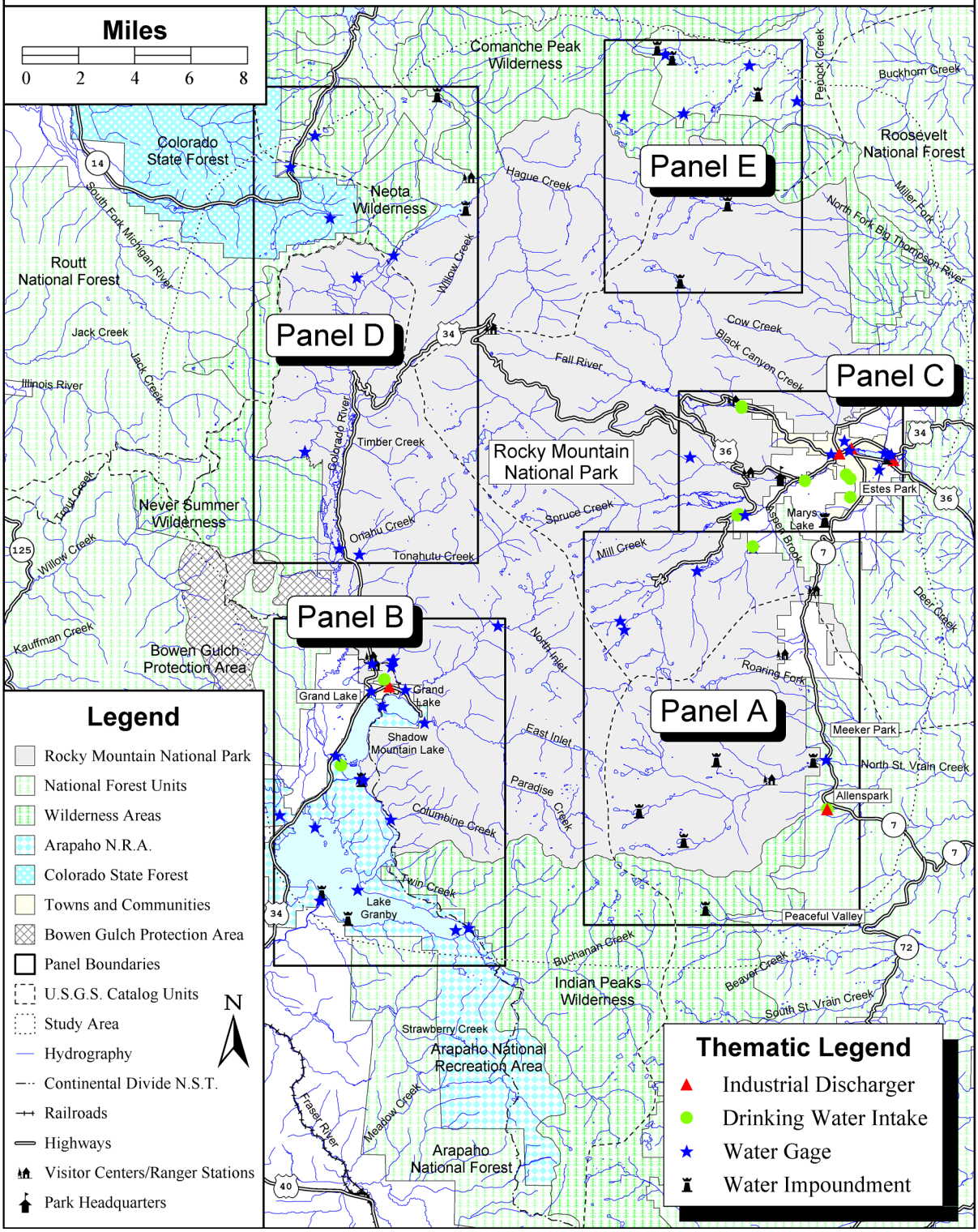
Water Quality Monitoring Locations



Rocky Mountain National Park

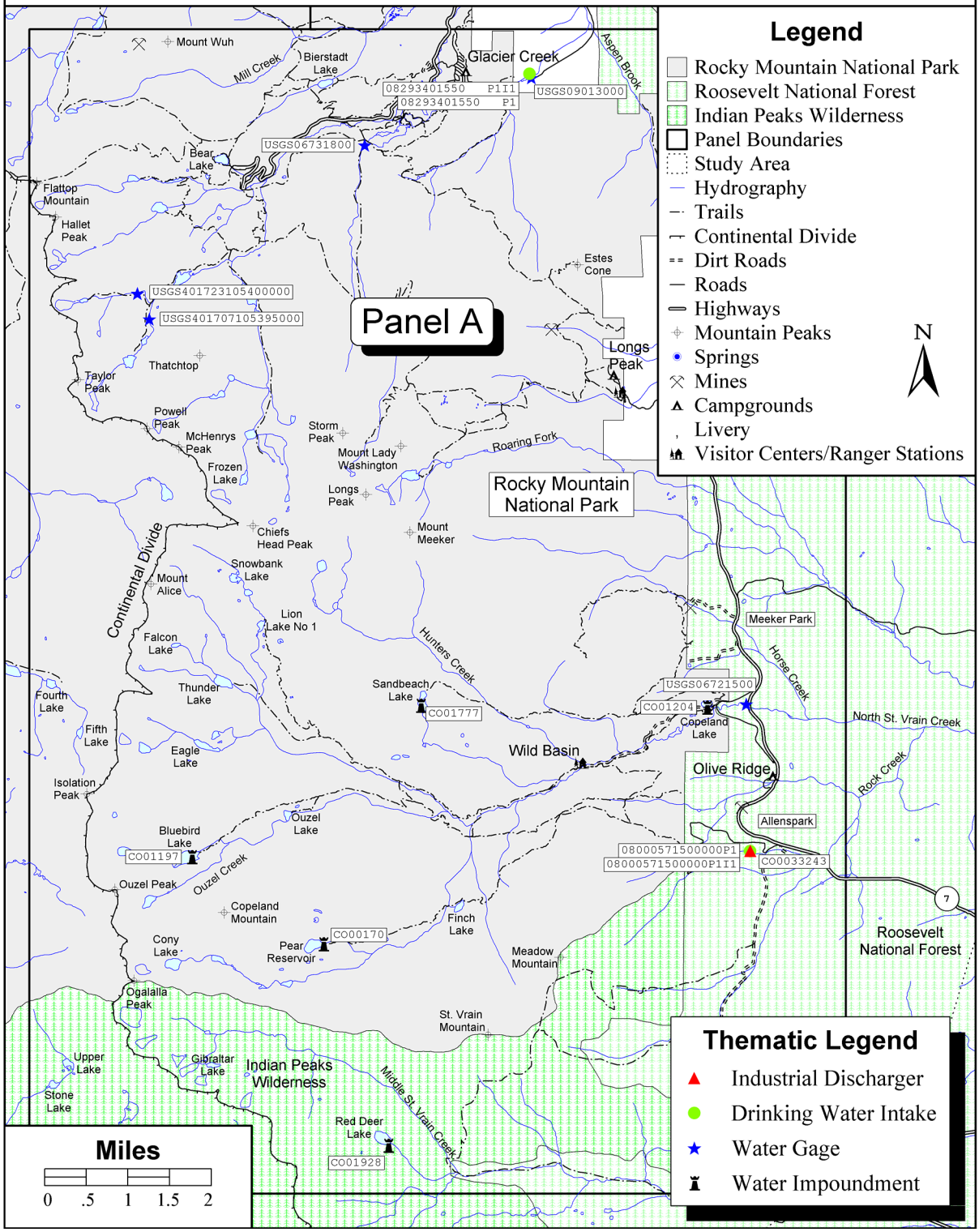
Dischargers, Drinking Intakes, Water Gages, & Water Impoundments

Graphic Panel Index



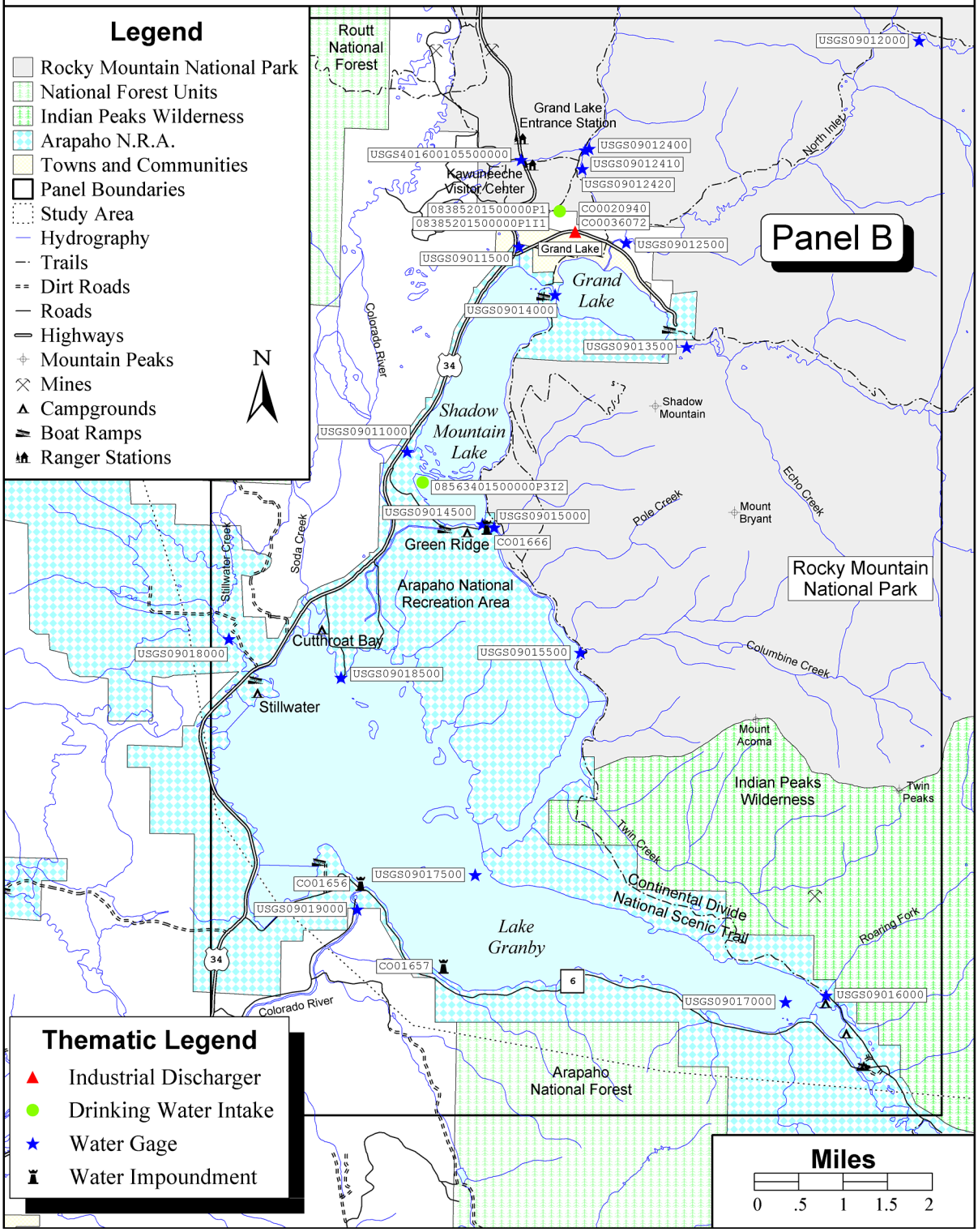
Rocky Mountain National Park

Dischargers, Drinking Intakes, Water Gages, & Water Impoundments



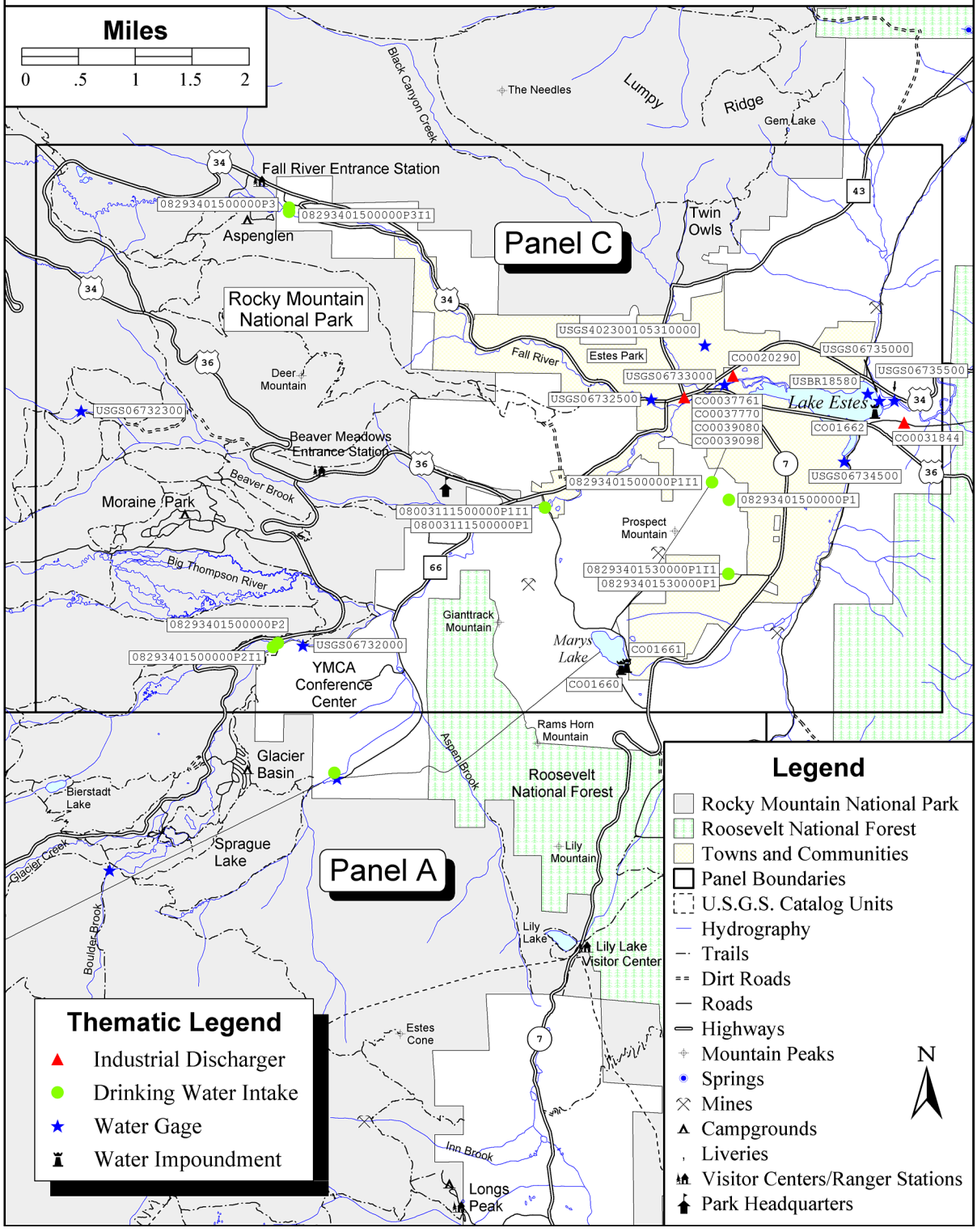
Rocky Mountain National Park

Dischargers, Drinking Intakes, Water Gages, & Water Impoundments



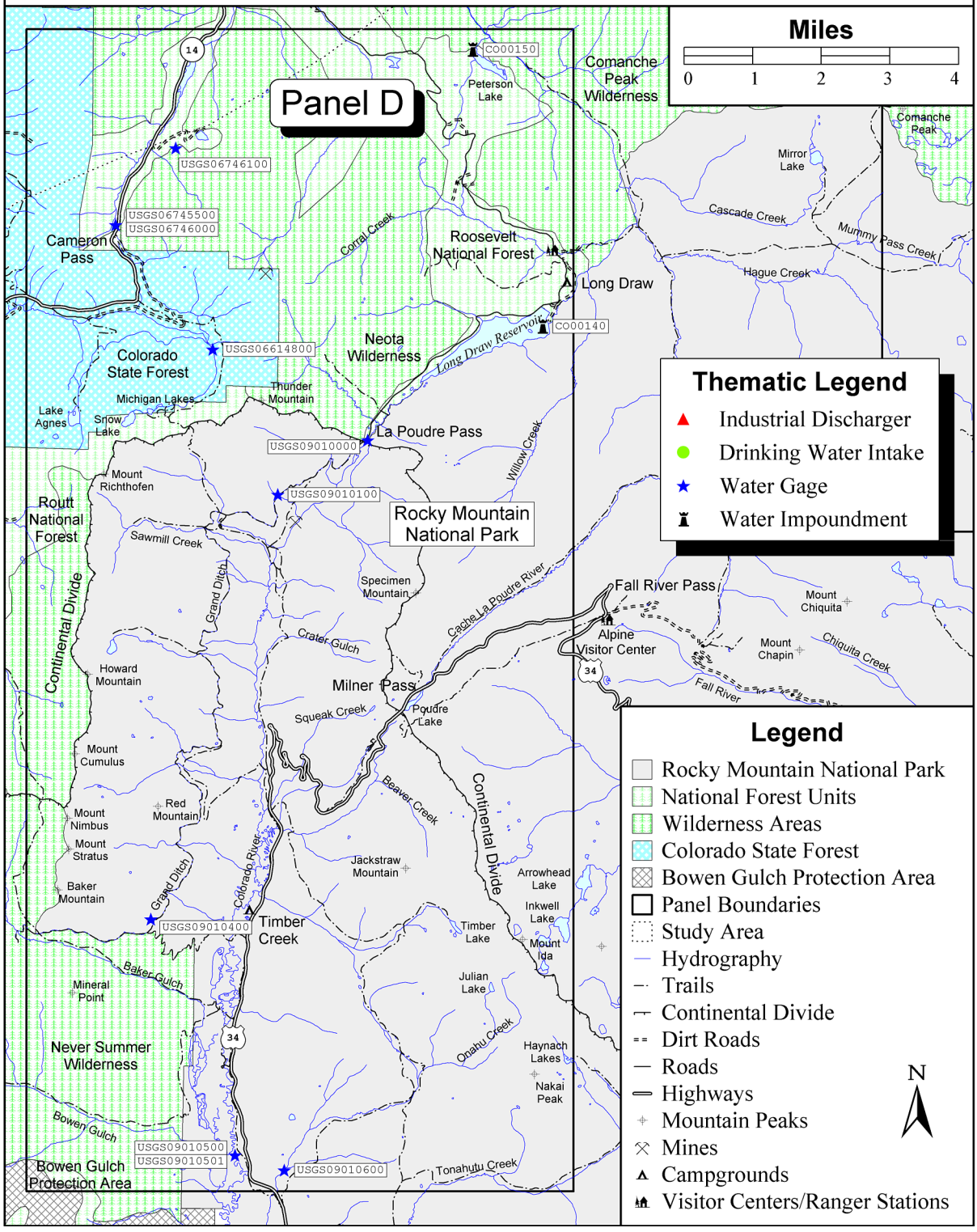
Rocky Mountain National Park

Dischargers, Drinking Intakes, Water Gages, & Water Impoundments



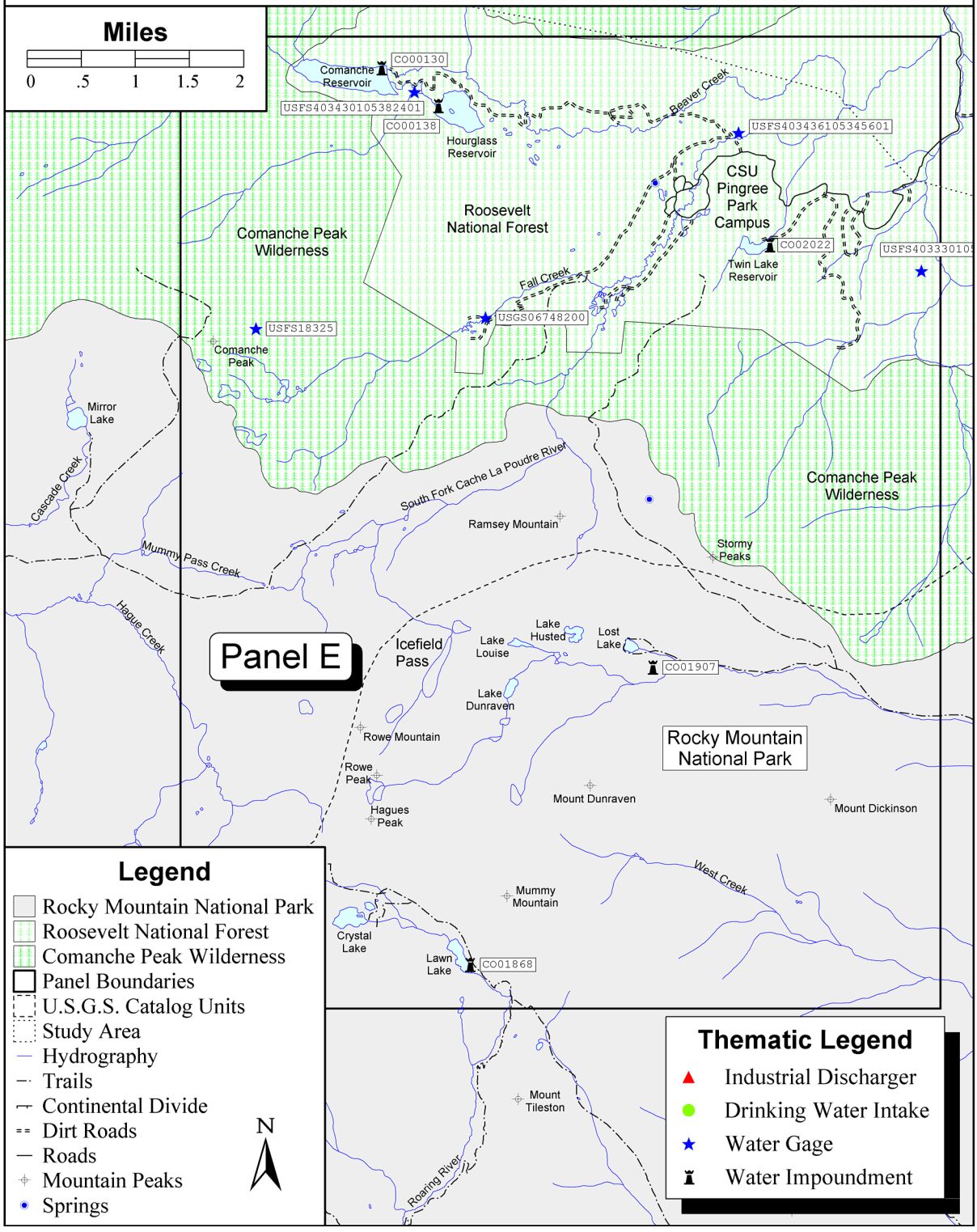
Rocky Mountain National Park

Dischargers, Drinking Intakes, Water Gages, & Water Impoundments



Rocky Mountain National Park

Dischargers, Drinking Intakes, Water Gages, & Water Impoundments



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

Industrial Facility Discharges

Site ID	Station/Facility Name	Address	City	Facility Receiving Water Name
CO0020290	ESTES PARK SANITATION DISTRICT	P.O. BOX 722	ESTES PARK	BIG THOMPSON RIVER
CO0020940	THREE LAKES WATER & SANT DIST	BOX 515	GRAND LAKE	SHADOW MOUNTAIN RE
CO0031844	UPPER THOMPSON SANITATION DIST	P.O. BOX 568	ESTES PARK	BIG THOMPSON RIVER
CO0033243	ALLENSPARK WATER & SANT DISTRI	.....	ALLENSPARK	TR TO N ST VRAIN C
CO0036072	BRAMWELL, ERMA A.	P O BOX 553	GRAND LAKE	NORTH INLET TO GRAND LAKE
CO0037761	ESTES PARK, TOWN BLACK CANYON	P O BOX 1200	ESTES PARK	BLK CANYON CREEK
CO0037770	ESTES PARK, TOWN GLACIER CREEK	170 MACGREGOR AVENUE	ESTES PARK	GLACIER CREEK
CO0039080	ESTES PARK, TOWN FALL RIVER TP	P O BOX 1200	ESTES PARK	FALL RIVER
CO0039098	ESTES PARK, TOWN BIG THOMPSON	P O BOX 1200	ESTES PARK	FISH CREEK

Drinking Water Intakes

Site ID	Station/Facility Name	City	Population Served	Avg. Daily Production (Gal./Day)
08000571500000P1	TREATMENT PLANT	ALLENSPARK	320	2000.00
08000571500000P1I1	WILLOW CREEK	ALLENSPARK	320	2000.00
08003111500000P1	TREATMENT PLANT	ESTES PARK	300	
08003111500000P1I1	BIG THOMPSON RV	ESTES PARK	300	
08293401500000P1	BIG THOMPSON TRT PLT	ESTES PARK	7500	
08293401500000P1I1	MARY'S LAKE TUNNEL	ESTES PARK	7500	
08293401500000P2	GLACIER CR. TRT. PLT	ESTES PARK	7500	
08293401500000P2I1	GLACIER CREEK	ESTES PARK	7500	
08293401500000P3	FALL RIVER TRT. PLT.	ESTES PARK	7500	
08293401500000P3I1	FALL RIVER	ESTES PARK	7500	
08293401530000P1	TREATMENT PLANT	ESTES PARK	150	8000.00
08293401530000P1I1	MARYS LAKE	ESTES PARK	150	8000.00
08293401550 P1	TREATMENT PLANT	ESTES PARK	2500	
08293401550 P1I1	ASPEN CREEK	ESTES PARK	2500	
08385201500000P1	TREATMENT PLANT	GRAND LAKE	600	0000.00
08385201500000P1I1	TONAHUTU CREEK	GRAND LAKE	600	0000.00
08563401500000P3I2	HIGHLAND DITCH	LONGMONT	53500	0000.00

Water Gages

Site ID	Station Name	Site Type	Drainage Area (Square Miles)	Begin Year	End Year
USBR18580	LAKE ESTES CO	Lake			
USFS18325	UPPER HOUR GLASS COL	Stream			
USFS403330105330001	PENNOCK C COLO	Stream	10.75		
USFS403430105382401	LOWER HOUR GLASS COL	Stream	3.05		
USFS403436105345601	L S CACHE LA POUDRE	Stream	15.25		
USGS06614800	MICHIGAN RIVER NEAR CAMERON PASS, CO.	Stream	1.53	1974	1993
USGS06732000	GLACIER CREEK NEAR ESTES PARK, CO.		20.80	1942	1971
USGS06733000	BIG THOMPSON RIVER AT ESTES PARK, CO.	Stream	137.00	1947	1998
USGS06735000	LK ESTES NR ESTES PA	Lake			

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

Water Gages

Site ID	Station Name	Site Type	Drainage Area (Square Miles)	Begin Year	End Year
USGS06735500	BIG THOMPSON RIVER NEAR ESTES PARK, CO.	Stream	155.00	1930	1993
USGS06745500	CAMERON PASS D AT CA	Canal			
USGS06746000	MICHIGAN D AT CAMERO	Canal			
USGS06746100	JOE WRIGHT CREEK NEAR CAMERON PASS, CO.	Stream	5.05	1973	1979
USGS06748200	FALL CREEK NEAR RUSTIC, CO.		3.59	1961	1973
USGS09010000	GRAND RIVER DITCH AT LA POUDRE PASS, CO.			1954	1967
USGS09010100	LADY CREEK NEAR GRAND LAKE, CO.	Stream	0.08	1969	1975
USGS09010400	JIMMY CREEK NEAR GRAND LAKE, CO.	Stream	0.08	1969	1976
USGS09010500	COLORADO R BELOW BAKER GULCH, NR GRAND LAKE, CO.	Stream	53.40	1953	1993
USGS09010501	COLO R BL BAKER GUL PLUS GRAND R D COLO		53.40	1954	1967
USGS09011000	COLORADO RIVER NEAR GRAND LAKE, CO.	Stream	102.00	1905	1986
USGS09012000	EUREKA D NR FLATTOP	Canal			
USGS09012500	NORTH INLET AT GRAND LAKE, CO.		45.90	1948	1955
USGS09013000	ALVA B ADAMS TUN AT E PORTAL, NR ESTES PARK, CO.	Stream		1947	1993
USGS09014500	SHADOW MOUNTAIN LAKE	Lake	185.00		
USGS09017500	ARAPAHO C NR LEHAM C	Stream	6800.00		
USGS09018000	STILLWATER CREEK AB LK GRANBY, NR GRAND LK, CO.		17.50	1951	1955
USGS09018500	LAKE GRANBY NEAR GRA	Lake	312.00		
USGS09019000	COLORADO RIVER BELOW LAKE GRANBY, CO.	Stream	312.00	1951	1982
USGS06721500	NORTH ST. VRAIN CREEK NEAR ALLENS PARK, CO.	Stream	32.60	1926	1993
USGS06731800	BOULDER BROOK NEAR ESTES PARK, CO.	Stream	3.83	1968	1971
USGS06732300	BEAVER BROOK NEAR ESTES PARK, CO.	Stream	1.49	1968	1971
USGS06732500	FALL RIVER AT ESTES PARK, CO.	Stream	39.80	1945	1953
USGS06734500	FISH CREEK NEAR ESTES PARK, CO.	Stream	15.80	1947	1955
USGS09010600	ONAHU CREEK NEAR GRAND LAKE, COLO.	Stream	8.84	1969	1969
USGS09011500	L COLUMBINE C AB SHADOW MTN LK, AT GRAND LK, CO.	Stream	1.65	1951	1955
USGS09012400	TONAHUTU CREEK NEAR GRAND LAKE, COLO.	Stream	16.00	1969	1969
USGS09012410	HARBISON DITCH NEAR GRAND LAKE, COLO.	Stream		1969	1970
USGS09012420	TONAHUTU CREEK BELOW HARBISON DITCH NEAR GRAND L	Stream		1969	1970
USGS09013500	EAST INLET NEAR GRAND LAKE, CO.	Stream	27.20	1948	1955
USGS09014000	GRAND LAKE OUTLET AT GRAND LAKE, CO.	Stream	76.30	1905	1913
USGS09015000	COLORADO RIVER BL SHADOW MOUNTAIN RESERVOIR, CO.	Stream	190.00	1948	1959
USGS09015500	COLUMBINE CREEK AB LAKE GRANBY, NR GRAND LK, CO.	Stream	7.38	1950	1955
USGS09016000	ROARING FORK ABOVE LAKE GRANBY, CO.	Stream	5.95	1952	1955
USGS09017000	ARAPAHO CREEK BELOW MONARCH LAKE, CO.	Stream	56.90	1936	1944
USGS401707105395000	ICY BROOK-LOCH VALE-RMNP	Stream		1992	1992
USGS401723105400000	ANDREWS CREEK-LOCH VALE-RMNP	Stream		1992	1992
USGS401600105500000	GRAND LAKE 1 N.W. WEATHER STATION	Climate			
USGS402300105310000	ESTES PARK, WEATHER STATION	Climate			

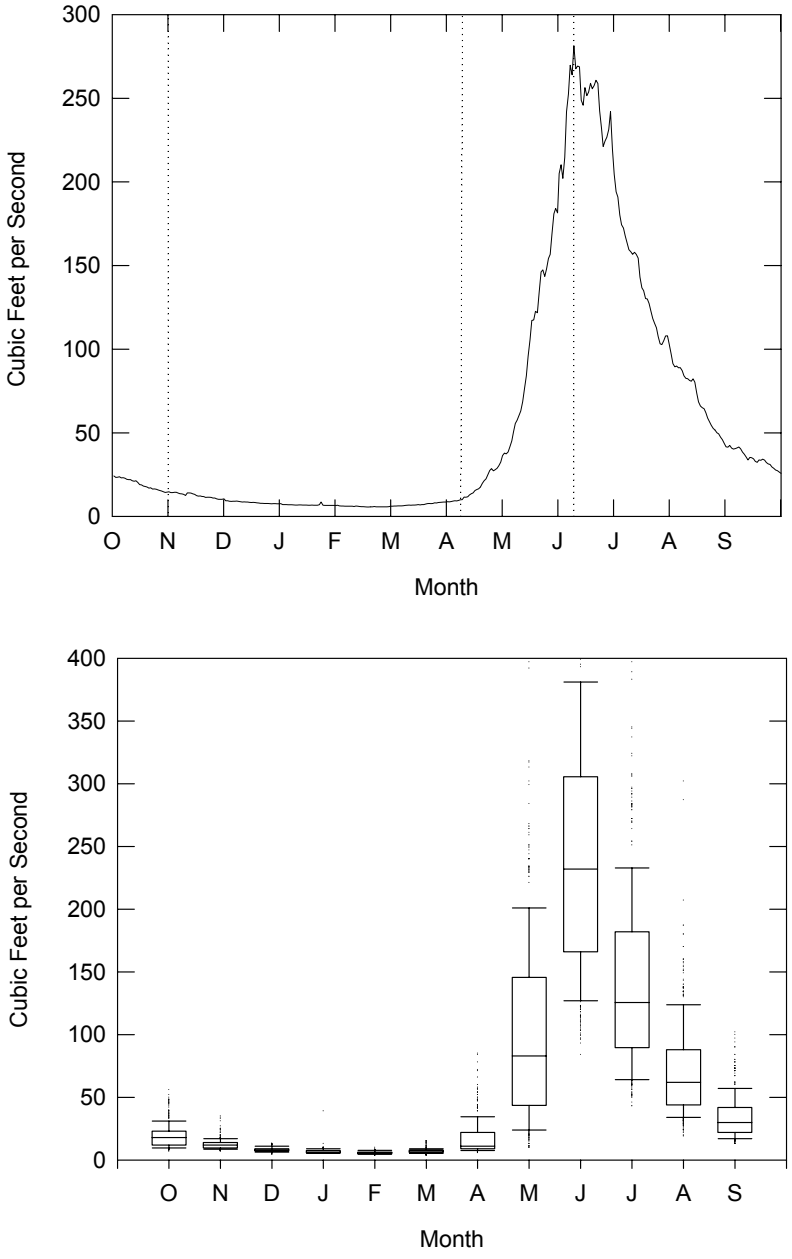
Industrial Facility Discharges, Drinking Water Intakes, Water Gages, and Water Impoundments Within the ROMO Study Area

Water Impoundments

Site ID	Impoundment Name	Owner	Primary Purpose	Type of Dam	Downstream Hazard	Year Completed
CO01656	GRANBY	DOI BR	Irrig.	Earth	Significant	1950
CO01657	GRANBY DIKE NO 3	DOI BR	Irrig.	Earth	Significant	1950
CO01666	SHADOW MOUNTAIN	DOI BR	Irrig.	Earth	Significant	1946
CO00130	COMANCHE	CITY OF GREELEY	Irrig.	Earth	High	1966
CO00138	HOURGLASS	CITY OF GREELEY	Irrig.	Earth	High	1970
CO00140	LONG DRAW	WATER SUPPLY & STORAGE C	Irrig.	Earth	High	1975
CO00150	PETERSON LAKE	CITY OF GREELEY	Supply	Earth	High	1973
CO00170	PEAR	CITY OF LONGMONT	Supply	Rockfill	Low	1916
CO01197	BLUEBIRD	CITY OF LONGMONT	Supply	V. Arch	Significant	1915
CO01204	COPELAND	CITY OF LONGMONT	Supply	Earth	Low	1975
CO01660	MARYS LAKE DIKE NO 1	DOI BR	Irrig.	Earth	Significant	1949
CO01661	MARYS LAKE DIKE NO 2	DOI BR	Irrig.	Earth	Significant	1949
CO01662	OLYMPUS	DOI BR	Irrig.	Earth	Significant	1949
CO01777	SAND BEACH	CITY OF LONGMONT	Supply	Earth	Significant	1906
CO01868	LAWN	FARMERS DITCH AND RESERV	Irrig.	Earth	Significant	1902
CO01907	GLACIER NO 1	USDA FS	Irrig.	Earth	Low	1912
CO01928	GREEN LAKE	TOWN OF MEAD	Irrig.	Rockfill	Low	1908
CO02022	PENNOCK CREEK	CITY OF GREELEY	Irrig.	Earth	Significant	1906

REPRESENTATIVE MEAN ANNUAL HYDROGRAPH FOR SEASONAL ANALYSIS

ROCKY MOUNTAIN NATIONAL PARK
North St. Vrain Creek near Allens Park, CO
06721500, 16 year record



Representative mean annual hydrograph (top) and distribution of daily flows by month (bottom) for hydrologic season determination. Box and whiskers represent a five number summary; bottom whisker cap is 10th percentile, bottom of box is 25th percentile, internal line is median, top of box is 75th percentile, and top whisker is 90th percentile. Hydrologic seasons for Rocky Mountain National Park are: Jun. 10 to Oct. 31, Nov. 1 to Apr. 10, and Apr. 11 to Jun. 9.

CONTACTS FOR AGENCY CODES RETRIEVED FOR ROMO

AGENCY	PRIMARY CONTACT NAME	ORGANIZATION	PHONE NUMBER(S)	
1117S030	STORET USER ASSISTANCE	USEPA HQ	(202)260-7050	(800)424-9067
* DATA FOR 1117S030 HAS BEEN 'RETIRED' AT THE REQUEST OF STORET USER ASSISTANCE (703)883-8861 ON 03/14/86.				
12WLS1	LANDERS, DIXON H.	EPA ENVIRONMENTAL RES LAB	(541)754-4427	
11NPSWRD	TUCKER, DEAN	NATIONAL PARK SERVICE	(970)225-3516	(970)225-3518
112WRD	BRIGGS, JOHN	US GEOLOGICAL SURVEY	(703)648-5624	
21COLSS0	ANDERSON, DENNIS	COLORADO DEPT OF HEALTH	(303)692-3571	
1110NET	STORET USER ASSISTANCE	USEPA HQ	(202)260-7050	(800)424-9067
21COL001	ANDERSON, DENNIS	COLORADO DEPT OF HEALTH	(303)692-3571	
1118EPA8	MCCOMB, MARTY	USEPA REGION 8	(303)312-6963	
11EPALES	LAMBOU, VICTOR W.	USEPA	(702)798-2259	
113FORS2	PFANKUCH, DALE	US FOREST SERVICE	(303)234-5570	

QUANTITY OF DATA RETRIEVED FOR ROMO BY AGENCY CODE

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

Agency	Organization	Period of Record		Water Quality Stations		Longer Term[1] Stations		No Data Stations		Water Quality Observations		Water Quality Parameters	
		Study Area	Park Only	S.A.	Park	S.A.	Park	S.A.	Park	S.A.	Park	S.A.	Park
1117S030	USEPA HQ	08/23/65-11/08/66	08/23/65-09/07/66	14	5	0	0	0	0	1088	250	42	35
12WLS1	EPA ENVIRONMENTAL RES LAB	09/11/85-10/10/85	10/02/85-10/10/85	29	23	0	0	0	0	754	598	26	26
11NPSWRD	NATIONAL PARK SERVICE	04/28/64-11/12/98	06/29/71-11/12/98	454	381	40	39	0	0	69606	67917	96	92
112WRD	US GEOLOGICAL SURVEY	04/21/41-03/17/97	10/15/55-03/17/97	132	97	26	18	0	0	62477	22317	360	309
21COLSS0	COLORADO DEPT OF HEALTH	08/20/90-09/14/90	No Data in Park	8	0	0	0	0	0	729	0	24	0
1110NET	USEPA HQ	09/20/71-09/20/73	No Data in Park	1	0	0	0	0	0	81	0	19	0
21COL001	COLORADO DEPT OF HEALTH	01/01/01-09/09/97	No Data in Park	9	0	1	0	4	0	3192	0	75	0
1118EPA8	USEPA REGION 8	08/31/60-03/16/83	No Data in Park	15	0	0	0	0	0	950	0	25	0
11EPALES	USEPA	09/28/74-10/10/75	09/28/74-08/23/75	15	2	0	0	0	0	1133	78	18	7
113FORS2	US FOREST SERVICE	05/05/76-10/05/79	No Data in Park	7	0	0	0	0	0	567	0	10	0
Totals		01/01/01-11/12/98	10/15/55-11/12/98	684	508	67	57	4	0	140577	91160	466	382

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

Station Period of Record Tabulation
From 01/01/01 To 11/12/98

Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 11/12/98	01/01/75 to 12/31/84	Before 01/01/75
ROMO0001	CONEY LAKE	No	26	26	0	0
ROMO0002	105399/C04068	No	4	0	4	0
ROMO0003	BIG STAPP LAKE	No	122	122	0	0
ROMO0004	LILY LAKE 2	No	41	41	0	0
ROMO0005	STAPP LAKES (LG.NE)	No	26	26	0	0
ROMO0006	ARAPAHO CREEK BELOW MONARCH LAKE, CO.	No	32	28	0	4
ROMO0007	ROARING FORK ABOVE LAKE GRANBY, CO.	No	2	0	0	2
ROMO0008	105398/C04067	No	4	0	4	0
ROMO0009		No	68	0	0	68
ROMO0010	105091/C04003	No	4	0	4	0
ROMO0011	LAKE GRANBY,NE OF GRANBY,ARAPAHOE BAY,NW INSP PT	No	100	100	0	0
ROMO0012	105092/C04004	No	4	0	4	0
ROMO0013	GRANBY LK.300 YDS N. TWIN CR.	No	39	0	0	39
ROMO0014	105090/C04002	No	4	0	4	0
ROMO0015	RED DEER LAKE	No	26	26	0	0
ROMO0016	COLORADO R BELOW LAKE GRANBY	No	81	0	0	81
ROMO0017[1]	COLORADO RIVER BELOW LAKE GRANBY, CO.	No	611	0	114	497
ROMO0018	ISLAND LAKE	No	26	26	0	0
ROMO0019	LAKE GRANBY,NE OF GRANBY,SW OF HARVEY ISLAND	No	61	61	0	0
ROMO0020	LAKE GRANBY, NE OF GRANBY, NE OF SUNSET POINT	No	146	146	0	0
ROMO0021	106058/C04489	No	4	0	4	0
ROMO0022	GRANBY LK. AT CENTER	No	85	0	0	85
ROMO0023	GRANBY LK. 400 YDS S.TWIN PINEPT	No	60	0	0	60
ROMO0024	ROARING FK. NEAR GRANBY	No	113	113	0	0
ROMO0025	(NO NAME)	Yes	26	26	0	0
ROMO0026	LAKE GRANBY,NE OF GRANBY NR TWIN CR CONFL	No	60	60	0	0
ROMO0027	LOWER HUTCHESON LAKE	Yes	2	2	0	0
ROMO0028	LAKE GRANBY,NE OF GRANBY,MIDDLE OF NORTH BASIN	No	76	76	0	0
ROMO0029	105784/C04264	No	4	0	4	0
ROMO0030	UPPER HUTCHESON LAKE	Yes	1	1	0	0
ROMO0031	PEAR LAKE NORTH OF THE INLET AT THE FAR END	Yes	3	3	0	0
ROMO0032	Pear Reservoir	Yes	4	4	0	0
ROMO0033	105783/C04263	No	4	0	4	0
ROMO0034[1]	LAKE GRANBY NEAR GRANBY, CO.	No	11356	10365	803	188
ROMO0035	FINCH LAKE	Yes	26	26	0	0
ROMO0036	GRANBY LK IN RAINBOW BAY	No	44	0	0	44
ROMO0037	GRANBY LK MID.ARAPAHO BAY	No	22	0	0	22
ROMO0038	GRANBY LK.100 YDS OUT FR.STILLCP	No	44	0	0	44
ROMO0039	FINCH LAKE AT THE STAGING ROCK NEAR THE OUTLET	Yes	12	12	0	0
ROMO0040	FINCH LAKE NEAR THE ROCK BY THE TRAIL	Yes	10	10	0	0
ROMO0041	105759/C04251	Yes	4	0	4	0
ROMO0042	106051/C04482	No	4	0	4	0
ROMO0043	106057/C04488	Yes	4	0	4	0
ROMO0044	COLUMBINE CREEK AB LAKE GRANBY, NR GRAND LK, CO.	Yes	2	0	0	2
ROMO0045	STILLWATER CREEK AB LK GRANBY, NR GRAND LK, CO.	No	2	0	0	2
ROMO0046	BLUEBIRD LAKE	Yes	26	26	0	0
ROMO0047	SB00307326DADC SITE C19	No	50	0	50	0
ROMO0048	106055/C04486	No	4	0	4	0
ROMO0049	105763/C04255	No	4	0	4	0
ROMO0050	SB00307326BDDD SITE 081	No	8	0	8	0
ROMO0051	105757/C04249	Yes	4	0	4	0
ROMO0052	105758/C04250	Yes	4	0	4	0
ROMO0053	106054/C04485	No	4	0	4	0
ROMO0054	OUZEL LAKE NEAR THE END OF THE TRAIL	Yes	3	3	0	0
ROMO0055	CHICKADEE LAKE NEAR THE SOUTHWEST CORNER	Yes	1	1	0	0
ROMO0056	SB00307323DDBD SITE 084	No	8	0	8	0
ROMO0057	105762/C04254	No	4	0	4	0
ROMO0058	106056/C04487	Yes	4	0	4	0
ROMO0059	COLORADO RIVER BL SHADOW MOUNTAIN RESERVOIR, CO.	No	114	0	0	114
ROMO0060[1]	GRANBY PUMP CANAL NR GRAND LAKE, CO.	No	3419	2239	853	327
ROMO0061	COLORADO RIVER	No	61	0	44	17
ROMO0062	GRANBY PUMP CANAL	No	67	0	50	17
ROMO0063[1]	SHADOW MOUNTAIN LAKE NEAR GRAND LAKE, CO.	No	6559	6373	35	151
ROMO0064	SHADOW MOUNTAIN LAKE	No	110	0	110	0
ROMO0065	105755/C04247	Yes	4	0	4	0
ROMO0066	TWIN LAKES (UPPER) N SHORE NEAR OUTLET	Yes	1	1	0	0
ROMO0067	TWIN LAKES (LOWER LK.) W OF SWIM. ROCK	Yes	1	1	0	0
ROMO0068	SB00307319CACDU SITE C11	Yes	43	0	43	0
ROMO0069	East Inlet Fifth Lake Inlet	Yes	10	0	10	0
ROMO0070	BOX LAKE	Yes	26	26	0	0
ROMO0071	FIFTH LAKE	Yes	26	26	0	0

Station Period of Record Tabulation
From 01/01/01 To 11/12/98

Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 11/12/98	01/01/75 to 12/31/84	Before 01/01/75
ROMO0072	106052/C04483	No	4	0	4	0
ROMO0073	SB00307324BCAB SITE 069	No	6	0	6	0
ROMO0074	East Inlet Fifth Lake Outlet	Yes	10	0	10	0
ROMO0075	SHADOW MOUNTAIN LAKE	No	84	0	84	0
ROMO0076	SANDBEACH LAKE	Yes	82	82	0	0
ROMO0077	105761/C04253	No	4	0	4	0
ROMO0078	HUNTERS CREEK	Yes	2	2	0	0
ROMO0079	105756/C04248	Yes	4	0	4	0
ROMO0080	105760/C04252	Yes	4	0	4	0
ROMO0081	N ST VRAIN CR AT HWY 7 NR MEEKER PARK COLO	No	44	0	44	0
ROMO0082	COPELAND LAKE	Yes	289	289	0	0
ROMO0083	SANDBEACH LAKE ALONG THE WEST SHORE	Yes	3	3	0	0
ROMO0084		No	71	0	0	71
ROMO0085	NORTH ST. VRAIN CREEK BELOW THUNDER LAKE	Yes	45	45	0	0
ROMO0086[1]	N. St. Vrain Creek Gage	No	655	655	0	0
ROMO0087	NORTH ST. VRAIN CREEK NEAR ALLENS PARK, CO.	No	567	567	0	0
ROMO0088	SANDBEACH LAKE	Yes	26	26	0	0
ROMO0089[1]	COLORADO RIVER NEAR GRAND LAKE, CO.	No	599	50	231	318
ROMO0090	COLORADO RIVER	No	66	0	49	17
ROMO0091	East Inlet Trib. between Spirit and Verna Lakes	Yes	10	0	10	0
ROMO0092	N. ST. VRAIN CREEK NEAR ROCKY MTN HYDRAULIC LAB	No	60	60	0	0
ROMO0093	East Inlet Fourth Lake Inlet	Yes	10	0	10	0
ROMO0094	FOURTH LAKE INLET	Yes	2	2	0	0
ROMO0095	FOURTH LAKE	Yes	26	26	0	0
ROMO0096	East Inlet Fourth Lake Outlet	Yes	10	0	10	0
ROMO0097	THUNDER LAKE	Yes	2	2	0	0
ROMO0098	106059/C04490	No	4	0	4	0
ROMO0099	East Inlet Spirit Lake East Inlet	Yes	10	0	10	0
ROMO0100	SPIRIT LAKE INLET	Yes	2	2	0	0
ROMO0101	LAKE VERNA INLET	Yes	2	2	0	0
ROMO0102	East Inlet Lake Verna Inlet	Yes	9	0	9	0
ROMO0103	Spirit Lake North Inlet	Yes	10	0	10	0
ROMO0104	East Inlet Tributary below Lone Pine Lake	Yes	20	0	20	0
ROMO0105	LAKE VERNA AT ROCKY POINT NEAR OUTLET	Yes	1	1	0	0
ROMO0106	East Inlet blw Confl. with 3 Tribs. at 2798 m.	Yes	10	0	10	0
ROMO0107	LAKE VERNA	Yes	26	26	0	0
ROMO0108	105335/C04055	No	4	0	4	0
ROMO0109	East Inlet below Lone Pine Lake at 2890 m.	Yes	10	0	10	0
ROMO0110		No	27	0	0	27
ROMO0111	STILLWATER CREEK #25	No	60	0	60	0
ROMO0112	East Inlet Lake Verna Outlet	Yes	10	0	10	0
ROMO0113	East Inlet Tributary from Mt. Cairns	Yes	10	0	10	0
ROMO0114	SHADOW MTN LK 50 YDS FR. E.SHORE	No	34	0	0	34
ROMO0115	SHADOW MTN.LK. AT CENTER	No	57	0	0	57
ROMO0116	SHADOW MTN.LK.AT NPS DOCK	No	36	0	0	36
ROMO0117	SHADOW MTN.LK.BET.LK.KOVE&MARINA	No	44	0	0	44
ROMO0118	CASTLE LAKE NORTH OF THE OUTLET	Yes	1	1	0	0
ROMO0119	East Inlet between Verna and Lone Pine Lakes	Yes	10	0	10	0
ROMO0120	East Inlet Lone Pine Lake Outlet	Yes	10	0	10	0
ROMO0121	105854/C04334	No	4	0	4	0
ROMO0122	East Inlet Lone Pine Lake Inlet	Yes	10	0	10	0
ROMO0123	LONE PINE LAKE INLET	Yes	4	4	0	0
ROMO0124	LION LAKE NO. 1 ALONG THE EAST SIDE	Yes	1	1	0	0
ROMO0125	LONE PINE LAKE BTW INLET & OUTLET	Yes	1	1	0	0
ROMO0126	NORTH ST. VRAIN CRK NEAR MT. ALICE	Yes	4747	4747	0	0
ROMO0127	N. ST. VRAIN CREEK NEAR MT. ALICE	Yes	30	30	0	0
ROMO0128	ECHO CREEK	No	41	0	29	12
ROMO0129	106065/C04496	Yes	4	0	4	0
ROMO0130	UPPER MEADOWS EAST INLET	Yes	28	0	0	28
ROMO0131	GRAND LAKE,NR TOWN OF GRAND LK,SE END OF LAKE	No	91	91	0	0
ROMO0132	GRAND LAKE	No	212	0	212	0
ROMO0133	GRAND LAKE, NR TOWN OF GRAND LK,SW PART OF LAKE	No	106	106	0	0
ROMO0134	GRAND LAKE 100 YDS E. OF W. PORT	No	139	0	0	139
ROMO0135	KEPLINGER LAKE	Yes	26	26	0	0
ROMO0136	GRAND LAKE	No	162	0	162	0
ROMO0137	GRAND LAKE	No	367	367	0	0
ROMO0138	GRAND LAKE AT GRAND LAKE, CO.	No	214	0	35	179
ROMO0139	GR1	No	0	0	0	0
ROMO0140	GR1	No	0	0	0	0
ROMO0141	GR1	No	60	60	0	0
ROMO0142	WEST OF ROCKY MOUNTAIN NATIONAL PARK	No	60	60	0	0

Station Period of Record Tabulation
From 01/01/01 To 11/12/98

Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 11/12/98	01/01/75 to 12/31/84	Before 01/01/75
ROMO0143	SHADOW MOUNTAIN LAKE	No	58	0	58	0
ROMO0144	OUTLET OF GRAND LAKE	No	57	0	40	17
ROMO0145	SHADOW MTN LAKE INLET	No	44	0	39	5
ROMO0146	SHADOW MTN.LK.AT ENT. GR. LK.	No	81	0	0	81
ROMO0147	GRAND LAKE 50 YDS FR.SLIDEHOUSE	No	115	0	0	115
ROMO0148	GRAND LAKE BET. MARINAS AT BEACH	No	130	0	0	130
ROMO0149	105787/C04267	No	4	0	4	0
ROMO0150	SB00307204CCBC SITE 074	No	8	0	8	0
ROMO0151	GRAND LAKE, NR TOWN OF GRAND LAKE, NW SECTION	No	89	89	0	0
ROMO0152		Yes	24	0	0	24
ROMO0153	GRAND LAKE	No	0	0	0	0
ROMO0154	GRAND LAKE	No	0	0	0	0
ROMO0155	SB00307301DBBC SITE 064	No	6	0	6	0
ROMO0156	NORTH INLET	No	46	0	29	17
ROMO0157	LITTLE COLUMBINE CREEK	No	47	0	35	12
ROMO0158	106066/C04497	No	4	0	4	0
ROMO0159	LAKE POWELL	Yes	26	26	0	0
ROMO0160	GLACIER CREEK ABOVE BIVOUAC AT GREEN LAKE	Yes	13	0	13	0
ROMO0161	105785/C04265	No	4	0	4	0
ROMO0162	105786/C04266	No	4	0	4	0
ROMO0163	LAKE NANITA	Yes	26	26	0	0
ROMO0164	Frozen Lake Inlet	Yes	14	0	14	0
ROMO0165	105336/C04056	Yes	4	0	4	0
ROMO0166	106067/C04498	Yes	4	0	4	0
ROMO0167	CHASM LAKE INLET	Yes	18	0	18	0
ROMO0168	NORTH INLET AT SUMMERLAND PARK	Yes	48	0	0	48
ROMO0169	CHASM LAKE OUTLET	Yes	9	0	9	0
ROMO0170	Glacier Creek Frozen Lake Outlet	Yes	15	0	15	0
ROMO0171	CHASM LAKE	Yes	752	752	0	0
ROMO0172	NORTH INLET AT SUMMERLAND PARK	Yes	2	2	0	0
ROMO0173	Columbine Lake	No	80	80	0	0
ROMO0174	Boulder Brook Main Stem First Surfacing	Yes	32	32	0	0
ROMO0175	Boulder Brook Main Stem Headwater 1	Yes	9	9	0	0
ROMO0176	SOUTH SUPPLY CREEK #26	No	64	0	64	0
ROMO0177	Boulder Brook Main Stem Headwater 2	Yes	9	9	0	0
ROMO0178	Boulder Brook Camping Area at Boulder Field	Yes	12	12	0	0
ROMO0179	Boulder Brook Main Stem Headwater 3	Yes	32	32	0	0
ROMO0180	POND IN SUMMERLAND PARK	Yes	50	0	0	50
ROMO0181	GLACIER CREEK BELOW BIVOUAC AT GREEN LAKE	Yes	13	0	13	0
ROMO0182	Glacier Creek Black Lake South Inlet	Yes	13	0	13	0
ROMO0183	Black Lake East Inlet	Yes	15	0	15	0
ROMO0184	GLACIER CREEK ABOVE BLACK LAKE	Yes	9	0	9	0
ROMO0185	BLACK LAKE	Yes	26	26	0	0
ROMO0186	Glacier Creek Black Lake Outlet	Yes	15	0	15	0
ROMO0187	GLACIER CREEK BELOW BLACK LAKE	Yes	9	0	9	0
ROMO0188	106064/C04495	No	4	0	4	0
ROMO0189	Boulder Br. Main Stem @ Trail Xing in Bldr Field	Yes	9	9	0	0
ROMO0190	Boulder Brook Seep @ Trail Xing in Boulder Field	Yes	9	9	0	0
ROMO0191	HARBISON DITCH NEAR GRAND LAKE, COLO.	Yes	1	0	0	1
ROMO0192	TONAHUTU CREEK NEAR GRAND LAKE, COLO.	Yes	1	0	0	1
ROMO0193	TONAHUTU CRK AT HARBISON DITCH	Yes	48	0	0	48
ROMO0194	ALPINE BROOK THROUGH LOWER CHASM MEADOW	Yes	18	0	18	0
ROMO0195	Shelf Creek Solitude Lake Inlet	Yes	15	0	15	0
ROMO0196	Solitude Lake Surface	Yes	15	0	15	0
ROMO0197	NORTH INLET ABOVE CASCADE FALLS	Yes	1	1	0	0
ROMO0198	Shelf Creek Solitude Lake Outlet	Yes	15	0	15	0
ROMO0199	BOULDER BROOK AT 12300 FT.	Yes	4	0	4	0
ROMO0200	Glacier Creek below Shelf Creek Confluence	Yes	15	0	15	0
ROMO0201	106062/C04493	No	4	0	4	0
ROMO0202	Boulder Brook Main Stem Switchback 1	Yes	21	21	0	0
ROMO0203	Shelf Creek Shelf Lake Outlet	Yes	15	0	15	0
ROMO0204	106061/C04492	No	4	0	4	0
ROMO0205	Shelf Lake Surface	Yes	15	0	15	0
ROMO0206	LVSYN14	Yes	20	20	0	0
ROMO0207	LVSYN10	Yes	15	15	0	0
ROMO0208	LVSYN13	Yes	20	20	0	0
ROMO0209	LVSYN11	Yes	20	20	0	0
ROMO0210	LVSYN9	Yes	20	20	0	0
ROMO0211	LVSYN8	Yes	21	21	0	0
ROMO0212	LVSYN12	Yes	20	20	0	0
ROMO0213	105851/C04331	No	4	0	4	0

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ROMO0214	COLORADO RIVER BELOW SUN VALLEY BRIDGE	Yes	1	1	0	0
ROMO0215	N. FORK COLO. R. AT WRCG	No	49	0	0	49
ROMO0216	ICY BROOK ABOVE SKY POND	Yes	33	0	33	0
ROMO0217	Icy Brook Sky Pond Inlet	Yes	15	0	15	0
ROMO0218[1]	SOUTHERN INLET TO SKY POND	Yes	1225	1041	184	0
ROMO0219[1]	NORTHERN INLET TO SKY POND	Yes	357	357	0	0
ROMO0220	106060/C04491	No	4	0	4	0
ROMO0221[1]	MIDDLE OF SKY POND AT MID-DEPTH	Yes	818	364	454	0
ROMO0222[1]	MIDDLE OF SKY POND AT THE BOTTOM	Yes	1492	972	520	0
ROMO0223[1]	MIDDLE OF SKY POND AT THE SURFACE	Yes	1641	1108	533	0
ROMO0224	Sky Pond at the Surface	Yes	12	0	12	0
ROMO0225	LVSYN15	Yes	20	20	0	0
ROMO0226[1]	SKY POND HYPOLIMNION - LOCH VALE	Yes	624	464	160	0
ROMO0227[1]	SKY POND INLET - LOCH VALE	Yes	547	506	41	0
ROMO0228[1]	SKY POND METALIMNION - LOCH VALE	Yes	397	274	123	0
ROMO0229[1]	SKY POND OUTLET - LOCH VALE	Yes	597	496	101	0
ROMO0230[1]	SKY POND SURFACE - LOCH VALE	Yes	675	496	179	0
ROMO0231	LVSYN6	Yes	20	20	0	0
ROMO0232	105852/C04332	No	4	0	4	0
ROMO0233	ICY BROOK BELOW SKY POND	Yes	16	0	16	0
ROMO0234[1]	OUTLET STREAM FROM SKY POND	Yes	1545	1190	355	0
ROMO0235	Icy Brook Sky Pond Outlet	Yes	15	0	15	0
ROMO0236	GLACIER CREEK ABOVE GLACIER GORGE CAMPGROUND	Yes	14	0	14	0
ROMO0237	LVSYN5	Yes	20	20	0	0
ROMO0238	GLACIER CREEK BELOW GLACIER GORGE CAMPGROUND	Yes	14	0	14	0
ROMO0239	Icy Brook Glass Lake Inlet	Yes	15	0	15	0
ROMO0240[1]	INLET STREAM TO GLASS LAKE	Yes	291	0	291	0
ROMO0241	105853/C04333	No	4	0	4	0
ROMO0242	LVSYN1	Yes	20	20	0	0
ROMO0243[1]	MIDDLE OF GLASS LAKE AT BOTTOM	Yes	980	543	437	0
ROMO0244	MIDDLE OF GLASS LAKE AT MID-DEPTH	Yes	367	0	367	0
ROMO0245[1]	MIDDLE OF GLASS LAKE AT THE SURFACE	Yes	1218	698	520	0
ROMO0246	Boulder Brook Spring @ 11600 ft.	Yes	45	45	0	0
ROMO0247	GLASS LAKE	Yes	2	2	0	0
ROMO0248	105422/C04091	No	4	0	4	0
ROMO0249	POTHOLE1N	Yes	81	81	0	0
ROMO0250	NANO1IN	Yes	138	138	0	0
ROMO0251[1]	GLASS LAKE HYPOLIMNION - LOCH VALE	Yes	402	291	111	0
ROMO0252	GLASS LAKE INLET - LOCH VALE	Yes	63	0	63	0
ROMO0253	GLASS LAKE METALIMNION - LOCH VALE	Yes	60	0	60	0
ROMO0254[1]	GLASS LAKE OUTLET - LOCH VALE	Yes	456	373	83	0
ROMO0255[1]	GLASS LAKE SURFACE - LOCH VALE	Yes	523	406	117	0
ROMO0256[1]	OUTLET STREAM FROM GLASS LAKE	Yes	1419	1049	370	0
ROMO0257	Icy Brook Glass Lake Outlet	Yes	14	0	14	0
ROMO0258	LVSYN2	Yes	20	20	0	0
ROMO0259	NANO 6N	Yes	6	6	0	0
ROMO0260	NANO1OUT	Yes	247	247	0	0
ROMO0261	BOULDER BROOK AT 11000 FT.	Yes	54	0	54	0
ROMO0262	LVSYN21	Yes	20	20	0	0
ROMO0263	Boulder Brook Spring @ 11500 ft.	Yes	56	56	0	0
ROMO0264	LVSYN22	Yes	20	20	0	0
ROMO0265	LVSYN23	Yes	20	20	0	0
ROMO0266	LVSYN31	Yes	20	20	0	0
ROMO0267	Glacier Creek above Jewel Lake	Yes	15	0	15	0
ROMO0268[1]	ICY BROOK	Yes	5038	5038	0	0
ROMO0269	ICY BROOK-LOCH VALE-RMNP	Yes	551	551	0	0
ROMO0270	LVSYN30	Yes	20	20	0	0
ROMO0271	LVSYN17	Yes	20	20	0	0
ROMO0272	LVSYN18	Yes	20	20	0	0
ROMO0273	JEWELL LAKE	Yes	2	2	0	0
ROMO0274	LVSYN24	Yes	20	20	0	0
ROMO0275	LVSYN19	Yes	20	20	0	0
ROMO0276	ICY BROOK--DOWNSTREAM SAMPLE SITE	Yes	46	46	0	0
ROMO0277	ICY BROOK--DOWNSTREAM SAMPLING SITE	Yes	8	8	0	0
ROMO0278	LVSYN25	Yes	20	20	0	0
ROMO0279	Glacier Creek Jewel Lake Outlet	Yes	15	0	15	0
ROMO0280	EMBRYO LAKE (NORTHWEST CORNER)	Yes	1	1	0	0
ROMO0281	Boulder Brook East Main Stem	Yes	20	20	0	0
ROMO0282	Boulder Brook East Minor Stem	Yes	80	80	0	0
ROMO0283	LVSYN26	Yes	20	20	0	0
ROMO0284	ICY BROOK ABOVE CONFLUENCE WITH ANDREWS CREEK	Yes	16	16	0	0

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ROMO0285	BELOW ANDREWS CREEK CAMPGROUND	Yes	17	0	17	0
ROMO0286[1]	ANDREWS CREEK AT TRAIL CROSSING ABOVE ICY BROOK	Yes	1256	984	272	0
ROMO0287	INLET STREAM TO ANDREWS TARN	Yes	90	0	90	0
ROMO0288	Andrews Creek Inlet to Andrews Tarn	Yes	15	0	15	0
ROMO0289	andrews tarn outlet	Yes	45	45	0	0
ROMO0290	Andrews Tarn at the Lake Surface	Yes	13	0	13	0
ROMO0291	OUTLET STREAM FROM ANDREWS TARN	Yes	115	115	0	0
ROMO0292	Andrews Creek Outlet to Andrews Tarn	Yes	14	0	14	0
ROMO0293	Boulder Brook West Main Stem	Yes	56	56	0	0
ROMO0294	MILLS LAKE	Yes	26	26	0	0
ROMO0295	Mills Lake Surface	Yes	15	0	15	0
ROMO0296	Andrews Creek below Confluence with The Gash	Yes	15	0	15	0
ROMO0297	MILLS LAKE NEAR THE ROCKY PROMONTORY	Yes	4	4	0	0
ROMO0298	Andrews Creek above Confluence with Icy Brook	Yes	30	0	30	0
ROMO0299	ICY BROOK--UPSTREAM SAMPLE SITE	Yes	46	46	0	0
ROMO0300	ICY BROOK--UPSTREAM SAMPLING SITE	Yes	8	8	0	0
ROMO0301[1]	ANDREWS CREEK - LOCH VALE	Yes	567	449	118	0
ROMO0302[1]	ANDREWS CREEK	Yes	6143	6143	0	0
ROMO0303	ANDREWS CREEK-LOCH VALE-RMNP	Yes	692	692	0	0
ROMO0304	ABOVE ANDREWS CREEK CAMPGROUND	Yes	26	0	26	0
ROMO0305	Boulder Brook Spring @ 10400 ft.	Yes	56	56	0	0
ROMO0306	BENCH LAKE	Yes	2	2	0	0
ROMO0307	Icy Brook Inlet to The Loch	Yes	15	0	15	0
ROMO0308[1]	INLET STREAM TO THE LOCH	Yes	2563	1165	1398	0
ROMO0309	MILLS LAKE	Yes	41	41	0	0
ROMO0310	Glacier Creek Mills Lake Outlet	Yes	15	0	15	0
ROMO0311	The Loch at the Surface	Yes	15	0	15	0
ROMO0312	THE LOCH NEAR THE ROCKY POINT ALONG NORTH SHORE	Yes	1	1	0	0
ROMO0313[1]	MIDDLE OF THE LOCH AT MID-DEPTH	Yes	927	372	555	0
ROMO0314[1]	MIDDLE OF THE LOCH AT THE BOTTOM	Yes	1782	1211	571	0
ROMO0315[1]	MIDDLE OF THE LOCH AT THE SURFACE	Yes	2140	1407	733	0
ROMO0316	INLET STREAM TO LITTLE LOCH CREEK	Yes	75	0	75	0
ROMO0317[1]	THE LOCH HYPOLIMNION - LOCH VALE	Yes	802	619	183	0
ROMO0318[1]	THE LOCH INLET - LOCH VALE	Yes	770	539	231	0
ROMO0319[1]	THE LOCH METALIMNION - LOCH VALE	Yes	472	309	163	0
ROMO0320[1]	THE LOCH OUTLET - LOCH VALE	Yes	4628	4249	379	0
ROMO0321[1]	THE LOCH SURFACE - LOCH VALE	Yes	995	766	229	0
ROMO0322	THE LOCH	Yes	26	26	0	0
ROMO0323	THE LOCH	Yes	76	76	0	0
ROMO0324	The Loch at the Outlet	Yes	50	50	0	0
ROMO0325[1]	OUTLET STREAM FROM THE LOCH	Yes	11903	10609	1294	0
ROMO0326	Icy Brook Outlet from The Loch	Yes	15	0	15	0
ROMO0327[1]	LITTLE LOCH CREEK - LOCH VALE	Yes	441	334	107	0
ROMO0328[1]	LITTLE LOCH CREEK AT THE INLET TO THE LOCH	Yes	1097	827	270	0
ROMO0329	106063/C04494	Yes	4	0	4	0
ROMO0330	BOULDER BROOK AT 10100 FT.	Yes	50	0	50	0
ROMO0331	Icy Brook above Confluence with Glacier Creek	Yes	15	0	15	0
ROMO0332	Glacier Creek below Icy Brook Confluence	Yes	15	0	15	0
ROMO0333	Glacier Cr. between Icy Br. and Chaos Cr. Confl.	Yes	15	0	15	0
ROMO0334[1]	OUTLET STREAM FROM LAKE HAIYAHA	Yes	380	194	186	0
ROMO0335	MIDDLE OF LAKE HAIYAHA AT MID-DEPTH	Yes	45	0	45	0
ROMO0336	MIDDLE OF LAKE HAIYAHA AT THE BOTTOM	Yes	109	64	45	0
ROMO0337[1]	MIDDLE OF LAKE HAIYAHA AT THE SURFACE	Yes	250	64	186	0
ROMO0338	LAKE HAIYAHA	Yes	26	26	0	0
ROMO0339	Boulder Brook Main Stem at 2926m	Yes	68	68	0	0
ROMO0340	BOULDER BROOK AT 9600 FT.	Yes	49	0	49	0
ROMO0341	HAIYAHA O	Yes	74	74	0	0
ROMO0342	HAIYAHA H	Yes	26	26	0	0
ROMO0343	HAIYAHA S	Yes	40	40	0	0
ROMO0344	SNOWDRIFT LAKE	Yes	26	26	0	0
ROMO0345	UNNAMED CREEK	Yes	37	0	30	7
ROMO0346	LILY LAKE EAST	Yes	3	3	0	0
ROMO0347	LILY LAKE	Yes	39	39	0	0
ROMO0348	LILY LAKE AT ROCK NEAR OUTLET	Yes	1	1	0	0
ROMO0349	Tyndall Creek below Confluence with Chaos Creek	Yes	26	0	26	0
ROMO0350	LILY LAKE WEST	Yes	11	11	0	0
ROMO0351	POND IN BIG MEADOWS	Yes	25	0	0	25
ROMO0352	Tyndall Creek Dream Lake Inlet	Yes	15	0	15	0
ROMO0353[1]	INLET STREAM TO EMERALD LAKE	Yes	332	143	189	0
ROMO0354	Tyndall Creek Emerald Lake Inlet	Yes	28	0	28	0
ROMO0355	105411/C04080	Yes	4	0	4	0

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ROMO0356	DREAM LAKE NEAR OUTLET	Yes	1	1	0	0
ROMO0357	Tyndall Creek Emerald Lake Outlet	Yes	15	0	15	0
ROMO0358[1]	OUTLET STREAM FROM EMERALD LAKE	Yes	315	154	161	0
ROMO0359	Tyndall Creek Dream Lake Outlet	Yes	15	0	15	0
ROMO0360	MIDDLE OF EMERALD LAKE AT MID-DEPTH	Yes	43	0	43	0
ROMO0361	MIDDLE OF EMERALD LAKE AT THE BOTTOM	Yes	166	122	44	0
ROMO0362[1]	MIDDLE OF EMERALD LAKE AT THE SURFACE	Yes	399	162	237	0
ROMO0363[1]	DREAM LAKE	Yes	961	961	0	0
ROMO0364	Glacier Creek below Confluence with Chaos Creek	Yes	12	0	12	0
ROMO0365	TONAHUTU CREEK-SOUTH	Yes	390	390	0	0
ROMO0366	NYMPH LAKE NEAR THE LONGS PEAK VIEWPOD	Yes	1	1	0	0
ROMO0367	105788/C04268	No	4	0	4	0
ROMO0368	TONAHUTU CREEK-BEAVER POND	Yes	120	120	0	0
ROMO0369	EMERALD H	Yes	62	62	0	0
ROMO0370	EMERALD I	Yes	65	65	0	0
ROMO0371	EMERALD O	Yes	40	40	0	0
ROMO0372	EMERALD S	Yes	73	73	0	0
ROMO0373	BEAR LAKE	Yes	494	494	0	0
ROMO0374	(NO NAME)	Yes	26	26	0	0
ROMO0375	BEAR LAKE (SOUTH END)	Yes	1	1	0	0
ROMO0376	TONAHUTU CREEK--UPSTREAM SAMPLE SITE	Yes	54	54	0	0
ROMO0377	TONAHUTU CREEK--UPSTREAM SAMPLING SITE	Yes	8	8	0	0
ROMO0378	BOULDER BROOK AT 9000 FT..	Yes	53	0	53	0
ROMO0379	TONAHUTU CREEK-NORTH	Yes	360	360	0	0
ROMO0380	UPPER POND BELOW NOTCH MTN--FERN CREEK	Yes	45	0	45	0
ROMO0381[1]	Boulder Brook Gage	Yes	3296	3296	0	0
ROMO0382	Fern Creek Tarn Outlet	Yes	45	45	0	0
ROMO0383	105410/C04079	Yes	4	0	4	0
ROMO0384	BOULDER BROOK NEAR ESTES PARK, CO.	Yes	54	0	0	54
ROMO0385	LOWER POND BELOW NOTCH MTN--FERN CREEK	Yes	45	0	45	0
ROMO0386	Fern Creek First Pond below Tarn	Yes	9	9	0	0
ROMO0387	UNNAMED NORTHERN TRIBUTARY	Yes	238	238	0	0
ROMO0388	ONAHU CREEK	Yes	41	0	29	12
ROMO0389	106068/C04499	Yes	4	0	4	0
ROMO0390	LAKE HELENE (EAST SIDE)	Yes	1	1	0	0
ROMO0391	GLACIER CREEK LIVERY	Yes	15	0	0	15
ROMO0392	Fern Creek Lake Helene Outlet	Yes	9	9	0	0
ROMO0393	BOULDER BROOK UPSTREAM OF THE CORRAL	Yes	15	0	0	15
ROMO0394	Fern Creek Spring below Lake Helene	Yes	9	9	0	0
ROMO0395	TONAHUTU CREEK--DOWNSTREAM SAMPLE SITE	Yes	46	46	0	0
ROMO0396	TONAHUTU CREEK--DOWNSTREAM SITE	Yes	8	8	0	0
ROMO0397	Fern Creek above Grace Falls	Yes	9	9	0	0
ROMO0398	SPRAGUE LAKE AT ROCK NEAR BOARDWALK	Yes	1	1	0	0
ROMO0399	TWO RIVER LAKE (SOUTHEAST CORNER)	Yes	1	1	0	0
ROMO0400	MARIGOLD LAKE ALONG THE SOUTHEAST SHORE	Yes	1	1	0	0
ROMO0401	ONAHU CREEK NEAR GRAND LAKE, COLO.	Yes	2	0	0	2
ROMO0402	BOULDER BROOK INSIDE THE CORRAL	Yes	17	0	0	17
ROMO0403	106069/C04500	Yes	4	0	4	0
ROMO0404[1]	COLORADO R BELOW BAKER GULCH, NR GRAND LAKE, CO.	Yes	2068	1794	222	52
ROMO0405	BIERSTADT LAKE	Yes	11	11	0	0
ROMO0406	BIERSTADT LAKE S. OF OUTLET AT E. END	Yes	1	1	0	0
ROMO0407	BIERSTADT LAKE	Yes	43	43	0	0
ROMO0408	BIERSTADT POND	Yes	11	11	0	0
ROMO0409	105789/C04269	No	4	0	4	0
ROMO0410[1]	ALVA B ADAMS TUN AT E PORTAL, NR ESTES PARK, CO.	No	6631	3072	3133	426
ROMO0411	Fern Creek Seep 1 above Odessa Lake	Yes	9	9	0	0
ROMO0412	106070/C04501	Yes	4	0	4	0
ROMO0413	Fern Creek Odessa Lake South Inlet	Yes	9	9	0	0
ROMO0414	LAKE ODESSA (NORTH END)	Yes	3	3	0	0
ROMO0415	Fern Creek Odessa Lake West Inlet	Yes	9	9	0	0
ROMO0416	Fern Creek Odessa Lake Outlet	Yes	33	33	0	0
ROMO0417	105727/C04223	No	4	0	4	0
ROMO0418	CHICKAREE LAKE AT THE SOUTHEAST CORNER	Yes	1	1	0	0
ROMO0419	Fern Creek Spring 2 above Fern Lake	Yes	21	21	0	0
ROMO0420	Fern Creek Spring 3 above Fern Lake	Yes	21	21	0	0
ROMO0421	105790/C04270	No	4	0	4	0
ROMO0422	GLACIER CREEK DOWNSTREAM OF BOULDER BROOK	Yes	17	0	0	17
ROMO0423	FERN LAKE BELOW THE CABIN	Yes	3	3	0	0
ROMO0424	Fern Creek Spring 1 above Fern Lake	Yes	68	68	0	0
ROMO0425	105301/C04032	No	4	0	4	0
ROMO0426	Fern Creek Fern Lake Outlet	Yes	44	44	0	0

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ROMO0427	MILL CREEK IN HALLOWELL PARK	Yes	12	12	0	0
ROMO0428	105794/C04274	Yes	4	0	4	0
ROMO0429	SPRUCE LAKE ALONG THE NORTHWEST SHORE	Yes	3	3	0	0
ROMO0430[1]	MARYS LAKE	No	145	145	0	0
ROMO0431	LAKE IRENE AT THE EAST END	Yes	1	1	0	0
ROMO0432	GLACIER CREEK NEAR ESTES PARK, CO.	No	48	0	0	48
ROMO0433	YMCA CAMP STP OUTFALL	No	38	0	0	38
ROMO0434	CUB LAKE AT THE FLAT ROCK ALONG THE NORTH SHORE	Yes	1	1	0	0
ROMO0435	HAYNACH LAKES (NW)	Yes	26	26	0	0
ROMO0436	Glacier Creek above Big Thompson R. Confluence	Yes	261	261	0	0
ROMO0437	Big Thompson River at The Pool below Fern Creek	Yes	539	539	0	0
ROMO0438[1]	Fern Creek Gage	Yes	1093	1093	0	0
ROMO0439	BIG THOMPSON RIVER BELOW MORAINE PARK	No	54	0	54	0
ROMO0440[1]	Spruce Creek Gage	Yes	2454	2454	0	0
ROMO0441	LONG MEADOWS	Yes	49	0	0	49
ROMO0442	BIG THOMPSON SITE 1	Yes	76	0	76	0
ROMO0443	BIG THOMPSON SITE 4	Yes	76	0	76	0
ROMO0444	Big Thompson R. in Forest Canyon above Spruce Cr	Yes	286	286	0	0
ROMO0445	BIG THOMPSON RIVER ABOVE SPRUCE CREEK	Yes	23	0	23	0
ROMO0446	BIG THOMPSON RIVER NEAR MAILBOX JUNCTION	Yes	1	1	0	0
ROMO0447	BIG THOMPSON BL MORAIN PARK NR ESTES PARK, CO	Yes	622	622	0	0
ROMO0448	Big Thompson R. in Moraine Park at Old NPS Gage	Yes	536	536	0	0
ROMO0449	105793/C04273	Yes	4	0	4	0
ROMO0450	BIG THOMPSON RIVER ABOVE MORAINE PARK	Yes	26	0	26	0
ROMO0451	BIG THOMPSON AB MORAINE PARK NR ESTES PARK, CO	Yes	86	86	0	0
ROMO0452	105421/C04090	Yes	4	0	4	0
ROMO0453	105420/C04089	Yes	4	0	4	0
ROMO0454	106071/C04502	Yes	4	0	4	0
ROMO0455	BIG THOMPSON SITE 3	Yes	76	0	76	0
ROMO0456	BIG THOMPSON RIVER OPP. CAMPGROUND TR.	Yes	1	1	0	0
ROMO0457	106072/C04503	Yes	4	0	4	0
ROMO0458	105791/C04271	No	4	0	4	0
ROMO0459	YCC CAMP-BAKER GULCH	Yes	23	0	0	23
ROMO0460	BAKER GULCH IN ROCKY MTN. NATIONAL PARK	No	90	90	0	0
ROMO0461	NPS HOUSING AREA STP OUTFALL	Yes	45	0	0	45
ROMO0462	105408/C04077	Yes	4	0	4	0
ROMO0463	JOE WRIGHT ABOVE CULVERT #1	No	235	0	235	0
ROMO0464	Grand Ditch at 10300 ft. Outside Park	No	3	0	3	0
ROMO0465	105302/C04033	No	4	0	4	0
ROMO0466	TIMBER LAKE	Yes	26	26	0	0
ROMO0467	BEAVER BROOK NEAR ESTES PARK, CO.	Yes	57	0	0	57
ROMO0468	TIMBER LAKE	Yes	3	3	0	0
ROMO0469	UPPER THOMPSON SAN DIST ESTES PK	No	20	0	20	0
ROMO0470[1]	OLYMPUS TUNNEL AT LAKE ESTES, CO.	No	6681	2008	4146	527
ROMO0471	105796/C04276	No	4	0	4	0
ROMO0472	LAKE ESTES	No	574	574	0	0
ROMO0473	JIMMY CREEK NEAR GRAND LAKE, CO.	Yes	14	0	0	14
ROMO0474	BIG THOMPSON RIVER NEAR ESTES PARK, CO.	No	227	0	192	35
ROMO0475	FALL RIVER AT ESTES PARK, CO.	No	17	0	17	0
ROMO0476		No	107	0	0	107
ROMO0477	BIG THOMPSON RIVER AT ESTES PARK, CO.	No	599	0	335	264
ROMO0478	BIG THOMPSON RIVER ABOVE LAKE ESTES	No	224	0	224	0
ROMO0479		No	45	0	0	45
ROMO0480		No	107	0	0	107
ROMO0481	ESTES PARK STP OUTFALL	No	289	0	0	289
ROMO0482	106073/C04504	Yes	4	0	4	0
ROMO0483[1]	BIG THOMPSON RIVER BELOW ESTES PARK	No	2869	967	1544	358
ROMO0484	TIMBER CRK AT HWY. 34	Yes	51	0	0	51
ROMO0485	COLORADO RIVER NEAR TIMBER CREEK CAMPGROUND	Yes	1	1	0	0
ROMO0486	PARIKA LAKE	No	26	26	0	0
ROMO0487	105732/C04228	No	4	0	4	0
ROMO0488	106074/C04505	Yes	4	0	4	0
ROMO0489		Yes	88	0	0	88
ROMO0490	ARROWHEAD LAKE	Yes	26	26	0	0
ROMO0491	105795/C04275	No	4	0	4	0
ROMO0492	105316/C04047	Yes	4	0	4	0
ROMO0493	105866/C04346	No	4	0	4	0
ROMO0494	COLORADO RIVER NEAR THE "BEAVER" PARKING AREA	Yes	1	1	0	0
ROMO0495	106075/C04506	Yes	4	0	4	0
ROMO0496	105417/C04086	No	4	0	4	0
ROMO0497	105797/C04277	No	4	0	4	0

Station Period of Record Tabulation
From 01/01/01 To 11/12/98

Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 11/12/98	01/01/75 to 12/31/84	Before 01/01/75
ROMO0498	106076/C04507	Yes	4	0	4	0
ROMO0499	THUNDER MT LODGE STP OUTFALL	No	24	0	0	24
ROMO0500		No	89	0	0	89
ROMO0501	NATIONAL PK VILLAGE STP OUTFALL	Yes	47	0	0	47
ROMO0502	105407/C04076	Yes	4	0	4	0
ROMO0503	HIDDEN VALLEY STP OUTFALL	Yes	46	0	0	46
ROMO0504	FALL RIVER AT THE EAST END OF HORSESHOE PARK	Yes	1	1	0	0
ROMO0505	105798/C04278	Yes	4	0	4	0
ROMO0506	FALL RIVER 4	Yes	76	0	76	0
ROMO0507	FALL RIVER BELOW HORSESHOE PARK	Yes	52	0	52	0
ROMO0508	SHEEP LAKE	Yes	117	117	0	0
ROMO0509[1]	FALL RIVER AT US HWY 34 IN HORSESHOE PARK	Yes	69	69	0	0
ROMO0510	Fall River at U.S. Hwy. 34 - Old NPS Gage	Yes	264	264	0	0
ROMO0511[1]	UNNAMED POND(C)-OUTSIDE ALLUVIAL FAN	Yes	61	61	0	0
ROMO0512	FALL RIVER 3	Yes	76	0	76	0
ROMO0513	PHANTOM VALLEY CG	Yes	23	0	0	23
ROMO0514	HORSESHOE PARK LAKE #3	Yes	36	36	0	0
ROMO0515	105799/C04279	Yes	4	0	4	0
ROMO0516	106077/C04508	Yes	4	0	4	0
ROMO0517[1]	UNNAMED POND Q-LAWN LAKE ALLUVIAL FAN	Yes	63	63	0	0
ROMO0518	OPPOSITION CREEK	Yes	25	0	0	25
ROMO0519	HORSESHOE PARK LAKE #1	Yes	78	78	0	0
ROMO0520	COLORADO RIVER NR RED MTN TRAIL BRIDGE	Yes	1	1	0	0
ROMO0521	Opposition Cr. above Confl. with Grand Ditch	Yes	13	0	13	0
ROMO0522	105418/C04087	Yes	4	0	4	0
ROMO0523[1]	UNNAMED POND F-LAWN LAKE ALLUVIAL FAN	Yes	63	63	0	0
ROMO0524	FAN LAKE	Yes	90	90	0	0
ROMO0525	N. FORK COLO. RIVER AT PHANTOM VALLEY RANCH	Yes	25	0	0	25
ROMO0526[1]	FALL RIVER-WEST OF ALLUVIAL FAN	Yes	69	69	0	0
ROMO0527	105733/C04229	No	4	0	4	0
ROMO0528	GRAND DITCH	Yes	29	0	0	29
ROMO0529[1]	ROARING RIVER AT FALL RIVER ROAD	Yes	69	69	0	0
ROMO0530	GEM LAKE	Yes	45	45	0	0
ROMO0531	105800/C04280	Yes	4	0	4	0
ROMO0532	105405/C04074	Yes	4	0	4	0
ROMO0533	Mosquito Creek above Confluence with Grand Ditch	Yes	12	0	12	0
ROMO0534	105304/C04035	Yes	4	0	4	0
ROMO0535	Sundance Creek above Confluence with Fall River	Yes	14	0	14	0
ROMO0536	105401/C04070	Yes	4	0	4	0
ROMO0537	LAKE IRENE	Yes	49	0	0	49
ROMO0538	Fall River below Confluence with Sundance Creek	Yes	14	0	14	0
ROMO0539	FALL RIVER (ENDOVALLEY)	Yes	1	1	0	0
ROMO0540	Fall River above Confluence with Sundance Creek	Yes	14	0	14	0
ROMO0541	105419/C04088	Yes	4	0	4	0
ROMO0542	FALL RIVER 1	Yes	76	0	76	0
ROMO0543	Roaring River above Horseshoe Falls	Yes	30	0	30	0
ROMO0544	Fall River above Chasm Falls	Yes	13	0	13	0
ROMO0545	Fall River Tributary above Chasm Falls--#14	Yes	13	0	13	0
ROMO0546	105315/C04046	Yes	4	0	4	0
ROMO0547	Lost Creek above Confluence with Grand Ditch	Yes	27	0	27	0
ROMO0548	Roaring River at about 9400 ft.	Yes	15	0	15	0
ROMO0549	LA POUDRE PASS LAKE (OR POUDRE LAKE)	Yes	1	1	0	0
ROMO0550	105406/C04075	Yes	4	0	4	0
ROMO0551	105734/C04230	No	4	0	4	0
ROMO0552	105303/C04034	Yes	4	0	4	0
ROMO0553	Fall River Tributary at 3048 m.	Yes	13	0	13	0
ROMO0554	Fall River at 3033 m.-- #13	Yes	13	0	13	0
ROMO0555	Fall River at 3054 m.	Yes	13	0	13	0
ROMO0556	Fall River South Branch at 3350 m.--#4	Yes	12	0	12	0
ROMO0557	Fall R. below Conf. of N. & S. Branches--#10	Yes	14	0	14	0
ROMO0558	S. Branch Fall R. above Conf. with N. Branch--#6	Yes	14	0	14	0
ROMO0559	Fall River South Branch Tributary--#3	Yes	13	0	13	0
ROMO0560	105404/C04073	Yes	4	0	4	0
ROMO0561	Fall R. N. Branch above S. Branch Conf.--#8	Yes	14	0	14	0
ROMO0562	105314/C04045	Yes	4	0	4	0
ROMO0563	Big Ditch Cr. above Confl. with Grand Ditch	Yes	12	0	12	0
ROMO0564	Roaring Rive below Confluence with Ypsilon Creek	Yes	15	0	15	0
ROMO0565	Lake of the Clouds Inlet	Yes	14	0	14	0
ROMO0566	Ypsilon Cr. above Confl. with Roaring River	Yes	15	0	15	0
ROMO0567	Lake of the Clouds at the Surface	Yes	15	0	15	0
ROMO0568	Big Dutch Creek below Small Lake	Yes	15	0	15	0

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From 01/01/01 To 11/12/98

Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 11/12/98	01/01/75 to 12/31/84	Before 01/01/75
ROMO0569	Big Dutch Creek Lake of the Clouds Outlet	Yes	15	0	15	0
ROMO0570	Fall River North Branch at 3425 m.--#2	Yes	26	0	26	0
ROMO0571	CHIPMUNK LAKE AT THE EAST END	Yes	1	1	0	0
ROMO0572	Roaring River at about 9800 ft.	Yes	15	0	15	0
ROMO0573	CHIQUITA LAKE	Yes	26	26	0	0
ROMO0574	Chiquita Lake at the Surface--#30	Yes	15	0	15	0
ROMO0575	Ypsilon Cr. Trib. @ 10180 ft. blw Fay Lakes--#18	Yes	13	0	13	0
ROMO0576	Chiquita Lake Outlet	Yes	15	0	15	0
ROMO0577	Ypsilon Creek Ypsilon Lake Outlet--#42	Yes	15	0	15	0
ROMO0578	Ypsilon Creek Ypsilon Lake Inlet--#38	Yes	15	0	15	0
ROMO0579	Ypsilon Cr. at 10900 ft. above Ypsilon Lake--#34	Yes	15	0	15	0
ROMO0580	Ypsilon Lake at the Surface--#40	Yes	30	0	30	0
ROMO0581	YPSILON LAKE--MIDWAY ALONG THE SOUTH SHORE	Yes	1	1	0	0
ROMO0582	Tributary to Ypsilon Cr. above Ypsilon Lake--#35	Yes	15	0	15	0
ROMO0583	105403/C04072	No	4	0	4	0
ROMO0584	Lower Spectacle Lake Outlet--#26	Yes	15	0	15	0
ROMO0585	Lower Fay Lake Outlet--#16	Yes	15	0	15	0
ROMO0586	105313/C04044	Yes	4	0	4	0
ROMO0587	Middle Dutch Cr. above Confl. with Grand Ditch	Yes	15	0	15	0
ROMO0588	Lower Fay Lake Inlet--#14	Yes	15	0	15	0
ROMO0589	Upper Spectacle Lake Outlet--#22	Yes	15	0	15	0
ROMO0590	Roaring River below Tributary at 10360 ft.	Yes	15	0	15	0
ROMO0591	SPECTACLE LAKES (NW)	Yes	26	26	0	0
ROMO0592	Roaring River below Lawn Lake at 10390 ft.	Yes	15	0	15	0
ROMO0593	105312/C04043	Yes	4	0	4	0
ROMO0594	Little Dutch Cr. above Confl. with Grand Ditch	Yes	15	0	15	0
ROMO0595	Upper Spectacle Lake Inlet--#19	Yes	14	0	14	0
ROMO0596	105735/C04231	No	4	0	4	0
ROMO0597	Middle Fay Lake Outlet--#12	Yes	15	0	15	0
ROMO0598	Middle Fay Lake West Inlet--#8	Yes	15	0	15	0
ROMO0599	105736/C04232	No	4	0	4	0
ROMO0600	Middle Fay Lake at the Surface--#10	Yes	15	0	15	0
ROMO0601	Upper Fay Lake Outlet---#6	Yes	15	0	15	0
ROMO0602	Upper Fay Lake Inlet--#2	Yes	14	0	14	0
ROMO0603	Middle Fay Lake North Inlet--#9	Yes	14	0	14	0
ROMO0604	105737/C04233	No	4	0	4	0
ROMO0605	Sawmill Creek above Confluence with Grand Ditch	Yes	14	0	14	0
ROMO0606	105311/C04042	Yes	4	0	4	0
ROMO0607	Roaring River at Bend below Lawn Lake	Yes	15	0	15	0
ROMO0608	Box Canyon Cr. above Confl. with Grand Ditch	Yes	24	0	24	0
ROMO0609	105310/C04041	Yes	4	0	4	0
ROMO0610	Roaring River Lawn Lake Outlet	Yes	15	0	15	0
ROMO0611	LADY CREEK NEAR GRAND LAKE, CO.	Yes	6	0	0	6
ROMO0612	105309/C04040	Yes	4	0	4	0
ROMO0613	Lawn Lake at the Surface	Yes	15	0	15	0
ROMO0614	LAWN LAKE	Yes	2	2	0	0
ROMO0615	Tributary to South Branch of Box Canyon Creek	Yes	12	0	12	0
ROMO0616	Stream blw Confl. N&S Branches of Box Canyon Cr.	Yes	12	0	12	0
ROMO0617	Roaring River Lawn Lake Inlet	Yes	15	0	15	0
ROMO0618	Roaring River Crystal Lake Inlet	Yes	15	0	15	0
ROMO0619	South Branch of Box Canyon Creek	Yes	13	0	13	0
ROMO0620	Roaring River Crystal Lake Outlet	Yes	15	0	15	0
ROMO0621	Crystal Lake at the Surface	Yes	15	0	15	0
ROMO0622	Roaring R. Trib. between Lawn and Crystal Lakes	Yes	15	0	15	0
ROMO0623	Roaring River Little Crystal Lake Outlet	Yes	15	0	15	0
ROMO0624	Bennett Creek above Confluence with Grand Ditch	Yes	15	0	15	0
ROMO0625	North Branch of Box Canyon Creek	Yes	13	0	13	0
ROMO0626	105308/C04039	Yes	4	0	4	0
ROMO0627	105402/C04071	No	4	0	4	0
ROMO0628	Snow Lake Inlet	No	14	0	14	0
ROMO0629	105307/C04038	No	4	0	4	0
ROMO0630	105306/C04037	No	4	0	4	0
ROMO0631	TOP OF UPPER MEADOW ON HAGUE CREEK	Yes	2	2	0	0
ROMO0632	Michigan River Snow Lake Outlet	No	13	0	13	0
ROMO0633	UNNAMED SIDE CREEK	Yes	2	2	0	0
ROMO0634	MIDDLE OF UPPER MEADOW	Yes	2	2	0	0
ROMO0635	ABOVE ALPINE PONDS ON HAGUE CREEK	Yes	2	2	0	0
ROMO0636	BOTTOM OF UPPER MEADOW	Yes	2	2	0	0
ROMO0637	105305/C04036	No	4	0	4	0
ROMO0638	MICHIGAN RIVER NEAR CAMERON PASS, CO.	No	806	518	264	24
ROMO0639	NORTH FORK BIG THOMPSON RIVER-RANGER STATION	Yes	2	2	0	0

Station Period of Record Tabulation
From 01/01/01 To 11/12/98

Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 11/12/98	01/01/75 to 12/31/84	Before 01/01/75
ROMO0640	KETTLE TARN NEAR THE CAMPSITE TRAIL	Yes	1	1	0	0
ROMO0641	TOP OF LOWER MEADOW OF HAGUE CREEK	Yes	4	4	0	0
ROMO0642	105958/C04413	No	4	0	4	0
ROMO0643	LOST MEADOW (NORTH FORK OF BIG THOMPSON RIVER)	Yes	2	2	0	0
ROMO0644[1]	OUTLET STREAM FROM LAKE LOUISE	Yes	342	191	151	0
ROMO0645	LAKE LOUISE OUTLET	Yes	2	2	0	0
ROMO0646	LOUISE H	Yes	26	26	0	0
ROMO0647[1]	LOUISE O	Yes	86	86	0	0
ROMO0648	LOUISE S	Yes	29	29	0	0
ROMO0649	Louise Lake Inlet	Yes	29	29	0	0
ROMO0650	LOST LAKE IN ROCKY MOUNTAIN NATIONAL PARK	Yes	3	3	0	0
ROMO0651	INLET STREAM TO LAKE LOUISE	Yes	137	95	42	0
ROMO0652	LOST LAKE	Yes	12	12	0	0
ROMO0653	MIDDLE OF LAKE LOUISE AT MID-DEPTH	Yes	96	41	55	0
ROMO0654[1]	MIDDLE OF LAKE LOUISE AT THE BOTTOM	Yes	118	63	55	0
ROMO0655[1]	MIDDLE OF LAKE LOUISE AT THE SURFACE	Yes	270	106	164	0
ROMO0656	LAKE HUSTED OUTLET	Yes	2	2	0	0
ROMO0657	HUSTED H	Yes	42	42	0	0
ROMO0658	HUSTED S	Yes	67	67	0	0
ROMO0659	Lake Husted OUtlet	Yes	55	55	0	0
ROMO0660	MIDDLE OF LAKE HUSTED AT MID-DEPTH	Yes	95	42	53	0
ROMO0661[1]	MIDDLE OF LAKE HUSTED AT THE BOTTOM	Yes	115	62	53	0
ROMO0662[1]	MIDDLE OF LAKE HUSTED AT THE SURFACE	Yes	389	209	180	0
ROMO0663[1]	INLET STREAM TO LAKE HUSTED	Yes	191	38	153	0
ROMO0664	105959/C04414	No	4	0	4	0
ROMO0665	CORRAL CREEK #9	No	68	0	68	0
ROMO0666	MUMMY PASS CREEK-MID-BASIN	Yes	4	4	0	0
ROMO0667	UPPER ZIMMERMAN LAKE STATION #77	No	28	0	28	0
ROMO0668	MIRROR LAKE	Yes	26	26	0	0
ROMO0669	105960/C04415	No	4	0	4	0
ROMO0670	JOE WRIGHT CREEK NEAR CAMERON PASS, CO.	No	66	0	36	30
ROMO0671	EMMALINE LAKE	No	26	26	0	0
ROMO0672	FALL CREEK NEAR RUSTIC, CO.	No	75	0	0	75
ROMO0673	FALL CREEK-GAGING STATION	No	42	0	0	42
ROMO0674	PETERSON LAKE NEAR THE CABIN ON THE SOUTH SHORE	No	3	3	0	0
ROMO0675	TRAP LAKE	No	104	104	0	0
ROMO0676	105692/C04190	No	4	0	4	0
ROMO0677	105690/C04188	No	4	0	4	0
ROMO0678	S FK-CACHE LA POUDRE R 2 MI US LITTLE BEAVER CK	No	121	0	0	121
ROMO0679	LITTLE SOUTH FORK @ BENNETT CK CAMPGROUND #2	No	61	0	61	0
ROMO0680	105691/C04189	No	4	0	4	0
ROMO0681	S FK-CACHE LA POUDRE R 1 MI US LITTLE BEAVER CK	No	99	0	0	99
ROMO0682	HOURGLASS CREEK ABOVE HOURGLASS RESERVOIR	No	6	0	0	6
ROMO0683	BEAVER CREEK BELOW COMANCHE RES. B-2	No	51	0	51	0
ROMO0684	BEAVER CREEK	No	55	0	0	55

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

Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Parameter Code	Name	Total Obs	01/01/85 to 11/12/98	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	1991	1619	208	164	65	21
00004	STREAM WIDTH (FEET)	114	42	72	0	10	3
00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	47	0	47	0	6	1
00009	X-SEC. LOC.(FT FROM LEFT BANK LOOKING DOWNSTRM)	2	2	0	0	1	0
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10647	7962	1959	726	427	280
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	118	42	52	24	5	0
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	72	24	45	3	9	0
00021	TEMPERATURE, AIR (DEGREES FAHRENHEIT)	75	42	33	0	4	0
00025	BAROMETRIC PRESSURE (MM OF HG)	392	332	60	0	8	2
00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	4497	3557	759	181	100	77
00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	4562	3555	826	181	100	77
00030	LIGHT, INCIDENT, SUNLIGHT RADIATION INTENSITY	1	1	0	0	1	0
00031	LIGHT,INCIDENT, PERCENT REMAING AT CERTAIN DEPTH	8	8	0	0	2	0
00032	CLOUD COVER (PERCENT)	3	0	0	3	3	0
00041	WEATHER (WMO CODE 4501)	141	0	74	67	9	0
00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL	1	0	0	1	1	0
00049	SURFACE AREA IN SQUARE MILES	27	0	0	27	1	0
00054	RESERVOIR STORAGE - ACRE FEET	18	0	6	12	3	0
00057	FLOW, INDICATES IT HAS BEEN CHECKED	85	17	55	13	1	0
00060	FLOW, STREAM, MEAN DAILY CFS	314	17	67	230	16	2
00061	FLOW, STREAM, INSTANTANEOUS CFS	2032	1495	480	57	31	16
00063	SAMPLING POINTS, NUMBER OF IN A CROSS SECTION	36	36	0	0	3	2
00065	STAGE, STREAM (FEET)	311	163	148	0	20	8
00070	TURBIDITY, (JACKSON CANDLE UNITS)	4	0	4	0	2	2
00074	TURBIDITY, TRANSMISSOMETER, PERCENT TRANSMISSION	46	0	46	0	5	0
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	38	0	0	38	8	1
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	34	0	25	9	1	0
00077	TRANSPARENCY, SECCHI DISC (INCHES)	140	105	16	19	15	0
00078	TRANSPARENCY, SECCHI DISC (METERS)	73	49	24	0	47	32
00080	COLOR (PLATINUM-COBALT UNITS)	496	380	116	0	67	55
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	2164	1373	791	0	184	175
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	6927	5279	1227	421	326	199
00096	SALINITY AT 25 DEGREES C (MG/ML)	1	1	0	0	1	0
00098	SAMPLING STATION LOCATION VERTICAL (METERS)	105	105	0	0	17	17
00111	RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI	72	0	72	0	6	6
00154	SULFATE (AS S) WHOLE WATER, MG/L	53	53	0	0	34	27
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	7	3	4	0	3	3
00300	OXYGEN, DISSOLVED MG/L	2762	1872	534	356	85	34
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	48	5	0	43	12	0
00310	BOD, 5 DAY, 20 DEG C MG/L	98	24	34	40	10	2
00340	COD, .25N K2CR2O7 MG/L	67	0	0	67	11	4
00400	PH (STANDARD UNITS)	3600	2639	593	368	231	111
00402	SPECIFIC CONDUCTANCE,NON-TEMPERATURE CORR.UMHOS/CM	4	4	0	0	4	4
00403	PH, LAB, STANDARD UNITS SU	3672	3043	629	0	287	265
00405	CARBON DIOXIDE (MG/L AS CO2)	150	51	84	15	23	17
00406	PH, FIELD, STANDARD UNITS SU	2287	1411	768	108	136	132
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	1285	1172	113	0	180	170
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	1260	950	233	77	70	45
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	1890	1372	518	0	40	40
00417	ALKALINITY,FIXED ENDPOINT TITRATION, USGS LAB MG/L	4	4	0	0	4	4
00418	ALKALINITY,CARBONATE,INCREMENTAL TIT.USGS LAB MG/L	21	21	0	0	2	2
00435	ACIDITY, TOTAL (MG/L AS CACO3)	2	0	1	1	2	1
00440	BICARBONATE ION (MG/L AS HCO3)	160	37	68	55	33	19
00445	CARBONATE ION (MG/L AS CO3)	143	37	64	42	24	12
00452	CARBONATE,WATER,DISS,INCR TIT, FIELD, AS CO3, MG/L	4	4	0	0	2	2
00453	BICARBONATE,WATER,DISS,INCR TIT,FIELD,AS HCO3,MG/L	39	39	0	0	2	2
00500	RESIDUE, TOTAL (MG/L)	7	0	4	3	1	0
00505	RESIDUE, TOTAL VOLATILE (MG/L)	10	0	0	10	4	1
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	33	0	3	30	10	3
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	266	90	64	112	34	10
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	72	0	0	72	12	4
00545	RESIDUE, SETTLEABLE (ML/L)	75	0	0	75	12	4
00600	NITROGEN, TOTAL (MG/L AS N)	107	0	86	21	9	1
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	85	0	8	77	18	0
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	1969	1743	226	0	75	69
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	843	425	297	121	76	22
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	2549	2128	421	0	105	98
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	173	131	19	23	20	5
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	1132	974	153	5	88	78
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	187	62	25	100	48	17
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	56	54	2	0	5	3

Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Parameter Code	Name	Total Obs	01/01/85 to 11/12/98	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	989	592	297	100	53	7
00629	NITROGEN, ORGANIC KJELDAHL, TOTAL (MG/L AS N)	29	29	0	0	8	8
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	641	295	307	39	36	5
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	1697	1384	281	32	97	77
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	25	0	11	14	10	1
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	1916	1129	787	0	160	158
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	177	0	77	100	47	18
00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	29	29	0	0	29	23
00665	PHOSPHORUS, TOTAL (MG/L AS P)	1282	697	534	51	74	37
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	675	467	141	67	27	7
00667	PHOSPHORUS, SUSPENDED (MG/L AS P)	32	32	0	0	3	2
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	1900	1415	421	64	117	85
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	39	39	0	0	6	5
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	1307	1264	42	1	91	83
00689	CARBON, SUSPENDED ORGANIC (MG/L AS C)	43	43	0	0	4	3
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	29	29	0	0	29	23
00723	CYANIDE, DISSOLVED STD METHOD (UG/L)	49	0	41	8	1	0
00900	HARDNESS, TOTAL (MG/L AS CACO3)	430	125	231	74	62	40
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	169	0	116	53	26	14
00910	CALCIUM (MG/L AS CACO3)	64	29	26	9	30	23
00915	CALCIUM, DISSOLVED (MG/L AS CA)	3976	2909	1015	52	253	231
00916	CALCIUM, TOTAL (MG/L AS CA)	26	24	0	2	9	6
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	3990	2923	1015	52	275	248
00927	MAGNESIUM, TOTAL (MG/L AS MG)	63	27	26	10	10	6
00929	SODIUM, TOTAL (MG/L AS NA)	54	18	25	11	9	5
00930	SODIUM, DISSOLVED (MG/L AS NA)	4013	2949	1013	51	278	251
00931	SODIUM ADSORPTION RATIO	267	1	204	62	38	25
00932	SODIUM, PERCENT	216	1	164	51	27	15
00933	SODIUM,PLUS POTASSIUM (MG/L)	20	0	18	2	3	0
00935	POTASSIUM, DISSOLVED (MG/L AS K)	3957	2889	1017	51	279	252
00937	POTASSIUM, TOTAL MG/L AS K)	38	27	9	2	10	6
00940	CHLORIDE,TOTAL IN WATER MG/L	1963	1460	431	72	120	89
00941	CHLORIDE, DISSOLVED IN WATER MG/L	4050	3217	833	0	234	225
00945	SULFATE, TOTAL (MG/L AS SO4)	1998	1486	449	63	106	82
00946	SULFATE, DISSOLVED (MG/L AS SO4)	3933	3131	802	0	201	198
00950	FLUORIDE, DISSOLVED (MG/L AS F)	2323	1675	619	29	148	125
00951	FLUORIDE, TOTAL (MG/L AS F)	28	7	12	9	4	2
00955	SILICA, DISSOLVED (MG/L AS SI02)	4480	3599	847	34	309	281
00956	SILICA, TOTAL (MG/L AS SI02)	17	17	0	0	4	3
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	110	49	51	10	12	0
00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE UG/L	6	0	6	0	1	0
01000	ARSENIC, DISSOLVED (UG/L AS AS)	21	11	3	7	10	3
01002	ARSENIC, TOTAL (UG/L AS AS)	31	0	23	8	1	0
01005	BARIUM, DISSOLVED (UG/L AS BA)	358	355	3	0	13	6
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	318	318	0	0	6	1
01020	BORON, DISSOLVED (UG/L AS B)	315	311	0	4	10	4
01022	BORON, TOTAL (UG/L AS B)	29	0	20	9	1	0
01025	CADMIUM, DISSOLVED (UG/L AS CD)	518	442	65	11	25	6
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	360	354	0	6	11	5
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	15	0	8	7	1	0
01035	COBALT, DISSOLVED (UG/L AS CO)	318	318	0	0	6	1
01037	COBALT, TOTAL (UG/L AS CO)	1	1	0	0	1	0
01040	COPPER, DISSOLVED (UG/L AS CU)	520	444	65	11	25	6
01045	IRON, TOTAL (UG/L AS FE)	8	0	1	7	4	1
01046	IRON, DISSOLVED (UG/L AS FE)	2334	1715	584	35	134	115
01049	LEAD, DISSOLVED (UG/L AS PB)	547	444	73	30	28	7
01055	MANGANESE, TOTAL (UG/L AS MN)	9	5	0	4	4	0
01056	MANGANESE, DISSOLVED (UG/L AS MN)	2299	1648	616	35	159	130
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	358	355	3	0	13	6
01065	NICKEL, DISSOLVED (UG/L AS NI)	491	401	70	20	14	5
01067	NICKEL, TOTAL (UG/L AS NI)	1	1	0	0	1	0
01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	8	0	8	0	1	0
01075	SILVER, DISSOLVED (UG/L AS AG)	362	362	0	0	15	1
01077	SILVER, TOTAL (UG/L AS AG)	37	37	0	0	5	1
01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	53	30	22	1	7	0
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	904	904	0	0	44	38
01085	VANADIUM, DISSOLVED (UG/L AS V)	316	316	0	0	5	0
01090	ZINC, DISSOLVED (UG/L AS ZN)	521	443	64	14	26	7
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	87	28	52	7	6	0
01095	ANTIMONY, DISSOLVED (UG/L AS SB)	2	2	0	0	1	1
01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	8	0	8	0	1	0

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Parameter Code	Name	Total Obs	01/01/85 to 11/12/98	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
01105	ALUMINUM, TOTAL (UG/L AS AL)	56	56	0	0	36	29
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	1291	1037	254	0	85	85
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	87	28	51	8	6	0
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	87	28	52	7	6	0
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	6	0	6	0	1	0
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	82	23	52	7	6	0
01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	96	36	52	8	8	0
01129	MOLYBDENUM,TOTAL RECOVERABLE IN WATER AS MB UG/L	20	0	12	8	1	0
01130	LITHIUM, DISSOLVED (UG/L AS LI)	315	315	0	0	5	0
01145	SELENIUM, DISSOLVED (UG/L AS SE)	26	23	3	0	11	2
01147	SELENIUM, TOTAL (UG/L AS SE)	30	7	15	8	6	0
01300	OIL-GREASE (SEVERITY)	25	0	0	25	4	0
01305	DETERGENT SUDS (SEVERITY)	28	0	0	28	7	0
01320	GARBAGE, FLOATING (SEVERITY)	25	0	0	25	4	0
01325	ALGAE, FLOATING MATS (SEVERITY)	28	0	0	28	7	0
01330	ODOR, ATMOSPHERIC (SEVERITY)	28	0	0	28	7	0
01340	FISH, DEAD (SEVERITY)	28	0	0	28	7	0
01345	DEBRIS, FLOATING (SEVERITY)	25	0	0	25	4	0
01350	TURBIDITY (SEVERITY)	28	0	0	28	7	0
01355	ICE COVER, FLOATING OR SOLID (SEVERITY)	28	0	0	28	7	0
01503	ALPHA, DISSOLVED	8	0	1	7	4	1
01504	ALPHA, DISSOLVED, COUNTING ERROR	2	0	1	1	1	0
03503	BETA, DISSOLVED	3	0	3	0	1	0
03504	BETA, DISSOLVED, COUNTING ERROR	4	0	3	1	1	0
03515	BETA, DISSOLVED GROSS, AS CS-137, PC/L	3	0	3	0	3	1
09503	RADIUM 226, DISSOLVED	5	0	0	5	4	1
20400	INVALID PARAMETER	2	0	0	2	1	0
22703	URANIUM, NATURAL, DISSOLVED	118	2	115	1	112	51
31416	INVALID PARAMETER	1	0	0	1	1	0
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	674	48	435	191	46	26
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	1	0	1	0	1	0
31504	COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,35C	4	4	0	0	2	0
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	98	0	13	85	15	5
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	30	0	0	30	4	4
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	98	2	96	0	8	8
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	186	53	50	83	19	5
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	339	20	134	185	37	12
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	259	110	149	0	6	1
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	166	0	142	24	26	16
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	1	0	1	0	1	0
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	66	0	0	66	4	0
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	33	33	0	0	3	2
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	10	0	10	0	5	0
34790	SURFACTANTS, AS CTAS, WATER MG/L	1	1	0	0	1	1
34795	ANTIMONY,SED,BOT,	1	1	0	0	1	1
34800	ARSENIC,SED,BOT,WET SIEVE,	1	1	0	0	1	1
34805	BARIUM,SED,BOT,	1	1	0	0	1	1
34810	BERYLLIUM,SED,BOT,WET SIEVE,	1	1	0	0	1	1
34816	BISMUTH,SED,BOT,WET SIEVE,	1	1	0	0	1	1
34825	CADMIUM,SED,BOT,	1	1	0	0	1	1
34830	CALCIUM,SED,BOT,	1	1	0	0	1	1
34835	CERIUM,SED,BOT,	1	1	0	0	1	1
34840	CHROMIUM,SED,BOT,	1	1	0	0	1	1
34845	COBALT,SED,BOT,	1	1	0	0	1	1
34850	COPPER,SED,BOT,	1	1	0	0	1	1
34855	EUROPIUM,SED,BOT,	1	1	0	0	1	1
34860	GALLIUM,SED,BOT,	1	1	0	0	1	1
34870	GOLD,SED,BOT,	1	1	0	0	1	1
34875	HOLMIUM,SED,BOT,	1	1	0	0	1	1
34880	IRON,SED,BOT,	1	1	0	0	1	1
34885	LANTHANUM,SED,BOT,	1	1	0	0	1	1
34890	LEAD,SED,BOT,	1	1	0	0	1	1
34895	LITHIUM,SED,BOT,	1	1	0	0	1	1
34900	MAGNESIUM,SED,BOT,	1	1	0	0	1	1
34905	MANGANESE,SED,BOT,	1	1	0	0	1	1
34910	MERCURY,SED,BOT,	1	1	0	0	1	1
34915	MOLYBDENUM,SED,BOT,	1	1	0	0	1	1
34920	NEODYMIUM,SED,BOT,	1	1	0	0	1	1
34925	NICKEL,SED,BOT,	1	1	0	0	1	1
34930	NIOBIUM,SED,BOT,	1	1	0	0	1	1
34935	PHOSPHORUS,SED,BOT,	1	1	0	0	1	1

Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Parameter Code	Name	Total Obs	01/01/85 to 11/12/98	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
34940	POTASSIUM,SED,BOT,	1	1	0	0	1	1
34945	SCANDIUM,SED,BOT,	1	1	0	0	1	1
34950	SELENIUM,SED,BOT,	1	1	0	0	1	1
34955	SILVER,SED,BOT,	1	1	0	0	1	1
34960	SODIUM,SED,BOT,	1	1	0	0	1	1
34965	STRONTIUM,SED,BOT,	1	1	0	0	1	1
34970	SULFUR,SED,BOT,	1	1	0	0	1	1
34975	TANTALUM,SED,BOT,	1	1	0	0	1	1
34980	THORIUM,SED,BOT,	1	1	0	0	1	1
34985	TIN,SED,BOT,	1	1	0	0	1	1
35000	URANIUM,SED,BOT,	1	1	0	0	1	1
35005	VANADIUM,SED,BOT,	1	1	0	0	1	1
35010	YTTRIUM,SED,BOT,	1	1	0	0	1	1
35015	YTTERBIUM,SED,BOT,	1	1	0	0	1	1
35020	ZINC,SED,BOT,	1	1	0	0	1	1
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	56	0	15	41	17	5
39086	ALKALINITY,WATER,DISS,INCR TIT,FIELD,AS CACO3,MG/L	39	39	0	0	2	2
46460	CHLOROPHYLL-A, SPECTRO,CORRECT FOR PHEOPHYTIN UG/L	16	16	0	0	8	0
46552	CALCIUM,FIELD ACIDIFIED W/HNO3 LAB FILTER(MG/L)	773	773	0	0	26	25
46554	MAGNESIUM,FIELD ACIDIFIED-HNO3-LAB FILT(MG/L-MG)	773	773	0	0	26	25
46555	POTASSIUM,FIELD ACIDIFIED-HNO3-LAB FILT.(MG/L-K))	777	777	0	0	26	25
46556	SODIUM, FIELD ACIDIFIED W/HNO3, LAB FILTERED MG/L	772	772	0	0	26	25
49237	ALUMINUM, DRY WEIGHT, TISSUE/BIOTA,RECV UG/G	1	1	0	0	1	1
49238	BARIUM, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	1	1	0	0	1	1
49239	BORON, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	1	1	0	0	1	1
49240	CHROMIUM, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	1	1	0	0	1	1
49241	COPPER, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	1	1	0	0	1	1
49242	IRON, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	1	1	0	0	1	1
49243	MANGANESE, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	1	1	0	0	1	1
49244	STRONTIUM, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	1	1	0	0	1	1
49245	ZINC, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	1	1	0	0	1	1
49246	ANTIMONY, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	1	1	0	0	1	1
49247	ARSENIC, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	1	1	0	0	1	1
49248	BERYLLIUM, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	1	1	0	0	1	1
49249	CADMIUM, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	1	1	0	0	1	1
49250	COBALT, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	1	1	0	0	1	1
49251	LEAD, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	1	1	0	0	1	1
49252	MOLYBDENUM, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	1	1	0	0	1	1
49253	NICKEL, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	1	1	0	0	1	1
49254	SELENIUM, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	1	1	0	0	1	1
49255	SILVER, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	1	1	0	0	1	1
49257	URANIUM, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	1	1	0	0	1	1
49258	MERCURY, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	1	1	0	0	1	1
49261	ALPHA-BHC,D6, WET WT.,TISSUE,WHOLE ORG,RECV %	1	1	0	0	1	1
49264	BIPHENYL,3,5-DICHLORO-,WET WT,TISS,WHL ORG,RECV %	1	1	0	0	1	1
49266	CARBON,ORGANIC,DRY WEIGHT,SEDIMENT,RECV,SIEVE	1	1	0	0	1	1
49267	CARBON,ORGANIC+INORGANIC,DRYWT,RECV,SIEVE	1	1	0	0	1	1
49269	CARBON,INORGANIC, DRY WT, SEDIMENT,RECV,SIEVE	1	1	0	0	1	1
49270	CARBON,INORGANIC, DRY WT,SEDIMENT,RECV,SIEVE	1	1	0	0	1	1
49271	CARBON,ORGANIC,DRY WT,SEDIMENT,RECV,SIEVE	1	1	0	0	1	1
49272	CARBON,ORGANIC+INORGANIC,DRYWT,RECV,SIEVE	1	1	0	0	1	1
49273	WATER PRESENT,DRY WT,TISSUE/BIOTA,LIVER,RECV UG/G	1	1	0	0	1	1
49274	TITANIUM, DRY WT, SIEVE	1	1	0	0	1	1
49275	ALPHA-BHC,D6, DRY WT,SIEVE	1	1	0	0	1	1
49276	OCTACHLOROBIPHENYL,DRY WT,SIEVE	1	1	0	0	1	1
49277	BIPHENYL,3,5-DICHLORO-,DRY WT,SIEVE	1	1	0	0	1	1
49278	TERPHENYL,D14-,DRY WT,SIEVE	1	1	0	0	1	1
49279	BIPHENYL, 2-FLUORO,DRY WT,SIEVE	1	1	0	0	1	1
49280	BENZENE,NITRO-,D5,DRY WT,SIEVE	1	1	0	0	1	1
49289	LIPIDS, WET WEIGHT, TISSUE, WHOLE ORGANISM,RECV %	1	1	0	0	1	1
49316	NONACHLOR,CIS-,DRY WEIGHT,SEDIMENT,SIEVE	1	1	0	0	1	1
49317	NONACHLOR,TRANS-,DRY WT,SEDIMENT,SIEVE	1	1	0	0	1	1
49318	OXYCHLORDANE,DRY WEIGHT,SEDIMENT,SIEVE	1	1	0	0	1	1
49319	ALDRIN,DRY WEIGHT,SEDIMENT,SIEVE	1	1	0	0	1	1
49320	CHLORDANE, CIS-,DRY WT,SEDIMENT,SIEVE	1	1	0	0	1	1
49321	CHLORDANE,TRANS-,DRY WT,SEDIMENT,SIEVE	1	1	0	0	1	1
49322	CHLORONEB,DRY WT,SEDIMENT,SIEVE	1	1	0	0	1	1
49324	DCPA,DRY WEIGHT,SEDIMENT,SIEVE	1	1	0	0	1	1
49325	DDD,O,P'-,DRY WEIGHT,SEDIMENT,SIEVE	1	1	0	0	1	1
49326	DDD,P,P'-,DRY WEIGHT,SEDIMENT,SIEVE	1	1	0	0	1	1
49327	DDE,O,P'-,DRY WEIGHT,SEDIMENT,SIEVE	1	1	0	0	1	1

Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Parameter Code	Name	Total Obs	01/01/85 to 11/12/98	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
49328	DDE,P,P'-,DRY WEIGHT,SEDIMENT,SIEVE	1	1	0	0	1	1
49329	DDT,O,P'-,DRY WT,SEDIMENT,SIEVE	1	1	0	0	1	1
49330	DDT,P,P'-,DRY WT,SEDIMENT,SIEVE	1	1	0	0	1	1
49331	DIELDRIN,DRY WEIGHT,SEDIMENT,SIEVE	1	1	0	0	1	1
49332	ENDOSULFAN I,DRY WEIGHT,SEDIMENT,SIEVE	1	1	0	0	1	1
49335	ENDRIN,DRY WEIGHT,SEDIMENT,SIEVE	1	1	0	0	1	1
49338	ALPHA-BHC,DRY WEIGHT,SEDIMENT,SIEVE	1	1	0	0	1	1
49339	BETA-BHC,DRY WEIGHT,SEDIMENT,SIEVE	1	1	0	0	1	1
49341	HEPTACHLOR,DRY WEIGHT,SEDIMENT,SIEVE	1	1	0	0	1	1
49342	HEPTACHLOR EPOXIDE,DRY WT,SEDIMENT,SIEVE	1	1	0	0	1	1
49343	HEXACHLOROBENZENE,DRY WT,SEDIMENT,SIEVE	1	1	0	0	1	1
49344	ISODRIN,DRY WEIGHT,SEDIMENT,SIEVE	1	1	0	0	1	1
49345	LINDANE,DRY WEIGHT,SEDIMENT,SIEVE	1	1	0	0	1	1
49346	METHOXYCHLOR,P,P'-,DRY WT,SED,SIEVE	1	1	0	0	1	1
49347	METHOXYCHLOR,O,P'-,DRY WT,SED,SIEVE	1	1	0	0	1	1
49348	MIREX,DRY WEIGHT,SEDIMENT,SIEVE	1	1	0	0	1	1
49349	PERMETHRIN,CIS-,DRY WT,SED,SIEVE	1	1	0	0	1	1
49350	PERMETHRIN,TRANS-,DRY WT,SED,SIEVE	1	1	0	0	1	1
49351	TOXAPHENE,DRY WEIGHT,SEDIMENT,SIEVE	1	1	0	0	1	1
49353	ALDRIN,WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	1	1	0	0	1	1
49354	PCB, WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	1	1	0	0	1	1
49355	TOXAPHENE, WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	1	1	0	0	1	1
49356	PENTACHLOROANISOLE,WET WT,TISS,WHOLE ORG,RECVUG/KG	1	1	0	0	1	1
49357	OXYCHLORDANE,WET WT,TISSUE,WHOLE ORG,RECV UG/KG	1	1	0	0	1	1
49358	NONACHLOR,TRANS-,WET WT,TISS,WHOLE ORG,RECV UG/KG	1	1	0	0	1	1
49359	NONACHLOR,CIS-,WET WT,TISS,WHOLE ORG,RECV UG/KG	1	1	0	0	1	1
49360	MIREX,WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	1	1	0	0	1	1
49361	METHOXYCHLOR,P,P'-,WET WT,TISS,WHOLE ORG,RECVUG/KG	1	1	0	0	1	1
49362	METHOXYCHLOR,O,P'-,WET WT,TISS,WHOLE ORG,RECVUG/KG	1	1	0	0	1	1
49363	LINDANE,WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	1	1	0	0	1	1
49364	DELTA-BHC,WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	1	1	0	0	1	1
49365	BETA-BHC,WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	1	1	0	0	1	1
49366	ALPHA-BHC,WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	1	1	0	0	1	1
49367	HEXACHLOROBENZENE,WET WT,TISS,WHOLE ORG,RECV UG/KG	1	1	0	0	1	1
49368	HEPTACHLOR EPOXIDE,WET WT,TISS,WHOLE ORG,RECVUG/KG	1	1	0	0	1	1
49369	HEPTACHLOR,WET WT,TISSUE,WHOLE ORG,RECV UG/KG	1	1	0	0	1	1
49370	ENDRIN,WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	1	1	0	0	1	1
49371	DIELDRIN,WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	1	1	0	0	1	1
49372	DDE,P,P',WET WT,TISSUE,WHOLE ORG,RECV UG/KG	1	1	0	0	1	1
49373	DDE,O,P'-,WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	1	1	0	0	1	1
49374	DDD,O,P'-,WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	1	1	0	0	1	1
49375	DDD,P,P'-,WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	1	1	0	0	1	1
49376	DDT,P,P',WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	1	1	0	0	1	1
49377	DDT,O,P',WET WT,TISSUE,WHOLE ORG,RECV UG/KG	1	1	0	0	1	1
49378	DCPA,WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	1	1	0	0	1	1
49379	CHLORDANE,TRANS-,WET WT,TISS,WHOLE ORG,RECV UG/KG	1	1	0	0	1	1
49380	CHLORDANE,CIS-,WET WEIGHT,TISS,WHOLE ORG,RECVUG/KG	1	1	0	0	1	1
49381	DIBUTYLPHTHALATE,DRY WEIGHT,SED,SIEVE	1	1	0	0	1	1
49382	DIOCTYLPHTHALATE,DRY WEIGHT,SED,SIEVE	1	1	0	0	1	1
49383	DIETHYLPHTHALATE,DRY WEIGHT,SED,SIEVE	1	1	0	0	1	1
49384	DIMETHYLPHTHALATE,DRY WEIGHT,SED,SIEVE	1	1	0	0	1	1
49387	PYRENE,DRY WEIGHT,SED,SIEVE	1	1	0	0	1	1
49388	METHYLPYRENE,DRY WEIGHT,SED,SIEVE	1	1	0	0	1	1
49389	METHYLBENZO(A)PYRENE,DRY WT,SED,SIEVE	1	1	0	0	1	1
49390	METHYLINDENO(1,2,3-CD)PYRENE,DRY WT,SEV	1	1	0	0	1	1
49391	BIQUINOLINE,2,2'-,DRY WT,SED,SIEVE	1	1	0	0	1	1
49392	QUINOLINE,DRY WEIGHT,SEDIMENT,SIEVE	1	1	0	0	1	1
49393	PHENANTHRIDINE,DRY WEIGHT,SED,SIEVE	1	1	0	0	1	1
49394	ISOQUINOLINE,DRY WEIGHT,SED,SIEVE	1	1	0	0	1	1
49395	TOLUENE, 2,4-DINITRO-,DRY WEIGHT,SIEVE	1	1	0	0	1	1
49396	TOLUENE, 2,6-DINITRO-,DRY WEIGHT,SIEVE	1	1	0	0	1	1
49397	BENZO(K)FLUORANTHENE,DRY WEIGHT,SIEVE	1	1	0	0	1	1
49398	METHYL-9H-FLUORENE,DRY WEIGHT,SIEVE	1	1	0	0	1	1
49399	FLUORENE,9H-,DRY WEIGHT,SIEVE	1	1	0	0	1	1
49400	ISOPHORONE,DRY WEIGHT,SIEVE	1	1	0	0	1	1
49401	METHANE, BIS(2-CHLOROETHOXY),DRY WT,SEV	1	1	0	0	1	1
49402	NAPHTHALENE, DRY WEIGHT, SIEVE	1	1	0	0	1	1
49403	NAPHTHALENE, 1,2-DIMETHYL-,DRY WT,SIEVE	1	1	0	0	1	1
49404	NAPHTHALENE, 1,6-DIMETHYL-,DRY WT,SIEVE	1	1	0	0	1	1
49405	NAPHTHALENE, 2,3,6-TRIMETHYL-,DRY WT,SEV	1	1	0	0	1	1
49406	NAPHTHALENE, 2,6-DIMETHYL-,DRY WT,SIEVE	1	1	0	0	1	1

Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Parameter Code	Name	Total Obs	01/01/85 to 11/12/98	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
49407	NAPHTHALENE, 2-CHLORO-,DRY WT,SIEVE	1	1	0	0	1	1
49408	BENZO(G,H,I)PERYLENE,DRY WEIGHT,SIEVE	1	1	0	0	1	1
49409	PHENANTHRENE,DRY WEIGHT,SIEVE	1	1	0	0	1	1
49410	METHYLPHENANTHRENE,DRY WT,SIEVE	1	1	0	0	1	1
49411	CYCLOPENTA(DEF)PHENANTHRENE, 4H-,DRY WT,SEV	1	1	0	0	1	1
49413	PHENOL,DRY WEIGHT,SEDIMENT,SIEVE	1	1	0	0	1	1
49421	XYLENOL, 3,5-,DRY WEIGHT,SIEVE	1	1	0	0	1	1
49422	M-CRESOL, 4-CHLORO-,DRY WEIGHT,SED,SIEVE	1	1	0	0	1	1
49424	PHENOL, C8-ALKYL-,DRY WEIGHT,SED,SIEVE	1	1	0	0	1	1
49426	PHTHALATE, BIS(2-ETHYLHEXYL)-,DRY WT,SEV	1	1	0	0	1	1
49427	PHTHALATE, BUTYL BENZYL, DRY WT,SED,SEV	1	1	0	0	1	1
49428	ACENAPHTHYLENE,DRY WEIGHT,SED,SIEVE	1	1	0	0	1	1
49429	ACENAPHTHENE,DRY WEIGHT,SED,SIEVE	1	1	0	0	1	1
49430	ACRIDINE,DRY WEIGHT,SED,SIEVE	1	1	0	0	1	1
49431	N-NITROSO-DIPROPYLAMINE,DRY WT,SED,SIEVE	1	1	0	0	1	1
49433	N-NITROSO-DIPHENYLAMINE,DRY WT,SED,SEV	1	1	0	0	1	1
49434	ANTHRACENE,DRY WEIGHT,SED,SIEVE	1	1	0	0	1	1
49435	ANTHRACENE, 2-METHYL-,DRY WEIGHT,SED,SEV	1	1	0	0	1	1
49436	BENZ(A)ANTHRACENE,DRY WEIGHT,SED,SIEVE	1	1	0	0	1	1
49437	ANTHRAQUINONE, 9, 10-,DRY WT,SED,SIEVE	1	1	0	0	1	1
49438	BENZENE, 1,2,4-TRICHLORO-,DRY WT,SED,SEV	1	1	0	0	1	1
49439	BENZENE, O-DICHLORO-,SED,SIEVE	1	1	0	0	1	1
49441	BENZENE, M-DICHLORO-,DRY WT,SED,SIEVE	1	1	0	0	1	1
49442	BENZENE, P-DICHLORO-,DRY WT,SED,SIEVE	1	1	0	0	1	1
49443	AZOBENZENE,DRY WT,SED,SIEVE	1	1	0	0	1	1
49444	BENZENE, NITRO-,DRY WT,SED,SIEVE	1	1	0	0	1	1
49446	BENZENE,PENTACHLORONITRO-,DRY WT,SIEVE	1	1	0	0	1	1
49449	CARBAZOLE,DRY WEIGHT,SEDIMENT,SIEVE	1	1	0	0	1	1
49450	CHRYSENE,DRY WEIGHT,SEDIMENT,SIEVE	1	1	0	0	1	1
49451	P-CRESOL,DRY WEIGHT,SEDIMENT,SIEVE	1	1	0	0	1	1
49452	DIBENZOTHIOPHENE,DRY WEIGHT,SED,SIEVE	1	1	0	0	1	1
49454	BROMOPHENYL, 4-PHENYL ETHER,SED,SIEVE	1	1	0	0	1	1
49455	CHLOROPHENYL,4-PHENYL ETHER,SED,SIEVE	1	1	0	0	1	1
49458	BENZO(B)FLUORANTHENE,DRY WT,SIEVE	1	1	0	0	1	1
49459	PCB,DRY WEIGHT,BED MATERIAL,SIEVE	1	1	0	0	1	1
49460	PENTACHLOROANISOLE,DRY WT,BED MAT,SIEVE	1	1	0	0	1	1
49461	DIBENZ(A,H)ANTHRACENE,DRY WT,SIEVE	1	1	0	0	1	1
49465	VANADIUM,BIOTA,TISSUE,LIVER,DRY WEIGHT,RECV UG/G	1	1	0	0	1	1
49466	FLUORANTHENE,SED,BED MAT,WET SIEV	1	1	0	0	1	1
49467	PHENOL, O-CHLORO,SED,BED MAT,WETSEV	1	1	0	0	1	1
49468	BENZO(C)CINNOLINE,SED,BED MAT,WETSEV	1	1	0	0	1	1
49490	VISUAL OBSERVATION, SUSPENDED, WATER CODE	1	1	0	0	1	1
50050	FLOW, IN CONDUIT OR THRU A TREATMENT PLANT MGD	50	0	3	47	8	3
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	4	0	1	3	4	2
50080	BOD, PLANT INFLUENT, 5 DAY, 20 DEG C MG/L	21	0	0	21	2	0
50084	BOD, PLANT EFFLUENT, 5 DAY, 20 DEG C MG/L	39	0	0	39	7	3
50786	ORTHOPHOSPHATE AS P, WATER MG/L	35	35	0	0	3	2
50790	OXYGEN-18, (DELTA UNITS - PARTS PER THOUSAND)	88	88	0	0	18	18
50887	STD PLATE COUNT,PLATE COUNT AGAR, 35C 48HR #/100G	4	0	4	0	2	2
60050	ALGAE, TOTAL (CELLS/ML)	113	13	81	19	12	0
60100	ALGAE, COCCOID BLUE-GREEN (CELLS/ML)	3	0	0	3	2	0
60200	ALGAE, COCCOID GREEN (CELLS/ML)	10	0	0	10	6	0
60300	ALGAE, FLAGELLATE GREEN (CELLS/ML)	11	0	0	11	6	0
60350	ALGAE, FLAGELLATE OTHER (CELLS/ML)	10	0	0	10	6	0
60370	ALGAE, DIATOMS (CELLS/ML)	16	0	0	16	8	0
61214	FECAL STREPTOCOCCI, GENERAL #/100ML	81	0	81	0	9	8
61215	FECAL COLIFORM, GENERAL #/100ML	79	0	79	0	9	8
61229	GIARDIA CYSTS IN SURFACE WATER CATEGORIES/100L	18	18	0	0	15	15
61731	E.COLI,MULTI-TUBE,MPN,MUG COLINIES/100ML	34	0	0	34	4	4
61732	GIARDIA, FILTRATION CYSTS/100 GAL	53	18	35	0	23	23
61765	ANC (ACID NEUTRALIZING CAPABILITY) UEG/L	36	36	0	0	7	6
70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	29	29	0	0	29	23
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	586	409	119	58	22	7
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	202	5	148	49	26	14
70302	SOLIDS, DISSOLVED-TONS PER DAY	167	4	145	18	4	0
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	199	1	149	49	27	14
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	15	15	0	0	1	1
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	131	131	0	0	9	3
70953	CHLOROPHYLL-A,PHYTOPLANKTON UG/L,CHROMO-FLUORO	104	104	0	0	2	0
70954	CHLOROPHYLL-B,PHYTOPLANKTON UG/L,CHROMO-FLUORO	103	103	0	0	2	0
70975	TEMPERATURE, WATER,DAILY MINIMUM DEG C	126	14	112	0	15	14

Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Parameter Code	Name	Total Obs	01/01/85 to 11/12/98	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
70976	TEMPERATURE, WATER,DAILY MAXIMUM DEG C	126	14	112	0	15	14
71825	ACIDITY, TOTAL (MG/L AS H)	788	762	26	0	33	32
71830	HYDROXIDE ION (MG/L AS OH)	37	37	0	0	4	4
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	20	0	20	0	1	0
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	2843	2190	653	0	193	190
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	4018	3151	862	5	232	219
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	76	0	76	0	5	1
71870	BROMIDE (MG/L AS BR)	1190	995	195	0	71	65
71885	IRON (UG/L AS FE)	29	29	0	0	29	23
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	163	10	153	0	4	0
71887	NITROGEN, TOTAL, AS NO3 - MG/L	102	0	86	16	6	0
71890	MERCURY, DISSOLVED (UG/L AS HG)	39	13	10	16	11	1
71900	MERCURY, TOTAL (UG/L AS HG)	20	12	8	0	7	0
72000	ELEVATION OF LAND SURFACE DATUM (FT. ABOVE MSL)	28	1	0	27	2	0
72015	DEPTH TO TOP OF SAMPLE INTERVAL (FT BELOW LSD)	274	166	108	0	21	21
72019	DEPTH TO WATER LEVEL (FEET BELOW LAND SURFACE)	20	20	0	0	9	8
72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	29	29	0	0	29	23
72025	DEPTH OF POND OR RESERVOIR IN FEET	13	0	10	3	8	0
72027	AZIMUTH FROM OUTLET (DEGREES)	3	0	0	3	3	0
72029	DISTANCE FROM SOUTHERNMOST POINT (FEET)	3	0	0	3	3	0
72104	SAMPLE LOCATION, DISTANCE DOWNSTREAM (FEET)	23	23	0	0	2	2
72105	SAMPLE LOCATION, DISTANCE UPSTREAM (FEET)	8	8	0	0	2	2
74010	IRON, TOTAL (MG/L AS FE)	55	53	2	0	7	7
75038	POTASSIUM 40, TOTAL	3	0	3	0	3	1
79830	ENVIRONMENTAL CONDITION CODE (1,2, OR 3)	1	1	0	0	1	1
79831	DIVERSITY INDEX (0 LEAST; 4 GREATEST)	1	1	0	0	1	1
80030	ALPHA,DISSOLVED GROSS,AS URANIUM-NATURAL,UG/L	3	0	3	0	3	1
80050	BETA,DISSOLVED GROSS,AS SR-Y-90, PC/L	3	0	3	0	3	1
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	69	42	0	27	3	2
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	122	0	95	27	8	0
80225	BEDLOAD SEDIMENT DISCHARGE (TONS/DAY)	26	0	26	0	3	0
81024	DRAINAGE AREA IN SQUARE MILES (SQ. MI.)	30	30	0	0	30	23
82047	DEPTH TO THE TOP OF THE SAMPLING INTERVAL (METERS)	29	29	0	0	29	23
82068	POTASSIUM 40, DISSOLVED, K-40 PC/LITER	14	0	14	0	2	0
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	29	29	0	0	29	23
82086	SULFUR-34/SULFUR-32 STABLE ISOTOPE RATIO PER MIL	18	18	0	0	4	4
82398	SAMPLING METHOD (CODES)	962	786	176	0	36	33
84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	69	56	7	6	36	28
84001	AQUIFER NAME CODE (SEE USGS CATALOG)	72	59	7	6	37	29
85209	ALGAL GROWTH POTENTIAL, FILTERED (MG/L)	78	13	65	0	2	0

Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0003	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/28/87-10/06/87	0	6	
ROMO0004	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/01/87-10/01/87	0	2	
ROMO0011	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/13/90-09/13/90	0	24	
ROMO0013	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/29/69-09/06/69	0	6	
ROMO0019	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/13/90-09/13/90	0	20	
ROMO0020	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/21/90-08/21/90	0	30	
ROMO0022	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/29/69-09/06/69	0	13	
ROMO0023	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/29/69-09/06/69	0	10	
ROMO0026	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/13/90-09/13/90	0	15	
ROMO0028	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/13/90-09/13/90	0	16	
ROMO0034	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/27/55-10/01/96	41	1056	
ROMO0036	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/29/69-09/02/69	0	4	
ROMO0037	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/29/69-09/02/69	0	2	
ROMO0038	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/29/69-09/02/69	0	4	
ROMO0063	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/22/73-10/02/96	23	346	
ROMO0064	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/26/75-10/10/75	0	8	
ROMO0075	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/26/75-10/10/75	0	6	
ROMO0076	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/18/87-08/18/87	0	4	
ROMO0082	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/21/87-10/01/87	0	14	
ROMO0111	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/31/76-08/31/76	0	1	
ROMO0114	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/29/69-09/02/69	0	4	
ROMO0115	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/29/69-09/05/69	0	7	
ROMO0116	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/29/69-09/05/69	0	5	
ROMO0117	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/29/69-09/03/69	0	4	
ROMO0131	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/14/90-09/14/90	0	26	
ROMO0132	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/26/75-10/10/75	0	16	
ROMO0133	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/21/90-09/14/90	0	21	
ROMO0134	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/28/69-09/06/69	0	19	
ROMO0136	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/26/75-10/10/75	0	12	
ROMO0137	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/09/87-10/21/87	0	18	
ROMO0138	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/22/73-06/04/75	1	18	
ROMO0141	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/02/92-09/27/93	1	4	
ROMO0142	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/02/92-09/27/93	1	4	
ROMO0143	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/26/75-10/10/75	0	4	
ROMO0146	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/31/60-09/05/69	9	13	
ROMO0147	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/28/69-09/06/69	0	14	
ROMO0148	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/28/69-09/06/69	0	16	
ROMO0151	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/20/90-08/20/90	0	21	
ROMO0171	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/23/87-09/18/89	1	32	
ROMO0173	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/24/87-07/24/87	0	4	
ROMO0176	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/04/76-07/08/76	0	2	
ROMO0226	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/16/83-04/16/83	0	1	
ROMO0228	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/16/83-04/16/83	0	1	
ROMO0230	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/83-04/16/83	0	2	
ROMO0251	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/16/83-04/16/83	0	1	
ROMO0253	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/16/83-04/16/83	0	1	
ROMO0255	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/83-04/16/83	0	2	
ROMO0309	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/27/87-10/27/87	0	2	
ROMO0317	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/04/83-04/04/83	0	1	
ROMO0318	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/04/83-04/25/83	0	2	
ROMO0319	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/04/83-04/04/83	0	1	
ROMO0321	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/04/83-11/20/85	2	2	
ROMO0323	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/27/87-10/27/87	0	2	
ROMO0347	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/21/87-07/21/87	0	2	
ROMO0363	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/12/87-09/18/89	2	40	
ROMO0373	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/17/87-11/10/87	0	24	
ROMO0407	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/31/87-08/31/87	0	2	
ROMO0430	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/21/87-07/21/87	0	4	
ROMO0463	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/12/78-07/21/78	0	5	
ROMO0472	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/05/87-11/10/87	0	28	
ROMO0475	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/18/75-10/18/75	0	1	
ROMO0508	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/09/87-07/17/87	0	6	
ROMO0530	Yes	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/27/87-10/27/87	0	2	
ROMO0665	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	05/20/76-08/24/76	0	4	
ROMO0667	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	06/30/77-07/21/77	0	4	
ROMO0034	No	00004	STREAM WIDTH (FEET)	05/26/93-05/26/93	0	1	
ROMO0111	No	00004	STREAM WIDTH (FEET)	08/31/76-08/31/76	0	1	
ROMO0176	No	00004	STREAM WIDTH (FEET)	06/04/76-07/08/76	0	2	
ROMO0404	Yes	00004	STREAM WIDTH (FEET)	01/26/95-03/17/97	2	29	
ROMO0447	Yes	00004	STREAM WIDTH (FEET)	10/04/95-07/15/96	0	11	
ROMO0463	No	00004	STREAM WIDTH (FEET)	06/12/78-10/05/79	1	55	
ROMO0649	Yes	00004	STREAM WIDTH (FEET)	08/25/90-08/25/90	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0665	No	00004	STREAM WIDTH (FEET)	05/20/76-08/24/76	0	4	
ROMO0667	No	00004	STREAM WIDTH (FEET)	06/30/77-07/21/77	0	4	
ROMO0683	No	00004	STREAM WIDTH (FEET)	06/11/79-07/31/79	0	6	
ROMO0064	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	08/26/75-10/10/75	0	8	
ROMO0068	Yes	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	08/14/75-08/14/75	0	1	
ROMO0075	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	08/26/75-10/10/75	0	6	
ROMO0132	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	08/26/75-10/10/75	0	16	
ROMO0136	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	08/26/75-10/10/75	0	12	
ROMO0143	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	08/26/75-10/10/75	0	4	
ROMO0034	No	00009	X-SEC. LOC.(FT FROM LEFT BANK LOOKING DOWNSTRM)	07/21/94-08/30/95	1	2	
ROMO0001	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/15/85-09/15/85	0	1	
ROMO0002	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/21/76-09/21/76	0	1	
ROMO0003	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/28/87-10/06/87	0	3	
ROMO0004	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/01/87-10/01/87	0	1	
ROMO0005	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/06/85-10/06/85	0	1	
ROMO0006	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/14/55-11/11/56	1	4	
ROMO0007	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/14/55-11/07/55	0	2	
ROMO0008	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/21/76-09/21/76	0	1	
ROMO0009	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/07/66-10/21/66	0	2	
ROMO0010	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/16/76-09/16/76	0	1	
ROMO0011	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/13/90-09/13/90	0	24	
ROMO0012	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/16/76-09/16/76	0	1	
ROMO0013	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/29/69-09/06/69	0	6	
ROMO0014	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/16/76-09/16/76	0	1	
ROMO0015	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/15/85-09/15/85	0	1	
ROMO0016	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/09/71-12/09/71	0	1	
ROMO0017	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/12/56-08/17/82	25	121	
ROMO0018	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/12/85-09/12/85	0	1	
ROMO0019	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/13/90-09/13/90	0	20	
ROMO0020	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/21/90-08/21/90	0	30	
ROMO0021	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/23/76-09/23/76	0	1	
ROMO0022	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/29/69-09/06/69	0	13	
ROMO0023	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/29/69-09/06/69	0	10	
ROMO0024	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/30/96-09/09/97	0	5	
ROMO0025	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/02/85-10/02/85	0	1	
ROMO0026	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/13/90-09/13/90	0	15	
ROMO0028	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/13/90-09/13/90	0	16	
ROMO0029	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/20/76-09/20/76	0	1	
ROMO0030	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/28/96-07/28/96	0	1	
ROMO0032	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/30/87-09/30/87	0	1	
ROMO0033	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/20/76-09/20/76	0	1	
ROMO0034	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/27/55-10/01/96	41	1012	
ROMO0035	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/85-10/04/85	0	1	
ROMO0036	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/29/69-09/02/69	0	4	
ROMO0037	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/29/69-09/02/69	0	2	
ROMO0038	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/29/69-09/02/69	0	4	
ROMO0041	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/18/76-09/18/76	0	1	
ROMO0042	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/22/76-09/22/76	0	1	
ROMO0043	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/23/76-09/23/76	0	1	
ROMO0044	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/15/55-11/08/55	0	2	
ROMO0045	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/14/55-11/06/55	0	2	
ROMO0046	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/85-10/04/85	0	1	
ROMO0047	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/06/75-07/06/76	0	2	
ROMO0048	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/23/76-09/23/76	0	1	
ROMO0049	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/18/76-09/18/76	0	1	
ROMO0050	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/05/76-07/05/76	0	1	
ROMO0051	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/18/76-09/18/76	0	1	
ROMO0052	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/18/76-09/18/76	0	1	
ROMO0053	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/23/76-09/23/76	0	1	
ROMO0056	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/06/76-07/06/76	0	1	
ROMO0057	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/18/76-09/18/76	0	1	
ROMO0058	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/23/76-09/23/76	0	1	
ROMO0059	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/02/51-04/26/57	5	4	
ROMO0060	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/24/70-03/05/97	26	164	
ROMO0063	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/22/73-10/02/96	23	345	
ROMO0064	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/26/75-10/10/75	0	8	
ROMO0065	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/18/76-09/18/76	0	1	
ROMO0068	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/14/75-08/14/75	0	1	
ROMO0070	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/10/85-10/10/85	0	1	
ROMO0071	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/02/85-10/02/85	0	1	
ROMO0072	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/22/76-09/22/76	0	1	
ROMO0073	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/30/76-06/30/76	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0075	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/26/75-10/10/75	0	6	
ROMO0076	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/18/87-08/18/87	0	2	
ROMO0077	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/18/76-09/18/76	0	1	
ROMO0079	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/18/76-09/18/76	0	1	
ROMO0080	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/18/76-09/18/76	0	1	
ROMO0081	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/03/75-10/03/75	0	1	
ROMO0082	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/21/87-10/01/87	0	7	
ROMO0084	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/07/66-11/08/66	0	3	
ROMO0087	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/22/86-07/02/96	9	110	
ROMO0088	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/85-10/04/85	0	1	
ROMO0089	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/10/56-10/09/86	29	181	
ROMO0095	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/02/85-10/02/85	0	1	
ROMO0098	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/23/76-09/23/76	0	1	
ROMO0107	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/02/85-10/02/85	0	1	
ROMO0108	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/29/76-09/29/76	0	1	
ROMO0110	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/27/73-11/27/73	0	1	
ROMO0111	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/26/76-09/20/76	0	9	
ROMO0114	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/29/69-09/02/69	0	3	
ROMO0115	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/29/69-09/05/69	0	6	
ROMO0116	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/29/69-09/05/69	0	4	
ROMO0117	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/29/69-09/03/69	0	4	
ROMO0121	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/21/76-09/21/76	0	1	
ROMO0126	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/01/96-10/08/96	0	4747	
ROMO0129	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/23/76-09/23/76	0	1	
ROMO0130	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/08/74-07/08/74	0	1	
ROMO0131	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/14/90-09/14/90	0	26	
ROMO0132	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/26/75-10/10/75	0	16	
ROMO0133	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/21/90-09/14/90	0	21	
ROMO0134	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/28/69-09/06/69	0	19	
ROMO0135	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/10/85-10/10/85	0	1	
ROMO0136	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/26/75-10/10/75	0	12	
ROMO0137	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/09/87-10/21/87	0	5	
ROMO0138	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/22/73-06/04/75	1	18	
ROMO0143	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/26/75-10/10/75	0	4	
ROMO0146	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/31/60-09/05/69	9	8	
ROMO0147	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/28/69-09/06/69	0	12	
ROMO0148	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/28/69-09/06/69	0	16	
ROMO0149	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/21/76-09/21/76	0	1	
ROMO0150	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/02/76-07/02/76	0	1	
ROMO0151	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/20/90-08/20/90	0	21	
ROMO0152	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/07/66-09/07/66	0	1	
ROMO0155	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/29/76-06/29/76	0	1	
ROMO0158	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/23/76-09/23/76	0	1	
ROMO0159	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/02/85-10/02/85	0	1	
ROMO0161	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/21/76-09/21/76	0	1	
ROMO0162	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/21/76-09/21/76	0	1	
ROMO0163	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/02/85-10/02/85	0	1	
ROMO0164	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	0	1	
ROMO0165	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/29/76-09/29/76	0	1	
ROMO0166	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/23/76-09/23/76	0	1	
ROMO0167	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/21/78-08/21/79	1	2	
ROMO0168	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/27/74-08/27/74	0	1	
ROMO0169	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/21/78-06/21/78	0	1	
ROMO0170	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	0	1	
ROMO0171	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/23/87-09/18/89	1	15	
ROMO0172	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/02/96-08/13/96	0	2	
ROMO0173	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/24/87-07/24/87	0	2	
ROMO0176	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/26/76-09/20/76	0	9	
ROMO0180	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/27/74-08/27/74	0	1	
ROMO0182	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	0	1	
ROMO0183	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	0	1	
ROMO0185	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/10/85-10/10/85	0	1	
ROMO0186	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	0	1	
ROMO0188	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/23/76-09/23/76	0	1	
ROMO0191	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/23/69-09/23/69	0	1	
ROMO0192	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/23/69-09/23/69	0	1	
ROMO0193	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/11/74-09/11/74	0	1	
ROMO0194	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/05/78-08/21/79	1	2	
ROMO0195	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	0	1	
ROMO0196	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	0	1	
ROMO0197	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/02/96-07/02/96	0	1	
ROMO0198	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0199	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/29/82-08/29/82	0	1	
ROMO0200	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	0	1	
ROMO0201	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/23/76-09/23/76	0	1	
ROMO0203	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	0	1	
ROMO0204	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/23/76-09/23/76	0	1	
ROMO0205	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	0	1	
ROMO0213	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/21/76-09/21/76	0	1	
ROMO0214	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/96-07/31/96	0	1	
ROMO0215	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/28/74-09/11/74	0	2	
ROMO0217	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	0	1	
ROMO0218	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/14/82-10/07/97	15	45	
ROMO0219	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/17/91-10/07/97	6	10	
ROMO0220	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/23/76-09/23/76	0	1	
ROMO0221	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/20/82-08/24/88	6	62	
ROMO0222	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/20/82-04/17/97	14	72	
ROMO0223	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/20/82-04/17/97	14	71	
ROMO0227	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/26/88-09/17/91	3	2	
ROMO0229	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/17/91-09/17/91	0	1	
ROMO0230	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/12/84-08/14/84	0	2	
ROMO0232	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/21/76-09/21/76	0	1	
ROMO0234	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/20/82-10/07/97	15	51	
ROMO0235	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	0	1	
ROMO0239	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	0	1	
ROMO0240	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/29/82-10/10/84	2	11	
ROMO0241	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/21/76-09/21/76	0	1	
ROMO0243	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/03/82-08/24/88	6	45	
ROMO0244	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/03/82-05/29/84	1	19	
ROMO0245	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/03/82-12/03/88	6	56	
ROMO0248	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/24/76-09/24/76	0	1	
ROMO0256	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/28/82-10/07/97	15	47	
ROMO0257	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	0	1	
ROMO0261	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/03/81-08/29/82	1	14	
ROMO0267	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	0	1	
ROMO0268	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/01/94-11/12/98	4	37	
ROMO0273	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/15/96-08/06/96	0	2	
ROMO0276	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/05/88-10/15/88	0	6	
ROMO0279	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	0	1	
ROMO0286	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/05/83-10/07/97	14	46	
ROMO0287	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/08/82-10/21/82	0	7	
ROMO0288	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	0	1	
ROMO0290	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	0	1	
ROMO0291	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/21/88-07/29/97	9	4	
ROMO0292	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	0	1	
ROMO0294	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/10/85-10/10/85	0	1	
ROMO0295	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	0	1	
ROMO0296	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	0	1	
ROMO0297	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/96-08/06/96	0	1	
ROMO0298	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	0	2	
ROMO0299	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/05/88-10/15/88	0	6	
ROMO0302	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/94-11/12/98	4	45	
ROMO0307	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	0	1	
ROMO0308	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/02/82-10/07/97	15	111	
ROMO0309	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/27/87-10/27/87	0	1	
ROMO0310	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	0	1	
ROMO0311	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	0	1	
ROMO0313	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/02/82-11/13/88	6	70	
ROMO0314	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/02/82-12/05/95	13	81	
ROMO0315	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/02/82-12/23/97	15	92	
ROMO0316	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/24/82-10/21/82	0	4	
ROMO0320	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/02/88-09/17/91	3	4	
ROMO0322	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/10/85-10/10/85	0	1	
ROMO0323	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/27/87-10/27/87	0	1	
ROMO0325	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/02/82-12/30/97	15	429	
ROMO0326	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	0	1	
ROMO0328	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/10/83-10/07/97	14	44	
ROMO0329	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/23/76-09/23/76	0	1	
ROMO0330	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/03/81-08/16/82	1	13	
ROMO0331	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	0	1	
ROMO0332	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	0	1	
ROMO0333	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	0	1	
ROMO0334	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/12/82-07/16/97	14	6	
ROMO0335	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/13/82-08/10/83	0	2	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0336	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/13/82-07/13/88	5	5	
ROMO0337	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/13/82-07/13/88	5	5	
ROMO0338	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/10/85-10/10/85	0	1	
ROMO0340	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/03/81-08/24/82	1	13	
ROMO0344	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/85-10/04/85	0	1	
ROMO0347	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/21/87-07/21/87	0	1	
ROMO0351	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/20/74-08/20/74	0	1	
ROMO0352	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	0	1	
ROMO0353	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/13/82-08/10/83	0	2	
ROMO0354	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	0	2	
ROMO0355	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/23/76-09/23/76	0	1	
ROMO0357	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	0	1	
ROMO0358	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/01/82-07/16/97	15	7	
ROMO0359	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	0	1	
ROMO0360	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/13/82-08/10/83	0	2	
ROMO0361	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/13/82-09/12/91	8	7	
ROMO0362	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/01/82-08/30/94	12	9	
ROMO0363	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/12/87-09/18/89	2	20	
ROMO0367	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/21/76-09/21/76	0	1	
ROMO0373	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/17/87-11/10/87	0	12	
ROMO0374	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/85-10/04/85	0	1	
ROMO0376	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/06/88-10/08/88	0	7	
ROMO0378	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/03/81-08/24/82	1	14	
ROMO0383	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/23/76-09/23/76	0	1	
ROMO0384	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/24/68-10/16/70	2	18	
ROMO0389	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/23/76-09/23/76	0	1	
ROMO0395	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/06/88-10/08/88	0	6	
ROMO0401	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/05/69-09/23/69	0	2	
ROMO0403	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/23/76-09/23/76	0	1	
ROMO0404	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/10/56-03/17/97	40	257	
ROMO0407	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/31/87-08/31/87	0	1	
ROMO0409	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/21/76-09/21/76	0	1	
ROMO0410	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/70-03/10/97	26	255	
ROMO0412	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/23/76-09/23/76	0	1	
ROMO0417	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/21/76-09/21/76	0	1	
ROMO0421	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/21/76-09/21/76	0	1	
ROMO0425	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/24/76-09/24/76	0	1	
ROMO0427	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/28/98-05/28/98	0	3	
ROMO0428	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/21/76-09/21/76	0	1	
ROMO0430	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/21/87-07/21/87	0	2	
ROMO0432	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/12/68-10/16/70	2	16	
ROMO0433	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/19/66-08/24/66	0	3	
ROMO0435	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/85-10/04/85	0	1	
ROMO0439	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/26/82-08/16/82	0	14	
ROMO0441	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/15/74-08/29/74	0	2	
ROMO0442	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/21/81-08/24/81	0	16	
ROMO0443	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/21/81-08/24/81	0	16	
ROMO0445	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/14/76-09/27/76	0	2	
ROMO0446	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/03/96-07/03/96	0	1	
ROMO0447	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/95-07/15/96	1	21	
ROMO0449	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/21/76-09/21/76	0	1	
ROMO0450	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/21/76-09/28/76	0	2	
ROMO0451	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/05/95-06/12/95	0	2	
ROMO0452	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/24/76-09/24/76	0	1	
ROMO0453	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/24/76-09/24/76	0	1	
ROMO0454	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/23/76-09/23/76	0	1	
ROMO0455	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/21/81-08/24/81	0	16	
ROMO0456	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/03/96-07/03/96	0	1	
ROMO0457	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/23/76-09/23/76	0	1	
ROMO0458	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/21/76-09/21/76	0	1	
ROMO0459	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/05/74-08/05/74	0	1	
ROMO0460	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/30/96-09/09/97	0	4	
ROMO0461	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/14/66-08/24/66	0	4	
ROMO0462	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/23/76-09/23/76	0	1	
ROMO0465	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/24/76-09/24/76	0	1	
ROMO0466	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/85-10/04/85	0	1	
ROMO0467	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/12/68-10/16/70	2	19	
ROMO0469	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/08/77-03/16/83	5	3	
ROMO0470	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/70-03/10/97	26	228	
ROMO0471	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/22/76-09/22/76	0	1	
ROMO0472	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/05/87-11/10/87	0	14	
ROMO0473	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/24/69-08/02/74	4	14	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0474	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/09/72-09/15/83	11	87	
ROMO0475	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/75-10/18/75	0	1	
ROMO0476	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/23/65-08/28/65	0	6	
ROMO0477	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/13/58-09/15/83	25	137	
ROMO0479	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/14/66-08/24/66	0	3	
ROMO0480	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/23/65-08/28/65	0	6	
ROMO0481	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/08/66-08/25/66	0	21	
ROMO0482	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/23/76-09/23/76	0	1	
ROMO0484	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/28/74-09/11/74	0	2	
ROMO0485	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/96-07/31/96	0	1	
ROMO0486	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/12/85-09/12/85	0	1	
ROMO0487	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/20/76-09/20/76	0	1	
ROMO0488	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/23/76-09/23/76	0	1	
ROMO0489	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/23/65-08/28/65	0	6	
ROMO0490	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/06/85-10/06/85	0	1	
ROMO0491	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/22/76-09/22/76	0	1	
ROMO0492	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/24/76-09/24/76	0	1	
ROMO0493	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/23/76-09/23/76	0	1	
ROMO0494	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/96-07/31/96	0	1	
ROMO0495	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/23/76-09/23/76	0	1	
ROMO0496	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/24/76-09/24/76	0	1	
ROMO0497	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/22/76-09/22/76	0	1	
ROMO0498	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/23/76-09/23/76	0	1	
ROMO0499	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/19/66-08/24/66	0	2	
ROMO0500	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/23/65-08/28/65	0	6	
ROMO0501	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/13/66-08/24/66	0	4	
ROMO0502	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/23/76-09/23/76	0	1	
ROMO0503	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/13/66-08/24/66	0	4	
ROMO0504	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/28/96-06/28/96	0	1	
ROMO0505	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/22/76-09/22/76	0	1	
ROMO0506	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/21/81-08/24/81	0	16	
ROMO0507	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/26/82-08/16/82	0	14	
ROMO0508	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/09/87-07/17/87	0	3	
ROMO0509	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/03/85-07/21/87	2	9	
ROMO0511	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/06/85-06/23/87	2	7	
ROMO0512	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/21/81-08/24/81	0	16	
ROMO0513	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/05/74-08/05/74	0	1	
ROMO0515	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/22/76-09/22/76	0	1	
ROMO0516	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/23/76-09/23/76	0	1	
ROMO0517	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/03/85-06/23/87	2	8	
ROMO0518	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/18/74-07/18/74	0	1	
ROMO0520	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/24/96-06/24/96	0	1	
ROMO0522	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/24/76-09/24/76	0	1	
ROMO0523	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/03/85-06/23/87	2	8	
ROMO0525	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/27/74-08/27/74	0	1	
ROMO0526	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/03/85-07/21/87	2	9	
ROMO0527	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/20/76-09/20/76	0	1	
ROMO0528	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/18/74-07/18/74	0	1	
ROMO0529	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/03/85-07/21/87	2	9	
ROMO0530	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/27/87-10/27/87	0	1	
ROMO0531	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/22/76-09/22/76	0	1	
ROMO0532	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/23/76-09/23/76	0	1	
ROMO0534	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/24/76-09/24/76	0	1	
ROMO0536	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/22/76-09/22/76	0	1	
ROMO0537	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/10/74-08/27/74	0	2	
ROMO0539	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/28/96-06/28/96	0	1	
ROMO0541	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/24/76-09/24/76	0	1	
ROMO0542	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/21/81-08/24/81	0	16	
ROMO0543	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	0	2	
ROMO0546	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/24/76-09/24/76	0	1	
ROMO0547	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	0	1	
ROMO0548	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	0	1	
ROMO0550	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/23/76-09/23/76	0	1	
ROMO0551	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/20/76-09/20/76	0	1	
ROMO0552	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/24/76-09/24/76	0	1	
ROMO0560	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/23/76-09/23/76	0	1	
ROMO0562	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/24/76-09/24/76	0	1	
ROMO0564	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	0	1	
ROMO0565	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	0	1	
ROMO0566	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	0	1	
ROMO0567	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	0	1	
ROMO0568	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0569	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	0	1	
ROMO0572	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	0	1	
ROMO0573	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/85-10/04/85	0	1	
ROMO0574	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	0	1	
ROMO0576	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	0	1	
ROMO0577	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	0	1	
ROMO0578	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	0	1	
ROMO0579	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	0	1	
ROMO0580	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	0	2	
ROMO0582	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	0	1	
ROMO0583	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/22/76-09/22/76	0	1	
ROMO0584	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	0	1	
ROMO0585	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	0	1	
ROMO0586	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/24/76-09/24/76	0	1	
ROMO0587	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	0	1	
ROMO0588	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	0	1	
ROMO0589	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	0	1	
ROMO0590	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	0	1	
ROMO0591	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/06/85-10/06/85	0	1	
ROMO0592	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	0	1	
ROMO0593	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/24/76-09/24/76	0	1	
ROMO0594	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	0	1	
ROMO0595	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	0	1	
ROMO0596	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/20/76-09/20/76	0	1	
ROMO0597	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	0	1	
ROMO0598	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	0	1	
ROMO0599	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/20/76-09/20/76	0	1	
ROMO0600	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	0	1	
ROMO0601	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	0	1	
ROMO0602	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	0	1	
ROMO0603	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	0	1	
ROMO0604	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/20/76-09/20/76	0	1	
ROMO0605	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	0	1	
ROMO0606	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/24/76-09/24/76	0	1	
ROMO0607	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	0	1	
ROMO0609	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/24/76-09/24/76	0	1	
ROMO0610	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	0	1	
ROMO0611	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/14/71-07/16/74	3	6	
ROMO0612	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/24/76-09/24/76	0	1	
ROMO0613	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	0	1	
ROMO0617	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	0	1	
ROMO0618	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	0	1	
ROMO0620	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	0	1	
ROMO0621	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	0	1	
ROMO0622	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	0	1	
ROMO0623	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	0	1	
ROMO0624	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	0	1	
ROMO0626	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/24/76-09/24/76	0	1	
ROMO0627	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/23/76-09/23/76	0	1	
ROMO0628	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	0	1	
ROMO0629	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/24/76-09/24/76	0	1	
ROMO0630	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/24/76-09/24/76	0	1	
ROMO0637	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/24/76-09/24/76	0	1	
ROMO0638	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/30/73-10/02/96	23	189	
ROMO0642	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/22/76-09/22/76	0	1	
ROMO0644	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/26/83-09/13/97	14	5	
ROMO0651	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/26/83-08/25/90	7	2	
ROMO0653	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/15/82-08/25/90	7	4	
ROMO0654	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/15/82-08/03/88	5	6	
ROMO0655	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/15/82-08/03/88	5	6	
ROMO0659	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/31/91-08/31/91	0	1	
ROMO0660	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/16/82-08/31/91	8	4	
ROMO0661	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/16/82-08/03/88	5	6	
ROMO0662	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/16/82-09/13/97	14	9	
ROMO0663	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/16/82-07/25/83	0	3	
ROMO0664	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/22/76-09/22/76	0	1	
ROMO0665	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/20/76-09/23/76	0	8	
ROMO0668	Yes	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/85-10/04/85	0	1	
ROMO0669	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/22/76-09/22/76	0	1	
ROMO0670	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/31/73-10/17/78	5	21	
ROMO0671	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/11/85-09/11/85	0	1	
ROMO0672	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/14/68-06/06/73	4	25	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0676	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/20/76-09/20/76	0	1	
ROMO0677	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/20/76-09/20/76	0	1	
ROMO0679	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/05/76-09/03/76	0	9	
ROMO0680	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/20/76-09/20/76	0	1	
ROMO0683	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/11/79-07/31/79	0	6	
ROMO0483	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	12/17/71-04/02/92	20	106	T
ROMO0673	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/21/64-07/21/64	0	1	
ROMO0678	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/21/64-07/22/65	1	8	
ROMO0681	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/21/64-07/22/65	1	2	
ROMO0684	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/21/64-07/21/64	0	1	
ROMO0024	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/09/97-09/09/97	0	3	
ROMO0034	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/22/73-08/22/73	0	1	
ROMO0060	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/15/83-12/09/93	10	3	
ROMO0063	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/22/73-08/22/73	0	1	
ROMO0087	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/06/92-08/06/92	0	1	
ROMO0138	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/22/73-08/22/73	0	1	
ROMO0410	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/29/82-05/03/89	6	30	
ROMO0460	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/12/97-09/09/97	0	3	
ROMO0470	No	00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/20/83-07/31/86	3	29	
ROMO0024	No	00021	TEMPERATURE, AIR (DEGREES FAHRENHEIT)	09/30/96-03/20/97	0	2	
ROMO0087	No	00021	TEMPERATURE, AIR (DEGREES FAHRENHEIT)	08/06/92-08/06/92	0	1	
ROMO0460	No	00021	TEMPERATURE, AIR (DEGREES FAHRENHEIT)	09/30/96-09/30/96	0	1	
ROMO0483	No	00021	TEMPERATURE, AIR (DEGREES FAHRENHEIT)	01/24/79-04/02/92	13	71	
ROMO0034	No	00025	BAROMETRIC PRESSURE (MM OF HG)	06/27/84-07/22/93	9	43	
ROMO0060	No	00025	BAROMETRIC PRESSURE (MM OF HG)	08/25/83-12/11/96	13	80	
ROMO0063	No	00025	BAROMETRIC PRESSURE (MM OF HG)	05/30/91-07/23/93	2	37	
ROMO0087	No	00025	BAROMETRIC PRESSURE (MM OF HG)	08/06/92-08/06/92	0	1	
ROMO0404	Yes	00025	BAROMETRIC PRESSURE (MM OF HG)	01/26/95-03/17/97	2	27	
ROMO0410	No	00025	BAROMETRIC PRESSURE (MM OF HG)	10/05/82-03/10/97	14	113	
ROMO0447	Yes	00025	BAROMETRIC PRESSURE (MM OF HG)	12/14/95-07/15/96	0	9	
ROMO0470	No	00025	BAROMETRIC PRESSURE (MM OF HG)	04/20/83-03/10/97	13	82	
ROMO0003	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	08/28/87-10/06/87	0	6	
ROMO0004	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	10/01/87-10/01/87	0	2	
ROMO0006	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	05/21/91-09/22/92	1	9	
ROMO0017	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	10/01/81-08/17/82	0	9	
ROMO0034	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	09/27/55-10/01/96	41	1039	
ROMO0059	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	04/21/41-05/19/41	0	2	
ROMO0060	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	10/02/81-03/05/97	15	98	
ROMO0063	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	05/24/89-10/02/96	7	349	
ROMO0076	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	08/18/87-08/18/87	0	4	
ROMO0082	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	07/21/87-10/01/87	0	14	
ROMO0087	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	10/22/86-07/02/96	9	112	
ROMO0089	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	10/02/81-10/09/86	5	40	
ROMO0137	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	07/09/87-10/21/87	0	18	
ROMO0171	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	09/23/87-09/18/89	1	32	
ROMO0173	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	07/24/87-07/24/87	0	4	
ROMO0206	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	09/25/91-09/25/91	0	1	
ROMO0207	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	09/25/91-09/25/91	0	1	
ROMO0208	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	09/25/91-09/25/91	0	1	
ROMO0209	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	09/25/91-09/25/91	0	1	
ROMO0210	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	09/25/91-09/25/91	0	1	
ROMO0211	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	09/25/91-09/25/91	0	1	
ROMO0212	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	09/25/91-09/25/91	0	1	
ROMO0225	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	09/25/91-09/25/91	0	1	
ROMO0226	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	04/16/83-05/05/92	9	49	
ROMO0227	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	08/16/83-09/29/92	9	43	
ROMO0228	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	04/16/83-08/24/88	5	45	
ROMO0229	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	08/16/83-09/29/92	9	50	
ROMO0230	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	02/15/83-02/25/92	9	53	
ROMO0231	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	09/25/91-09/25/91	0	1	
ROMO0237	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	09/25/91-09/25/91	0	1	
ROMO0242	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	09/25/91-09/25/91	0	1	
ROMO0249	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	07/02/91-07/23/92	1	7	
ROMO0250	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	07/09/91-09/10/93	2	16	
ROMO0251	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	04/16/83-08/24/88	5	33	
ROMO0252	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	07/29/83-10/10/84	1	6	
ROMO0253	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	04/16/83-02/28/84	0	6	
ROMO0254	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	07/29/83-07/22/92	8	40	
ROMO0255	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	02/15/83-01/23/90	6	42	
ROMO0258	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	09/25/91-09/25/91	0	1	
ROMO0259	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	08/12/92-07/27/93	0	2	
ROMO0260	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	07/02/91-09/21/93	2	42	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0262	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	09/26/91-09/26/91	0	1	
ROMO0264	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	09/26/91-09/26/91	0	1	
ROMO0265	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	09/26/91-09/26/91	0	1	
ROMO0266	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	09/28/91-09/28/91	0	1	
ROMO0269	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	05/05/92-09/16/94	2	183	
ROMO0270	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	09/28/91-09/28/91	0	1	
ROMO0271	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	09/26/91-09/26/91	0	1	
ROMO0272	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	09/26/91-09/26/91	0	1	
ROMO0274	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	09/26/91-09/26/91	0	1	
ROMO0275	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	09/26/91-09/26/91	0	1	
ROMO0278	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	09/26/91-09/26/91	0	1	
ROMO0283	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	09/26/91-09/26/91	0	1	
ROMO0289	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	08/28/90-10/01/91	1	3	
ROMO0301	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	08/02/83-07/22/92	8	47	
ROMO0303	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	04/15/92-09/16/94	2	226	
ROMO0309	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	10/27/87-10/27/87	0	2	
ROMO0317	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	04/04/83-04/28/92	9	67	
ROMO0318	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	04/04/83-09/29/92	9	64	
ROMO0319	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	04/04/83-11/13/88	5	55	
ROMO0320	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	02/08/83-10/27/92	9	360	
ROMO0321	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	02/08/83-04/28/92	9	78	
ROMO0323	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	10/27/87-11/13/90	3	13	
ROMO0327	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	08/02/83-09/29/92	9	36	
ROMO0341	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	07/14/86-09/12/91	5	6	
ROMO0342	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	07/14/87-07/13/88	0	2	
ROMO0343	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	07/14/86-07/13/88	1	3	
ROMO0347	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	07/21/87-07/21/87	0	2	
ROMO0363	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	08/12/87-09/18/89	2	40	
ROMO0369	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	07/14/87-09/12/91	4	5	
ROMO0370	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	07/15/86-09/12/91	5	6	
ROMO0371	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	07/15/86-07/13/88	1	3	
ROMO0372	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	07/15/86-09/12/91	5	7	
ROMO0373	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	07/17/87-11/10/87	0	24	
ROMO0384	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	07/24/68-10/16/70	2	18	
ROMO0404	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	10/02/81-03/17/97	15	168	
ROMO0407	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	08/31/87-08/31/87	0	2	
ROMO0410	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	10/08/81-03/10/97	15	126	
ROMO0430	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	07/21/87-08/08/89	2	7	
ROMO0432	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	04/12/68-10/16/70	2	16	
ROMO0447	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	01/04/95-08/20/96	1	23	
ROMO0451	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	01/04/95-06/12/95	0	3	
ROMO0467	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	04/12/68-10/16/70	2	19	
ROMO0470	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	09/02/70-03/10/97	26	235	
ROMO0472	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	07/05/87-11/10/87	0	28	
ROMO0474	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	05/09/72-09/15/83	11	54	
ROMO0475	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	10/18/75-10/18/75	0	1	
ROMO0477	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	10/04/52-09/15/83	30	119	
ROMO0508	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	07/09/87-07/17/87	0	6	
ROMO0530	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	10/27/87-10/27/87	0	2	
ROMO0638	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	08/30/73-10/02/96	23	172	
ROMO0646	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	08/11/87-08/03/88	0	2	
ROMO0647	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	08/06/86-08/31/91	5	8	
ROMO0648	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	08/11/87-09/01/89	2	3	
ROMO0649	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	08/25/90-08/31/91	1	2	
ROMO0657	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	08/06/86-08/03/88	1	3	
ROMO0658	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	08/06/86-09/01/89	3	5	
ROMO0659	Yes	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	08/25/90-08/31/91	1	2	
ROMO0670	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	08/31/73-10/17/78	5	21	
ROMO0672	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	08/14/68-06/06/73	4	25	
ROMO0003	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	08/28/87-10/06/87	0	6	
ROMO0004	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	10/01/87-10/01/87	0	2	
ROMO0006	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	05/21/91-09/22/92	1	9	
ROMO0017	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	10/01/81-08/17/82	0	9	
ROMO0034	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	09/27/55-10/01/96	41	1045	
ROMO0059	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	04/21/41-05/19/41	0	2	
ROMO0060	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	09/20/78-03/05/97	18	123	
ROMO0063	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	05/24/89-10/02/96	7	348	
ROMO0076	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	08/18/87-08/18/87	0	4	
ROMO0082	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	07/21/87-10/01/87	0	14	
ROMO0087	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	10/22/86-07/02/96	9	112	
ROMO0089	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	10/02/81-10/09/86	5	40	
ROMO0137	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	07/09/87-10/21/87	0	18	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0171	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	09/23/87-09/18/89	1	32	
ROMO0173	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	07/24/87-07/24/87	0	4	
ROMO0206	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	09/25/91-09/25/91	0	1	
ROMO0207	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	09/25/91-09/25/91	0	1	
ROMO0208	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	09/25/91-09/25/91	0	1	
ROMO0209	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	09/25/91-09/25/91	0	1	
ROMO0210	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	09/25/91-09/25/91	0	1	
ROMO0211	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	09/25/91-09/25/91	0	1	
ROMO0212	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	09/25/91-09/25/91	0	1	
ROMO0225	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	09/25/91-09/25/91	0	1	
ROMO0226	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	04/16/83-05/05/92	9	49	
ROMO0227	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	08/16/83-09/29/92	9	43	
ROMO0228	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	04/16/83-08/24/88	5	45	
ROMO0229	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	08/16/83-09/29/92	9	50	
ROMO0230	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	02/15/83-02/25/92	9	53	
ROMO0231	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	09/25/91-09/25/91	0	1	
ROMO0237	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	09/25/91-09/25/91	0	1	
ROMO0242	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	09/25/91-09/25/91	0	1	
ROMO0249	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	07/02/91-07/23/92	1	7	
ROMO0250	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	07/09/91-09/10/93	2	16	
ROMO0251	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	04/16/83-08/24/88	5	33	
ROMO0252	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	07/29/83-10/10/84	1	6	
ROMO0253	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	04/16/83-02/28/84	0	6	
ROMO0254	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	07/29/83-07/22/92	8	40	
ROMO0255	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	02/15/83-01/23/90	6	42	
ROMO0258	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	09/25/91-09/25/91	0	1	
ROMO0259	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	08/12/92-07/27/93	0	2	
ROMO0260	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	07/02/91-09/21/93	2	42	
ROMO0262	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	09/26/91-09/26/91	0	1	
ROMO0264	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	09/26/91-09/26/91	0	1	
ROMO0265	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	09/26/91-09/26/91	0	1	
ROMO0266	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	09/28/91-09/28/91	0	1	
ROMO0269	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	05/05/92-09/16/94	2	183	
ROMO0270	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	09/28/91-09/28/91	0	1	
ROMO0271	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	09/26/91-09/26/91	0	1	
ROMO0272	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	09/26/91-09/26/91	0	1	
ROMO0274	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	09/26/91-09/26/91	0	1	
ROMO0275	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	09/26/91-09/26/91	0	1	
ROMO0278	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	09/26/91-09/26/91	0	1	
ROMO0283	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	09/26/91-09/26/91	0	1	
ROMO0289	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	08/28/90-10/01/91	1	3	
ROMO0301	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	08/02/83-07/22/92	8	47	
ROMO0303	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	04/15/92-09/16/94	2	226	
ROMO0309	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	10/27/87-10/27/87	0	2	
ROMO0317	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	04/04/83-04/28/92	9	67	
ROMO0318	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	04/04/83-09/29/92	9	64	
ROMO0319	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	04/04/83-11/13/88	5	55	
ROMO0320	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	02/08/83-10/27/92	9	360	
ROMO0321	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	02/08/83-04/28/92	9	78	
ROMO0323	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	10/27/87-11/13/90	3	13	
ROMO0327	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	08/02/83-09/29/92	9	36	
ROMO0341	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	07/14/86-09/12/91	5	6	
ROMO0342	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	07/14/87-07/13/88	0	2	
ROMO0343	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	07/14/86-07/13/88	1	3	
ROMO0347	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	07/21/87-07/21/87	0	2	
ROMO0363	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	08/12/87-09/18/89	2	40	
ROMO0369	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	07/14/87-09/12/91	4	5	
ROMO0370	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	07/15/86-09/12/91	5	6	
ROMO0371	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	07/15/86-07/13/88	1	3	
ROMO0372	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	07/15/86-09/12/91	5	7	
ROMO0373	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	07/17/87-11/10/87	0	24	
ROMO0384	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	07/24/68-10/16/70	2	18	
ROMO0404	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	10/02/81-03/17/97	15	168	
ROMO0407	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	08/31/87-08/31/87	0	2	
ROMO0410	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	07/20/78-03/10/97	18	161	
ROMO0430	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	07/21/87-08/08/89	2	7	
ROMO0432	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	04/12/68-10/16/70	2	16	
ROMO0447	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	01/04/95-08/20/96	1	23	
ROMO0451	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	01/04/95-06/12/95	0	3	
ROMO0467	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	04/12/68-10/16/70	2	19	
ROMO0470	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	09/02/70-03/10/97	26	235	
ROMO0472	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	07/05/87-11/10/87	0	28	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0474	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	05/09/72-09/15/83	11	54	
ROMO0475	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	10/18/75-10/18/75	0	1	
ROMO0477	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	10/04/52-09/15/83	30	119	
ROMO0508	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	07/09/87-07/17/87	0	6	
ROMO0530	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	10/27/87-10/27/87	0	2	
ROMO0638	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	08/30/73-10/02/96	23	172	
ROMO0646	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	08/11/87-08/03/88	0	2	
ROMO0647	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	08/06/86-08/31/91	5	8	
ROMO0648	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	08/11/87-09/01/89	2	3	
ROMO0649	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	08/25/90-08/31/91	1	2	
ROMO0657	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	08/06/86-08/03/88	1	3	
ROMO0658	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	08/06/86-09/01/89	3	5	
ROMO0659	Yes	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	08/25/90-08/31/91	1	2	
ROMO0670	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	08/31/73-10/17/78	5	21	
ROMO0672	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	08/14/68-06/06/73	4	25	
ROMO0410	No	00030	LIGHT, INCIDENT, SUNLIGHT RADIATION INTENSITY	05/03/89-05/03/89	0	1	
ROMO0141	No	00031	LIGHT,INCIDENT, PERCENT REMAING AT CERTAIN DEPTH	09/02/92-09/27/93	1	4	
ROMO0142	No	00031	LIGHT,INCIDENT, PERCENT REMAING AT CERTAIN DEPTH	09/02/92-09/27/93	1	4	
ROMO0034	No	00032	CLOUD COVER (PERCENT)	08/22/73-08/22/73	0	1	
ROMO0063	No	00032	CLOUD COVER (PERCENT)	08/22/73-08/22/73	0	1	
ROMO0138	No	00032	CLOUD COVER (PERCENT)	08/22/73-08/22/73	0	1	
ROMO0034	No	00041	WEATHER (WMO CODE 4501)	08/22/73-06/04/75	1	7	
ROMO0060	No	00041	WEATHER (WMO CODE 4501)	09/20/73-08/14/75	1	19	
ROMO0063	No	00041	WEATHER (WMO CODE 4501)	08/22/73-06/04/75	1	7	
ROMO0089	No	00041	WEATHER (WMO CODE 4501)	09/20/73-10/04/73	0	2	
ROMO0138	No	00041	WEATHER (WMO CODE 4501)	08/22/73-06/04/75	1	7	
ROMO0410	No	00041	WEATHER (WMO CODE 4501)	09/13/73-08/25/77	3	44	
ROMO0470	No	00041	WEATHER (WMO CODE 4501)	09/13/73-08/25/77	3	48	
ROMO0475	No	00041	WEATHER (WMO CODE 4501)	10/18/75-10/18/75	0	1	
ROMO0477	No	00041	WEATHER (WMO CODE 4501)	11/16/73-05/08/75	1	6	
ROMO0483	No	00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL	01/01/01-01/01/01	0	1	
ROMO0477	No	00049	SURFACE AREA IN SQUARE MILES	10/04/52-08/11/53	0	27	
ROMO0034	No	00054	RESERVOIR STORAGE - ACRE FEET	11/13/73-06/04/75	1	6	
ROMO0063	No	00054	RESERVOIR STORAGE - ACRE FEET	11/13/73-06/04/75	1	6	
ROMO0138	No	00054	RESERVOIR STORAGE - ACRE FEET	11/13/73-06/04/75	1	6	
ROMO0483	No	00057	FLOW, INDICATES IT HAS BEEN CHECKED	12/17/71-09/11/87	15	85	
ROMO0009	No	00060	FLOW, STREAM, MEAN DAILY CFS	10/21/66-10/21/66	0	1	
ROMO0016	No	00060	FLOW, STREAM, MEAN DAILY CFS	12/09/71-12/09/71	0	1	
ROMO0017	No	00060	FLOW, STREAM, MEAN DAILY CFS	07/09/69-09/20/73	4	26	
ROMO0059	No	00060	FLOW, STREAM, MEAN DAILY CFS	07/02/49-04/26/57	7	4	
ROMO0060	No	00060	FLOW, STREAM, MEAN DAILY CFS	11/24/70-09/19/74	3	36	
ROMO0089	No	00060	FLOW, STREAM, MEAN DAILY CFS	09/17/70-10/04/73	3	35	
ROMO0152	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	09/07/66-09/07/66	0	1	
ROMO0410	No	00060	FLOW, STREAM, MEAN DAILY CFS	11/20/70-09/14/76	5	55	
ROMO0470	No	00060	FLOW, STREAM, MEAN DAILY CFS	12/14/70-09/12/74	3	41	
ROMO0474	No	00060	FLOW, STREAM, MEAN DAILY CFS	05/09/72-05/09/72	0	1	
ROMO0476	No	00060	FLOW, STREAM, MEAN DAILY CFS	08/23/65-08/28/65	0	6	
ROMO0477	No	00060	FLOW, STREAM, MEAN DAILY CFS	11/16/73-09/12/74	0	4	
ROMO0480	No	00060	FLOW, STREAM, MEAN DAILY CFS	08/23/65-08/28/65	0	6	
ROMO0483	No	00060	FLOW, STREAM, MEAN DAILY CFS	12/17/71-09/11/87	15	85	
ROMO0489	Yes	00060	FLOW, STREAM, MEAN DAILY CFS	08/23/65-08/28/65	0	6	
ROMO0500	No	00060	FLOW, STREAM, MEAN DAILY CFS	08/23/65-08/28/65	0	6	
ROMO0034	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	05/26/93-05/26/93	0	1	
ROMO0060	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	10/04/73-03/05/97	23	144	
ROMO0087	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	10/22/86-07/02/96	9	112	
ROMO0089	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	10/06/83-10/09/86	3	20	
ROMO0111	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	05/26/76-09/20/76	0	9	
ROMO0176	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	05/26/76-09/20/76	0	9	
ROMO0211	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/25/91-09/25/91	0	1	
ROMO0227	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/17/91-09/17/91	0	1	
ROMO0229	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/16/83-07/21/87	3	15	
ROMO0252	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	07/29/83-10/10/84	1	3	
ROMO0254	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	09/13/83-07/15/86	2	8	
ROMO0268	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	05/05/92-11/12/98	6	357	
ROMO0301	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/02/83-07/21/87	3	20	
ROMO0302	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	04/15/92-11/12/98	6	410	
ROMO0318	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/02/83-07/21/87	3	21	
ROMO0320	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/02/83-05/12/92	8	109	
ROMO0327	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	08/02/83-05/19/87	3	13	
ROMO0341	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	07/14/86-07/14/86	0	1	
ROMO0371	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	07/15/86-07/15/86	0	1	
ROMO0404	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	10/06/83-03/17/97	13	136	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0410	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	05/09/74-03/10/97	22	200	
ROMO0447	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	01/04/95-07/15/96	1	22	
ROMO0451	Yes	00061	FLOW, STREAM, INSTANTANEOUS CFS	05/05/95-06/12/95	0	2	
ROMO0463	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	06/12/78-10/05/79	1	56	
ROMO0470	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	05/09/74-03/10/97	22	188	
ROMO0477	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	10/04/52-05/08/75	22	29	
ROMO0638	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	10/04/83-10/02/96	12	115	
ROMO0665	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	05/20/76-09/23/76	0	9	
ROMO0667	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	06/30/77-07/25/77	0	5	
ROMO0679	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	05/05/76-09/03/76	0	9	
ROMO0683	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	06/11/79-07/31/79	0	6	
ROMO0034	No	00063	SAMPLING POINTS, NUMBER OF IN A CROSS SECTION	05/26/93-05/26/93	0	1	
ROMO0404	Yes	00063	SAMPLING POINTS, NUMBER OF IN A CROSS SECTION	01/26/95-02/18/97	2	27	
ROMO0447	Yes	00063	SAMPLING POINTS, NUMBER OF IN A CROSS SECTION	10/04/95-07/15/96	0	8	
ROMO0034	No	00065	STAGE, STREAM (FEET)	05/26/93-05/26/93	0	1	
ROMO0060	No	00065	STAGE, STREAM (FEET)	10/23/90-10/23/90	0	1	
ROMO0087	No	00065	STAGE, STREAM (FEET)	08/21/89-08/06/92	2	2	
ROMO0111	No	00065	STAGE, STREAM (FEET)	05/26/76-09/20/76	0	9	
ROMO0176	No	00065	STAGE, STREAM (FEET)	05/26/76-09/20/76	0	9	
ROMO0254	Yes	00065	STAGE, STREAM (FEET)	07/16/91-07/16/91	0	1	
ROMO0317	Yes	00065	STAGE, STREAM (FEET)	05/03/83-05/03/83	0	1	
ROMO0318	Yes	00065	STAGE, STREAM (FEET)	04/28/83-08/30/83	0	6	
ROMO0319	Yes	00065	STAGE, STREAM (FEET)	05/03/83-05/03/83	0	1	
ROMO0320	Yes	00065	STAGE, STREAM (FEET)	04/24/87-04/14/92	4	37	
ROMO0321	Yes	00065	STAGE, STREAM (FEET)	05/03/83-05/03/83	0	1	
ROMO0404	Yes	00065	STAGE, STREAM (FEET)	04/07/95-10/07/96	1	17	
ROMO0410	No	00065	STAGE, STREAM (FEET)	11/29/82-03/10/97	14	80	
ROMO0447	Yes	00065	STAGE, STREAM (FEET)	10/04/95-07/15/96	0	11	
ROMO0463	No	00065	STAGE, STREAM (FEET)	06/12/78-10/05/79	1	55	
ROMO0470	No	00065	STAGE, STREAM (FEET)	09/28/83-03/10/97	13	49	
ROMO0665	No	00065	STAGE, STREAM (FEET)	05/20/76-09/23/76	0	9	
ROMO0667	No	00065	STAGE, STREAM (FEET)	06/30/77-07/25/77	0	5	
ROMO0679	No	00065	STAGE, STREAM (FEET)	05/05/76-09/03/76	0	10	
ROMO0683	No	00065	STAGE, STREAM (FEET)	06/11/79-07/31/79	0	6	
ROMO0445	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/14/76-09/27/76	0	2	
ROMO0450	Yes	00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/21/76-09/28/76	0	2	
ROMO0064	No	00074	TURBIDITY, TRANSMISSOMETER, PERCENT TRANSMISSION	08/26/75-10/10/75	0	8	
ROMO0075	No	00074	TURBIDITY, TRANSMISSOMETER, PERCENT TRANSMISSION	08/26/75-10/10/75	0	6	
ROMO0132	No	00074	TURBIDITY, TRANSMISSOMETER, PERCENT TRANSMISSION	08/26/75-10/10/75	0	16	
ROMO0136	No	00074	TURBIDITY, TRANSMISSOMETER, PERCENT TRANSMISSION	08/26/75-10/10/75	0	12	
ROMO0143	No	00074	TURBIDITY, TRANSMISSOMETER, PERCENT TRANSMISSION	08/26/75-10/10/75	0	4	
ROMO0009	No	00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	09/07/66-11/08/66	0	3	
ROMO0084	No	00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	09/07/66-11/08/66	0	3	
ROMO0152	Yes	00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	09/07/66-09/07/66	0	1	
ROMO0673	No	00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	07/21/64-03/20/65	0	4	
ROMO0678	No	00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	07/21/64-07/22/65	1	12	
ROMO0681	No	00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	07/21/64-07/22/65	1	7	
ROMO0682	No	00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	06/16/65-06/16/65	0	2	
ROMO0684	No	00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	07/21/64-06/16/65	0	6	
ROMO0483	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/26/72-06/04/80	8	34	
ROMO0013	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	09/06/69-09/06/69	0	1	
ROMO0022	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	09/06/69-09/06/69	0	1	
ROMO0023	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	09/06/69-09/06/69	0	1	
ROMO0034	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	08/22/73-10/01/96	23	60	S
ROMO0063	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	08/22/73-10/02/96	23	58	S
ROMO0064	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	08/26/75-10/10/75	0	2	
ROMO0075	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	08/26/75-10/10/75	0	2	
ROMO0115	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	09/05/69-09/05/69	0	1	
ROMO0116	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	09/05/69-09/05/69	0	1	
ROMO0132	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	08/26/75-10/10/75	0	2	
ROMO0134	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	09/06/69-09/06/69	0	1	
ROMO0136	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	08/26/75-10/10/75	0	2	
ROMO0138	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	08/22/73-06/04/75	1	5	
ROMO0143	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	08/26/75-10/10/75	0	2	
ROMO0148	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	09/06/69-09/06/69	0	1	
ROMO0001	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	09/15/85-09/15/85	0	1	
ROMO0005	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	10/06/85-10/06/85	0	1	
ROMO0011	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	09/13/90-09/13/90	0	1	
ROMO0015	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	09/15/85-09/15/85	0	1	
ROMO0018	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	09/12/85-09/12/85	0	1	
ROMO0019	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	09/13/90-09/13/90	0	1	
ROMO0020	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	08/21/90-08/21/90	0	2	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0025	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	10/02/85-10/02/85	0	1	
ROMO0026	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	09/13/90-09/13/90	0	1	
ROMO0028	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	09/13/90-09/13/90	0	1	
ROMO0035	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	10/04/85-10/04/85	0	1	
ROMO0046	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	10/04/85-10/04/85	0	1	
ROMO0070	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	10/10/85-10/10/85	0	1	
ROMO0071	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	10/02/85-10/02/85	0	1	
ROMO0088	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	10/04/85-10/04/85	0	1	
ROMO0095	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	10/02/85-10/02/85	0	1	
ROMO0107	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	10/02/85-10/02/85	0	1	
ROMO0133	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	08/21/90-09/14/90	0	2	
ROMO0135	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	10/10/85-10/10/85	0	1	
ROMO0141	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	09/02/92-09/27/93	1	4	
ROMO0142	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	09/02/92-09/27/93	1	4	
ROMO0151	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	08/20/90-08/20/90	0	1	
ROMO0159	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	10/02/85-10/02/85	0	1	
ROMO0163	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	10/02/85-10/02/85	0	1	
ROMO0185	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	10/10/85-10/10/85	0	1	
ROMO0226	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	08/16/83-10/09/84	1	5	
ROMO0228	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	06/05/85-06/05/85	0	1	
ROMO0230	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	06/12/84-09/18/85	1	3	
ROMO0251	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	07/29/83-09/20/84	1	5	
ROMO0255	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	07/23/84-07/23/84	0	1	
ROMO0294	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	10/10/85-10/10/85	0	1	
ROMO0317	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	08/30/83-10/11/84	1	7	
ROMO0318	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	06/12/84-06/12/84	0	1	
ROMO0319	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	09/17/85-09/17/85	0	1	
ROMO0321	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	06/13/84-08/15/84	0	3	
ROMO0322	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	10/10/85-10/10/85	0	1	
ROMO0338	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	10/10/85-10/10/85	0	1	
ROMO0344	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	10/04/85-10/04/85	0	1	
ROMO0374	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	10/04/85-10/04/85	0	1	
ROMO0435	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	10/04/85-10/04/85	0	1	
ROMO0466	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	10/04/85-10/04/85	0	1	
ROMO0486	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	09/12/85-09/12/85	0	1	
ROMO0490	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	10/06/85-10/06/85	0	1	
ROMO0573	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	10/04/85-10/04/85	0	1	
ROMO0591	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	10/06/85-10/06/85	0	1	
ROMO0668	Yes	00078	TRANSPARENCY, SECCHI DISC (METERS)	10/04/85-10/04/85	0	1	
ROMO0671	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	09/11/85-09/11/85	0	1	
ROMO0001	No	00080	COLOR (PLATINUM-COBALT UNITS)	09/15/85-09/15/85	0	1	
ROMO0003	No	00080	COLOR (PLATINUM-COBALT UNITS)	08/28/87-10/06/87	0	6	
ROMO0004	No	00080	COLOR (PLATINUM-COBALT UNITS)	10/01/87-10/01/87	0	2	
ROMO0005	No	00080	COLOR (PLATINUM-COBALT UNITS)	10/06/85-10/06/85	0	1	
ROMO0015	No	00080	COLOR (PLATINUM-COBALT UNITS)	09/15/85-09/15/85	0	1	
ROMO0018	No	00080	COLOR (PLATINUM-COBALT UNITS)	09/12/85-09/12/85	0	1	
ROMO0025	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	10/02/85-10/02/85	0	1	
ROMO0035	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	10/04/85-10/04/85	0	1	
ROMO0046	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	10/04/85-10/04/85	0	1	
ROMO0070	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	10/10/85-10/10/85	0	1	
ROMO0071	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	10/02/85-10/02/85	0	1	
ROMO0076	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	08/18/87-08/18/87	0	4	
ROMO0082	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	07/21/87-10/01/87	0	14	
ROMO0088	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	10/04/85-10/04/85	0	1	
ROMO0095	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	10/02/85-10/02/85	0	1	
ROMO0107	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	10/02/85-10/02/85	0	1	
ROMO0135	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	10/10/85-10/10/85	0	1	
ROMO0137	No	00080	COLOR (PLATINUM-COBALT UNITS)	07/09/87-10/21/87	0	18	
ROMO0159	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	10/02/85-10/02/85	0	1	
ROMO0163	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	10/02/85-10/02/85	0	1	
ROMO0171	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	09/23/87-09/18/89	1	32	
ROMO0173	No	00080	COLOR (PLATINUM-COBALT UNITS)	07/24/87-07/24/87	0	4	
ROMO0185	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	10/10/85-10/10/85	0	1	
ROMO0226	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	06/12/84-07/29/86	2	21	
ROMO0227	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	08/14/84-07/15/86	1	7	
ROMO0228	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	06/12/84-07/29/86	2	3	
ROMO0229	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	06/13/84-07/29/86	2	15	
ROMO0230	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	06/12/84-07/29/86	2	21	
ROMO0251	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	07/23/84-07/29/86	2	12	
ROMO0252	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	08/13/84-10/10/84	0	3	
ROMO0254	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	07/10/84-07/29/86	2	11	
ROMO0255	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	07/23/84-07/29/86	2	16	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0294	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	10/10/85-10/10/85	0	1	
ROMO0301	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	06/13/84-07/30/86	2	14	
ROMO0309	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	10/27/87-10/27/87	0	2	
ROMO0317	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	03/06/84-07/30/86	2	22	
ROMO0318	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	06/12/84-07/30/86	2	18	
ROMO0319	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	04/17/84-06/03/85	1	6	
ROMO0320	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	04/25/84-07/30/86	2	61	
ROMO0321	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	03/06/84-07/30/86	2	26	
ROMO0322	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	10/10/85-10/10/85	0	1	
ROMO0323	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	10/27/87-10/27/87	0	2	
ROMO0327	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	06/13/84-07/30/86	2	11	
ROMO0338	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	10/10/85-10/10/85	0	1	
ROMO0341	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	07/14/86-07/14/86	0	1	
ROMO0343	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	07/14/86-07/14/86	0	1	
ROMO0344	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	10/04/85-10/04/85	0	1	
ROMO0347	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	07/21/87-07/21/87	0	2	
ROMO0363	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	08/12/87-09/18/89	2	40	
ROMO0370	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	07/15/86-07/15/86	0	1	
ROMO0371	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	07/15/86-07/15/86	0	1	
ROMO0372	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	07/15/86-07/15/86	0	1	
ROMO0373	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	07/17/87-11/10/87	0	24	
ROMO0374	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	10/04/85-10/04/85	0	1	
ROMO0407	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	08/31/87-08/31/87	0	2	
ROMO0430	No	00080	COLOR (PLATINUM-COBALT UNITS)	07/21/87-08/08/89	2	7	
ROMO0435	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	10/04/85-10/04/85	0	1	
ROMO0466	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	10/04/85-10/04/85	0	1	
ROMO0472	No	00080	COLOR (PLATINUM-COBALT UNITS)	07/05/87-11/10/87	0	28	
ROMO0486	No	00080	COLOR (PLATINUM-COBALT UNITS)	09/12/85-09/12/85	0	1	
ROMO0490	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	10/06/85-10/06/85	0	1	
ROMO0508	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	07/09/87-07/17/87	0	6	
ROMO0530	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	10/27/87-10/27/87	0	2	
ROMO0573	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	10/04/85-10/04/85	0	1	
ROMO0591	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	10/06/85-10/06/85	0	1	
ROMO0668	Yes	00080	COLOR (PLATINUM-COBALT UNITS)	10/04/85-10/04/85	0	1	
ROMO0671	No	00080	COLOR (PLATINUM-COBALT UNITS)	09/11/85-09/11/85	0	1	
ROMO0031	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/16/97-07/16/97	0	1	
ROMO0039	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/14/97-08/12/97	0	11	
ROMO0040	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/14/97-08/12/97	0	10	
ROMO0054	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/14/97-07/14/97	0	1	
ROMO0055	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/14/97-07/14/97	0	1	
ROMO0064	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/26/75-10/10/75	0	8	
ROMO0066	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/12/97-07/12/97	0	1	
ROMO0067	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/12/97-07/12/97	0	1	
ROMO0075	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/26/75-10/10/75	0	6	
ROMO0083	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/13/97-07/13/97	0	1	
ROMO0105	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/01/97-08/01/97	0	1	
ROMO0118	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/20/97-07/20/97	0	1	
ROMO0124	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/20/97-07/20/97	0	1	
ROMO0125	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/01/97-08/01/97	0	1	
ROMO0132	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/26/75-10/10/75	0	16	
ROMO0136	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/26/75-10/10/75	0	12	
ROMO0143	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/26/75-10/10/75	0	4	
ROMO0164	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	0	1	
ROMO0170	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	0	1	
ROMO0182	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	0	1	
ROMO0183	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	0	1	
ROMO0186	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	0	1	
ROMO0195	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	0	1	
ROMO0196	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	0	1	
ROMO0198	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	0	1	
ROMO0200	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	0	1	
ROMO0203	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	0	1	
ROMO0205	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	0	1	
ROMO0217	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	0	1	
ROMO0218	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/14/82-10/07/97	15	62	
ROMO0219	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/17/91-10/07/97	6	18	
ROMO0221	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/20/82-08/24/88	6	64	
ROMO0222	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/14/82-04/17/97	14	78	
ROMO0223	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/14/82-04/17/97	14	83	
ROMO0234	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/14/82-10/07/97	15	79	
ROMO0235	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	0	1	
ROMO0239	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM 25C)	07/31/81-07/31/81	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0240	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/08/82-10/10/84	2	17	
ROMO0243	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/08/82-08/24/88	6	53	
ROMO0244	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/13/82-05/29/84	1	21	
ROMO0245	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/08/82-06/17/97	15	66	
ROMO0256	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/18/82-10/07/97	15	72	
ROMO0257	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	0	1	
ROMO0267	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	0	1	
ROMO0279	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	0	1	
ROMO0280	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/11/97-07/11/97	0	1	
ROMO0284	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/23/93-08/23/93	0	1	
ROMO0286	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/05/83-10/07/97	14	60	
ROMO0287	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/08/82-10/21/82	0	7	
ROMO0288	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	0	1	
ROMO0290	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	0	1	
ROMO0291	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/21/88-07/29/97	9	5	
ROMO0292	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	0	1	
ROMO0295	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	0	1	
ROMO0296	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	0	1	
ROMO0297	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/11/97-07/11/97	0	1	
ROMO0298	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	0	2	
ROMO0307	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	0	1	
ROMO0308	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/11/82-10/07/97	15	130	
ROMO0310	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	0	1	
ROMO0311	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	0	1	
ROMO0312	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/11/97-07/11/97	0	1	
ROMO0313	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/02/82-11/13/88	6	76	
ROMO0314	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/02/82-03/18/97	14	94	
ROMO0315	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/11/82-12/23/97	15	109	
ROMO0316	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/14/82-10/21/82	0	6	
ROMO0325	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/11/82-12/30/97	15	608	A
ROMO0326	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	0	1	
ROMO0328	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/08/82-10/07/97	14	58	
ROMO0331	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	0	1	
ROMO0332	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	0	1	
ROMO0333	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	0	1	
ROMO0334	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/20/81-07/16/97	15	23	
ROMO0335	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/82-08/10/83	1	3	
ROMO0336	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/82-07/13/88	6	6	
ROMO0337	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/06/81-07/13/88	7	17	
ROMO0348	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/11/97-07/11/97	0	1	
ROMO0349	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	0	2	
ROMO0352	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	0	1	
ROMO0353	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/20/81-08/17/90	9	19	
ROMO0354	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	0	2	
ROMO0356	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/11/97-07/11/97	0	1	
ROMO0357	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	0	1	
ROMO0358	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/03/81-07/16/97	15	19	
ROMO0359	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	0	1	
ROMO0360	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/82-08/10/83	1	3	
ROMO0361	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/82-09/12/91	9	9	
ROMO0362	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/06/81-08/30/94	13	25	
ROMO0364	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	0	1	
ROMO0366	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/11/97-07/11/97	0	1	
ROMO0375	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/11/97-07/11/97	0	1	
ROMO0390	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/25/97-07/25/97	0	1	
ROMO0398	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/11/97-07/11/97	0	1	
ROMO0399	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/25/97-07/25/97	0	1	
ROMO0400	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/25/97-07/25/97	0	1	
ROMO0406	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/11/97-07/11/97	0	1	
ROMO0414	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/25/97-07/25/97	0	1	
ROMO0418	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/18/97-07/18/97	0	1	
ROMO0423	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/25/97-07/25/97	0	1	
ROMO0427	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/28/98-05/28/98	0	3	
ROMO0429	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/25/97-07/25/97	0	1	
ROMO0431	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/18/97-07/18/97	0	1	
ROMO0434	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/25/97-07/25/97	0	1	
ROMO0464	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	0	1	
ROMO0468	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/29/97-07/29/97	0	1	
ROMO0521	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	0	1	
ROMO0535	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	0	1	
ROMO0538	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	0	1	
ROMO0540	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM 25C)	07/31/81-07/31/81	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0543	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	0	2	
ROMO0544	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	0	1	
ROMO0545	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	0	1	
ROMO0547	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	0	1	
ROMO0548	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	0	1	
ROMO0549	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/18/97-07/18/97	0	1	
ROMO0553	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	0	1	
ROMO0554	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	0	1	
ROMO0555	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	0	1	
ROMO0556	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	0	1	
ROMO0557	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	0	1	
ROMO0558	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	0	1	
ROMO0559	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	0	1	
ROMO0561	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	0	1	
ROMO0564	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	0	1	
ROMO0565	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	0	1	
ROMO0566	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	0	1	
ROMO0567	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	0	1	
ROMO0568	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	0	1	
ROMO0569	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	0	1	
ROMO0570	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	0	2	
ROMO0571	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/21/97-07/21/97	0	1	
ROMO0572	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	0	1	
ROMO0574	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	0	1	
ROMO0575	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	0	1	
ROMO0576	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	0	1	
ROMO0577	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	0	1	
ROMO0578	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	0	1	
ROMO0579	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	0	1	
ROMO0580	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	0	2	
ROMO0581	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/21/97-07/21/97	0	1	
ROMO0582	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	0	1	
ROMO0584	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	0	1	
ROMO0585	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	0	1	
ROMO0587	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	0	1	
ROMO0588	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	0	1	
ROMO0589	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	0	1	
ROMO0590	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	0	1	
ROMO0592	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	0	1	
ROMO0594	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	0	1	
ROMO0595	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	0	1	
ROMO0597	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	0	1	
ROMO0598	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	0	1	
ROMO0600	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	0	1	
ROMO0601	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	0	1	
ROMO0605	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	0	1	
ROMO0607	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	0	1	
ROMO0608	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	0	1	
ROMO0610	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	0	1	
ROMO0613	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	0	1	
ROMO0615	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	0	1	
ROMO0616	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	0	1	
ROMO0617	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	0	1	
ROMO0618	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	0	1	
ROMO0619	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	0	1	
ROMO0620	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	0	1	
ROMO0621	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	0	1	
ROMO0622	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	0	1	
ROMO0623	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	0	1	
ROMO0624	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	0	1	
ROMO0625	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	0	1	
ROMO0628	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	0	1	
ROMO0632	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	0	1	
ROMO0640	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/04/97-08/04/97	0	1	
ROMO0644	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/08/82-09/13/97	15	11	
ROMO0650	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/10/97-08/04/97	0	2	
ROMO0651	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/26/83-09/17/94	11	5	
ROMO0653	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/08/82-08/31/91	9	4	
ROMO0654	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/08/82-08/03/88	6	5	
ROMO0655	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/08/82-10/10/95	13	8	
ROMO0660	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/08/82-08/31/91	9	4	
ROMO0661	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM 25C)	07/08/82-08/03/88	6	5	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0662	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/08/82-09/13/97	15	14	
ROMO0663	Yes	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/08/82-09/30/93	11	3	
ROMO0674	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/10/97-07/24/97	0	2	
ROMO0001	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/15/85-09/15/85	0	1	
ROMO0002	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/21/76-09/21/76	0	1	
ROMO0003	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/28/87-10/06/87	0	6	
ROMO0004	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/01/87-10/01/87	0	2	
ROMO0005	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/06/85-10/06/85	0	1	
ROMO0008	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/21/76-09/21/76	0	1	
ROMO0009	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/07/66-11/08/66	0	3	
ROMO0010	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/16/76-09/16/76	0	1	
ROMO0012	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/16/76-09/16/76	0	1	
ROMO0013	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/29/69-08/29/69	0	2	
ROMO0014	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/16/76-09/16/76	0	1	
ROMO0015	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/15/85-09/15/85	0	1	
ROMO0017	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/09/69-08/17/82	13	75	
ROMO0018	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/12/85-09/12/85	0	1	
ROMO0021	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/23/76-09/23/76	0	1	
ROMO0022	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/29/69-09/02/69	0	4	
ROMO0023	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/29/69-08/29/69	0	2	
ROMO0025	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/02/85-10/02/85	0	1	
ROMO0029	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/20/76-09/20/76	0	1	
ROMO0033	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/20/76-09/20/76	0	1	
ROMO0034	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/27/55-10/01/96	41	935	T,A,S
ROMO0035	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/04/85-10/04/85	0	1	
ROMO0036	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/29/69-09/02/69	0	4	
ROMO0037	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/29/69-09/02/69	0	2	
ROMO0038	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/29/69-09/02/69	0	4	
ROMO0041	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/18/76-09/18/76	0	1	
ROMO0042	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/22/76-09/22/76	0	1	
ROMO0043	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/23/76-09/23/76	0	1	
ROMO0046	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/04/85-10/04/85	0	1	
ROMO0047	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/06/75-07/06/76	0	2	
ROMO0048	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/23/76-09/23/76	0	1	
ROMO0049	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/18/76-09/18/76	0	1	
ROMO0050	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/05/76-07/05/76	0	1	
ROMO0051	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/18/76-09/18/76	0	1	
ROMO0052	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/18/76-09/18/76	0	1	
ROMO0053	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/23/76-09/23/76	0	1	
ROMO0056	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/06/76-07/06/76	0	1	
ROMO0057	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/18/76-09/18/76	0	1	
ROMO0058	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/23/76-09/23/76	0	1	
ROMO0059	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/21/41-04/26/57	16	6	
ROMO0060	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/24/70-03/05/97	26	163	T,S
ROMO0063	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/22/73-10/02/96	23	352	T,A,S
ROMO0065	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/18/76-09/18/76	0	1	
ROMO0068	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/14/75-08/14/75	0	1	
ROMO0070	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/10/85-10/10/85	0	1	
ROMO0071	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/02/85-10/02/85	0	1	
ROMO0072	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/22/76-09/22/76	0	1	
ROMO0073	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/30/76-06/30/76	0	1	
ROMO0076	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/18/87-08/18/87	0	4	
ROMO0077	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/18/76-09/18/76	0	1	
ROMO0079	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/18/76-09/18/76	0	1	
ROMO0080	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/18/76-09/18/76	0	1	
ROMO0081	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/03/75-10/03/75	0	1	
ROMO0082	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/21/87-10/01/87	0	14	
ROMO0084	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/07/66-11/08/66	0	3	
ROMO0086	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/17/93-10/04/95	2	62	
ROMO0087	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/22/86-07/02/96	9	109	A
ROMO0088	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/04/85-10/04/85	0	1	
ROMO0089	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/25/70-10/09/86	16	122	A
ROMO0095	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/02/85-10/02/85	0	1	
ROMO0098	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/23/76-09/23/76	0	1	
ROMO0107	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/02/85-10/02/85	0	1	
ROMO0108	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/29/76-09/29/76	0	1	
ROMO0110	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/27/73-11/27/73	0	1	
ROMO0111	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/26/76-09/20/76	0	8	
ROMO0114	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/29/69-09/02/69	0	3	
ROMO0115	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/29/69-09/02/69	0	4	
ROMO0116	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/29/69-08/30/69	0	2	
ROMO0117	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM 25C)	08/29/69-09/03/69	0	4	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0121	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/21/76-09/21/76	0	1	
ROMO0129	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/23/76-09/23/76	0	1	
ROMO0130	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/08/74-07/08/74	0	1	
ROMO0134	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/30/69-09/03/69	0	6	
ROMO0135	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/10/85-10/10/85	0	1	
ROMO0137	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/09/87-10/21/87	0	18	
ROMO0138	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/22/73-06/04/75	1	18	
ROMO0141	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/92-09/27/93	1	4	
ROMO0142	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/92-09/27/93	1	3	
ROMO0146	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/28/69-09/03/69	0	4	
ROMO0147	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/30/69-09/03/69	0	6	
ROMO0148	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/30/69-09/03/69	0	6	
ROMO0149	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/21/76-09/21/76	0	1	
ROMO0150	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/02/76-07/02/76	0	1	
ROMO0152	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/07/66-09/07/66	0	1	
ROMO0155	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/29/76-06/29/76	0	1	
ROMO0158	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/23/76-09/23/76	0	1	
ROMO0159	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/02/85-10/02/85	0	1	
ROMO0161	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/21/76-09/21/76	0	1	
ROMO0162	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/21/76-09/21/76	0	1	
ROMO0163	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/02/85-10/02/85	0	1	
ROMO0165	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/29/76-09/29/76	0	1	
ROMO0166	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/23/76-09/23/76	0	1	
ROMO0167	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/21/78-08/21/79	1	2	
ROMO0168	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/02/74-08/27/74	0	2	
ROMO0169	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/21/78-06/21/78	0	1	
ROMO0171	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/23/87-09/18/89	1	17	
ROMO0173	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/24/87-07/24/87	0	4	
ROMO0174	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/06/93-08/15/95	1	3	
ROMO0175	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/15/95-08/15/95	0	1	
ROMO0176	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/26/76-09/20/76	0	8	
ROMO0177	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/15/95-08/15/95	0	1	
ROMO0178	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/30/94-08/30/94	0	1	
ROMO0179	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/06/93-08/15/95	1	3	
ROMO0180	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/02/74-08/27/74	0	2	
ROMO0185	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/10/85-10/10/85	0	1	
ROMO0188	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/23/76-09/23/76	0	1	
ROMO0189	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/15/95-08/15/95	0	1	
ROMO0190	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/15/95-08/15/95	0	1	
ROMO0193	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/01/74-09/11/74	0	2	
ROMO0194	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/05/78-08/21/79	1	2	
ROMO0201	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/23/76-09/23/76	0	1	
ROMO0202	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/30/94-08/15/95	0	2	
ROMO0204	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/23/76-09/23/76	0	1	
ROMO0213	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/21/76-09/21/76	0	1	
ROMO0215	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/28/74-09/11/74	0	2	
ROMO0218	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/19/83-10/07/97	14	56	
ROMO0219	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/13/91-10/07/97	6	18	
ROMO0220	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/23/76-09/23/76	0	1	
ROMO0221	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/16/83-08/24/88	5	26	
ROMO0222	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/16/83-04/17/97	14	69	
ROMO0223	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/06/82-04/17/97	14	75	
ROMO0226	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/13/83-09/13/83	0	1	
ROMO0227	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/26/88-09/29/92	4	4	
ROMO0229	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/17/91-09/17/91	0	1	
ROMO0230	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/12/84-08/14/84	0	2	
ROMO0232	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/21/76-09/21/76	0	1	
ROMO0234	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/07/83-10/07/97	14	72	
ROMO0240	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/07/83-10/10/84	1	10	
ROMO0241	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/21/76-09/21/76	0	1	
ROMO0243	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/16/83-08/24/88	5	46	
ROMO0244	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/16/83-05/29/84	1	15	
ROMO0245	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/06/82-06/17/97	14	57	
ROMO0246	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/20/94-08/15/95	1	4	
ROMO0248	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/76-09/24/76	0	1	
ROMO0256	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/07/83-10/07/97	14	67	
ROMO0263	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/06/93-08/15/95	1	5	
ROMO0268	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/05/92-07/14/98	6	364	
ROMO0281	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/06/93-08/15/95	1	2	
ROMO0282	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/06/93-08/15/95	1	7	
ROMO0286	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/05/83-10/07/97	14	63	
ROMO0291	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM 25C)	06/21/88-07/29/97	9	6	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0293	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/06/93-08/15/95	1	5	
ROMO0294	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/10/85-10/10/85	0	1	
ROMO0301	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/21/88-10/11/88	0	2	
ROMO0302	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/15/92-07/14/98	6	432	
ROMO0305	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/06/93-08/15/95	1	5	
ROMO0308	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/07/82-10/07/97	14	126	
ROMO0309	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/27/87-10/27/87	0	2	
ROMO0313	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/04/83-11/13/88	5	26	
ROMO0314	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/04/83-03/18/97	13	86	
ROMO0315	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/07/82-12/23/97	15	100	
ROMO0318	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/20/88-10/16/90	2	2	
ROMO0320	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/11/87-05/12/92	5	29	
ROMO0321	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/11/90-12/11/90	0	1	
ROMO0322	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/10/85-10/10/85	0	1	
ROMO0323	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/27/87-10/27/87	0	2	
ROMO0324	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/30/95-08/21/95	0	5	
ROMO0325	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/07/82-12/30/97	15	593	A
ROMO0328	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/08/82-10/07/97	14	55	
ROMO0329	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/23/76-09/23/76	0	1	
ROMO0334	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/10/83-07/16/97	13	10	
ROMO0335	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/10/83-08/10/83	0	1	
ROMO0336	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/10/83-07/13/88	4	4	
ROMO0337	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/10/83-07/13/88	4	4	
ROMO0338	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/10/85-10/10/85	0	1	
ROMO0339	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/06/93-08/15/95	1	6	
ROMO0344	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/04/85-10/04/85	0	1	
ROMO0347	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/21/87-07/21/87	0	2	
ROMO0351	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/20/74-08/20/74	0	1	
ROMO0353	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/10/83-09/28/93	10	7	
ROMO0355	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/23/76-09/23/76	0	1	
ROMO0358	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/10/83-07/16/97	13	9	
ROMO0360	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/10/83-08/10/83	0	1	
ROMO0361	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/10/83-09/12/91	8	6	
ROMO0362	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/10/83-08/30/94	11	8	
ROMO0363	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/12/87-09/18/89	2	21	
ROMO0365	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/14/88-11/08/88	0	13	
ROMO0367	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/21/76-09/21/76	0	1	
ROMO0368	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/13/88-10/11/88	0	4	
ROMO0372	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/12/91-09/12/91	0	1	
ROMO0373	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/17/87-11/10/87	0	24	
ROMO0374	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/04/85-10/04/85	0	1	
ROMO0379	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/14/88-11/08/88	0	12	
ROMO0381	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/17/93-10/11/95	2	393	
ROMO0382	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/06/94-08/17/95	1	4	
ROMO0383	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/23/76-09/23/76	0	1	
ROMO0386	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/17/95-08/17/95	0	1	
ROMO0387	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/14/88-10/11/88	0	8	
ROMO0389	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/23/76-09/23/76	0	1	
ROMO0392	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/17/95-08/17/95	0	1	
ROMO0394	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/17/95-08/17/95	0	1	
ROMO0397	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/17/95-08/17/95	0	1	
ROMO0403	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/23/76-09/23/76	0	1	
ROMO0404	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/22/77-03/17/97	19	199	T,A
ROMO0407	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/31/87-08/31/87	0	2	
ROMO0409	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/21/76-09/21/76	0	1	
ROMO0410	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/70-03/10/97	26	249	T,A,S
ROMO0411	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/17/95-08/17/95	0	1	
ROMO0412	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/23/76-09/23/76	0	1	
ROMO0413	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/17/95-08/17/95	0	1	
ROMO0415	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/17/95-08/17/95	0	1	
ROMO0416	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/06/94-08/17/95	1	3	
ROMO0417	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/21/76-09/21/76	0	1	
ROMO0419	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/06/94-08/17/95	1	2	
ROMO0420	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/06/94-08/17/95	1	2	
ROMO0421	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/21/76-09/21/76	0	1	
ROMO0424	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/11/93-08/17/95	1	6	
ROMO0425	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/76-09/24/76	0	1	
ROMO0426	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/11/93-08/17/95	1	4	
ROMO0428	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/21/76-09/21/76	0	1	
ROMO0430	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/21/87-07/26/87	0	5	
ROMO0433	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/19/66-08/24/66	0	3	
ROMO0435	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM 25C)	10/04/85-10/04/85	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0436	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/17/93-10/19/93	0	24	
ROMO0437	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/11/93-11/01/94	1	49	
ROMO0438	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/11/93-10/04/95	2	190	
ROMO0440	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/11/93-10/04/95	2	225	
ROMO0441	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/15/74-08/29/74	0	2	
ROMO0444	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/19/93-10/20/94	1	26	
ROMO0447	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/04/95-07/15/96	1	21	
ROMO0448	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/17/93-11/01/94	1	49	
ROMO0449	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/21/76-09/21/76	0	1	
ROMO0451	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/05/95-06/12/95	0	2	
ROMO0452	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/76-09/24/76	0	1	
ROMO0453	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/76-09/24/76	0	1	
ROMO0454	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/23/76-09/23/76	0	1	
ROMO0457	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/23/76-09/23/76	0	1	
ROMO0458	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/21/76-09/21/76	0	1	
ROMO0459	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/05/74-08/05/74	0	1	
ROMO0461	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/14/66-08/24/66	0	4	
ROMO0462	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/23/76-09/23/76	0	1	
ROMO0465	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/76-09/24/76	0	1	
ROMO0466	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/04/85-10/04/85	0	1	
ROMO0470	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/70-03/10/97	26	229	T,A,S
ROMO0471	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/22/76-09/22/76	0	1	
ROMO0472	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/05/87-11/10/87	0	28	
ROMO0474	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/09/72-05/09/72	0	1	
ROMO0475	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/18/75-10/18/75	0	1	
ROMO0476	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/23/65-08/28/65	0	8	
ROMO0477	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/16/73-05/08/75	1	6	
ROMO0479	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/14/66-08/24/66	0	4	
ROMO0480	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/23/65-08/28/65	0	8	
ROMO0481	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/08/66-08/25/66	0	26	
ROMO0482	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/23/76-09/23/76	0	1	
ROMO0483	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/17/71-04/02/92	20	97	
ROMO0484	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/28/74-09/11/74	0	2	
ROMO0486	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/12/85-09/12/85	0	1	
ROMO0487	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/20/76-09/20/76	0	1	
ROMO0488	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/23/76-09/23/76	0	1	
ROMO0489	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/23/65-08/28/65	0	8	
ROMO0490	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/06/85-10/06/85	0	1	
ROMO0491	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/22/76-09/22/76	0	1	
ROMO0492	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/76-09/24/76	0	1	
ROMO0493	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/23/76-09/23/76	0	1	
ROMO0495	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/23/76-09/23/76	0	1	
ROMO0496	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/76-09/24/76	0	1	
ROMO0497	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/22/76-09/22/76	0	1	
ROMO0498	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/23/76-09/23/76	0	1	
ROMO0499	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/19/66-08/24/66	0	2	
ROMO0500	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/23/65-08/28/65	0	8	
ROMO0501	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/13/66-08/24/66	0	4	
ROMO0502	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/23/76-09/23/76	0	1	
ROMO0503	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/13/66-08/24/66	0	4	
ROMO0505	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/22/76-09/22/76	0	1	
ROMO0508	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/09/87-07/17/87	0	6	
ROMO0510	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/10/94-11/01/94	0	24	
ROMO0513	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/05/74-08/05/74	0	1	
ROMO0515	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/22/76-09/22/76	0	1	
ROMO0516	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/23/76-09/23/76	0	1	
ROMO0518	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/18/74-07/18/74	0	1	
ROMO0522	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/76-09/24/76	0	1	
ROMO0525	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/27/74-08/27/74	0	1	
ROMO0527	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/20/76-09/20/76	0	1	
ROMO0528	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/18/74-07/18/74	0	1	
ROMO0530	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/27/87-10/27/87	0	2	
ROMO0531	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/22/76-09/22/76	0	1	
ROMO0532	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/23/76-09/23/76	0	1	
ROMO0534	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/76-09/24/76	0	1	
ROMO0536	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/22/76-09/22/76	0	1	
ROMO0537	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/10/74-08/27/74	0	2	
ROMO0541	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/76-09/24/76	0	1	
ROMO0546	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/76-09/24/76	0	1	
ROMO0550	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/23/76-09/23/76	0	1	
ROMO0551	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/20/76-09/20/76	0	1	
ROMO0552	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM 25C)	09/24/76-09/24/76	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0560	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/23/76-09/23/76	0	1	
ROMO0562	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/76-09/24/76	0	1	
ROMO0573	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/04/85-10/04/85	0	1	
ROMO0583	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/22/76-09/22/76	0	1	
ROMO0586	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/76-09/24/76	0	1	
ROMO0591	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/06/85-10/06/85	0	1	
ROMO0593	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/76-09/24/76	0	1	
ROMO0596	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/20/76-09/20/76	0	1	
ROMO0599	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/20/76-09/20/76	0	1	
ROMO0604	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/20/76-09/20/76	0	1	
ROMO0606	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/76-09/24/76	0	1	
ROMO0609	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/76-09/24/76	0	1	
ROMO0612	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/76-09/24/76	0	1	
ROMO0626	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/76-09/24/76	0	1	
ROMO0627	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/23/76-09/23/76	0	1	
ROMO0629	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/76-09/24/76	0	1	
ROMO0630	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/76-09/24/76	0	1	
ROMO0637	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/76-09/24/76	0	1	
ROMO0638	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/17/77-10/02/96	18	156	A
ROMO0642	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/22/76-09/22/76	0	1	
ROMO0644	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/26/83-09/13/97	14	10	
ROMO0651	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/26/83-09/17/94	11	5	
ROMO0653	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/26/83-08/31/91	8	3	
ROMO0654	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/26/83-08/03/88	5	4	
ROMO0655	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/26/83-10/10/95	12	6	
ROMO0659	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/25/90-08/31/91	1	2	
ROMO0660	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/25/83-08/31/91	8	3	
ROMO0661	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/25/83-08/03/88	5	4	
ROMO0662	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/25/83-09/13/97	14	12	
ROMO0663	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/25/83-09/30/93	10	2	
ROMO0664	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/22/76-09/22/76	0	1	
ROMO0665	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/20/76-09/23/76	0	8	
ROMO0668	Yes	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/04/85-10/04/85	0	1	
ROMO0669	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/22/76-09/22/76	0	1	
ROMO0670	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/09/77-10/17/78	1	3	
ROMO0671	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/11/85-09/11/85	0	1	
ROMO0676	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/20/76-09/20/76	0	1	
ROMO0677	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/20/76-09/20/76	0	1	
ROMO0679	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/05/76-09/03/76	0	9	
ROMO0680	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/20/76-09/20/76	0	1	
ROMO0683	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/11/79-07/31/79	0	6	
ROMO0410	No	00096	SALINITY AT 25 DEGREES C (MG/ML)	11/19/87-11/19/87	0	1	
ROMO0226	Yes	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	02/03/87-12/03/88	1	11	
ROMO0228	Yes	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	02/03/87-08/24/88	1	10	
ROMO0229	Yes	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	09/22/87-09/22/87	0	1	
ROMO0230	Yes	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	02/03/87-10/08/88	1	11	
ROMO0251	Yes	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	02/03/87-08/24/88	1	9	
ROMO0255	Yes	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	02/03/87-12/03/88	1	11	
ROMO0317	Yes	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	01/20/87-01/20/89	2	14	
ROMO0319	Yes	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	01/20/87-07/20/88	1	9	
ROMO0321	Yes	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	01/20/87-01/20/89	2	17	
ROMO0342	Yes	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	07/14/87-07/13/88	0	2	
ROMO0343	Yes	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	07/13/88-07/13/88	0	1	
ROMO0369	Yes	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	07/14/87-07/13/88	0	2	
ROMO0372	Yes	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	07/14/87-07/13/88	0	2	
ROMO0646	Yes	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	08/11/87-08/11/87	0	1	
ROMO0648	Yes	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	08/11/87-08/11/87	0	1	
ROMO0657	Yes	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	08/11/87-08/11/87	0	1	
ROMO0658	Yes	00098	SAMPLING STATION LOCATION VERTICAL (METERS)	08/11/87-08/11/87	0	2	
ROMO0442	Yes	00111	RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI	08/04/81-08/24/81	0	12	
ROMO0443	Yes	00111	RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI	08/04/81-08/24/81	0	12	
ROMO0455	Yes	00111	RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI	08/04/81-08/24/81	0	12	
ROMO0506	Yes	00111	RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI	08/04/81-08/24/81	0	12	
ROMO0512	Yes	00111	RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI	08/04/81-08/24/81	0	12	
ROMO0542	Yes	00111	RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI	08/04/81-08/24/81	0	12	
ROMO0001	No	00154	SULFATE (AS S) WHOLE WATER, MG/L	09/15/85-09/15/85	0	1	
ROMO0005	No	00154	SULFATE (AS S) WHOLE WATER, MG/L	10/06/85-10/06/85	0	1	
ROMO0015	No	00154	SULFATE (AS S) WHOLE WATER, MG/L	09/15/85-09/15/85	0	1	
ROMO0018	No	00154	SULFATE (AS S) WHOLE WATER, MG/L	09/12/85-09/12/85	0	1	
ROMO0025	Yes	00154	SULFATE (AS S) WHOLE WATER, MG/L	10/02/85-10/02/85	0	1	
ROMO0035	Yes	00154	SULFATE (AS S) WHOLE WATER, MG/L	10/04/85-10/04/85	0	1	
ROMO0046	Yes	00154	SULFATE (AS S) WHOLE WATER, MG/L	10/04/85-10/04/85	0	1	

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Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0070	Yes	00154	SULFATE (AS S) WHOLE WATER, MG/L	10/10/85-10/10/85	0	1	
ROMO0071	Yes	00154	SULFATE (AS S) WHOLE WATER, MG/L	10/02/85-10/02/85	0	1	
ROMO0088	Yes	00154	SULFATE (AS S) WHOLE WATER, MG/L	10/04/85-10/04/85	0	1	
ROMO0095	Yes	00154	SULFATE (AS S) WHOLE WATER, MG/L	10/02/85-10/02/85	0	1	
ROMO0107	Yes	00154	SULFATE (AS S) WHOLE WATER, MG/L	10/02/85-10/02/85	0	1	
ROMO0135	Yes	00154	SULFATE (AS S) WHOLE WATER, MG/L	10/10/85-10/10/85	0	1	
ROMO0159	Yes	00154	SULFATE (AS S) WHOLE WATER, MG/L	10/02/85-10/02/85	0	1	
ROMO0163	Yes	00154	SULFATE (AS S) WHOLE WATER, MG/L	10/02/85-10/02/85	0	1	
ROMO0185	Yes	00154	SULFATE (AS S) WHOLE WATER, MG/L	10/10/85-10/10/85	0	1	
ROMO0294	Yes	00154	SULFATE (AS S) WHOLE WATER, MG/L	10/10/85-10/10/85	0	1	
ROMO0322	Yes	00154	SULFATE (AS S) WHOLE WATER, MG/L	10/10/85-10/10/85	0	1	
ROMO0338	Yes	00154	SULFATE (AS S) WHOLE WATER, MG/L	10/10/85-10/10/85	0	1	
ROMO0344	Yes	00154	SULFATE (AS S) WHOLE WATER, MG/L	10/04/85-10/04/85	0	1	
ROMO0374	Yes	00154	SULFATE (AS S) WHOLE WATER, MG/L	10/04/85-10/04/85	0	1	
ROMO0435	Yes	00154	SULFATE (AS S) WHOLE WATER, MG/L	10/04/85-10/04/85	0	1	
ROMO0466	Yes	00154	SULFATE (AS S) WHOLE WATER, MG/L	10/04/85-10/04/85	0	1	
ROMO0486	No	00154	SULFATE (AS S) WHOLE WATER, MG/L	09/12/85-09/12/85	0	1	
ROMO0490	Yes	00154	SULFATE (AS S) WHOLE WATER, MG/L	10/06/85-10/06/85	0	1	
ROMO0514	Yes	00154	SULFATE (AS S) WHOLE WATER, MG/L	06/01/88-06/16/88	0	3	
ROMO0519	Yes	00154	SULFATE (AS S) WHOLE WATER, MG/L	05/05/88-06/16/88	0	6	
ROMO0524	Yes	00154	SULFATE (AS S) WHOLE WATER, MG/L	05/05/88-06/16/88	0	7	
ROMO0573	Yes	00154	SULFATE (AS S) WHOLE WATER, MG/L	10/04/85-10/04/85	0	1	
ROMO0591	Yes	00154	SULFATE (AS S) WHOLE WATER, MG/L	10/06/85-10/06/85	0	1	
ROMO0652	Yes	00154	SULFATE (AS S) WHOLE WATER, MG/L	06/22/88-06/22/88	0	1	
ROMO0668	Yes	00154	SULFATE (AS S) WHOLE WATER, MG/L	10/04/85-10/04/85	0	1	
ROMO0671	No	00154	SULFATE (AS S) WHOLE WATER, MG/L	09/11/85-09/11/85	0	1	
ROMO0675	No	00154	SULFATE (AS S) WHOLE WATER, MG/L	05/15/88-06/27/88	0	7	
ROMO0427	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/28/98-05/28/98	0	3	
ROMO0445	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/14/76-09/27/76	0	2	
ROMO0450	Yes	00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/21/76-09/28/76	0	2	
ROMO0003	No	00300	OXYGEN, DISSOLVED MG/L	08/28/87-08/28/87	0	2	
ROMO0004	No	00300	OXYGEN, DISSOLVED MG/L	10/01/87-10/01/87	0	1	
ROMO0011	No	00300	OXYGEN, DISSOLVED MG/L	09/13/90-09/13/90	0	24	
ROMO0013	No	00300	OXYGEN, DISSOLVED MG/L	08/29/69-09/06/69	0	6	
ROMO0016	No	00300	OXYGEN, DISSOLVED MG/L	12/09/71-12/09/71	0	1	
ROMO0017	No	00300	OXYGEN, DISSOLVED MG/L	08/03/72-08/09/73	1	9	
ROMO0019	No	00300	OXYGEN, DISSOLVED MG/L	09/13/90-09/13/90	0	20	
ROMO0020	No	00300	OXYGEN, DISSOLVED MG/L	08/21/90-08/21/90	0	30	
ROMO0022	No	00300	OXYGEN, DISSOLVED MG/L	08/29/69-09/06/69	0	9	
ROMO0023	No	00300	OXYGEN, DISSOLVED MG/L	08/29/69-09/06/69	0	9	
ROMO0024	No	00300	OXYGEN, DISSOLVED MG/L	09/30/96-09/09/97	0	5	
ROMO0026	No	00300	OXYGEN, DISSOLVED MG/L	09/13/90-09/13/90	0	15	
ROMO0028	No	00300	OXYGEN, DISSOLVED MG/L	09/13/90-09/13/90	0	16	
ROMO0034	No	00300	OXYGEN, DISSOLVED MG/L	09/27/55-10/01/96	41	1025	T,A,S
ROMO0036	No	00300	OXYGEN, DISSOLVED MG/L	08/29/69-09/02/69	0	4	
ROMO0037	No	00300	OXYGEN, DISSOLVED MG/L	08/29/69-09/02/69	0	2	
ROMO0038	No	00300	OXYGEN, DISSOLVED MG/L	08/29/69-09/02/69	0	4	
ROMO0060	No	00300	OXYGEN, DISSOLVED MG/L	11/24/70-12/11/96	26	155	T,S
ROMO0063	No	00300	OXYGEN, DISSOLVED MG/L	08/22/73-10/02/96	23	345	T,A,S
ROMO0064	No	00300	OXYGEN, DISSOLVED MG/L	08/26/75-10/10/75	0	8	
ROMO0075	No	00300	OXYGEN, DISSOLVED MG/L	08/26/75-10/10/75	0	6	
ROMO0076	Yes	00300	OXYGEN, DISSOLVED MG/L	08/18/87-08/18/87	0	2	
ROMO0082	Yes	00300	OXYGEN, DISSOLVED MG/L	07/21/87-10/01/87	0	7	
ROMO0087	No	00300	OXYGEN, DISSOLVED MG/L	08/06/92-08/06/92	0	1	
ROMO0089	No	00300	OXYGEN, DISSOLVED MG/L	08/25/70-10/04/73	3	36	
ROMO0114	No	00300	OXYGEN, DISSOLVED MG/L	08/29/69-09/02/69	0	3	
ROMO0115	No	00300	OXYGEN, DISSOLVED MG/L	08/29/69-09/05/69	0	6	
ROMO0116	No	00300	OXYGEN, DISSOLVED MG/L	08/29/69-09/05/69	0	4	
ROMO0117	No	00300	OXYGEN, DISSOLVED MG/L	08/29/69-09/03/69	0	4	
ROMO0131	No	00300	OXYGEN, DISSOLVED MG/L	09/14/90-09/14/90	0	26	
ROMO0132	No	00300	OXYGEN, DISSOLVED MG/L	08/26/75-10/10/75	0	14	
ROMO0133	No	00300	OXYGEN, DISSOLVED MG/L	08/21/90-09/14/90	0	21	
ROMO0134	No	00300	OXYGEN, DISSOLVED MG/L	08/28/69-09/06/69	0	18	
ROMO0136	No	00300	OXYGEN, DISSOLVED MG/L	08/26/75-10/10/75	0	12	
ROMO0137	No	00300	OXYGEN, DISSOLVED MG/L	07/09/87-10/21/87	0	5	
ROMO0138	No	00300	OXYGEN, DISSOLVED MG/L	08/22/73-06/04/75	1	18	
ROMO0143	No	00300	OXYGEN, DISSOLVED MG/L	08/26/75-10/10/75	0	4	
ROMO0146	No	00300	OXYGEN, DISSOLVED MG/L	08/31/60-09/05/69	9	8	
ROMO0147	No	00300	OXYGEN, DISSOLVED MG/L	08/28/69-09/06/69	0	12	
ROMO0148	No	00300	OXYGEN, DISSOLVED MG/L	08/28/69-09/06/69	0	15	
ROMO0151	No	00300	OXYGEN, DISSOLVED MG/L	08/20/90-08/20/90	0	21	
ROMO0171	Yes	00300	OXYGEN, DISSOLVED MG/L	09/23/87-10/08/88	1	5	

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Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0173	No	00300	OXYGEN, DISSOLVED MG/L	07/24/87-07/24/87	0	2	
ROMO0276	Yes	00300	OXYGEN, DISSOLVED MG/L	07/05/88-10/15/88	0	6	
ROMO0277	Yes	00300	OXYGEN, DISSOLVED MG/L	08/02/95-08/02/95	0	1	
ROMO0299	Yes	00300	OXYGEN, DISSOLVED MG/L	07/05/88-10/15/88	0	6	
ROMO0300	Yes	00300	OXYGEN, DISSOLVED MG/L	08/02/95-08/02/95	0	1	
ROMO0309	Yes	00300	OXYGEN, DISSOLVED MG/L	10/27/87-10/27/87	0	1	
ROMO0317	Yes	00300	OXYGEN, DISSOLVED MG/L	07/20/87-07/20/87	0	1	
ROMO0323	Yes	00300	OXYGEN, DISSOLVED MG/L	10/27/87-10/27/87	0	1	
ROMO0346	Yes	00300	OXYGEN, DISSOLVED MG/L	01/16/92-02/03/92	0	3	
ROMO0347	Yes	00300	OXYGEN, DISSOLVED MG/L	07/21/87-07/21/87	0	1	
ROMO0350	Yes	00300	OXYGEN, DISSOLVED MG/L	01/16/92-03/11/92	0	11	
ROMO0363	Yes	00300	OXYGEN, DISSOLVED MG/L	08/12/87-09/18/89	2	17	
ROMO0373	Yes	00300	OXYGEN, DISSOLVED MG/L	07/17/87-11/10/87	0	12	
ROMO0376	Yes	00300	OXYGEN, DISSOLVED MG/L	07/06/88-10/08/88	0	7	
ROMO0377	Yes	00300	OXYGEN, DISSOLVED MG/L	08/02/95-08/02/95	0	1	
ROMO0380	Yes	00300	OXYGEN, DISSOLVED MG/L	06/30/79-10/13/79	0	9	
ROMO0385	Yes	00300	OXYGEN, DISSOLVED MG/L	06/30/79-10/13/79	0	9	
ROMO0395	Yes	00300	OXYGEN, DISSOLVED MG/L	07/06/88-10/08/88	0	6	
ROMO0396	Yes	00300	OXYGEN, DISSOLVED MG/L	08/02/95-08/02/95	0	1	
ROMO0404	Yes	00300	OXYGEN, DISSOLVED MG/L	01/26/95-03/17/97	2	28	
ROMO0407	Yes	00300	OXYGEN, DISSOLVED MG/L	08/31/87-08/31/87	0	1	
ROMO0410	No	00300	OXYGEN, DISSOLVED MG/L	09/02/70-03/10/97	26	246	T,A,S
ROMO0430	No	00300	OXYGEN, DISSOLVED MG/L	07/21/87-07/21/87	0	2	
ROMO0447	Yes	00300	OXYGEN, DISSOLVED MG/L	01/04/95-07/15/96	1	21	
ROMO0451	Yes	00300	OXYGEN, DISSOLVED MG/L	05/05/95-06/12/95	0	2	
ROMO0460	No	00300	OXYGEN, DISSOLVED MG/L	09/30/96-09/09/97	0	4	
ROMO0470	No	00300	OXYGEN, DISSOLVED MG/L	09/02/70-03/10/97	26	226	T,A,S
ROMO0472	No	00300	OXYGEN, DISSOLVED MG/L	07/05/87-11/10/87	0	14	
ROMO0475	No	00300	OXYGEN, DISSOLVED MG/L	10/18/75-10/18/75	0	1	
ROMO0476	No	00300	OXYGEN, DISSOLVED MG/L	08/23/65-08/28/65	0	6	
ROMO0477	No	00300	OXYGEN, DISSOLVED MG/L	11/16/73-05/08/75	1	6	
ROMO0480	No	00300	OXYGEN, DISSOLVED MG/L	08/23/65-08/28/65	0	6	
ROMO0483	No	00300	OXYGEN, DISSOLVED MG/L	10/12/73-04/02/92	18	98	
ROMO0489	Yes	00300	OXYGEN, DISSOLVED MG/L	08/23/65-08/28/65	0	6	
ROMO0500	No	00300	OXYGEN, DISSOLVED MG/L	08/23/65-08/28/65	0	6	
ROMO0508	Yes	00300	OXYGEN, DISSOLVED MG/L	07/09/87-07/17/87	0	3	
ROMO0509	Yes	00300	OXYGEN, DISSOLVED MG/L	05/03/85-07/21/87	2	9	
ROMO0511	Yes	00300	OXYGEN, DISSOLVED MG/L	05/03/85-06/23/87	2	8	
ROMO0517	Yes	00300	OXYGEN, DISSOLVED MG/L	05/03/85-06/23/87	2	8	
ROMO0523	Yes	00300	OXYGEN, DISSOLVED MG/L	05/03/85-06/23/87	2	8	
ROMO0526	Yes	00300	OXYGEN, DISSOLVED MG/L	05/03/85-07/21/87	2	9	
ROMO0529	Yes	00300	OXYGEN, DISSOLVED MG/L	05/03/85-07/21/87	2	9	
ROMO0530	Yes	00300	OXYGEN, DISSOLVED MG/L	10/27/87-10/27/87	0	1	
ROMO0013	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	09/06/69-09/06/69	0	4	
ROMO0022	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	09/06/69-09/06/69	0	5	
ROMO0023	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	09/06/69-09/06/69	0	7	
ROMO0060	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	09/26/91-09/26/91	0	1	
ROMO0115	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	09/05/69-09/05/69	0	2	
ROMO0116	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	09/05/69-09/05/69	0	2	
ROMO0134	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	09/06/69-09/06/69	0	10	
ROMO0146	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	09/05/69-09/05/69	0	2	
ROMO0147	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	09/06/69-09/06/69	0	4	
ROMO0148	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	09/06/69-09/06/69	0	7	
ROMO0410	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	10/19/87-01/14/88	0	3	
ROMO0470	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	05/17/88-05/17/88	0	1	
ROMO0009	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/07/66-11/08/66	0	3	
ROMO0084	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/07/66-11/08/66	0	3	
ROMO0152	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	09/07/66-09/07/66	0	1	
ROMO0469	No	00310	BOD, 5 DAY, 20 DEG C MG/L	06/08/77-03/15/83	5	3	
ROMO0476	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/23/65-08/28/65	0	6	
ROMO0480	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/23/65-08/28/65	0	6	
ROMO0481	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/24/66-08/24/66	0	1	
ROMO0483	No	00310	BOD, 5 DAY, 20 DEG C MG/L	12/17/71-01/25/89	17	63	
ROMO0489	Yes	00310	BOD, 5 DAY, 20 DEG C MG/L	08/23/65-08/28/65	0	6	
ROMO0500	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/23/65-08/28/65	0	6	
ROMO0433	No	00340	COD, .25N K2CR2O7 MG/L	07/19/66-08/24/66	0	3	
ROMO0461	Yes	00340	COD, .25N K2CR2O7 MG/L	07/14/66-08/24/66	0	4	
ROMO0476	No	00340	COD, .25N K2CR2O7 MG/L	08/23/65-08/28/65	0	6	
ROMO0479	No	00340	COD, .25N K2CR2O7 MG/L	07/14/66-08/24/66	0	4	
ROMO0480	No	00340	COD, .25N K2CR2O7 MG/L	08/23/65-08/28/65	0	6	
ROMO0481	No	00340	COD, .25N K2CR2O7 MG/L	03/08/66-08/25/66	0	25	
ROMO0489	Yes	00340	COD, .25N K2CR2O7 MG/L	08/23/65-08/28/65	0	4	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0499	No	00340	COD, .25N K2CR2O7 MG/L	07/19/66-08/24/66	0	2	
ROMO0500	No	00340	COD, .25N K2CR2O7 MG/L	08/23/65-08/28/65	0	5	
ROMO0501	Yes	00340	COD, .25N K2CR2O7 MG/L	07/13/66-08/24/66	0	4	
ROMO0503	Yes	00340	COD, .25N K2CR2O7 MG/L	07/13/66-08/24/66	0	4	
ROMO0002	No	00400	PH (STANDARD UNITS)	09/21/76-09/21/76	0	1	
ROMO0003	No	00400	PH (STANDARD UNITS)	08/28/87-10/06/87	0	3	
ROMO0004	No	00400	PH (STANDARD UNITS)	10/01/87-10/01/87	0	1	
ROMO0008	No	00400	PH (STANDARD UNITS)	09/21/76-09/21/76	0	1	
ROMO0009	No	00400	PH (STANDARD UNITS)	09/07/66-11/08/66	0	3	
ROMO0010	No	00400	PH (STANDARD UNITS)	09/16/76-09/16/76	0	1	
ROMO0012	No	00400	PH (STANDARD UNITS)	09/16/76-09/16/76	0	1	
ROMO0013	No	00400	PH (STANDARD UNITS)	08/29/69-08/29/69	0	2	
ROMO0014	No	00400	PH (STANDARD UNITS)	09/16/76-09/16/76	0	1	
ROMO0016	No	00400	PH (STANDARD UNITS)	12/09/71-12/09/71	0	1	
ROMO0017	No	00400	PH (STANDARD UNITS)	07/09/69-09/20/73	4	27	
ROMO0021	No	00400	PH (STANDARD UNITS)	09/23/76-09/23/76	0	1	
ROMO0022	No	00400	PH (STANDARD UNITS)	08/29/69-09/02/69	0	4	
ROMO0023	No	00400	PH (STANDARD UNITS)	08/29/69-08/29/69	0	2	
ROMO0024	No	00400	PH (STANDARD UNITS)	09/30/96-09/09/97	0	5	
ROMO0029	No	00400	PH (STANDARD UNITS)	09/20/76-09/20/76	0	1	
ROMO0033	No	00400	PH (STANDARD UNITS)	09/20/76-09/20/76	0	1	
ROMO0034	No	00400	PH (STANDARD UNITS)	09/27/55-10/01/96	41	855	T,A,S
ROMO0036	No	00400	PH (STANDARD UNITS)	08/29/69-09/02/69	0	4	
ROMO0037	No	00400	PH (STANDARD UNITS)	08/29/69-09/02/69	0	2	
ROMO0038	No	00400	PH (STANDARD UNITS)	08/29/69-09/02/69	0	4	
ROMO0041	Yes	00400	PH (STANDARD UNITS)	09/18/76-09/18/76	0	1	
ROMO0042	No	00400	PH (STANDARD UNITS)	09/22/76-09/22/76	0	1	
ROMO0043	Yes	00400	PH (STANDARD UNITS)	09/23/76-09/23/76	0	1	
ROMO0048	No	00400	PH (STANDARD UNITS)	09/23/76-09/23/76	0	1	
ROMO0049	No	00400	PH (STANDARD UNITS)	09/18/76-09/18/76	0	1	
ROMO0051	Yes	00400	PH (STANDARD UNITS)	09/18/76-09/18/76	0	1	
ROMO0052	Yes	00400	PH (STANDARD UNITS)	09/18/76-09/18/76	0	1	
ROMO0053	No	00400	PH (STANDARD UNITS)	09/23/76-09/23/76	0	1	
ROMO0057	No	00400	PH (STANDARD UNITS)	09/18/76-09/18/76	0	1	
ROMO0058	Yes	00400	PH (STANDARD UNITS)	09/23/76-09/23/76	0	1	
ROMO0059	No	00400	PH (STANDARD UNITS)	04/21/41-04/26/57	16	3	
ROMO0060	No	00400	PH (STANDARD UNITS)	11/24/70-03/05/97	26	155	T,S
ROMO0063	No	00400	PH (STANDARD UNITS)	11/13/73-10/02/96	22	333	T,A,S
ROMO0064	No	00400	PH (STANDARD UNITS)	08/26/75-10/10/75	0	8	
ROMO0065	Yes	00400	PH (STANDARD UNITS)	09/18/76-09/18/76	0	1	
ROMO0072	No	00400	PH (STANDARD UNITS)	09/22/76-09/22/76	0	1	
ROMO0075	No	00400	PH (STANDARD UNITS)	08/26/75-10/10/75	0	6	
ROMO0076	Yes	00400	PH (STANDARD UNITS)	08/18/87-08/18/87	0	2	
ROMO0077	No	00400	PH (STANDARD UNITS)	09/18/76-09/18/76	0	1	
ROMO0079	Yes	00400	PH (STANDARD UNITS)	09/18/76-09/18/76	0	1	
ROMO0080	Yes	00400	PH (STANDARD UNITS)	09/18/76-09/18/76	0	1	
ROMO0082	Yes	00400	PH (STANDARD UNITS)	07/21/87-10/01/87	0	7	
ROMO0084	No	00400	PH (STANDARD UNITS)	09/07/66-11/08/66	0	3	
ROMO0087	No	00400	PH (STANDARD UNITS)	08/06/92-08/06/92	0	1	
ROMO0089	No	00400	PH (STANDARD UNITS)	08/25/70-10/04/73	3	36	
ROMO0098	No	00400	PH (STANDARD UNITS)	09/23/76-09/23/76	0	1	
ROMO0108	No	00400	PH (STANDARD UNITS)	09/29/76-09/29/76	0	1	
ROMO0110	No	00400	PH (STANDARD UNITS)	11/27/73-11/27/73	0	1	
ROMO0111	No	00400	PH (STANDARD UNITS)	05/26/76-09/20/76	0	8	
ROMO0114	No	00400	PH (STANDARD UNITS)	08/29/69-09/02/69	0	3	
ROMO0115	No	00400	PH (STANDARD UNITS)	08/29/69-09/02/69	0	4	
ROMO0116	No	00400	PH (STANDARD UNITS)	08/29/69-08/30/69	0	2	
ROMO0117	No	00400	PH (STANDARD UNITS)	08/29/69-09/03/69	0	4	
ROMO0121	No	00400	PH (STANDARD UNITS)	09/21/76-09/21/76	0	1	
ROMO0129	Yes	00400	PH (STANDARD UNITS)	09/23/76-09/23/76	0	1	
ROMO0130	Yes	00400	PH (STANDARD UNITS)	07/08/74-07/08/74	0	1	
ROMO0132	No	00400	PH (STANDARD UNITS)	08/26/75-10/10/75	0	16	
ROMO0134	No	00400	PH (STANDARD UNITS)	08/28/69-09/03/69	0	8	
ROMO0136	No	00400	PH (STANDARD UNITS)	08/26/75-10/10/75	0	12	
ROMO0137	No	00400	PH (STANDARD UNITS)	07/09/87-10/21/87	0	9	
ROMO0138	No	00400	PH (STANDARD UNITS)	11/13/73-06/04/75	1	6	
ROMO0141	No	00400	PH (STANDARD UNITS)	09/02/92-09/27/93	1	4	
ROMO0142	No	00400	PH (STANDARD UNITS)	09/02/92-09/27/93	1	4	
ROMO0143	No	00400	PH (STANDARD UNITS)	08/26/75-10/10/75	0	4	
ROMO0146	No	00400	PH (STANDARD UNITS)	08/31/60-09/03/69	9	6	
ROMO0147	No	00400	PH (STANDARD UNITS)	08/28/69-09/03/69	0	7	
ROMO0148	No	00400	PH (STANDARD UNITS)	08/28/69-09/03/69	0	8	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0149	No	00400	PH (STANDARD UNITS)	09/21/76-09/21/76	0	1	
ROMO0152	Yes	00400	PH (STANDARD UNITS)	09/07/66-09/07/66	0	1	
ROMO0158	No	00400	PH (STANDARD UNITS)	09/23/76-09/23/76	0	1	
ROMO0161	No	00400	PH (STANDARD UNITS)	09/21/76-09/21/76	0	1	
ROMO0162	No	00400	PH (STANDARD UNITS)	09/21/76-09/21/76	0	1	
ROMO0165	Yes	00400	PH (STANDARD UNITS)	09/29/76-09/29/76	0	1	
ROMO0166	Yes	00400	PH (STANDARD UNITS)	09/23/76-09/23/76	0	1	
ROMO0167	Yes	00400	PH (STANDARD UNITS)	06/21/78-08/21/79	1	2	
ROMO0168	Yes	00400	PH (STANDARD UNITS)	07/02/74-07/02/74	0	1	
ROMO0169	Yes	00400	PH (STANDARD UNITS)	06/21/78-06/21/78	0	1	
ROMO0171	Yes	00400	PH (STANDARD UNITS)	09/23/87-09/18/89	1	16	
ROMO0173	No	00400	PH (STANDARD UNITS)	07/24/87-07/24/87	0	2	
ROMO0176	No	00400	PH (STANDARD UNITS)	05/26/76-09/20/76	0	9	
ROMO0180	Yes	00400	PH (STANDARD UNITS)	07/02/74-07/02/74	0	1	
ROMO0188	No	00400	PH (STANDARD UNITS)	09/23/76-09/23/76	0	1	
ROMO0193	Yes	00400	PH (STANDARD UNITS)	07/01/74-07/01/74	0	1	
ROMO0194	Yes	00400	PH (STANDARD UNITS)	07/05/78-08/21/79	1	2	
ROMO0201	No	00400	PH (STANDARD UNITS)	09/23/76-09/23/76	0	1	
ROMO0204	No	00400	PH (STANDARD UNITS)	09/23/76-09/23/76	0	1	
ROMO0213	No	00400	PH (STANDARD UNITS)	09/21/76-09/21/76	0	1	
ROMO0215	No	00400	PH (STANDARD UNITS)	06/28/74-06/28/74	0	1	
ROMO0220	No	00400	PH (STANDARD UNITS)	09/23/76-09/23/76	0	1	
ROMO0226	Yes	00400	PH (STANDARD UNITS)	12/03/88-05/05/92	3	7	
ROMO0227	Yes	00400	PH (STANDARD UNITS)	06/26/88-09/29/92	4	10	
ROMO0229	Yes	00400	PH (STANDARD UNITS)	08/29/89-06/23/92	2	12	
ROMO0230	Yes	00400	PH (STANDARD UNITS)	06/12/84-02/25/92	7	7	
ROMO0232	No	00400	PH (STANDARD UNITS)	09/21/76-09/21/76	0	1	
ROMO0241	No	00400	PH (STANDARD UNITS)	09/21/76-09/21/76	0	1	
ROMO0248	No	00400	PH (STANDARD UNITS)	09/24/76-09/24/76	0	1	
ROMO0254	Yes	00400	PH (STANDARD UNITS)	08/29/89-10/29/91	2	10	
ROMO0255	Yes	00400	PH (STANDARD UNITS)	01/05/88-12/03/88	0	2	
ROMO0268	Yes	00400	PH (STANDARD UNITS)	05/05/92-08/20/98	6	360	
ROMO0289	Yes	00400	PH (STANDARD UNITS)	08/28/90-08/28/90	0	2	
ROMO0301	Yes	00400	PH (STANDARD UNITS)	08/26/87-10/29/91	4	10	
ROMO0302	Yes	00400	PH (STANDARD UNITS)	04/15/92-09/15/98	6	431	
ROMO0309	Yes	00400	PH (STANDARD UNITS)	10/27/87-10/27/87	0	1	
ROMO0317	Yes	00400	PH (STANDARD UNITS)	08/23/88-04/28/92	3	10	
ROMO0318	Yes	00400	PH (STANDARD UNITS)	08/26/87-07/16/91	3	12	
ROMO0319	Yes	00400	PH (STANDARD UNITS)	11/13/88-11/13/88	0	1	
ROMO0320	Yes	00400	PH (STANDARD UNITS)	08/18/87-10/27/92	5	144	
ROMO0321	Yes	00400	PH (STANDARD UNITS)	02/21/88-04/28/92	4	10	
ROMO0323	Yes	00400	PH (STANDARD UNITS)	10/27/87-10/27/87	0	1	
ROMO0327	Yes	00400	PH (STANDARD UNITS)	08/29/89-06/23/92	2	9	
ROMO0329	Yes	00400	PH (STANDARD UNITS)	09/23/76-09/23/76	0	1	
ROMO0341	Yes	00400	PH (STANDARD UNITS)	07/14/86-09/12/91	5	4	
ROMO0343	Yes	00400	PH (STANDARD UNITS)	07/14/86-07/14/86	0	1	
ROMO0347	Yes	00400	PH (STANDARD UNITS)	07/21/87-07/21/87	0	1	
ROMO0355	Yes	00400	PH (STANDARD UNITS)	09/23/76-09/23/76	0	1	
ROMO0363	Yes	00400	PH (STANDARD UNITS)	08/12/87-09/18/89	2	19	
ROMO0365	Yes	00400	PH (STANDARD UNITS)	06/14/88-11/08/88	0	13	
ROMO0367	No	00400	PH (STANDARD UNITS)	09/21/76-09/21/76	0	1	
ROMO0368	Yes	00400	PH (STANDARD UNITS)	07/13/88-10/11/88	0	4	
ROMO0369	Yes	00400	PH (STANDARD UNITS)	09/05/89-09/12/91	2	3	
ROMO0370	Yes	00400	PH (STANDARD UNITS)	07/15/86-08/17/90	4	3	
ROMO0371	Yes	00400	PH (STANDARD UNITS)	07/15/86-07/15/86	0	1	
ROMO0372	Yes	00400	PH (STANDARD UNITS)	07/15/86-09/12/91	5	4	
ROMO0373	Yes	00400	PH (STANDARD UNITS)	07/17/87-11/10/87	0	12	
ROMO0379	Yes	00400	PH (STANDARD UNITS)	06/14/88-11/08/88	0	12	
ROMO0383	Yes	00400	PH (STANDARD UNITS)	09/23/76-09/23/76	0	1	
ROMO0387	Yes	00400	PH (STANDARD UNITS)	06/14/88-10/11/88	0	8	
ROMO0389	Yes	00400	PH (STANDARD UNITS)	09/23/76-09/23/76	0	1	
ROMO0403	Yes	00400	PH (STANDARD UNITS)	09/23/76-09/23/76	0	1	
ROMO0404	Yes	00400	PH (STANDARD UNITS)	01/26/95-03/17/97	2	29	
ROMO0407	Yes	00400	PH (STANDARD UNITS)	08/31/87-08/31/87	0	1	
ROMO0409	No	00400	PH (STANDARD UNITS)	09/21/76-09/21/76	0	1	
ROMO0410	No	00400	PH (STANDARD UNITS)	09/02/70-03/10/97	26	240	T,A,S
ROMO0412	Yes	00400	PH (STANDARD UNITS)	09/23/76-09/23/76	0	1	
ROMO0417	No	00400	PH (STANDARD UNITS)	09/21/76-09/21/76	0	1	
ROMO0421	No	00400	PH (STANDARD UNITS)	09/21/76-09/21/76	0	1	
ROMO0425	No	00400	PH (STANDARD UNITS)	09/24/76-09/24/76	0	1	
ROMO0428	Yes	00400	PH (STANDARD UNITS)	09/21/76-09/21/76	0	1	
ROMO0430	No	00400	PH (STANDARD UNITS)	07/21/87-07/21/87	0	2	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0433	No	00400	PH (STANDARD UNITS)	07/19/66-08/24/66	0	3	
ROMO0441	Yes	00400	PH (STANDARD UNITS)	07/15/74-07/15/74	0	1	
ROMO0447	Yes	00400	PH (STANDARD UNITS)	01/04/95-07/15/96	1	21	
ROMO0449	Yes	00400	PH (STANDARD UNITS)	09/21/76-09/21/76	0	1	
ROMO0451	Yes	00400	PH (STANDARD UNITS)	05/05/95-06/12/95	0	2	
ROMO0452	Yes	00400	PH (STANDARD UNITS)	09/24/76-09/24/76	0	1	
ROMO0453	Yes	00400	PH (STANDARD UNITS)	09/24/76-09/24/76	0	1	
ROMO0454	Yes	00400	PH (STANDARD UNITS)	09/23/76-09/23/76	0	1	
ROMO0457	Yes	00400	PH (STANDARD UNITS)	09/23/76-09/23/76	0	1	
ROMO0458	No	00400	PH (STANDARD UNITS)	09/21/76-09/21/76	0	1	
ROMO0460	No	00400	PH (STANDARD UNITS)	09/30/96-09/09/97	0	4	
ROMO0461	Yes	00400	PH (STANDARD UNITS)	07/14/66-08/24/66	0	4	
ROMO0462	Yes	00400	PH (STANDARD UNITS)	09/23/76-09/23/76	0	1	
ROMO0465	No	00400	PH (STANDARD UNITS)	09/24/76-09/24/76	0	1	
ROMO0469	No	00400	PH (STANDARD UNITS)	06/08/77-09/27/78	1	2	
ROMO0470	No	00400	PH (STANDARD UNITS)	09/02/70-03/10/97	26	222	T,A,S
ROMO0471	No	00400	PH (STANDARD UNITS)	09/22/76-09/22/76	0	1	
ROMO0472	No	00400	PH (STANDARD UNITS)	07/05/87-11/10/87	0	14	
ROMO0474	No	00400	PH (STANDARD UNITS)	05/09/72-05/09/72	0	1	
ROMO0475	No	00400	PH (STANDARD UNITS)	10/18/75-10/18/75	0	1	
ROMO0476	No	00400	PH (STANDARD UNITS)	08/23/65-08/28/65	0	6	
ROMO0477	No	00400	PH (STANDARD UNITS)	11/16/73-05/08/75	1	6	
ROMO0479	No	00400	PH (STANDARD UNITS)	07/14/66-08/24/66	0	4	
ROMO0480	No	00400	PH (STANDARD UNITS)	08/23/65-08/28/65	0	6	
ROMO0481	No	00400	PH (STANDARD UNITS)	03/08/66-08/25/66	0	26	
ROMO0482	Yes	00400	PH (STANDARD UNITS)	09/23/76-09/23/76	0	1	
ROMO0483	No	00400	PH (STANDARD UNITS)	12/17/71-04/02/92	20	101	
ROMO0484	Yes	00400	PH (STANDARD UNITS)	06/28/74-06/28/74	0	1	
ROMO0487	No	00400	PH (STANDARD UNITS)	09/20/76-09/20/76	0	1	
ROMO0488	Yes	00400	PH (STANDARD UNITS)	09/23/76-09/23/76	0	1	
ROMO0489	Yes	00400	PH (STANDARD UNITS)	08/23/65-08/28/65	0	6	
ROMO0491	No	00400	PH (STANDARD UNITS)	09/22/76-09/22/76	0	1	
ROMO0492	Yes	00400	PH (STANDARD UNITS)	09/24/76-09/24/76	0	1	
ROMO0493	No	00400	PH (STANDARD UNITS)	09/23/76-09/23/76	0	1	
ROMO0495	Yes	00400	PH (STANDARD UNITS)	09/23/76-09/23/76	0	1	
ROMO0496	No	00400	PH (STANDARD UNITS)	09/24/76-09/24/76	0	1	
ROMO0497	No	00400	PH (STANDARD UNITS)	09/22/76-09/22/76	0	1	
ROMO0498	Yes	00400	PH (STANDARD UNITS)	09/23/76-09/23/76	0	1	
ROMO0499	No	00400	PH (STANDARD UNITS)	07/19/66-08/24/66	0	2	
ROMO0500	No	00400	PH (STANDARD UNITS)	08/23/65-08/28/65	0	6	
ROMO0501	Yes	00400	PH (STANDARD UNITS)	07/13/66-08/24/66	0	4	
ROMO0502	Yes	00400	PH (STANDARD UNITS)	09/23/76-09/23/76	0	1	
ROMO0503	Yes	00400	PH (STANDARD UNITS)	07/13/66-08/24/66	0	4	
ROMO0505	Yes	00400	PH (STANDARD UNITS)	09/22/76-09/22/76	0	1	
ROMO0508	Yes	00400	PH (STANDARD UNITS)	07/09/87-07/17/87	0	3	
ROMO0515	Yes	00400	PH (STANDARD UNITS)	09/22/76-09/22/76	0	1	
ROMO0516	Yes	00400	PH (STANDARD UNITS)	09/23/76-09/23/76	0	1	
ROMO0518	Yes	00400	PH (STANDARD UNITS)	07/18/74-07/18/74	0	1	
ROMO0522	Yes	00400	PH (STANDARD UNITS)	09/24/76-09/24/76	0	1	
ROMO0527	No	00400	PH (STANDARD UNITS)	09/20/76-09/20/76	0	1	
ROMO0528	Yes	00400	PH (STANDARD UNITS)	07/18/74-07/18/74	0	1	
ROMO0530	Yes	00400	PH (STANDARD UNITS)	10/27/87-10/27/87	0	1	
ROMO0531	Yes	00400	PH (STANDARD UNITS)	09/22/76-09/22/76	0	1	
ROMO0532	Yes	00400	PH (STANDARD UNITS)	09/23/76-09/23/76	0	1	
ROMO0534	Yes	00400	PH (STANDARD UNITS)	09/24/76-09/24/76	0	1	
ROMO0536	Yes	00400	PH (STANDARD UNITS)	09/22/76-09/22/76	0	1	
ROMO0537	Yes	00400	PH (STANDARD UNITS)	07/10/74-07/10/74	0	1	
ROMO0541	Yes	00400	PH (STANDARD UNITS)	09/24/76-09/24/76	0	1	
ROMO0546	Yes	00400	PH (STANDARD UNITS)	09/24/76-09/24/76	0	1	
ROMO0550	Yes	00400	PH (STANDARD UNITS)	09/23/76-09/23/76	0	1	
ROMO0551	No	00400	PH (STANDARD UNITS)	09/20/76-09/20/76	0	1	
ROMO0552	Yes	00400	PH (STANDARD UNITS)	09/24/76-09/24/76	0	1	
ROMO0560	Yes	00400	PH (STANDARD UNITS)	09/23/76-09/23/76	0	1	
ROMO0562	Yes	00400	PH (STANDARD UNITS)	09/24/76-09/24/76	0	1	
ROMO0583	No	00400	PH (STANDARD UNITS)	09/22/76-09/22/76	0	1	
ROMO0586	Yes	00400	PH (STANDARD UNITS)	09/24/76-09/24/76	0	1	
ROMO0593	Yes	00400	PH (STANDARD UNITS)	09/24/76-09/24/76	0	1	
ROMO0596	No	00400	PH (STANDARD UNITS)	09/20/76-09/20/76	0	1	
ROMO0599	No	00400	PH (STANDARD UNITS)	09/20/76-09/20/76	0	1	
ROMO0604	No	00400	PH (STANDARD UNITS)	09/20/76-09/20/76	0	1	
ROMO0606	Yes	00400	PH (STANDARD UNITS)	09/24/76-09/24/76	0	1	
ROMO0609	Yes	00400	PH (STANDARD UNITS)	09/24/76-09/24/76	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0612	Yes	00400	PH (STANDARD UNITS)	09/24/76-09/24/76	0	1	
ROMO0626	Yes	00400	PH (STANDARD UNITS)	09/24/76-09/24/76	0	1	
ROMO0627	No	00400	PH (STANDARD UNITS)	09/23/76-09/23/76	0	1	
ROMO0629	No	00400	PH (STANDARD UNITS)	09/24/76-09/24/76	0	1	
ROMO0630	No	00400	PH (STANDARD UNITS)	09/24/76-09/24/76	0	1	
ROMO0637	No	00400	PH (STANDARD UNITS)	09/24/76-09/24/76	0	1	
ROMO0642	No	00400	PH (STANDARD UNITS)	09/22/76-09/22/76	0	1	
ROMO0647	Yes	00400	PH (STANDARD UNITS)	08/06/86-08/03/88	1	2	
ROMO0657	Yes	00400	PH (STANDARD UNITS)	08/06/86-08/06/86	0	1	
ROMO0658	Yes	00400	PH (STANDARD UNITS)	08/11/87-08/11/87	0	1	
ROMO0659	Yes	00400	PH (STANDARD UNITS)	08/25/90-08/31/91	1	2	
ROMO0664	No	00400	PH (STANDARD UNITS)	09/22/76-09/22/76	0	1	
ROMO0665	No	00400	PH (STANDARD UNITS)	05/20/76-09/23/76	0	9	
ROMO0669	No	00400	PH (STANDARD UNITS)	09/22/76-09/22/76	0	1	
ROMO0676	No	00400	PH (STANDARD UNITS)	09/20/76-09/20/76	0	1	
ROMO0677	No	00400	PH (STANDARD UNITS)	09/20/76-09/20/76	0	1	
ROMO0679	No	00400	PH (STANDARD UNITS)	05/05/76-09/03/76	0	9	
ROMO0680	No	00400	PH (STANDARD UNITS)	09/20/76-09/20/76	0	1	
ROMO0683	No	00400	PH (STANDARD UNITS)	06/11/79-07/31/79	0	6	
ROMO0277	Yes	00402	SPECIFIC CONDUCTANCE,NON-TEMPERATURE CORR.UMHOS/CM	08/02/95-08/02/95	0	1	
ROMO0300	Yes	00402	SPECIFIC CONDUCTANCE,NON-TEMPERATURE CORR.UMHOS/CM	08/02/95-08/02/95	0	1	
ROMO0377	Yes	00402	SPECIFIC CONDUCTANCE,NON-TEMPERATURE CORR.UMHOS/CM	08/02/95-08/02/95	0	1	
ROMO0396	Yes	00402	SPECIFIC CONDUCTANCE,NON-TEMPERATURE CORR.UMHOS/CM	08/02/95-08/02/95	0	1	
ROMO0001	No	00403	PH, LAB, STANDARD UNITS SU	09/15/85-09/15/85	0	1	
ROMO0003	No	00403	PH, LAB, STANDARD UNITS SU	08/28/87-10/06/87	0	6	
ROMO0004	No	00403	PH, LAB, STANDARD UNITS SU	10/01/87-10/01/87	0	2	
ROMO0005	No	00403	PH, LAB, STANDARD UNITS SU	10/06/85-10/06/85	0	1	
ROMO0015	No	00403	PH, LAB, STANDARD UNITS SU	09/15/85-09/15/85	0	1	
ROMO0018	No	00403	PH, LAB, STANDARD UNITS SU	09/12/85-09/12/85	0	1	
ROMO0025	Yes	00403	PH, LAB, STANDARD UNITS SU	10/02/85-10/02/85	0	1	
ROMO0034	No	00403	PH, LAB, STANDARD UNITS SU	05/24/89-10/01/96	7	104	
ROMO0035	Yes	00403	PH, LAB, STANDARD UNITS SU	10/04/85-10/04/85	0	1	
ROMO0046	Yes	00403	PH, LAB, STANDARD UNITS SU	10/04/85-10/04/85	0	1	
ROMO0060	No	00403	PH, LAB, STANDARD UNITS SU	02/14/89-03/05/97	8	42	
ROMO0063	No	00403	PH, LAB, STANDARD UNITS SU	05/24/89-10/02/96	7	104	
ROMO0070	Yes	00403	PH, LAB, STANDARD UNITS SU	10/10/85-10/10/85	0	1	
ROMO0071	Yes	00403	PH, LAB, STANDARD UNITS SU	10/02/85-10/02/85	0	1	
ROMO0076	Yes	00403	PH, LAB, STANDARD UNITS SU	08/18/87-08/18/87	0	4	
ROMO0082	Yes	00403	PH, LAB, STANDARD UNITS SU	07/21/87-10/01/87	0	14	
ROMO0086	No	00403	PH, LAB, STANDARD UNITS SU	02/17/93-10/04/95	2	62	
ROMO0088	Yes	00403	PH, LAB, STANDARD UNITS SU	10/04/85-10/04/85	0	1	
ROMO0095	Yes	00403	PH, LAB, STANDARD UNITS SU	10/02/85-10/02/85	0	1	
ROMO0107	Yes	00403	PH, LAB, STANDARD UNITS SU	10/02/85-10/02/85	0	1	
ROMO0135	Yes	00403	PH, LAB, STANDARD UNITS SU	10/10/85-10/10/85	0	1	
ROMO0137	No	00403	PH, LAB, STANDARD UNITS SU	07/09/87-10/21/87	0	18	
ROMO0159	Yes	00403	PH, LAB, STANDARD UNITS SU	10/02/85-10/02/85	0	1	
ROMO0163	Yes	00403	PH, LAB, STANDARD UNITS SU	10/02/85-10/02/85	0	1	
ROMO0164	Yes	00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0170	Yes	00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0171	Yes	00403	PH, LAB, STANDARD UNITS SU	09/23/87-09/18/89	1	32	
ROMO0173	No	00403	PH, LAB, STANDARD UNITS SU	07/24/87-07/24/87	0	4	
ROMO0174	Yes	00403	PH, LAB, STANDARD UNITS SU	09/06/93-08/15/95	1	3	
ROMO0175	Yes	00403	PH, LAB, STANDARD UNITS SU	08/15/95-08/15/95	0	1	
ROMO0177	Yes	00403	PH, LAB, STANDARD UNITS SU	08/15/95-08/15/95	0	1	
ROMO0178	Yes	00403	PH, LAB, STANDARD UNITS SU	08/30/94-08/30/94	0	1	
ROMO0179	Yes	00403	PH, LAB, STANDARD UNITS SU	09/06/93-08/15/95	1	3	
ROMO0183	Yes	00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0185	Yes	00403	PH, LAB, STANDARD UNITS SU	10/10/85-10/10/85	0	1	
ROMO0186	Yes	00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0189	Yes	00403	PH, LAB, STANDARD UNITS SU	08/15/95-08/15/95	0	1	
ROMO0190	Yes	00403	PH, LAB, STANDARD UNITS SU	08/15/95-08/15/95	0	1	
ROMO0195	Yes	00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0196	Yes	00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0198	Yes	00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0200	Yes	00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0202	Yes	00403	PH, LAB, STANDARD UNITS SU	08/30/94-08/15/95	0	2	
ROMO0203	Yes	00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0205	Yes	00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0206	Yes	00403	PH, LAB, STANDARD UNITS SU	09/25/91-09/25/91	0	1	
ROMO0207	Yes	00403	PH, LAB, STANDARD UNITS SU	09/25/91-09/25/91	0	1	
ROMO0208	Yes	00403	PH, LAB, STANDARD UNITS SU	09/25/91-09/25/91	0	1	
ROMO0209	Yes	00403	PH, LAB, STANDARD UNITS SU	09/25/91-09/25/91	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0210	Yes	00403	PH, LAB, STANDARD UNITS SU	09/25/91-09/25/91	0	1	
ROMO0211	Yes	00403	PH, LAB, STANDARD UNITS SU	09/25/91-09/25/91	0	1	
ROMO0212	Yes	00403	PH, LAB, STANDARD UNITS SU	09/25/91-09/25/91	0	1	
ROMO0217	Yes	00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0218	Yes	00403	PH, LAB, STANDARD UNITS SU	07/19/83-10/07/97	14	50	
ROMO0219	Yes	00403	PH, LAB, STANDARD UNITS SU	08/13/91-10/07/97	6	22	
ROMO0221	Yes	00403	PH, LAB, STANDARD UNITS SU	04/16/83-08/24/88	5	26	
ROMO0222	Yes	00403	PH, LAB, STANDARD UNITS SU	04/16/83-04/17/97	14	53	
ROMO0223	Yes	00403	PH, LAB, STANDARD UNITS SU	12/06/82-04/17/97	14	56	
ROMO0224	Yes	00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0225	Yes	00403	PH, LAB, STANDARD UNITS SU	09/25/91-09/25/91	0	1	
ROMO0226	Yes	00403	PH, LAB, STANDARD UNITS SU	04/23/85-07/29/86	1	5	
ROMO0227	Yes	00403	PH, LAB, STANDARD UNITS SU	07/22/85-09/29/92	7	4	
ROMO0229	Yes	00403	PH, LAB, STANDARD UNITS SU	06/05/85-07/29/86	1	4	
ROMO0230	Yes	00403	PH, LAB, STANDARD UNITS SU	06/12/84-04/30/91	6	10	
ROMO0231	Yes	00403	PH, LAB, STANDARD UNITS SU	09/25/91-09/25/91	0	1	
ROMO0234	Yes	00403	PH, LAB, STANDARD UNITS SU	06/07/83-10/07/97	14	62	
ROMO0235	Yes	00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0237	Yes	00403	PH, LAB, STANDARD UNITS SU	09/25/91-09/25/91	0	1	
ROMO0239	Yes	00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0240	Yes	00403	PH, LAB, STANDARD UNITS SU	06/07/83-10/10/84	1	10	
ROMO0242	Yes	00403	PH, LAB, STANDARD UNITS SU	09/25/91-09/25/91	0	1	
ROMO0243	Yes	00403	PH, LAB, STANDARD UNITS SU	04/16/83-08/24/88	5	31	
ROMO0244	Yes	00403	PH, LAB, STANDARD UNITS SU	04/16/83-05/29/84	1	15	
ROMO0245	Yes	00403	PH, LAB, STANDARD UNITS SU	12/06/82-06/17/97	14	37	
ROMO0246	Yes	00403	PH, LAB, STANDARD UNITS SU	07/20/94-08/15/95	1	4	
ROMO0251	Yes	00403	PH, LAB, STANDARD UNITS SU	05/07/85-07/29/86	1	3	
ROMO0254	Yes	00403	PH, LAB, STANDARD UNITS SU	06/05/85-07/29/86	1	2	
ROMO0255	Yes	00403	PH, LAB, STANDARD UNITS SU	05/07/85-07/19/88	3	6	
ROMO0256	Yes	00403	PH, LAB, STANDARD UNITS SU	06/07/83-10/07/97	14	57	
ROMO0258	Yes	00403	PH, LAB, STANDARD UNITS SU	09/25/91-09/25/91	0	1	
ROMO0262	Yes	00403	PH, LAB, STANDARD UNITS SU	09/26/91-09/26/91	0	1	
ROMO0263	Yes	00403	PH, LAB, STANDARD UNITS SU	09/06/93-08/15/95	1	5	
ROMO0264	Yes	00403	PH, LAB, STANDARD UNITS SU	09/26/91-09/26/91	0	1	
ROMO0265	Yes	00403	PH, LAB, STANDARD UNITS SU	09/26/91-09/26/91	0	1	
ROMO0266	Yes	00403	PH, LAB, STANDARD UNITS SU	09/28/91-09/28/91	0	1	
ROMO0267	Yes	00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0270	Yes	00403	PH, LAB, STANDARD UNITS SU	09/28/91-09/28/91	0	1	
ROMO0271	Yes	00403	PH, LAB, STANDARD UNITS SU	09/26/91-09/26/91	0	1	
ROMO0272	Yes	00403	PH, LAB, STANDARD UNITS SU	09/26/91-09/26/91	0	1	
ROMO0274	Yes	00403	PH, LAB, STANDARD UNITS SU	09/26/91-09/26/91	0	1	
ROMO0275	Yes	00403	PH, LAB, STANDARD UNITS SU	09/26/91-09/26/91	0	1	
ROMO0277	Yes	00403	PH, LAB, STANDARD UNITS SU	08/02/95-08/02/95	0	1	
ROMO0278	Yes	00403	PH, LAB, STANDARD UNITS SU	09/26/91-09/26/91	0	1	
ROMO0279	Yes	00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0281	Yes	00403	PH, LAB, STANDARD UNITS SU	09/06/93-08/15/95	1	2	
ROMO0282	Yes	00403	PH, LAB, STANDARD UNITS SU	09/06/93-08/15/95	1	7	
ROMO0283	Yes	00403	PH, LAB, STANDARD UNITS SU	09/26/91-09/26/91	0	1	
ROMO0284	Yes	00403	PH, LAB, STANDARD UNITS SU	08/23/93-08/23/93	0	1	
ROMO0286	Yes	00403	PH, LAB, STANDARD UNITS SU	07/05/83-10/07/97	14	57	
ROMO0288	Yes	00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0289	Yes	00403	PH, LAB, STANDARD UNITS SU	08/28/90-08/28/90	0	1	
ROMO0290	Yes	00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0291	Yes	00403	PH, LAB, STANDARD UNITS SU	06/21/88-07/29/97	9	6	
ROMO0292	Yes	00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0293	Yes	00403	PH, LAB, STANDARD UNITS SU	09/06/93-08/15/95	1	5	
ROMO0294	Yes	00403	PH, LAB, STANDARD UNITS SU	10/10/85-10/10/85	0	1	
ROMO0295	Yes	00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0296	Yes	00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0298	Yes	00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	0	2	
ROMO0300	Yes	00403	PH, LAB, STANDARD UNITS SU	08/02/95-08/02/95	0	1	
ROMO0301	Yes	00403	PH, LAB, STANDARD UNITS SU	06/27/85-10/11/88	3	5	
ROMO0305	Yes	00403	PH, LAB, STANDARD UNITS SU	09/06/93-08/15/95	1	5	
ROMO0307	Yes	00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0308	Yes	00403	PH, LAB, STANDARD UNITS SU	12/07/82-10/07/97	14	114	
ROMO0309	Yes	00403	PH, LAB, STANDARD UNITS SU	10/27/87-10/27/87	0	2	
ROMO0310	Yes	00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0311	Yes	00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0313	Yes	00403	PH, LAB, STANDARD UNITS SU	04/04/83-11/13/88	5	26	
ROMO0314	Yes	00403	PH, LAB, STANDARD UNITS SU	04/04/83-03/18/97	13	69	
ROMO0315	Yes	00403	PH, LAB, STANDARD UNITS SU	12/07/82-12/23/97	15	81	
ROMO0317	Yes	00403	PH, LAB, STANDARD UNITS SU	04/22/85-12/11/90	5	9	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0318	Yes	00403	PH, LAB, STANDARD UNITS SU	06/03/85-09/24/87	2	5	
ROMO0320	Yes	00403	PH, LAB, STANDARD UNITS SU	04/30/85-10/27/92	7	36	
ROMO0321	Yes	00403	PH, LAB, STANDARD UNITS SU	04/22/85-12/11/90	5	12	
ROMO0322	Yes	00403	PH, LAB, STANDARD UNITS SU	10/10/85-10/10/85	0	1	
ROMO0323	Yes	00403	PH, LAB, STANDARD UNITS SU	10/27/87-10/27/87	0	2	
ROMO0324	Yes	00403	PH, LAB, STANDARD UNITS SU	04/30/95-08/21/95	0	5	
ROMO0325	Yes	00403	PH, LAB, STANDARD UNITS SU	12/07/82-12/30/97	15	577	A
ROMO0326	Yes	00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0327	Yes	00403	PH, LAB, STANDARD UNITS SU	06/03/85-07/30/86	1	3	
ROMO0328	Yes	00403	PH, LAB, STANDARD UNITS SU	12/08/82-10/07/97	14	50	
ROMO0331	Yes	00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0332	Yes	00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0333	Yes	00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0334	Yes	00403	PH, LAB, STANDARD UNITS SU	08/10/83-07/16/97	13	11	
ROMO0335	Yes	00403	PH, LAB, STANDARD UNITS SU	08/10/83-08/10/83	0	1	
ROMO0336	Yes	00403	PH, LAB, STANDARD UNITS SU	08/10/83-07/13/88	4	3	
ROMO0337	Yes	00403	PH, LAB, STANDARD UNITS SU	08/10/83-07/13/88	4	3	
ROMO0338	Yes	00403	PH, LAB, STANDARD UNITS SU	10/10/85-10/10/85	0	1	
ROMO0339	Yes	00403	PH, LAB, STANDARD UNITS SU	09/06/93-08/15/95	1	6	
ROMO0344	Yes	00403	PH, LAB, STANDARD UNITS SU	10/04/85-10/04/85	0	1	
ROMO0347	Yes	00403	PH, LAB, STANDARD UNITS SU	07/21/87-07/21/87	0	2	
ROMO0349	Yes	00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	0	2	
ROMO0352	Yes	00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0353	Yes	00403	PH, LAB, STANDARD UNITS SU	08/10/83-09/28/93	10	8	
ROMO0354	Yes	00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	0	2	
ROMO0357	Yes	00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0358	Yes	00403	PH, LAB, STANDARD UNITS SU	08/10/83-07/16/97	13	9	
ROMO0359	Yes	00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0360	Yes	00403	PH, LAB, STANDARD UNITS SU	08/10/83-08/10/83	0	1	
ROMO0361	Yes	00403	PH, LAB, STANDARD UNITS SU	08/10/83-08/31/92	9	6	
ROMO0362	Yes	00403	PH, LAB, STANDARD UNITS SU	08/10/83-08/30/94	11	8	
ROMO0363	Yes	00403	PH, LAB, STANDARD UNITS SU	08/12/87-09/18/89	2	40	
ROMO0373	Yes	00403	PH, LAB, STANDARD UNITS SU	07/17/87-11/10/87	0	24	
ROMO0374	Yes	00403	PH, LAB, STANDARD UNITS SU	10/04/85-10/04/85	0	1	
ROMO0377	Yes	00403	PH, LAB, STANDARD UNITS SU	08/02/95-08/02/95	0	1	
ROMO0381	Yes	00403	PH, LAB, STANDARD UNITS SU	02/17/93-10/11/95	2	393	
ROMO0382	Yes	00403	PH, LAB, STANDARD UNITS SU	07/06/94-08/17/95	1	4	
ROMO0386	Yes	00403	PH, LAB, STANDARD UNITS SU	08/17/95-08/17/95	0	1	
ROMO0392	Yes	00403	PH, LAB, STANDARD UNITS SU	08/17/95-08/17/95	0	1	
ROMO0394	Yes	00403	PH, LAB, STANDARD UNITS SU	08/17/95-08/17/95	0	1	
ROMO0396	Yes	00403	PH, LAB, STANDARD UNITS SU	08/02/95-08/02/95	0	1	
ROMO0397	Yes	00403	PH, LAB, STANDARD UNITS SU	08/17/95-08/17/95	0	1	
ROMO0404	Yes	00403	PH, LAB, STANDARD UNITS SU	01/26/95-02/18/97	2	28	
ROMO0405	Yes	00403	PH, LAB, STANDARD UNITS SU	06/22/88-06/22/88	0	1	
ROMO0407	Yes	00403	PH, LAB, STANDARD UNITS SU	08/31/87-08/31/87	0	2	
ROMO0408	Yes	00403	PH, LAB, STANDARD UNITS SU	06/22/88-06/22/88	0	1	
ROMO0410	No	00403	PH, LAB, STANDARD UNITS SU	12/18/80-03/10/97	16	132	A
ROMO0411	Yes	00403	PH, LAB, STANDARD UNITS SU	08/17/95-08/17/95	0	1	
ROMO0413	Yes	00403	PH, LAB, STANDARD UNITS SU	08/17/95-08/17/95	0	1	
ROMO0415	Yes	00403	PH, LAB, STANDARD UNITS SU	08/17/95-08/17/95	0	1	
ROMO0416	Yes	00403	PH, LAB, STANDARD UNITS SU	07/06/94-08/17/95	1	3	
ROMO0419	Yes	00403	PH, LAB, STANDARD UNITS SU	07/06/94-08/17/95	1	2	
ROMO0420	Yes	00403	PH, LAB, STANDARD UNITS SU	07/06/94-08/17/95	1	2	
ROMO0424	Yes	00403	PH, LAB, STANDARD UNITS SU	09/11/93-08/17/95	1	6	
ROMO0426	Yes	00403	PH, LAB, STANDARD UNITS SU	09/11/93-08/17/95	1	4	
ROMO0430	No	00403	PH, LAB, STANDARD UNITS SU	07/21/87-08/08/89	2	7	
ROMO0435	Yes	00403	PH, LAB, STANDARD UNITS SU	10/04/85-10/04/85	0	1	
ROMO0436	Yes	00403	PH, LAB, STANDARD UNITS SU	02/17/93-10/19/93	0	24	
ROMO0437	Yes	00403	PH, LAB, STANDARD UNITS SU	02/11/93-11/01/94	1	49	
ROMO0438	Yes	00403	PH, LAB, STANDARD UNITS SU	02/11/93-10/04/95	2	190	
ROMO0440	Yes	00403	PH, LAB, STANDARD UNITS SU	02/11/93-10/04/95	2	225	
ROMO0444	Yes	00403	PH, LAB, STANDARD UNITS SU	07/19/93-10/20/94	1	26	
ROMO0445	Yes	00403	PH, LAB, STANDARD UNITS SU	09/14/76-09/27/76	0	2	
ROMO0447	Yes	00403	PH, LAB, STANDARD UNITS SU	01/04/95-10/04/95	0	11	
ROMO0448	Yes	00403	PH, LAB, STANDARD UNITS SU	02/17/93-11/01/94	1	49	
ROMO0450	Yes	00403	PH, LAB, STANDARD UNITS SU	09/21/76-09/28/76	0	2	
ROMO0451	Yes	00403	PH, LAB, STANDARD UNITS SU	01/04/95-06/12/95	0	3	
ROMO0464	No	00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0466	Yes	00403	PH, LAB, STANDARD UNITS SU	10/04/85-10/04/85	0	1	
ROMO0470	No	00403	PH, LAB, STANDARD UNITS SU	11/19/80-03/10/97	16	109	
ROMO0472	No	00403	PH, LAB, STANDARD UNITS SU	07/05/87-11/10/87	0	28	
ROMO0486	No	00403	PH, LAB, STANDARD UNITS SU	09/12/85-09/12/85	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0490	Yes	00403	PH, LAB, STANDARD UNITS SU	10/06/85-10/06/85	0	1	
ROMO0508	Yes	00403	PH, LAB, STANDARD UNITS SU	07/09/87-07/17/87	0	6	
ROMO0510	Yes	00403	PH, LAB, STANDARD UNITS SU	03/10/94-11/01/94	0	24	
ROMO0514	Yes	00403	PH, LAB, STANDARD UNITS SU	06/01/88-06/16/88	0	3	
ROMO0519	Yes	00403	PH, LAB, STANDARD UNITS SU	05/05/88-06/16/88	0	7	
ROMO0521	Yes	00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0524	Yes	00403	PH, LAB, STANDARD UNITS SU	05/05/88-06/16/88	0	7	
ROMO0530	Yes	00403	PH, LAB, STANDARD UNITS SU	10/27/87-10/27/87	0	2	
ROMO0533	Yes	00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0535	Yes	00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0538	Yes	00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0540	Yes	00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0543	Yes	00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	0	2	
ROMO0544	Yes	00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0545	Yes	00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0547	Yes	00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	0	2	
ROMO0548	Yes	00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0553	Yes	00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0554	Yes	00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0555	Yes	00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0556	Yes	00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0557	Yes	00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0558	Yes	00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0559	Yes	00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0561	Yes	00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0563	Yes	00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0564	Yes	00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0565	Yes	00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0566	Yes	00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0567	Yes	00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0568	Yes	00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0569	Yes	00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0570	Yes	00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	0	2	
ROMO0572	Yes	00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0573	Yes	00403	PH, LAB, STANDARD UNITS SU	10/04/85-10/04/85	0	1	
ROMO0574	Yes	00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0575	Yes	00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0576	Yes	00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0577	Yes	00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0578	Yes	00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0579	Yes	00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0580	Yes	00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	0	2	
ROMO0582	Yes	00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0584	Yes	00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0585	Yes	00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0587	Yes	00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0588	Yes	00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0589	Yes	00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0590	Yes	00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0591	Yes	00403	PH, LAB, STANDARD UNITS SU	10/06/85-10/06/85	0	1	
ROMO0592	Yes	00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0594	Yes	00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0595	Yes	00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0597	Yes	00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0598	Yes	00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0600	Yes	00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0601	Yes	00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0602	Yes	00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0603	Yes	00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0605	Yes	00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0607	Yes	00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0608	Yes	00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	0	2	
ROMO0610	Yes	00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0613	Yes	00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0615	Yes	00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0616	Yes	00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0617	Yes	00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0618	Yes	00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0619	Yes	00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0620	Yes	00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0621	Yes	00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0622	Yes	00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0623	Yes	00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0624	Yes	00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0625	Yes	00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0628	No	00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0632	No	00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0644	Yes	00403	PH, LAB, STANDARD UNITS SU	07/26/83-09/13/97	14	11	
ROMO0647	Yes	00403	PH, LAB, STANDARD UNITS SU	08/06/86-08/03/88	1	2	
ROMO0651	Yes	00403	PH, LAB, STANDARD UNITS SU	07/26/83-09/17/94	11	7	
ROMO0652	Yes	00403	PH, LAB, STANDARD UNITS SU	06/22/88-06/22/88	0	1	
ROMO0653	Yes	00403	PH, LAB, STANDARD UNITS SU	07/26/83-08/31/91	8	3	
ROMO0654	Yes	00403	PH, LAB, STANDARD UNITS SU	07/26/83-08/03/88	5	3	
ROMO0655	Yes	00403	PH, LAB, STANDARD UNITS SU	07/26/83-10/10/95	12	6	
ROMO0657	Yes	00403	PH, LAB, STANDARD UNITS SU	08/06/86-08/06/86	0	1	
ROMO0658	Yes	00403	PH, LAB, STANDARD UNITS SU	08/06/86-08/11/87	1	2	
ROMO0659	Yes	00403	PH, LAB, STANDARD UNITS SU	08/25/90-08/31/91	1	2	
ROMO0660	Yes	00403	PH, LAB, STANDARD UNITS SU	07/25/83-08/31/91	8	3	
ROMO0661	Yes	00403	PH, LAB, STANDARD UNITS SU	07/25/83-08/03/88	5	3	
ROMO0662	Yes	00403	PH, LAB, STANDARD UNITS SU	07/25/83-09/13/97	14	13	
ROMO0663	Yes	00403	PH, LAB, STANDARD UNITS SU	07/25/83-09/30/93	10	4	
ROMO0668	Yes	00403	PH, LAB, STANDARD UNITS SU	10/04/85-10/04/85	0	1	
ROMO0671	No	00403	PH, LAB, STANDARD UNITS SU	09/11/85-09/11/85	0	1	
ROMO0675	No	00403	PH, LAB, STANDARD UNITS SU	05/15/88-06/13/90	2	16	
ROMO0017	No	00405	CARBON DIOXIDE (MG/L AS CO2)	09/20/73-09/20/73	0	1	
ROMO0059	No	00405	CARBON DIOXIDE (MG/L AS CO2)	04/21/41-04/26/57	16	3	
ROMO0110	No	00405	CARBON DIOXIDE (MG/L AS CO2)	11/27/73-11/27/73	0	1	
ROMO0130	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	07/08/74-07/08/74	0	1	
ROMO0168	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	07/02/74-07/02/74	0	1	
ROMO0180	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	07/02/74-07/02/74	0	1	
ROMO0193	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	07/01/74-07/01/74	0	1	
ROMO0215	No	00405	CARBON DIOXIDE (MG/L AS CO2)	06/28/74-06/28/74	0	1	
ROMO0380	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	06/30/79-10/13/79	0	9	
ROMO0385	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	06/30/79-10/13/79	0	9	
ROMO0410	No	00405	CARBON DIOXIDE (MG/L AS CO2)	08/11/76-09/19/79	3	26	
ROMO0441	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	07/15/74-07/15/74	0	1	
ROMO0470	No	00405	CARBON DIOXIDE (MG/L AS CO2)	09/18/75-09/19/79	4	40	
ROMO0484	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	06/28/74-06/28/74	0	1	
ROMO0509	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	05/03/85-07/21/87	2	9	
ROMO0511	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	05/03/85-06/23/87	2	8	
ROMO0517	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	05/03/85-06/23/87	2	8	
ROMO0518	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	07/18/74-07/18/74	0	1	
ROMO0523	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	05/03/85-06/23/87	2	8	
ROMO0526	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	05/03/85-07/21/87	2	9	
ROMO0528	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	07/18/74-07/18/74	0	1	
ROMO0529	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	05/03/85-07/21/87	2	9	
ROMO0537	Yes	00405	CARBON DIOXIDE (MG/L AS CO2)	07/10/74-07/10/74	0	1	
ROMO0164	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0170	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0182	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0183	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0186	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0195	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0196	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0198	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0200	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0203	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0205	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0217	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0218	Yes	00406	PH, FIELD, STANDARD UNITS SU	06/14/82-10/07/97	15	66	
ROMO0219	Yes	00406	PH, FIELD, STANDARD UNITS SU	09/17/91-10/07/97	6	21	
ROMO0221	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/20/82-08/24/88	6	63	
ROMO0222	Yes	00406	PH, FIELD, STANDARD UNITS SU	06/14/82-04/17/97	14	79	
ROMO0223	Yes	00406	PH, FIELD, STANDARD UNITS SU	06/14/82-04/17/97	14	84	
ROMO0234	Yes	00406	PH, FIELD, STANDARD UNITS SU	06/14/82-10/07/97	15	82	
ROMO0235	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0239	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0240	Yes	00406	PH, FIELD, STANDARD UNITS SU	06/08/82-10/10/84	2	18	
ROMO0243	Yes	00406	PH, FIELD, STANDARD UNITS SU	06/08/82-08/24/88	6	52	
ROMO0244	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/13/82-05/29/84	1	21	
ROMO0245	Yes	00406	PH, FIELD, STANDARD UNITS SU	06/08/82-06/17/97	15	63	
ROMO0256	Yes	00406	PH, FIELD, STANDARD UNITS SU	05/18/82-10/07/97	15	79	
ROMO0257	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0267	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0279	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0284	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/23/93-08/23/93	0	1	
ROMO0286	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/05/83-10/07/97	14	66	
ROMO0287	Yes	00406	PH, FIELD, STANDARD UNITS SU	06/08/82-10/21/82	0	7	
ROMO0288	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0290	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0291	Yes	00406	PH, FIELD, STANDARD UNITS SU	06/21/88-07/29/97	9	5	
ROMO0292	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0295	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0296	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0298	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	0	2	
ROMO0307	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0308	Yes	00406	PH, FIELD, STANDARD UNITS SU	05/11/82-10/07/97	15	137	
ROMO0310	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0311	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0313	Yes	00406	PH, FIELD, STANDARD UNITS SU	06/02/82-11/13/88	6	75	
ROMO0314	Yes	00406	PH, FIELD, STANDARD UNITS SU	06/02/82-03/18/97	14	95	
ROMO0315	Yes	00406	PH, FIELD, STANDARD UNITS SU	05/11/82-12/23/97	15	110	
ROMO0316	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/14/82-10/21/82	0	6	
ROMO0325	Yes	00406	PH, FIELD, STANDARD UNITS SU	05/11/82-12/30/97	15	621	A
ROMO0326	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0328	Yes	00406	PH, FIELD, STANDARD UNITS SU	12/08/82-10/07/97	14	61	
ROMO0331	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0332	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0333	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0334	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/20/81-07/16/97	15	25	
ROMO0335	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/02/82-08/10/83	1	3	
ROMO0336	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/02/82-07/13/88	6	6	
ROMO0337	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/06/81-07/13/88	7	17	
ROMO0352	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0353	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/20/81-09/28/93	12	22	
ROMO0354	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	0	2	
ROMO0357	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0358	Yes	00406	PH, FIELD, STANDARD UNITS SU	08/03/81-07/16/97	15	21	
ROMO0359	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0360	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/02/82-08/10/83	1	3	
ROMO0361	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/02/82-09/12/91	9	9	
ROMO0362	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/06/81-08/30/94	13	27	
ROMO0380	Yes	00406	PH, FIELD, STANDARD UNITS SU	06/30/79-10/13/79	0	9	
ROMO0385	Yes	00406	PH, FIELD, STANDARD UNITS SU	06/30/79-10/13/79	0	9	
ROMO0427	Yes	00406	PH, FIELD, STANDARD UNITS SU	05/28/98-05/28/98	0	3	
ROMO0509	Yes	00406	PH, FIELD, STANDARD UNITS SU	05/03/85-07/21/87	2	9	
ROMO0511	Yes	00406	PH, FIELD, STANDARD UNITS SU	05/03/85-06/23/87	2	8	
ROMO0517	Yes	00406	PH, FIELD, STANDARD UNITS SU	05/03/85-06/23/87	2	8	
ROMO0523	Yes	00406	PH, FIELD, STANDARD UNITS SU	05/03/85-06/23/87	2	8	
ROMO0526	Yes	00406	PH, FIELD, STANDARD UNITS SU	05/03/85-07/21/87	2	9	
ROMO0529	Yes	00406	PH, FIELD, STANDARD UNITS SU	05/03/85-07/21/87	2	9	
ROMO0535	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0538	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0540	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0543	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	0	2	
ROMO0547	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0548	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0557	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0558	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0561	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0564	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0565	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0566	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0567	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0568	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0569	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0572	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0574	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0576	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0577	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0578	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0579	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0580	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	0	2	
ROMO0582	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0584	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0585	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0587	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0588	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0589	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0590	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0592	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0594	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0595	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0597	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0598	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0600	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0601	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0602	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0603	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0605	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0607	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0610	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0613	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0617	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0618	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0620	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0621	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0622	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0623	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0624	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	0	1	
ROMO0644	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/08/82-09/13/97	15	13	
ROMO0651	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/26/83-09/17/94	11	5	
ROMO0653	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/08/82-08/31/91	9	6	
ROMO0654	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/08/82-08/03/88	6	7	
ROMO0655	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/08/82-10/10/95	13	10	
ROMO0660	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/08/82-08/31/91	9	6	
ROMO0661	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/08/82-08/03/88	6	7	
ROMO0662	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/08/82-09/13/97	15	16	
ROMO0663	Yes	00406	PH, FIELD, STANDARD UNITS SU	07/08/82-09/30/93	11	5	
ROMO0673	No	00406	PH, FIELD, STANDARD UNITS SU	03/18/65-03/20/65	0	3	
ROMO0678	No	00406	PH, FIELD, STANDARD UNITS SU	04/28/64-09/26/65	1	51	
ROMO0681	No	00406	PH, FIELD, STANDARD UNITS SU	04/28/64-09/26/65	1	51	
ROMO0684	No	00406	PH, FIELD, STANDARD UNITS SU	03/18/65-03/20/65	0	3	
ROMO0001	No	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	09/15/85-09/15/85	0	1	
ROMO0005	No	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	10/06/85-10/06/85	0	1	
ROMO0015	No	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	09/15/85-09/15/85	0	1	
ROMO0018	No	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	09/12/85-09/12/85	0	1	
ROMO0025	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	10/02/85-10/02/85	0	1	
ROMO0035	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	10/04/85-10/04/85	0	1	
ROMO0046	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	10/04/85-10/04/85	0	1	
ROMO0070	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	10/10/85-10/10/85	0	1	
ROMO0071	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	10/02/85-10/02/85	0	1	
ROMO0086	No	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	02/17/93-10/04/95	2	62	
ROMO0088	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	10/04/85-10/04/85	0	1	
ROMO0095	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	10/02/85-10/02/85	0	1	
ROMO0107	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	10/02/85-10/02/85	0	1	
ROMO0135	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	10/10/85-10/10/85	0	1	
ROMO0159	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	10/02/85-10/02/85	0	1	
ROMO0163	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	10/02/85-10/02/85	0	1	
ROMO0164	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	0	1	
ROMO0170	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	0	1	
ROMO0174	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	09/06/93-08/15/95	1	3	
ROMO0175	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	08/15/95-08/15/95	0	1	
ROMO0177	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	08/15/95-08/15/95	0	1	
ROMO0178	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	08/30/94-08/30/94	0	1	
ROMO0179	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	09/06/93-08/15/95	1	3	
ROMO0183	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	0	1	
ROMO0185	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	10/10/85-10/10/85	0	1	
ROMO0186	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	0	1	
ROMO0189	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	08/15/95-08/15/95	0	1	
ROMO0190	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	08/15/95-08/15/95	0	1	
ROMO0195	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	0	1	
ROMO0196	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	0	1	
ROMO0198	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	0	1	
ROMO0200	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	0	1	
ROMO0202	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	08/30/94-08/15/95	0	2	
ROMO0203	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	0	1	
ROMO0205	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0217	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	0	1	
ROMO0224	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	0	1	
ROMO0235	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	0	1	
ROMO0239	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	0	1	
ROMO0246	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/20/94-08/15/95	1	4	
ROMO0257	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	0	1	
ROMO0263	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	09/06/93-08/15/95	1	5	
ROMO0267	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	0	1	
ROMO0276	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/19/88-10/15/88	0	4	
ROMO0277	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	08/02/95-08/02/95	0	1	
ROMO0279	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	0	1	
ROMO0281	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	09/06/93-08/15/95	1	2	
ROMO0282	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	09/06/93-08/15/95	1	7	
ROMO0288	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	0	1	
ROMO0290	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	0	1	
ROMO0292	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	0	1	
ROMO0293	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	09/06/93-08/15/95	1	5	
ROMO0294	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	10/10/85-10/10/85	0	1	
ROMO0295	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	0	1	
ROMO0296	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	0	1	
ROMO0298	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	0	2	
ROMO0299	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/19/88-10/15/88	0	4	
ROMO0300	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	08/02/95-08/02/95	0	1	
ROMO0305	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	09/06/93-08/15/95	1	5	
ROMO0307	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	0	1	
ROMO0310	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	0	1	
ROMO0311	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	0	1	
ROMO0322	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	10/10/85-10/10/85	0	1	
ROMO0324	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	04/30/95-08/21/95	0	5	
ROMO0326	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	0	1	
ROMO0331	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	0	1	
ROMO0332	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	0	1	
ROMO0333	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	0	1	
ROMO0338	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	10/10/85-10/10/85	0	1	
ROMO0339	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	09/06/93-08/15/95	1	6	
ROMO0344	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	10/04/85-10/04/85	0	1	
ROMO0349	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	0	2	
ROMO0352	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	0	1	
ROMO0354	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	0	2	
ROMO0357	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	0	1	
ROMO0359	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	0	1	
ROMO0364	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	0	1	
ROMO0374	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	10/04/85-10/04/85	0	1	
ROMO0376	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/20/88-10/08/88	0	5	
ROMO0377	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	08/02/95-08/02/95	0	1	
ROMO0381	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	02/17/93-10/11/95	2	393	
ROMO0382	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/06/94-08/17/95	1	4	
ROMO0386	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	08/17/95-08/17/95	0	1	
ROMO0392	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	08/17/95-08/17/95	0	1	
ROMO0394	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	08/17/95-08/17/95	0	1	
ROMO0395	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/20/88-10/08/88	0	4	
ROMO0396	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	08/02/95-08/02/95	0	1	
ROMO0397	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	08/17/95-08/17/95	0	1	
ROMO0411	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	08/17/95-08/17/95	0	1	
ROMO0413	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	08/17/95-08/17/95	0	1	
ROMO0415	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	08/17/95-08/17/95	0	1	
ROMO0416	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/06/94-08/17/95	1	3	
ROMO0419	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/06/94-08/17/95	1	2	
ROMO0420	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/06/94-08/17/95	1	2	
ROMO0424	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	09/11/93-08/17/95	1	6	
ROMO0426	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	09/11/93-08/17/95	1	4	
ROMO0435	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	10/04/85-10/04/85	0	1	
ROMO0436	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	02/17/93-10/19/93	0	24	
ROMO0437	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	02/11/93-11/01/94	1	49	
ROMO0438	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	02/11/93-10/04/95	2	190	
ROMO0440	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	02/11/93-10/04/95	2	225	
ROMO0444	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/19/93-10/20/94	1	26	
ROMO0448	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	02/17/93-11/01/94	1	49	
ROMO0464	No	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	0	1	
ROMO0466	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	10/04/85-10/04/85	0	1	
ROMO0486	No	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	09/12/85-09/12/85	0	1	
ROMO0490	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	10/06/85-10/06/85	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0510	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	03/10/94-11/01/94	0	24	
ROMO0521	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	0	1	
ROMO0533	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	0	1	
ROMO0535	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	0	1	
ROMO0538	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	0	1	
ROMO0540	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	0	1	
ROMO0543	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	0	2	
ROMO0544	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	0	1	
ROMO0545	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	0	1	
ROMO0547	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	0	2	
ROMO0548	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	0	1	
ROMO0553	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	0	1	
ROMO0554	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	0	1	
ROMO0555	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	0	1	
ROMO0556	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	0	1	
ROMO0557	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	0	1	
ROMO0558	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	0	1	
ROMO0559	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	0	1	
ROMO0561	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	0	1	
ROMO0563	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	0	1	
ROMO0564	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	0	1	
ROMO0565	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	0	1	
ROMO0566	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	0	1	
ROMO0567	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	0	1	
ROMO0568	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	0	1	
ROMO0569	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	0	1	
ROMO0570	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	0	2	
ROMO0572	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	0	1	
ROMO0573	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	10/04/85-10/04/85	0	1	
ROMO0574	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	0	1	
ROMO0575	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	0	1	
ROMO0576	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	0	1	
ROMO0577	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	0	1	
ROMO0578	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	0	1	
ROMO0579	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	0	1	
ROMO0580	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	0	2	
ROMO0582	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	0	1	
ROMO0584	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	0	1	
ROMO0585	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	0	1	
ROMO0587	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	0	1	
ROMO0588	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	0	1	
ROMO0589	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	0	1	
ROMO0590	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	0	1	
ROMO0591	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	10/06/85-10/06/85	0	1	
ROMO0592	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	0	1	
ROMO0594	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	0	1	
ROMO0595	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	0	1	
ROMO0597	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	0	1	
ROMO0598	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	0	1	
ROMO0600	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	0	1	
ROMO0601	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	0	1	
ROMO0602	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	0	1	
ROMO0603	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	0	1	
ROMO0605	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	0	1	
ROMO0607	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	0	1	
ROMO0608	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	0	2	
ROMO0610	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	0	1	
ROMO0613	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	0	1	
ROMO0615	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	0	1	
ROMO0616	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	0	1	
ROMO0617	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	0	1	
ROMO0618	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	0	1	
ROMO0619	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	0	1	
ROMO0620	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	0	1	
ROMO0621	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	0	1	
ROMO0622	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	0	1	
ROMO0623	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	0	1	
ROMO0624	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	0	1	
ROMO0625	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	0	1	
ROMO0628	No	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	0	1	
ROMO0632	No	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	0	1	
ROMO0668	Yes	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	10/04/85-10/04/85	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0671	No	00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	09/11/85-09/11/85	0	1	
ROMO0017	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/09/69-09/20/73	4	18	
ROMO0024	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/30/96-09/09/97	0	5	
ROMO0034	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/22/73-08/22/73	0	2	
ROMO0047	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/06/75-11/06/75	0	1	
ROMO0059	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/21/41-04/26/57	16	6	
ROMO0063	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/22/73-08/22/73	0	2	
ROMO0064	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/26/75-10/10/75	0	8	
ROMO0068	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/14/75-08/14/75	0	1	
ROMO0075	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/26/75-10/10/75	0	6	
ROMO0081	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/03/75-10/03/75	0	1	
ROMO0110	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/27/73-11/27/73	0	1	
ROMO0130	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/08/74-07/08/74	0	1	
ROMO0132	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/26/75-10/10/75	0	16	
ROMO0136	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/26/75-10/10/75	0	12	
ROMO0138	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/22/73-08/22/73	0	2	
ROMO0141	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/02/92-09/27/93	1	4	
ROMO0142	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/02/92-09/27/93	1	3	
ROMO0143	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/26/75-10/10/75	0	4	
ROMO0167	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/21/78-08/21/79	1	2	
ROMO0168	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/02/74-08/27/74	0	2	
ROMO0169	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/21/78-06/21/78	0	1	
ROMO0180	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/02/74-08/27/74	0	2	
ROMO0193	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/01/74-09/11/74	0	2	
ROMO0194	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/05/78-08/21/79	1	2	
ROMO0215	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/28/74-09/11/74	0	2	
ROMO0226	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/16/83-04/16/83	0	1	
ROMO0228	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/16/83-04/16/83	0	1	
ROMO0230	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/15/83-04/16/83	0	2	
ROMO0251	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/16/83-04/16/83	0	1	
ROMO0253	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/16/83-04/16/83	0	1	
ROMO0255	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/15/83-04/16/83	0	2	
ROMO0268	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/05/92-08/20/98	6	367	
ROMO0302	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/15/92-09/11/98	6	439	
ROMO0317	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/04/83-05/03/83	0	2	
ROMO0318	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/04/83-05/03/83	0	7	
ROMO0319	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/04/83-05/03/83	0	2	
ROMO0320	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/08/83-02/08/83	0	1	
ROMO0321	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/08/83-05/03/83	0	3	
ROMO0351	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/20/74-08/20/74	0	1	
ROMO0365	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/14/88-11/08/88	0	13	
ROMO0368	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/13/88-10/11/88	0	4	
ROMO0379	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/14/88-11/08/88	0	12	
ROMO0380	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/30/79-10/13/79	0	9	
ROMO0385	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/30/79-10/13/79	0	9	
ROMO0387	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/14/88-10/11/88	0	8	
ROMO0410	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/11/76-09/17/80	4	45	
ROMO0441	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/15/74-08/29/74	0	2	
ROMO0445	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/27/76-09/27/76	0	1	
ROMO0450	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/21/76-09/28/76	0	2	
ROMO0459	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/05/74-08/05/74	0	1	
ROMO0460	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/30/96-09/09/97	0	3	
ROMO0470	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/18/75-10/07/80	5	61	
ROMO0474	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/09/72-05/09/72	0	1	
ROMO0476	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/23/65-08/28/65	0	6	
ROMO0480	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/23/65-08/28/65	0	6	
ROMO0483	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/13/78-04/02/92	13	70	
ROMO0484	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/28/74-09/11/74	0	2	
ROMO0489	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/23/65-08/28/65	0	6	
ROMO0500	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/23/65-08/28/65	0	6	
ROMO0509	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/03/85-07/21/87	2	9	
ROMO0511	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/03/85-06/23/87	2	8	
ROMO0513	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/05/74-08/05/74	0	1	
ROMO0517	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/03/85-06/23/87	2	8	
ROMO0518	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/18/74-07/18/74	0	1	
ROMO0523	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/03/85-06/23/87	2	8	
ROMO0525	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/27/74-08/27/74	0	1	
ROMO0526	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/03/85-07/21/87	2	9	
ROMO0528	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/18/74-07/18/74	0	1	
ROMO0529	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/03/85-07/21/87	2	9	
ROMO0537	Yes	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/10/74-08/27/74	0	2	
ROMO0218	Yes	00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	06/14/82-10/07/97	15	62	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0219	Yes	00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	08/13/91-10/07/97	6	22	
ROMO0221	Yes	00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	07/20/82-08/24/88	6	32	
ROMO0222	Yes	00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	06/14/82-04/17/97	14	73	
ROMO0223	Yes	00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	06/14/82-04/17/97	14	78	
ROMO0234	Yes	00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	06/14/82-10/07/97	15	77	
ROMO0240	Yes	00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	06/08/82-10/10/84	2	15	
ROMO0243	Yes	00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	06/08/82-08/24/88	6	49	
ROMO0244	Yes	00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	07/13/82-05/29/84	1	18	
ROMO0245	Yes	00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	06/08/82-06/17/97	15	60	
ROMO0256	Yes	00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	06/08/82-10/07/97	15	74	
ROMO0284	Yes	00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	08/23/93-08/23/93	0	1	
ROMO0286	Yes	00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	07/05/83-10/07/97	14	64	
ROMO0287	Yes	00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	06/08/82-08/24/82	0	4	
ROMO0291	Yes	00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	06/21/88-07/29/97	9	6	
ROMO0308	Yes	00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	06/29/82-10/07/97	15	113	
ROMO0313	Yes	00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	06/29/82-11/13/88	6	50	
ROMO0314	Yes	00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	06/29/82-03/18/97	14	86	
ROMO0315	Yes	00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	06/29/82-12/23/97	15	96	
ROMO0316	Yes	00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	07/14/82-09/21/82	0	3	
ROMO0325	Yes	00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	08/02/82-12/30/97	15	626	A
ROMO0328	Yes	00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	06/10/83-10/07/97	14	54	
ROMO0334	Yes	00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	07/20/81-07/16/97	15	24	
ROMO0335	Yes	00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	07/02/82-08/10/83	1	3	
ROMO0336	Yes	00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	07/02/82-07/13/88	6	6	
ROMO0337	Yes	00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	07/06/81-07/13/88	7	16	
ROMO0353	Yes	00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	07/20/81-09/28/93	12	22	
ROMO0358	Yes	00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	08/03/81-07/16/97	15	20	
ROMO0360	Yes	00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	08/10/83-08/10/83	0	1	
ROMO0361	Yes	00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	09/13/82-08/31/92	9	8	
ROMO0362	Yes	00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	07/06/81-08/30/94	13	23	
ROMO0644	Yes	00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	07/15/81-09/13/97	16	22	
ROMO0651	Yes	00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	08/18/81-09/17/94	13	9	
ROMO0653	Yes	00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	07/08/82-08/31/91	9	5	
ROMO0654	Yes	00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	07/08/82-08/03/88	6	6	
ROMO0655	Yes	00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	07/09/81-10/10/95	14	18	
ROMO0660	Yes	00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	09/16/82-08/31/91	8	3	
ROMO0661	Yes	00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	09/16/82-08/03/88	5	4	
ROMO0662	Yes	00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	07/09/81-09/13/97	16	23	
ROMO0663	Yes	00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	07/15/81-09/30/93	12	14	
ROMO0226	Yes	00417	ALKALINITY,FIXED ENDPOINT TITRATION, USGS LAB MG/L	02/03/87-02/03/87	0	1	
ROMO0230	Yes	00417	ALKALINITY,FIXED ENDPOINT TITRATION, USGS LAB MG/L	02/03/87-02/03/87	0	1	
ROMO0251	Yes	00417	ALKALINITY,FIXED ENDPOINT TITRATION, USGS LAB MG/L	02/03/87-02/03/87	0	1	
ROMO0255	Yes	00417	ALKALINITY,FIXED ENDPOINT TITRATION, USGS LAB MG/L	02/03/87-02/03/87	0	1	
ROMO0447	Yes	00418	ALKALINITY,CARBONATE,INCREMENTAL TIT.USGS LAB MG/L	01/04/95-07/15/96	1	19	
ROMO0451	Yes	00418	ALKALINITY,CARBONATE,INCREMENTAL TIT.USGS LAB MG/L	05/05/95-06/12/95	0	2	
ROMO0410	No	00435	ACIDITY, TOTAL (MG/L AS CACO3)	06/06/78-06/06/78	0	1	
ROMO0528	Yes	00435	ACIDITY, TOTAL (MG/L AS CACO3)	07/18/74-07/18/74	0	1	
ROMO0017	No	00440	BICARBONATE ION (MG/L AS HCO3)	07/09/69-09/20/73	4	18	
ROMO0034	No	00440	BICARBONATE ION (MG/L AS HCO3)	08/22/73-08/22/73	0	2	
ROMO0047	No	00440	BICARBONATE ION (MG/L AS HCO3)	11/06/75-11/06/75	0	1	
ROMO0059	No	00440	BICARBONATE ION (MG/L AS HCO3)	04/21/41-04/26/57	16	6	
ROMO0063	No	00440	BICARBONATE ION (MG/L AS HCO3)	08/22/73-08/22/73	0	2	
ROMO0068	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/14/75-08/14/75	0	1	
ROMO0081	No	00440	BICARBONATE ION (MG/L AS HCO3)	10/03/75-10/03/75	0	1	
ROMO0110	No	00440	BICARBONATE ION (MG/L AS HCO3)	11/27/73-11/27/73	0	1	
ROMO0130	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	07/08/74-07/08/74	0	1	
ROMO0138	No	00440	BICARBONATE ION (MG/L AS HCO3)	08/22/73-08/22/73	0	2	
ROMO0168	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	07/02/74-08/27/74	0	2	
ROMO0180	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	07/02/74-08/27/74	0	2	
ROMO0193	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	07/01/74-09/11/74	0	2	
ROMO0215	No	00440	BICARBONATE ION (MG/L AS HCO3)	06/28/74-09/11/74	0	2	
ROMO0321	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	06/20/84-06/20/84	0	1	
ROMO0351	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/20/74-08/20/74	0	1	
ROMO0365	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	06/14/88-11/08/88	0	13	
ROMO0368	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	07/13/88-10/11/88	0	4	
ROMO0379	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	06/14/88-11/08/88	0	12	
ROMO0387	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	06/14/88-10/11/88	0	8	
ROMO0410	No	00440	BICARBONATE ION (MG/L AS HCO3)	08/11/76-12/20/78	2	25	
ROMO0441	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	07/15/74-08/29/74	0	2	
ROMO0459	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/05/74-08/05/74	0	1	
ROMO0470	No	00440	BICARBONATE ION (MG/L AS HCO3)	09/18/75-12/20/78	3	39	
ROMO0474	No	00440	BICARBONATE ION (MG/L AS HCO3)	05/09/72-05/09/72	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0484	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	06/28/74-09/11/74	0	2	
ROMO0513	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/05/74-08/05/74	0	1	
ROMO0518	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	07/18/74-07/18/74	0	1	
ROMO0525	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	08/27/74-08/27/74	0	1	
ROMO0528	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	07/18/74-07/18/74	0	1	
ROMO0537	Yes	00440	BICARBONATE ION (MG/L AS HCO3)	07/10/74-08/27/74	0	2	
ROMO0673	No	00440	BICARBONATE ION (MG/L AS HCO3)	03/19/65-03/19/65	0	1	
ROMO0684	No	00440	BICARBONATE ION (MG/L AS HCO3)	03/19/65-03/19/65	0	1	
ROMO0017	No	00445	CARBONATE ION (MG/L AS CO3)	07/09/69-09/20/73	4	18	
ROMO0034	No	00445	CARBONATE ION (MG/L AS CO3)	08/22/73-08/22/73	0	2	
ROMO0059	No	00445	CARBONATE ION (MG/L AS CO3)	04/21/41-04/26/57	16	5	
ROMO0063	No	00445	CARBONATE ION (MG/L AS CO3)	08/22/73-08/22/73	0	2	
ROMO0110	No	00445	CARBONATE ION (MG/L AS CO3)	11/27/73-11/27/73	0	1	
ROMO0130	Yes	00445	CARBONATE ION (MG/L AS CO3)	07/08/74-07/08/74	0	1	
ROMO0138	No	00445	CARBONATE ION (MG/L AS CO3)	08/22/73-08/22/73	0	2	
ROMO0168	Yes	00445	CARBONATE ION (MG/L AS CO3)	07/02/74-07/02/74	0	1	
ROMO0180	Yes	00445	CARBONATE ION (MG/L AS CO3)	07/02/74-07/02/74	0	1	
ROMO0193	Yes	00445	CARBONATE ION (MG/L AS CO3)	07/01/74-07/01/74	0	1	
ROMO0215	No	00445	CARBONATE ION (MG/L AS CO3)	06/28/74-06/28/74	0	1	
ROMO0365	Yes	00445	CARBONATE ION (MG/L AS CO3)	06/14/88-11/08/88	0	13	
ROMO0368	Yes	00445	CARBONATE ION (MG/L AS CO3)	07/13/88-10/11/88	0	4	
ROMO0379	Yes	00445	CARBONATE ION (MG/L AS CO3)	06/14/88-11/08/88	0	12	
ROMO0387	Yes	00445	CARBONATE ION (MG/L AS CO3)	06/14/88-10/11/88	0	8	
ROMO0410	No	00445	CARBONATE ION (MG/L AS CO3)	08/11/76-12/20/78	2	25	
ROMO0441	Yes	00445	CARBONATE ION (MG/L AS CO3)	07/15/74-07/15/74	0	1	
ROMO0470	No	00445	CARBONATE ION (MG/L AS CO3)	09/18/75-12/20/78	3	39	
ROMO0474	No	00445	CARBONATE ION (MG/L AS CO3)	05/09/72-05/09/72	0	1	
ROMO0484	Yes	00445	CARBONATE ION (MG/L AS CO3)	06/28/74-06/28/74	0	1	
ROMO0528	Yes	00445	CARBONATE ION (MG/L AS CO3)	07/18/74-07/18/74	0	1	
ROMO0537	Yes	00445	CARBONATE ION (MG/L AS CO3)	07/10/74-07/10/74	0	1	
ROMO0673	No	00445	CARBONATE ION (MG/L AS CO3)	03/19/65-03/19/65	0	1	
ROMO0684	No	00445	CARBONATE ION (MG/L AS CO3)	03/19/65-03/19/65	0	1	
ROMO0404	Yes	00452	CARBONATE,WATER,DISS,INCR TIT, FIELD, AS CO3, MG/L	04/15/96-04/15/96	0	1	
ROMO0447	Yes	00452	CARBONATE,WATER,DISS,INCR TIT, FIELD, AS CO3, MG/L	10/04/95-01/11/96	0	3	
ROMO0404	Yes	00453	BICARBONATE,WATER,DISS,INCR TIT,FIELD,AS HCO3,MG/L	01/26/95-03/17/97	2	29	
ROMO0447	Yes	00453	BICARBONATE,WATER,DISS,INCR TIT,FIELD,AS HCO3,MG/L	10/04/95-07/15/96	0	10	
ROMO0483	No	00500	RESIDUE, TOTAL (MG/L)	04/09/74-09/05/75	1	7	
ROMO0009	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	10/21/66-11/08/66	0	2	
ROMO0084	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	09/07/66-11/08/66	0	3	
ROMO0152	Yes	00505	RESIDUE, TOTAL VOLATILE (MG/L)	09/07/66-09/07/66	0	1	
ROMO0483	No	00505	RESIDUE, TOTAL VOLATILE (MG/L)	12/17/71-10/12/73	1	4	
ROMO0009	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/07/66-11/08/66	0	3	
ROMO0047	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	11/06/75-11/06/75	0	1	
ROMO0068	Yes	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	08/14/75-08/14/75	0	1	
ROMO0081	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	10/03/75-10/03/75	0	1	
ROMO0084	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/07/66-11/08/66	0	3	
ROMO0152	Yes	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/07/66-09/07/66	0	1	
ROMO0476	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	08/23/65-08/28/65	0	5	
ROMO0480	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	08/23/65-08/28/65	0	6	
ROMO0489	Yes	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	08/23/65-08/28/65	0	6	
ROMO0500	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	08/23/65-08/28/65	0	6	
ROMO0006	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/21/91-09/22/92	1	4	
ROMO0009	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/21/66-11/08/66	0	2	
ROMO0024	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/30/96-09/09/97	0	5	
ROMO0034	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/29/91-09/22/92	1	12	
ROMO0063	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/30/91-09/23/92	1	12	
ROMO0084	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/25/66-11/08/66	0	2	
ROMO0141	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/26/93-08/26/93	0	1	
ROMO0142	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/26/93-09/27/93	0	2	
ROMO0167	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/21/78-08/21/79	1	2	
ROMO0169	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/21/78-06/21/78	0	1	
ROMO0194	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/05/78-08/21/79	1	2	
ROMO0404	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/22/91-09/24/92	1	4	
ROMO0410	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/13/91-09/16/92	1	4	
ROMO0433	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/19/66-08/24/66	0	3	
ROMO0445	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/14/76-09/27/76	0	2	
ROMO0450	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/21/76-09/28/76	0	2	
ROMO0460	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/30/96-09/09/97	0	4	
ROMO0461	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/14/66-08/24/66	0	4	
ROMO0469	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/08/77-03/15/83	5	3	
ROMO0476	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/23/65-08/28/65	0	6	
ROMO0479	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/14/66-08/24/66	0	4	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0480	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/23/65-08/28/65	0	6	
ROMO0481	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/08/66-08/25/66	0	26	
ROMO0483	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/17/71-04/02/92	20	102	
ROMO0489	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/23/65-08/28/65	0	6	
ROMO0499	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/19/66-08/24/66	0	2	
ROMO0500	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/23/65-08/28/65	0	6	
ROMO0501	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/13/66-08/24/66	0	4	
ROMO0503	Yes	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/13/66-08/24/66	0	4	
ROMO0673	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/18/65-03/20/65	0	3	
ROMO0678	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/21/64-07/22/65	1	11	
ROMO0681	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/21/64-07/22/65	1	7	
ROMO0682	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/16/65-06/16/65	0	2	
ROMO0684	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/21/64-06/16/65	0	6	
ROMO0009	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/07/66-09/07/66	0	1	
ROMO0433	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/19/66-08/24/66	0	3	
ROMO0461	Yes	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/14/66-08/24/66	0	4	
ROMO0476	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	08/23/65-08/28/65	0	6	
ROMO0479	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/14/66-08/24/66	0	4	
ROMO0480	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	08/23/65-08/28/65	0	6	
ROMO0481	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/08/66-08/25/66	0	26	
ROMO0489	Yes	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	08/23/65-08/28/65	0	6	
ROMO0499	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/19/66-08/24/66	0	2	
ROMO0500	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	08/23/65-08/28/65	0	6	
ROMO0501	Yes	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/13/66-08/24/66	0	4	
ROMO0503	Yes	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/13/66-08/24/66	0	4	
ROMO0433	No	00545	RESIDUE, SETTLEABLE (ML/L)	07/19/66-08/24/66	0	3	
ROMO0461	Yes	00545	RESIDUE, SETTLEABLE (ML/L)	07/14/66-08/24/66	0	4	
ROMO0476	No	00545	RESIDUE, SETTLEABLE (ML/L)	08/23/65-08/28/65	0	6	
ROMO0479	No	00545	RESIDUE, SETTLEABLE (ML/L)	07/14/66-08/24/66	0	4	
ROMO0480	No	00545	RESIDUE, SETTLEABLE (ML/L)	08/23/65-08/28/65	0	6	
ROMO0481	No	00545	RESIDUE, SETTLEABLE (ML/L)	03/08/66-08/25/66	0	26	
ROMO0483	No	00545	RESIDUE, SETTLEABLE (ML/L)	12/17/71-11/15/72	0	4	
ROMO0489	Yes	00545	RESIDUE, SETTLEABLE (ML/L)	08/23/65-08/28/65	0	6	
ROMO0499	No	00545	RESIDUE, SETTLEABLE (ML/L)	07/19/66-08/24/66	0	2	
ROMO0500	No	00545	RESIDUE, SETTLEABLE (ML/L)	08/23/65-08/28/65	0	6	
ROMO0501	Yes	00545	RESIDUE, SETTLEABLE (ML/L)	07/13/66-08/24/66	0	4	
ROMO0503	Yes	00545	RESIDUE, SETTLEABLE (ML/L)	07/13/66-08/24/66	0	4	
ROMO0009	No	00600	NITROGEN, TOTAL (MG/L AS N)	09/07/66-10/21/66	0	2	
ROMO0034	No	00600	NITROGEN, TOTAL (MG/L AS N)	11/13/73-07/29/81	7	14	
ROMO0060	No	00600	NITROGEN, TOTAL (MG/L AS N)	03/15/78-03/30/83	5	31	
ROMO0063	No	00600	NITROGEN, TOTAL (MG/L AS N)	11/13/73-06/04/75	1	6	
ROMO0084	No	00600	NITROGEN, TOTAL (MG/L AS N)	09/07/66-10/25/66	0	2	
ROMO0138	No	00600	NITROGEN, TOTAL (MG/L AS N)	11/13/73-06/04/75	1	6	
ROMO0152	Yes	00600	NITROGEN, TOTAL (MG/L AS N)	09/07/66-09/07/66	0	1	
ROMO0410	No	00600	NITROGEN, TOTAL (MG/L AS N)	03/08/78-03/23/83	5	39	
ROMO0477	No	00600	NITROGEN, TOTAL (MG/L AS N)	11/16/73-05/08/75	1	6	
ROMO0013	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	08/29/69-08/29/69	0	2	
ROMO0022	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	08/29/69-09/02/69	0	4	
ROMO0023	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	08/29/69-08/29/69	0	2	
ROMO0034	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	11/13/73-06/04/75	1	6	
ROMO0036	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	08/29/69-09/02/69	0	4	
ROMO0037	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	08/29/69-09/02/69	0	2	
ROMO0038	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	08/29/69-09/02/69	0	4	
ROMO0063	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	11/13/73-06/04/75	1	6	
ROMO0114	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	08/29/69-09/02/69	0	3	
ROMO0115	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	08/29/69-09/02/69	0	4	
ROMO0116	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	08/29/69-08/30/69	0	2	
ROMO0117	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	08/29/69-09/03/69	0	4	
ROMO0134	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	08/28/69-09/03/69	0	8	
ROMO0138	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	11/13/73-06/04/75	1	6	
ROMO0146	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	08/28/69-09/03/69	0	6	
ROMO0147	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	08/28/69-09/03/69	0	8	
ROMO0148	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	08/28/69-09/03/69	0	8	
ROMO0477	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	11/16/73-05/08/75	1	6	
ROMO0034	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	05/24/89-10/01/96	7	107	
ROMO0060	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	02/14/89-03/05/97	8	41	
ROMO0063	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	05/24/89-10/02/96	7	107	
ROMO0167	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	06/21/78-08/21/79	1	2	
ROMO0169	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	06/21/78-06/21/78	0	1	
ROMO0171	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	06/27/88-09/18/89	1	30	
ROMO0194	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	07/05/78-08/21/79	1	2	
ROMO0206	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/25/91-09/25/91	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0207	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/25/91-09/25/91	0	1	
ROMO0208	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/25/91-09/25/91	0	1	
ROMO0209	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/25/91-09/25/91	0	1	
ROMO0210	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/25/91-09/25/91	0	1	
ROMO0211	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/25/91-09/25/91	0	1	
ROMO0212	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/25/91-09/25/91	0	1	
ROMO0225	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/25/91-09/25/91	0	1	
ROMO0226	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	04/16/83-05/05/92	9	46	
ROMO0227	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/16/83-09/29/92	9	41	
ROMO0228	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	04/16/83-08/24/88	5	44	
ROMO0229	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/16/83-09/29/92	9	47	
ROMO0230	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	04/16/83-12/24/91	8	50	
ROMO0231	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/25/91-09/25/91	0	1	
ROMO0237	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/25/91-09/25/91	0	1	
ROMO0242	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/25/91-09/25/91	0	1	
ROMO0249	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	07/23/92-07/23/92	0	1	
ROMO0250	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	07/12/92-09/10/93	1	7	
ROMO0251	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	04/16/83-08/24/88	5	29	
ROMO0252	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	07/29/83-10/10/84	1	6	
ROMO0253	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	04/16/83-02/28/84	0	6	
ROMO0254	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	07/29/83-07/22/92	8	37	
ROMO0255	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	04/16/83-01/23/90	6	36	
ROMO0258	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/25/91-09/25/91	0	1	
ROMO0259	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/12/92-07/27/93	0	2	
ROMO0260	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	07/12/92-09/21/93	1	30	
ROMO0262	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/26/91-09/26/91	0	1	
ROMO0264	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/26/91-09/26/91	0	1	
ROMO0265	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/26/91-09/26/91	0	1	
ROMO0266	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/28/91-09/28/91	0	1	
ROMO0269	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	05/05/92-09/16/94	2	183	
ROMO0270	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/28/91-09/28/91	0	1	
ROMO0271	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/26/91-09/26/91	0	1	
ROMO0272	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/26/91-09/26/91	0	1	
ROMO0274	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/26/91-09/26/91	0	1	
ROMO0275	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/26/91-09/26/91	0	1	
ROMO0278	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/26/91-09/26/91	0	1	
ROMO0283	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/26/91-09/26/91	0	1	
ROMO0289	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/28/90-10/01/91	1	3	
ROMO0301	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/02/83-07/22/92	8	43	
ROMO0303	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	04/15/92-09/16/94	2	226	
ROMO0317	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	04/04/83-04/28/92	9	59	
ROMO0318	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	04/04/83-09/29/92	9	60	
ROMO0319	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	04/04/83-11/13/88	5	52	
ROMO0320	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/02/83-10/27/92	9	332	A
ROMO0321	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	04/04/83-04/28/92	9	76	
ROMO0327	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/02/83-09/29/92	9	34	
ROMO0341	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	07/14/86-09/12/91	5	5	
ROMO0342	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	07/14/87-07/13/88	0	2	
ROMO0343	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	07/14/86-07/13/88	1	3	
ROMO0363	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	06/10/88-09/18/89	1	38	
ROMO0369	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	07/14/87-09/12/91	4	4	
ROMO0370	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	07/15/86-09/12/91	5	5	
ROMO0371	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	07/15/86-07/13/88	1	3	
ROMO0372	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	07/15/86-09/12/91	5	5	
ROMO0404	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	01/26/95-03/17/97	2	29	
ROMO0410	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	01/10/89-03/10/97	8	42	
ROMO0430	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/05/88-08/08/89	0	2	
ROMO0447	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	01/04/95-07/15/96	1	21	
ROMO0451	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	01/04/95-06/12/95	0	3	
ROMO0470	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	03/13/89-03/10/97	7	23	
ROMO0646	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/11/87-08/03/88	0	2	
ROMO0647	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/06/86-08/31/91	5	6	
ROMO0648	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/11/87-08/03/88	0	2	
ROMO0649	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/25/90-08/31/91	1	2	
ROMO0657	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/06/86-08/03/88	1	3	
ROMO0658	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/06/86-08/03/88	1	4	
ROMO0659	Yes	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/25/90-08/31/91	1	2	
ROMO0009	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/07/66-10/21/66	0	2	
ROMO0011	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/13/90-09/13/90	0	2	
ROMO0013	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/29/69-08/29/69	0	2	
ROMO0016	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/20/71-12/09/71	0	2	
ROMO0020	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/21/90-08/21/90	0	4	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0022	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/29/69-09/02/69	0	4	
ROMO0023	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/29/69-08/29/69	0	2	
ROMO0024	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/30/96-09/09/97	0	5	
ROMO0026	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/13/90-09/13/90	0	1	
ROMO0028	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/13/90-09/13/90	0	2	
ROMO0034	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/13/73-10/20/92	18	71	
ROMO0036	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/29/69-09/02/69	0	4	
ROMO0037	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/29/69-09/02/69	0	2	
ROMO0038	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/29/69-09/02/69	0	4	
ROMO0060	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/14/89-12/10/92	3	21	
ROMO0061	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/28/74-08/23/75	0	12	
ROMO0062	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/28/74-08/23/75	0	13	
ROMO0063	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/13/73-10/21/92	18	71	
ROMO0064	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/26/75-10/10/75	0	8	
ROMO0075	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/26/75-10/10/75	0	6	
ROMO0084	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/07/66-10/25/66	0	2	
ROMO0085	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/17/94-06/17/96	2	12	
ROMO0087	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/92-08/06/92	0	1	
ROMO0090	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/28/74-08/23/75	0	13	
ROMO0092	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/11/94-05/07/96	2	15	
ROMO0114	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/29/69-09/02/69	0	3	
ROMO0115	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/29/69-09/02/69	0	4	
ROMO0116	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/30/69-08/30/69	0	1	
ROMO0117	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/29/69-09/03/69	0	4	
ROMO0127	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/14/94-07/01/96	2	8	
ROMO0128	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/28/74-08/23/75	0	8	
ROMO0131	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/14/90-09/14/90	0	1	
ROMO0132	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/26/75-10/10/75	0	16	
ROMO0133	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/21/90-09/14/90	0	3	
ROMO0134	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/28/69-09/03/69	0	8	
ROMO0136	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/26/75-10/10/75	0	12	
ROMO0138	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/13/73-06/04/75	1	6	
ROMO0143	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/26/75-10/10/75	0	4	
ROMO0144	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/28/74-08/23/75	0	11	
ROMO0145	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/16/74-08/23/75	0	9	
ROMO0146	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/28/69-09/03/69	0	6	
ROMO0147	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/28/69-09/03/69	0	8	
ROMO0148	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/28/69-09/03/69	0	8	
ROMO0151	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/20/90-08/20/90	0	2	
ROMO0152	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/07/66-09/07/66	0	1	
ROMO0156	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/28/74-08/23/75	0	9	
ROMO0157	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/28/74-08/23/75	0	9	
ROMO0249	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/02/91-09/04/91	0	6	
ROMO0250	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/09/91-09/11/91	0	9	
ROMO0260	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/02/91-09/25/91	0	12	
ROMO0345	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/28/74-08/23/75	0	7	
ROMO0388	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/28/74-08/23/75	0	8	
ROMO0405	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/22/88-06/22/88	0	1	
ROMO0408	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/22/88-06/22/88	0	1	
ROMO0410	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/12/78-11/19/92	14	24	
ROMO0445	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/14/76-09/27/76	0	2	
ROMO0450	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/21/76-09/28/76	0	2	
ROMO0460	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/30/96-09/09/97	0	4	
ROMO0469	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/27/78-03/15/83	4	2	
ROMO0470	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/18/75-11/19/92	17	156	A
ROMO0475	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/18/75-10/18/75	0	1	
ROMO0476	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/23/65-08/26/65	0	2	
ROMO0477	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/16/73-05/08/75	1	6	
ROMO0480	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/23/65-08/26/65	0	2	
ROMO0483	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/17/71-04/02/92	20	104	T
ROMO0509	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/03/85-07/21/87	2	9	
ROMO0511	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/03/85-06/23/87	2	8	
ROMO0514	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/01/88-06/16/88	0	3	
ROMO0517	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/03/85-06/23/87	2	8	
ROMO0519	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/05/88-06/16/88	0	6	
ROMO0523	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/03/85-06/23/87	2	8	
ROMO0524	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/12/88-06/16/88	0	6	
ROMO0526	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/03/85-07/21/87	2	9	
ROMO0529	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/03/85-07/21/87	2	9	
ROMO0652	Yes	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/22/88-06/22/88	0	1	
ROMO0675	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/15/88-06/20/88	0	5	
ROMO0034	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/24/89-10/01/96	7	107	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0060	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	02/14/89-03/05/97	8	41	
ROMO0063	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/24/89-10/02/96	7	107	
ROMO0068	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	08/14/75-08/14/75	0	1	
ROMO0081	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/03/75-10/03/75	0	1	
ROMO0171	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/06/89-09/06/89	0	2	
ROMO0206	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/25/91-09/25/91	0	1	
ROMO0207	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/25/91-09/25/91	0	1	
ROMO0208	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/25/91-09/25/91	0	1	
ROMO0209	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/25/91-09/25/91	0	1	
ROMO0210	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/25/91-09/25/91	0	1	
ROMO0211	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/25/91-09/25/91	0	1	
ROMO0212	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/25/91-09/25/91	0	1	
ROMO0218	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	06/14/82-08/19/92	10	45	
ROMO0219	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	08/13/91-09/29/92	1	3	
ROMO0221	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/20/82-08/24/88	6	49	
ROMO0222	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	06/14/82-12/15/92	10	53	
ROMO0223	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	06/14/82-12/15/92	10	57	
ROMO0225	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/25/91-09/25/91	0	1	
ROMO0226	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/10/84-05/05/92	7	39	
ROMO0227	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	08/14/84-09/29/92	8	39	
ROMO0228	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/10/84-08/24/88	4	37	
ROMO0229	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/24/84-09/29/92	8	42	
ROMO0230	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/10/84-12/24/91	7	44	
ROMO0231	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/25/91-09/25/91	0	1	
ROMO0234	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	06/14/82-09/29/92	10	54	
ROMO0237	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/25/91-09/25/91	0	1	
ROMO0240	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	06/08/82-10/10/84	2	9	
ROMO0242	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/25/91-09/25/91	0	1	
ROMO0243	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	06/08/82-08/24/88	6	29	
ROMO0244	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/13/82-09/28/82	0	6	
ROMO0245	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	06/08/82-01/23/90	7	36	
ROMO0251	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/20/84-08/24/88	3	20	
ROMO0252	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/20/84-10/10/84	0	2	
ROMO0254	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/20/84-07/22/92	7	30	
ROMO0255	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/20/84-01/23/90	5	27	
ROMO0256	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/18/82-07/22/92	10	40	
ROMO0258	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/25/91-09/25/91	0	1	
ROMO0262	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/26/91-09/26/91	0	1	
ROMO0264	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/26/91-09/26/91	0	1	
ROMO0265	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/26/91-09/26/91	0	1	
ROMO0266	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/28/91-09/28/91	0	1	
ROMO0270	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/28/91-09/28/91	0	1	
ROMO0271	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/26/91-09/26/91	0	1	
ROMO0272	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/26/91-09/26/91	0	1	
ROMO0274	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/26/91-09/26/91	0	1	
ROMO0275	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/26/91-09/26/91	0	1	
ROMO0278	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/26/91-09/26/91	0	1	
ROMO0283	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/26/91-09/26/91	0	1	
ROMO0286	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	08/15/84-07/22/92	7	34	
ROMO0287	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	06/08/82-09/21/82	0	6	
ROMO0289	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	08/28/90-10/01/91	1	3	
ROMO0291	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	06/21/88-10/01/91	3	4	
ROMO0301	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	08/15/84-07/22/92	7	35	
ROMO0308	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/11/82-09/29/92	10	54	
ROMO0313	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	06/02/82-11/13/88	6	53	
ROMO0314	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	06/02/82-12/08/92	10	61	
ROMO0315	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/11/82-12/08/92	10	71	
ROMO0316	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/14/82-09/21/82	0	5	
ROMO0317	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/17/84-04/28/92	7	49	
ROMO0318	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/25/84-09/29/92	8	45	
ROMO0319	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/17/84-11/13/88	4	43	
ROMO0320	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/17/84-10/27/92	8	303	A
ROMO0321	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/17/84-04/28/92	7	63	
ROMO0325	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/11/82-01/19/93	10	310	A
ROMO0327	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/17/84-09/29/92	8	26	
ROMO0328	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/17/84-09/29/92	8	29	
ROMO0334	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	06/22/82-09/12/91	9	8	
ROMO0335	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/02/82-09/13/82	0	2	
ROMO0336	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/02/82-07/13/88	6	5	
ROMO0337	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	06/22/82-07/13/88	6	6	
ROMO0341	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/14/86-09/12/91	5	5	
ROMO0342	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/14/87-07/13/88	0	2	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0343	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/14/86-07/13/88	1	3	
ROMO0353	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/13/82-09/12/91	8	6	
ROMO0358	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	06/01/82-07/13/88	6	6	
ROMO0360	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/02/82-09/13/82	0	2	
ROMO0361	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/02/82-09/12/91	9	7	
ROMO0362	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	06/01/82-09/12/91	9	8	
ROMO0369	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/14/87-09/12/91	4	4	
ROMO0370	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/15/86-09/12/91	5	5	
ROMO0371	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/15/86-07/13/88	1	3	
ROMO0372	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/15/86-09/12/91	5	5	
ROMO0404	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	01/26/95-03/17/97	2	29	
ROMO0410	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	04/12/78-03/10/97	18	43	
ROMO0447	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	01/04/95-07/15/96	1	21	
ROMO0451	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	01/04/95-06/12/95	0	3	
ROMO0470	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/18/75-03/10/97	21	168	T,A
ROMO0475	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/18/75-10/18/75	0	1	
ROMO0644	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/08/82-08/31/91	9	8	
ROMO0646	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	08/11/87-08/03/88	0	2	
ROMO0647	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	08/06/86-08/31/91	5	6	
ROMO0648	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	08/11/87-08/03/88	0	2	
ROMO0649	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	08/25/90-08/31/91	1	2	
ROMO0651	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	08/25/90-08/31/91	1	2	
ROMO0653	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/08/82-08/31/91	9	5	
ROMO0654	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/08/82-08/03/88	6	6	
ROMO0655	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/08/82-08/03/88	6	6	
ROMO0657	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	08/06/86-08/03/88	1	3	
ROMO0658	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	08/06/86-08/03/88	1	4	
ROMO0659	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	08/25/90-08/31/91	1	2	
ROMO0660	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/08/82-08/31/91	9	5	
ROMO0661	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/08/82-08/03/88	6	6	
ROMO0662	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/08/82-08/31/91	9	8	
ROMO0663	Yes	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/08/82-09/16/82	0	3	
ROMO0016	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/20/71-03/09/72	0	3	
ROMO0034	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/20/91-10/20/92	1	36	
ROMO0060	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/23/90-12/10/92	2	14	
ROMO0061	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/28/74-09/28/74	0	1	
ROMO0062	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/28/74-09/28/74	0	1	
ROMO0063	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/21/91-10/21/92	1	33	
ROMO0087	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/06/92-08/06/92	0	1	
ROMO0090	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/28/74-09/28/74	0	1	
ROMO0128	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/28/74-09/28/74	0	1	
ROMO0144	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/28/74-09/28/74	0	1	
ROMO0156	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/28/74-09/28/74	0	1	
ROMO0157	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/28/74-09/28/74	0	1	
ROMO0249	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/02/91-09/04/91	0	6	
ROMO0250	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/09/91-09/11/91	0	9	
ROMO0260	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/02/91-09/25/91	0	12	
ROMO0345	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/28/74-09/28/74	0	1	
ROMO0388	Yes	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/28/74-09/28/74	0	1	
ROMO0410	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	11/19/90-11/19/92	2	13	
ROMO0470	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/28/81-11/19/92	11	8	
ROMO0483	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	12/17/71-05/11/79	7	29	
ROMO0003	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/28/87-10/06/87	0	6	
ROMO0004	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/01/87-10/01/87	0	2	
ROMO0059	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	04/21/41-04/26/57	16	5	
ROMO0076	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/18/87-08/18/87	0	4	
ROMO0082	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	07/21/87-10/01/87	0	14	
ROMO0137	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	07/09/87-10/21/87	0	18	
ROMO0167	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	06/21/78-08/21/79	1	2	
ROMO0169	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	06/21/78-06/21/78	0	1	
ROMO0171	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/23/87-09/18/89	1	28	
ROMO0173	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	07/24/87-07/24/87	0	4	
ROMO0194	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	07/05/78-08/21/79	1	2	
ROMO0206	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/25/91-09/25/91	0	1	
ROMO0208	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/25/91-09/25/91	0	1	
ROMO0209	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/25/91-09/25/91	0	1	
ROMO0210	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/25/91-09/25/91	0	1	
ROMO0211	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/25/91-09/25/91	0	1	
ROMO0212	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/25/91-09/25/91	0	1	
ROMO0225	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/25/91-09/25/91	0	1	
ROMO0226	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	04/16/83-05/05/92	9	28	
ROMO0227	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/16/83-09/29/92	9	36	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0228	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	04/16/83-08/24/88	5	14	
ROMO0229	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/16/83-09/29/92	9	34	
ROMO0230	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	02/15/83-12/24/91	8	32	
ROMO0231	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/25/91-09/25/91	0	1	
ROMO0237	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/25/91-09/25/91	0	1	
ROMO0242	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/25/91-09/25/91	0	1	
ROMO0251	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	04/16/83-08/24/88	5	23	
ROMO0252	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	07/29/83-09/13/83	0	3	
ROMO0253	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	04/16/83-01/09/84	0	5	
ROMO0254	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	07/29/83-07/22/92	8	30	
ROMO0255	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	02/15/83-01/23/90	6	30	
ROMO0258	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/25/91-09/25/91	0	1	
ROMO0262	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/26/91-09/26/91	0	1	
ROMO0264	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/26/91-09/26/91	0	1	
ROMO0265	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/26/91-09/26/91	0	1	
ROMO0266	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/28/91-09/28/91	0	1	
ROMO0270	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/28/91-09/28/91	0	1	
ROMO0271	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/26/91-09/26/91	0	1	
ROMO0272	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/26/91-09/26/91	0	1	
ROMO0274	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/26/91-09/26/91	0	1	
ROMO0275	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/26/91-09/26/91	0	1	
ROMO0276	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	07/05/88-10/15/88	0	6	
ROMO0277	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/02/95-08/02/95	0	1	
ROMO0278	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/26/91-09/26/91	0	1	
ROMO0283	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/26/91-09/26/91	0	1	
ROMO0289	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/28/90-10/01/91	1	3	
ROMO0299	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	07/05/88-10/15/88	0	6	
ROMO0300	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/02/95-08/02/95	0	1	
ROMO0301	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/02/83-07/22/92	8	33	
ROMO0309	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/27/87-10/27/87	0	2	
ROMO0317	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	04/04/83-04/28/92	9	40	
ROMO0318	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	04/04/83-09/29/92	9	47	
ROMO0319	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	04/04/83-11/13/88	5	13	
ROMO0320	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	02/08/83-10/27/92	9	288	
ROMO0321	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	02/08/83-04/28/92	9	54	
ROMO0323	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/27/87-10/27/87	0	2	
ROMO0327	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/02/83-09/29/92	9	24	
ROMO0341	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	07/14/86-09/12/91	5	5	
ROMO0342	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	07/14/87-07/13/88	0	2	
ROMO0343	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	07/14/86-07/13/88	1	3	
ROMO0363	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/12/87-09/18/89	2	36	
ROMO0365	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	06/14/88-11/08/88	0	13	
ROMO0368	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	07/13/88-10/11/88	0	4	
ROMO0369	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	07/14/87-09/12/91	4	4	
ROMO0370	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	07/15/86-09/12/91	5	5	
ROMO0371	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	07/15/86-07/13/88	1	3	
ROMO0372	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	07/15/86-08/17/90	4	4	
ROMO0373	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	07/17/87-11/10/87	0	24	
ROMO0376	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	07/06/88-10/08/88	0	7	
ROMO0377	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/02/95-08/02/95	0	1	
ROMO0379	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	06/14/88-11/08/88	0	12	
ROMO0387	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	06/14/88-10/11/88	0	8	
ROMO0395	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	07/06/88-10/08/88	0	6	
ROMO0396	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/02/95-08/02/95	0	1	
ROMO0407	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/31/87-08/31/87	0	2	
ROMO0410	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	04/12/78-04/12/78	0	1	
ROMO0430	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	07/21/87-08/08/89	2	7	
ROMO0470	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/18/75-11/18/81	6	71	
ROMO0472	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	07/05/87-11/10/87	0	26	
ROMO0475	No	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/18/75-10/18/75	0	1	
ROMO0530	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/27/87-10/27/87	0	2	
ROMO0646	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/11/87-08/03/88	0	2	
ROMO0647	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/06/86-08/31/91	5	6	
ROMO0648	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/11/87-08/03/88	0	2	
ROMO0649	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/25/90-08/31/91	1	2	
ROMO0657	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/06/86-08/03/88	1	3	
ROMO0658	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/06/86-08/03/88	1	4	
ROMO0659	Yes	00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/25/90-08/31/91	1	2	
ROMO0009	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/07/66-10/21/66	0	2	
ROMO0013	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/29/69-08/29/69	0	2	
ROMO0016	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/20/71-09/20/73	2	8	
ROMO0022	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/29/69-09/02/69	0	4	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0023	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/29/69-08/29/69	0	2	
ROMO0036	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/29/69-09/02/69	0	4	
ROMO0037	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/29/69-09/02/69	0	2	
ROMO0038	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/29/69-09/02/69	0	4	
ROMO0061	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/28/74-09/28/74	0	1	
ROMO0062	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/28/74-09/28/74	0	1	
ROMO0084	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/07/66-10/25/66	0	2	
ROMO0090	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/28/74-09/28/74	0	1	
ROMO0114	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/29/69-09/02/69	0	3	
ROMO0115	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/29/69-09/02/69	0	4	
ROMO0116	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/29/69-08/30/69	0	2	
ROMO0117	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/29/69-09/03/69	0	4	
ROMO0128	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/28/74-09/28/74	0	1	
ROMO0134	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/28/69-09/03/69	0	8	
ROMO0144	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/28/74-09/28/74	0	1	
ROMO0146	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/31/60-09/03/69	9	6	
ROMO0147	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/28/69-09/03/69	0	8	
ROMO0148	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/28/69-09/03/69	0	8	
ROMO0152	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/07/66-09/07/66	0	1	
ROMO0156	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/28/74-09/28/74	0	1	
ROMO0157	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/28/74-09/28/74	0	1	
ROMO0345	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/28/74-09/28/74	0	1	
ROMO0388	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/28/74-09/28/74	0	1	
ROMO0405	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/22/88-06/22/88	0	1	
ROMO0408	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/22/88-06/22/88	0	1	
ROMO0445	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/14/76-09/27/76	0	2	
ROMO0450	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/21/76-09/28/76	0	2	
ROMO0470	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/28/81-04/28/81	0	1	
ROMO0476	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/23/65-08/26/65	0	2	
ROMO0480	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/23/65-08/26/65	0	2	
ROMO0483	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/17/71-05/11/79	7	31	
ROMO0509	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/03/85-07/18/86	1	6	
ROMO0511	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/03/85-07/18/86	1	6	
ROMO0514	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/01/88-06/16/88	0	3	
ROMO0517	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/03/85-07/18/86	1	6	
ROMO0519	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/05/88-06/16/88	0	6	
ROMO0523	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/03/85-07/18/86	1	6	
ROMO0524	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/05/88-06/16/88	0	7	
ROMO0526	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/03/85-07/18/86	1	6	
ROMO0529	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/03/85-07/18/86	1	6	
ROMO0652	Yes	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/22/88-06/22/88	0	1	
ROMO0673	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/19/65-03/19/65	0	1	
ROMO0675	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/15/88-06/27/88	0	7	
ROMO0684	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/19/65-03/19/65	0	1	
ROMO0404	Yes	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	01/26/95-03/17/97	2	29	
ROMO0410	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	06/08/82-06/08/82	0	1	
ROMO0447	Yes	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	01/04/95-07/15/96	1	21	
ROMO0451	Yes	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	01/04/95-06/12/95	0	3	
ROMO0470	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	04/05/77-08/21/86	9	2	
ROMO0011	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/13/90-09/13/90	0	2	
ROMO0013	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/29/69-08/29/69	0	2	
ROMO0020	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/21/90-08/21/90	0	4	
ROMO0022	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/29/69-09/02/69	0	4	
ROMO0023	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/29/69-08/29/69	0	2	
ROMO0026	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/13/90-09/13/90	0	1	
ROMO0028	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/13/90-09/13/90	0	2	
ROMO0034	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/13/73-10/01/96	22	136	T,S
ROMO0036	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/29/69-09/02/69	0	4	
ROMO0037	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/29/69-09/02/69	0	2	
ROMO0038	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/29/69-09/02/69	0	4	
ROMO0060	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/15/78-03/05/97	18	124	T
ROMO0061	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/28/74-08/23/75	0	12	
ROMO0062	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/28/74-08/23/75	0	13	
ROMO0063	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/13/73-10/02/96	22	113	T,S
ROMO0064	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/26/75-10/10/75	0	8	
ROMO0075	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/26/75-10/10/75	0	6	
ROMO0087	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/92-08/06/92	0	1	
ROMO0090	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/28/74-08/23/75	0	13	
ROMO0114	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/29/69-09/02/69	0	3	
ROMO0115	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/29/69-09/02/69	0	4	
ROMO0116	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/29/69-08/30/69	0	2	
ROMO0117	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/29/69-09/03/69	0	4	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0128	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/28/74-08/23/75	0	7	
ROMO0131	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/14/90-09/14/90	0	1	
ROMO0132	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/26/75-10/10/75	0	16	
ROMO0133	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/21/90-09/14/90	0	3	
ROMO0134	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/28/69-09/03/69	0	8	
ROMO0136	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/26/75-10/10/75	0	12	
ROMO0138	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/13/73-06/04/75	1	6	
ROMO0141	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/14/93-09/27/93	0	3	
ROMO0142	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/02/92-09/27/93	1	4	
ROMO0143	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/26/75-10/10/75	0	4	
ROMO0144	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/28/74-08/23/75	0	11	
ROMO0145	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/16/74-08/23/75	0	8	
ROMO0146	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/28/69-09/03/69	0	6	
ROMO0147	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/28/69-09/03/69	0	8	
ROMO0148	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/28/69-09/03/69	0	8	
ROMO0151	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/20/90-08/20/90	0	2	
ROMO0156	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/28/74-08/23/75	0	8	
ROMO0157	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/28/74-08/23/75	0	9	
ROMO0171	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/27/88-09/18/89	1	30	
ROMO0345	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/28/74-08/23/75	0	7	
ROMO0363	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/10/88-09/18/89	1	38	
ROMO0388	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/28/74-08/23/75	0	8	
ROMO0404	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/26/95-03/17/97	2	29	
ROMO0410	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/08/78-03/10/97	19	157	T,A
ROMO0430	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/05/88-08/08/89	0	2	
ROMO0447	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/04/95-07/15/96	1	21	
ROMO0451	Yes	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/04/95-06/12/95	0	3	
ROMO0470	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/21/86-03/10/97	10	24	
ROMO0477	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/16/73-05/08/75	1	6	
ROMO0483	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/27/76-04/02/92	15	74	
ROMO0276	Yes	00629	NITROGEN, ORGANIC KJELDAHL, TOTAL (MG/L AS N)	07/05/88-10/15/88	0	6	
ROMO0277	Yes	00629	NITROGEN, ORGANIC KJELDAHL, TOTAL (MG/L AS N)	08/02/95-08/02/95	0	1	
ROMO0299	Yes	00629	NITROGEN, ORGANIC KJELDAHL, TOTAL (MG/L AS N)	07/05/88-10/15/88	0	6	
ROMO0300	Yes	00629	NITROGEN, ORGANIC KJELDAHL, TOTAL (MG/L AS N)	08/02/95-08/02/95	0	1	
ROMO0376	Yes	00629	NITROGEN, ORGANIC KJELDAHL, TOTAL (MG/L AS N)	07/06/88-10/08/88	0	7	
ROMO0377	Yes	00629	NITROGEN, ORGANIC KJELDAHL, TOTAL (MG/L AS N)	08/02/95-08/02/95	0	1	
ROMO0395	Yes	00629	NITROGEN, ORGANIC KJELDAHL, TOTAL (MG/L AS N)	07/06/88-10/08/88	0	6	
ROMO0396	Yes	00629	NITROGEN, ORGANIC KJELDAHL, TOTAL (MG/L AS N)	08/02/95-08/02/95	0	1	
ROMO0011	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/13/90-09/13/90	0	2	
ROMO0020	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/21/90-08/21/90	0	4	
ROMO0024	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/30/96-09/09/97	0	5	
ROMO0026	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/13/90-09/13/90	0	1	
ROMO0028	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/13/90-09/13/90	0	2	
ROMO0034	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/13/73-10/20/92	18	77	
ROMO0060	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/15/78-12/10/92	14	87	
ROMO0061	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/28/74-08/23/75	0	12	
ROMO0062	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/28/74-08/23/75	0	13	
ROMO0063	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/13/73-10/21/92	18	51	
ROMO0064	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/26/75-10/10/75	0	8	
ROMO0075	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/26/75-10/10/75	0	6	
ROMO0087	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/92-08/06/92	0	1	
ROMO0090	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/28/74-08/23/75	0	13	
ROMO0128	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/28/74-08/23/75	0	8	
ROMO0131	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/14/90-09/14/90	0	1	
ROMO0132	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/26/75-10/10/75	0	16	
ROMO0133	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/21/90-09/14/90	0	3	
ROMO0136	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/26/75-10/10/75	0	12	
ROMO0138	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/13/73-06/04/75	1	6	
ROMO0143	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/26/75-10/10/75	0	4	
ROMO0144	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/28/74-08/23/75	0	11	
ROMO0145	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/16/74-08/23/75	0	9	
ROMO0151	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/20/90-08/20/90	0	2	
ROMO0156	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/28/74-08/23/75	0	9	
ROMO0157	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/28/74-08/23/75	0	9	
ROMO0249	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/02/91-09/04/91	0	6	
ROMO0250	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/09/91-09/11/91	0	9	
ROMO0260	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/02/91-09/25/91	0	12	
ROMO0345	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/28/74-08/23/75	0	7	
ROMO0388	Yes	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/28/74-08/23/75	0	8	
ROMO0410	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/08/78-11/19/92	14	129	A
ROMO0460	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/30/96-09/09/97	0	4	
ROMO0470	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/07/80-11/19/92	12	14	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0477	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/16/73-05/08/75	1	6	
ROMO0483	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/10/79-04/02/92	12	74	
ROMO0017	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/26/70-09/20/73	2	3	
ROMO0034	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/22/73-10/01/96	23	109	T,S
ROMO0047	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	11/06/75-07/06/76	0	2	
ROMO0050	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/05/76-07/05/76	0	1	
ROMO0056	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/06/76-07/06/76	0	1	
ROMO0060	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	02/14/89-03/05/97	8	41	
ROMO0063	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/22/73-10/02/96	23	109	T,S
ROMO0068	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/14/75-08/14/75	0	1	
ROMO0073	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/30/76-06/30/76	0	1	
ROMO0081	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/03/75-10/03/75	0	1	
ROMO0110	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	11/27/73-11/27/73	0	1	
ROMO0130	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/08/74-07/08/74	0	1	
ROMO0138	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/22/73-08/22/73	0	2	
ROMO0150	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/02/76-07/02/76	0	1	
ROMO0155	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/29/76-06/29/76	0	1	
ROMO0168	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/02/74-08/27/74	0	2	
ROMO0171	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/27/88-09/18/89	1	30	
ROMO0180	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/02/74-08/27/74	0	2	
ROMO0193	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/01/74-09/11/74	0	2	
ROMO0206	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/25/91-09/25/91	0	1	
ROMO0207	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/25/91-09/25/91	0	1	
ROMO0208	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/25/91-09/25/91	0	1	
ROMO0209	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/25/91-09/25/91	0	1	
ROMO0210	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/25/91-09/25/91	0	1	
ROMO0211	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/25/91-09/25/91	0	1	
ROMO0212	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/25/91-09/25/91	0	1	
ROMO0215	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/28/74-09/11/74	0	2	
ROMO0225	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/25/91-09/25/91	0	1	
ROMO0226	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/10/84-05/05/92	7	39	
ROMO0227	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/14/84-09/29/92	8	39	
ROMO0228	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/10/84-08/24/88	4	37	
ROMO0229	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/24/84-09/29/92	8	42	
ROMO0230	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/10/84-12/24/91	7	44	
ROMO0231	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/25/91-09/25/91	0	1	
ROMO0237	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/25/91-09/25/91	0	1	
ROMO0242	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/25/91-09/25/91	0	1	
ROMO0251	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/20/84-08/24/88	3	20	
ROMO0252	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/20/84-10/10/84	0	2	
ROMO0254	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/20/84-07/22/92	7	30	
ROMO0255	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/20/84-01/23/90	5	27	
ROMO0258	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/25/91-09/25/91	0	1	
ROMO0262	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/26/91-09/26/91	0	1	
ROMO0264	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/26/91-09/26/91	0	1	
ROMO0265	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/26/91-09/26/91	0	1	
ROMO0266	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/28/91-09/28/91	0	1	
ROMO0269	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/16/94-09/16/94	0	1	
ROMO0270	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/28/91-09/28/91	0	1	
ROMO0271	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/26/91-09/26/91	0	1	
ROMO0272	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/26/91-09/26/91	0	1	
ROMO0274	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/26/91-09/26/91	0	1	
ROMO0275	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/26/91-09/26/91	0	1	
ROMO0278	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/26/91-09/26/91	0	1	
ROMO0283	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/26/91-09/26/91	0	1	
ROMO0289	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/28/90-10/01/91	1	3	
ROMO0301	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/15/84-07/22/92	7	35	
ROMO0303	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/16/94-09/16/94	0	1	
ROMO0317	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/17/84-04/28/92	7	49	
ROMO0318	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/25/84-09/29/92	8	45	
ROMO0319	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/17/84-11/13/88	4	43	
ROMO0320	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/17/84-10/27/92	8	304	A
ROMO0321	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/17/84-04/28/92	7	63	
ROMO0327	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/17/84-09/29/92	8	26	
ROMO0341	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/14/86-09/12/91	5	5	
ROMO0342	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/14/87-07/13/88	0	2	
ROMO0343	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/14/86-07/13/88	1	3	
ROMO0347	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/21/87-07/21/87	0	2	
ROMO0351	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/20/74-08/20/74	0	1	
ROMO0363	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/10/88-09/18/89	1	38	
ROMO0369	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/14/87-09/12/91	4	4	
ROMO0370	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/15/86-09/12/91	5	5	

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Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0371	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/15/86-07/13/88	1	3	
ROMO0372	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/15/86-09/12/91	5	5	
ROMO0404	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/26/95-03/17/97	2	29	
ROMO0410	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/11/76-03/10/97	20	176	T,A
ROMO0430	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/05/88-08/08/89	0	2	
ROMO0441	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/15/74-08/29/74	0	2	
ROMO0447	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/04/95-07/15/96	1	21	
ROMO0451	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/04/95-06/12/95	0	3	
ROMO0459	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/05/74-08/05/74	0	1	
ROMO0470	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/18/75-03/10/97	21	170	T,A
ROMO0472	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/28/87-07/28/87	0	2	
ROMO0474	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/09/72-05/09/72	0	1	
ROMO0475	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/18/75-10/18/75	0	1	
ROMO0484	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/28/74-09/11/74	0	2	
ROMO0508	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/09/87-07/17/87	0	6	
ROMO0513	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/05/74-08/05/74	0	1	
ROMO0518	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/18/74-07/18/74	0	1	
ROMO0525	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/27/74-08/27/74	0	1	
ROMO0528	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/18/74-07/18/74	0	1	
ROMO0537	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/10/74-08/27/74	0	2	
ROMO0646	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/11/87-08/03/88	0	2	
ROMO0647	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/06/86-08/31/91	5	6	
ROMO0648	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/11/87-08/03/88	0	2	
ROMO0649	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/25/90-08/31/91	1	2	
ROMO0657	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/06/86-08/03/88	1	3	
ROMO0658	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/06/86-08/03/88	1	4	
ROMO0659	Yes	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/25/90-08/31/91	1	2	
ROMO0009	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	09/07/66-09/07/66	0	1	
ROMO0034	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	06/12/79-06/12/79	0	2	
ROMO0060	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/26/79-04/26/79	0	1	
ROMO0084	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	09/07/66-09/07/66	0	1	
ROMO0152	Yes	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	09/07/66-09/07/66	0	1	
ROMO0410	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/18/79-07/12/79	0	4	
ROMO0470	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/18/79-07/12/79	0	4	
ROMO0476	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	08/23/65-08/26/65	0	2	
ROMO0480	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	08/23/65-08/26/65	0	2	
ROMO0483	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	12/17/71-10/12/73	1	7	
ROMO0069	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	1	
ROMO0074	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	1	
ROMO0091	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	1	
ROMO0093	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	1	
ROMO0096	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	1	
ROMO0099	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	1	
ROMO0102	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	1	
ROMO0103	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	1	
ROMO0104	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	2	
ROMO0106	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	1	
ROMO0109	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	1	
ROMO0112	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	1	
ROMO0113	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	1	
ROMO0119	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	1	
ROMO0120	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	1	
ROMO0122	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	1	
ROMO0164	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	1	
ROMO0170	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	1	
ROMO0182	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	1	
ROMO0183	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	1	
ROMO0186	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	1	
ROMO0195	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	1	
ROMO0196	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	1	
ROMO0198	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	1	
ROMO0200	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	1	
ROMO0203	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	1	
ROMO0205	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	1	
ROMO0217	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	1	
ROMO0218	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	06/14/82-10/07/97	15	57	
ROMO0219	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	08/13/91-10/07/97	6	14	
ROMO0221	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/20/82-08/24/88	6	63	
ROMO0222	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	06/14/82-04/17/97	14	59	
ROMO0223	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	06/14/82-04/17/97	14	76	
ROMO0224	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	1	
ROMO0234	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	06/14/82-10/07/97	15	71	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0235	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	1	
ROMO0239	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	1	
ROMO0240	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	06/08/82-10/10/84	2	18	
ROMO0243	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	06/08/82-08/24/88	6	46	
ROMO0244	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/13/82-05/29/84	1	20	
ROMO0245	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	06/08/82-06/17/97	15	58	
ROMO0256	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	05/18/82-10/07/97	15	62	
ROMO0257	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	1	
ROMO0267	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	1	
ROMO0279	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	1	
ROMO0286	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/05/83-10/07/97	14	53	
ROMO0287	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	06/08/82-10/21/82	0	7	
ROMO0288	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	1	
ROMO0290	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	1	
ROMO0291	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	06/21/88-07/29/97	9	5	
ROMO0292	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	1	
ROMO0295	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	1	
ROMO0296	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	1	
ROMO0298	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	2	
ROMO0307	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	1	
ROMO0308	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	05/11/82-10/07/97	15	128	
ROMO0310	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	1	
ROMO0311	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	1	
ROMO0313	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	06/02/82-11/13/88	6	69	
ROMO0314	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	06/02/82-03/18/97	14	81	
ROMO0315	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	05/11/82-12/23/97	15	101	
ROMO0316	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/14/82-10/21/82	0	6	
ROMO0325	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	05/11/82-12/30/97	15	516	A
ROMO0326	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	1	
ROMO0328	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	12/08/82-10/07/97	14	48	
ROMO0331	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	1	
ROMO0332	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	1	
ROMO0333	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	1	
ROMO0334	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/20/81-07/16/97	15	22	
ROMO0335	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/02/82-08/10/83	1	3	
ROMO0336	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/02/82-07/13/88	6	6	
ROMO0337	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/06/81-07/13/88	7	17	
ROMO0349	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	2	
ROMO0352	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	1	
ROMO0353	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/20/81-09/12/91	10	19	
ROMO0354	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	2	
ROMO0357	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	1	
ROMO0358	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	08/03/81-07/16/97	15	19	
ROMO0359	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	1	
ROMO0360	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/02/82-08/10/83	1	3	
ROMO0361	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/02/82-08/17/90	8	7	
ROMO0362	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/06/81-08/30/94	13	24	
ROMO0364	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	1	
ROMO0521	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	1	
ROMO0533	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	1	
ROMO0535	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	1	
ROMO0538	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	1	
ROMO0540	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	1	
ROMO0543	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	2	
ROMO0544	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	1	
ROMO0545	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	1	
ROMO0547	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	2	
ROMO0548	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	1	
ROMO0553	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	1	
ROMO0554	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	1	
ROMO0555	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	1	
ROMO0556	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	1	
ROMO0557	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	1	
ROMO0558	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	1	
ROMO0559	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	1	
ROMO0561	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	1	
ROMO0563	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	1	
ROMO0564	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	1	
ROMO0565	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	1	
ROMO0566	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	1	
ROMO0567	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	1	
ROMO0568	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	1	

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Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0569	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	1	
ROMO0570	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	2	
ROMO0572	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	1	
ROMO0574	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	1	
ROMO0575	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	1	
ROMO0576	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	1	
ROMO0577	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	1	
ROMO0578	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	1	
ROMO0579	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	1	
ROMO0580	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	2	
ROMO0582	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	1	
ROMO0584	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	1	
ROMO0585	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	1	
ROMO0587	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	1	
ROMO0588	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	1	
ROMO0589	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	1	
ROMO0590	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	1	
ROMO0592	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	1	
ROMO0594	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	1	
ROMO0595	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	1	
ROMO0597	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	1	
ROMO0598	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	1	
ROMO0600	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	1	
ROMO0601	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	1	
ROMO0602	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	1	
ROMO0603	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	1	
ROMO0605	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	1	
ROMO0607	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	1	
ROMO0608	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	2	
ROMO0610	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	1	
ROMO0613	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	1	
ROMO0615	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	1	
ROMO0616	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	1	
ROMO0617	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	1	
ROMO0618	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	1	
ROMO0619	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	1	
ROMO0620	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	1	
ROMO0621	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	1	
ROMO0622	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	1	
ROMO0623	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	1	
ROMO0624	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	1	
ROMO0625	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	1	
ROMO0628	No	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	1	
ROMO0632	No	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	0	1	
ROMO0644	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/15/81-09/13/97	16	21	
ROMO0651	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	08/18/81-09/17/94	13	6	
ROMO0653	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/08/82-08/31/91	9	6	
ROMO0654	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/08/82-08/03/88	6	7	
ROMO0655	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/09/81-10/10/95	14	18	
ROMO0660	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/08/82-08/31/91	9	6	
ROMO0661	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/08/82-08/03/88	6	7	
ROMO0662	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/09/81-09/13/97	16	24	
ROMO0663	Yes	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/15/81-07/25/83	2	13	
ROMO0009	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	09/07/66-09/07/66	0	1	
ROMO0013	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/29/69-08/29/69	0	2	
ROMO0017	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/26/70-09/20/73	2	3	
ROMO0022	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/29/69-09/02/69	0	4	
ROMO0023	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/29/69-08/29/69	0	2	
ROMO0034	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/22/73-08/22/73	0	2	
ROMO0036	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/29/69-09/02/69	0	4	
ROMO0037	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/29/69-09/02/69	0	2	
ROMO0038	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/29/69-09/02/69	0	4	
ROMO0047	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/06/75-11/06/75	0	1	
ROMO0063	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/22/73-08/22/73	0	2	
ROMO0068	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/14/75-08/14/75	0	1	
ROMO0081	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/03/75-10/03/75	0	1	
ROMO0084	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	09/07/66-09/07/66	0	1	
ROMO0110	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/27/73-11/27/73	0	1	
ROMO0114	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/29/69-09/02/69	0	3	
ROMO0115	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/29/69-09/02/69	0	4	
ROMO0116	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/29/69-08/30/69	0	2	
ROMO0117	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/29/69-09/03/69	0	4	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0130	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	07/08/74-07/08/74	0	1	
ROMO0134	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/28/69-09/03/69	0	8	
ROMO0138	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/22/73-08/22/73	0	2	
ROMO0146	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/28/69-09/03/69	0	6	
ROMO0147	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/28/69-09/03/69	0	8	
ROMO0148	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/28/69-09/03/69	0	8	
ROMO0152	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	09/07/66-09/07/66	0	1	
ROMO0167	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/21/78-08/21/79	1	2	
ROMO0168	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	07/02/74-08/27/74	0	2	
ROMO0169	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/21/78-06/21/78	0	1	
ROMO0180	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	07/02/74-08/27/74	0	2	
ROMO0193	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	07/01/74-09/11/74	0	2	
ROMO0194	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	07/05/78-08/21/79	1	2	
ROMO0215	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/28/74-09/11/74	0	2	
ROMO0351	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/20/74-08/20/74	0	1	
ROMO0410	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/11/76-09/19/79	3	25	
ROMO0441	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	07/15/74-08/29/74	0	2	
ROMO0459	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/05/74-08/05/74	0	1	
ROMO0470	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	09/18/75-09/19/79	4	44	
ROMO0474	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	05/09/72-05/09/72	0	1	
ROMO0476	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/23/65-08/26/65	0	2	
ROMO0480	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/23/65-08/26/65	0	2	
ROMO0484	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/28/74-09/11/74	0	2	
ROMO0513	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/05/74-08/05/74	0	1	
ROMO0518	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	07/18/74-07/18/74	0	1	
ROMO0525	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/27/74-08/27/74	0	1	
ROMO0528	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	07/18/74-07/18/74	0	1	
ROMO0537	Yes	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	07/10/74-08/27/74	0	2	
ROMO0001	No	00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	09/15/85-09/15/85	0	1	
ROMO0005	No	00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	10/06/85-10/06/85	0	1	
ROMO0015	No	00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	09/15/85-09/15/85	0	1	
ROMO0018	No	00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	09/12/85-09/12/85	0	1	
ROMO0025	Yes	00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	10/02/85-10/02/85	0	1	
ROMO0035	Yes	00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	10/04/85-10/04/85	0	1	
ROMO0046	Yes	00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	10/04/85-10/04/85	0	1	
ROMO0070	Yes	00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	10/10/85-10/10/85	0	1	
ROMO0071	Yes	00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	10/02/85-10/02/85	0	1	
ROMO0088	Yes	00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	10/04/85-10/04/85	0	1	
ROMO0095	Yes	00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	10/02/85-10/02/85	0	1	
ROMO0107	Yes	00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	10/02/85-10/02/85	0	1	
ROMO0135	Yes	00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	10/10/85-10/10/85	0	1	
ROMO0159	Yes	00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	10/02/85-10/02/85	0	1	
ROMO0163	Yes	00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	10/02/85-10/02/85	0	1	
ROMO0185	Yes	00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	10/10/85-10/10/85	0	1	
ROMO0294	Yes	00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	10/10/85-10/10/85	0	1	
ROMO0322	Yes	00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	10/10/85-10/10/85	0	1	
ROMO0338	Yes	00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	10/10/85-10/10/85	0	1	
ROMO0344	Yes	00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	10/04/85-10/04/85	0	1	
ROMO0374	Yes	00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	10/04/85-10/04/85	0	1	
ROMO0435	Yes	00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	10/04/85-10/04/85	0	1	
ROMO0466	Yes	00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	10/04/85-10/04/85	0	1	
ROMO0486	No	00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	09/12/85-09/12/85	0	1	
ROMO0490	Yes	00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	10/06/85-10/06/85	0	1	
ROMO0573	Yes	00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	10/04/85-10/04/85	0	1	
ROMO0591	Yes	00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	10/06/85-10/06/85	0	1	
ROMO0668	Yes	00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	10/04/85-10/04/85	0	1	
ROMO0671	No	00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	09/11/85-09/11/85	0	1	
ROMO0011	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/13/90-09/13/90	0	2	
ROMO0016	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/20/71-09/20/73	2	9	
ROMO0020	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/21/90-08/21/90	0	4	
ROMO0024	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/30/96-09/09/97	0	5	
ROMO0026	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/13/90-09/13/90	0	1	
ROMO0028	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/13/90-09/13/90	0	2	
ROMO0034	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/13/73-10/01/96	22	136	T,S
ROMO0060	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/15/78-03/05/97	18	124	T
ROMO0061	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/28/74-08/23/75	0	11	
ROMO0062	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/28/74-08/23/75	0	13	
ROMO0063	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/13/73-10/02/96	22	113	T,S
ROMO0064	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/26/75-10/10/75	0	8	
ROMO0075	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/26/75-10/10/75	0	6	
ROMO0090	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/28/74-08/23/75	0	13	
ROMO0128	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/28/74-08/23/75	0	8	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0131	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/14/90-09/14/90	0	1	
ROMO0132	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/26/75-10/10/75	0	16	
ROMO0133	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/21/90-09/14/90	0	3	
ROMO0136	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/26/75-10/10/75	0	12	
ROMO0138	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/13/73-06/04/75	1	6	
ROMO0141	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/02/92-09/27/93	1	4	
ROMO0142	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/02/92-09/27/93	1	4	
ROMO0143	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/26/75-10/10/75	0	4	
ROMO0144	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/28/74-08/23/75	0	11	
ROMO0145	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/16/74-08/23/75	0	9	
ROMO0151	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/20/90-08/20/90	0	2	
ROMO0156	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/28/74-08/23/75	0	9	
ROMO0157	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/28/74-08/23/75	0	9	
ROMO0171	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/27/88-09/18/89	1	30	
ROMO0226	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/12/84-01/21/85	0	10	
ROMO0227	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/14/84-09/11/84	0	2	
ROMO0228	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/12/84-01/21/85	0	9	
ROMO0229	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/13/84-10/09/84	0	7	
ROMO0230	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/12/84-01/21/85	0	9	
ROMO0251	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/20/84-01/21/85	0	3	
ROMO0252	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/20/84-10/10/84	0	2	
ROMO0254	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/10/84-10/10/84	0	3	
ROMO0255	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/20/84-01/21/85	0	3	
ROMO0276	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/05/88-10/15/88	0	6	
ROMO0277	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/02/95-08/02/95	0	1	
ROMO0299	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/05/88-10/15/88	0	6	
ROMO0300	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/02/95-08/02/95	0	1	
ROMO0301	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/13/84-10/11/84	0	5	
ROMO0317	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/13/84-01/22/85	0	9	
ROMO0318	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/12/84-10/11/84	0	10	
ROMO0319	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/03/84-01/22/85	0	10	
ROMO0320	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/12/84-10/24/84	0	16	
ROMO0321	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/13/84-12/06/84	0	10	
ROMO0327	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/13/84-08/15/84	0	6	
ROMO0345	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/28/74-08/23/75	0	7	
ROMO0363	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/10/88-09/18/89	1	38	
ROMO0376	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/06/88-10/08/88	0	7	
ROMO0377	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/02/95-08/02/95	0	1	
ROMO0388	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/28/74-08/23/75	0	8	
ROMO0395	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/06/88-10/08/88	0	6	
ROMO0396	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/02/95-08/02/95	0	1	
ROMO0404	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/26/95-03/17/97	2	29	
ROMO0405	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/22/88-06/22/88	0	1	
ROMO0408	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/22/88-06/22/88	0	1	
ROMO0410	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/08/78-03/10/97	19	160	T,A
ROMO0430	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/05/88-08/08/89	0	2	
ROMO0447	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/04/95-07/15/96	1	21	
ROMO0451	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/04/95-06/12/95	0	3	
ROMO0460	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/30/96-09/09/97	0	4	
ROMO0469	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/08/77-09/27/78	1	2	
ROMO0470	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/18/75-03/10/97	21	168	T,A
ROMO0475	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/18/75-10/18/75	0	1	
ROMO0477	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/16/73-05/08/75	1	6	
ROMO0483	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/09/74-04/02/92	17	90	
ROMO0514	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/01/88-06/16/88	0	3	
ROMO0519	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/05/88-06/16/88	0	7	
ROMO0524	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/05/88-06/16/88	0	7	
ROMO0652	Yes	00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/22/88-06/22/88	0	1	
ROMO0675	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/15/88-06/20/88	0	5	
ROMO0013	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/29/69-08/29/69	0	2	
ROMO0022	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/29/69-09/02/69	0	4	
ROMO0023	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/29/69-08/29/69	0	2	
ROMO0034	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/22/73-10/01/96	23	97	S
ROMO0036	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/29/69-09/02/69	0	4	
ROMO0037	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/29/69-09/02/69	0	2	
ROMO0038	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/29/69-09/02/69	0	4	
ROMO0060	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	02/14/89-03/05/97	8	41	
ROMO0063	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/22/73-10/02/96	23	97	S
ROMO0114	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/29/69-09/02/69	0	3	
ROMO0115	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/29/69-09/02/69	0	4	
ROMO0116	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/29/69-08/30/69	0	2	
ROMO0117	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/29/69-09/03/69	0	4	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0134	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/28/69-09/03/69	0	8	
ROMO0138	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/22/73-08/22/73	0	2	
ROMO0146	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/28/69-09/03/69	0	6	
ROMO0147	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/28/69-09/03/69	0	8	
ROMO0148	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/28/69-09/03/69	0	8	
ROMO0365	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	06/14/88-11/08/88	0	13	
ROMO0368	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/13/88-10/11/88	0	4	
ROMO0379	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	06/14/88-11/08/88	0	12	
ROMO0387	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	06/14/88-10/11/88	0	8	
ROMO0404	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	01/26/95-03/17/97	2	29	
ROMO0410	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/13/78-03/10/97	18	153	T,A
ROMO0447	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	01/04/95-07/15/96	1	21	
ROMO0451	Yes	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	01/04/95-06/12/95	0	3	
ROMO0470	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/13/78-03/10/97	18	134	T,A
ROMO0085	Yes	00667	PHOSPHORUS, SUSPENDED (MG/L AS P)	05/17/94-06/17/96	2	11	
ROMO0092	No	00667	PHOSPHORUS, SUSPENDED (MG/L AS P)	04/11/94-05/07/96	2	15	
ROMO0127	Yes	00667	PHOSPHORUS, SUSPENDED (MG/L AS P)	06/14/94-07/01/96	2	6	
ROMO0003	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/28/87-10/06/87	0	6	
ROMO0004	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/01/87-10/01/87	0	2	
ROMO0016	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/20/71-09/20/73	2	9	
ROMO0017	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/26/70-09/20/73	2	3	
ROMO0034	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/22/73-10/01/96	23	109	T,S
ROMO0047	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11/06/75-11/06/75	0	1	
ROMO0060	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	02/14/89-03/05/97	8	41	
ROMO0061	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/28/74-08/23/75	0	12	
ROMO0062	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/28/74-08/23/75	0	13	
ROMO0063	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/22/73-10/02/96	23	109	T,S
ROMO0064	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/26/75-10/10/75	0	8	
ROMO0068	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/14/75-08/14/75	0	1	
ROMO0075	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/26/75-10/10/75	0	6	
ROMO0076	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/18/87-08/18/87	0	4	
ROMO0081	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/03/75-10/03/75	0	1	
ROMO0082	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/21/87-10/01/87	0	14	
ROMO0090	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/28/74-08/23/75	0	12	
ROMO0110	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11/27/73-11/27/73	0	1	
ROMO0128	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/28/74-08/23/75	0	8	
ROMO0130	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/08/74-07/08/74	0	1	
ROMO0132	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/26/75-10/10/75	0	16	
ROMO0136	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/26/75-10/10/75	0	12	
ROMO0137	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/09/87-10/21/87	0	18	
ROMO0138	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/22/73-08/22/73	0	2	
ROMO0143	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/26/75-10/10/75	0	4	
ROMO0144	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/28/74-08/23/75	0	11	
ROMO0145	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11/16/74-08/23/75	0	9	
ROMO0156	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/28/74-08/23/75	0	9	
ROMO0157	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/28/74-08/23/75	0	9	
ROMO0168	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/74-08/27/74	0	2	
ROMO0171	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/23/87-09/18/89	1	32	
ROMO0173	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/24/87-07/24/87	0	4	
ROMO0180	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/74-08/27/74	0	2	
ROMO0193	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/01/74-09/11/74	0	2	
ROMO0206	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/25/91-09/25/91	0	1	
ROMO0207	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/25/91-09/25/91	0	1	
ROMO0208	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/25/91-09/25/91	0	1	
ROMO0209	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/25/91-09/25/91	0	1	
ROMO0210	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/25/91-09/25/91	0	1	
ROMO0211	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/25/91-09/25/91	0	1	
ROMO0212	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/25/91-09/25/91	0	1	
ROMO0215	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/28/74-09/11/74	0	2	
ROMO0225	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/25/91-09/25/91	0	1	
ROMO0226	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/16/83-05/05/92	9	46	
ROMO0227	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/16/83-09/29/92	9	41	
ROMO0228	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/16/83-08/24/88	5	44	
ROMO0229	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/16/83-09/29/92	9	47	
ROMO0230	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	02/15/83-12/24/91	8	51	
ROMO0231	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/25/91-09/25/91	0	1	
ROMO0237	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/25/91-09/25/91	0	1	
ROMO0242	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/25/91-09/25/91	0	1	
ROMO0251	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/16/83-08/24/88	5	32	
ROMO0252	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/29/83-10/10/84	1	6	
ROMO0253	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/16/83-02/28/84	0	6	
ROMO0254	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/29/83-07/22/92	8	37	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0255	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	02/15/83-01/23/90	6	39	
ROMO0258	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/25/91-09/25/91	0	1	
ROMO0262	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/26/91-09/26/91	0	1	
ROMO0264	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/26/91-09/26/91	0	1	
ROMO0265	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/26/91-09/26/91	0	1	
ROMO0266	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/28/91-09/28/91	0	1	
ROMO0269	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/16/94-09/16/94	0	1	
ROMO0270	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/28/91-09/28/91	0	1	
ROMO0271	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/26/91-09/26/91	0	1	
ROMO0272	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/26/91-09/26/91	0	1	
ROMO0274	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/26/91-09/26/91	0	1	
ROMO0275	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/26/91-09/26/91	0	1	
ROMO0278	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/26/91-09/26/91	0	1	
ROMO0283	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/26/91-09/26/91	0	1	
ROMO0289	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/28/90-10/01/91	1	3	
ROMO0301	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/02/83-07/22/92	8	43	
ROMO0303	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/16/94-09/16/94	0	1	
ROMO0309	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/27/87-10/27/87	0	2	
ROMO0317	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/04/83-04/28/92	9	60	
ROMO0318	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/04/83-09/29/92	9	61	
ROMO0319	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/04/83-11/13/88	5	53	
ROMO0320	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	02/08/83-10/27/92	9	333	A
ROMO0321	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	02/08/83-04/28/92	9	77	
ROMO0323	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/27/87-10/27/87	0	2	
ROMO0327	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/02/83-09/29/92	9	34	
ROMO0341	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/14/86-09/12/91	5	5	
ROMO0342	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/14/87-07/13/88	0	2	
ROMO0343	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/14/86-07/13/88	1	3	
ROMO0345	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/28/74-08/23/75	0	7	
ROMO0351	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/20/74-08/20/74	0	1	
ROMO0363	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/12/87-09/18/89	2	40	
ROMO0369	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/14/87-09/12/91	4	4	
ROMO0370	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/15/86-09/12/91	5	5	
ROMO0371	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/15/86-07/13/88	1	3	
ROMO0372	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/15/86-09/12/91	5	5	
ROMO0373	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/17/87-11/10/87	0	24	
ROMO0388	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/28/74-08/23/75	0	7	
ROMO0404	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/26/95-03/17/97	2	29	
ROMO0407	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/31/87-08/31/87	0	2	
ROMO0410	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/11/76-03/10/97	20	67	
ROMO0430	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/21/87-08/08/89	2	7	
ROMO0441	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/15/74-08/29/74	0	2	
ROMO0447	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/04/95-07/15/96	1	21	
ROMO0451	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/04/95-06/12/95	0	3	
ROMO0459	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/05/74-08/05/74	0	1	
ROMO0470	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/18/75-03/10/97	21	67	
ROMO0472	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/05/87-11/10/87	0	26	
ROMO0474	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/09/72-05/09/72	0	1	
ROMO0484	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/28/74-09/11/74	0	2	
ROMO0513	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/05/74-08/05/74	0	1	
ROMO0518	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/18/74-07/18/74	0	1	
ROMO0525	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/27/74-08/27/74	0	1	
ROMO0528	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/18/74-07/18/74	0	1	
ROMO0530	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/27/87-10/27/87	0	2	
ROMO0537	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/10/74-08/27/74	0	2	
ROMO0646	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/11/87-08/03/88	0	2	
ROMO0647	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/06/86-08/31/91	5	6	
ROMO0648	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/11/87-08/03/88	0	2	
ROMO0649	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/25/90-08/31/91	1	2	
ROMO0657	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/06/86-08/03/88	1	3	
ROMO0658	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/06/86-08/03/88	1	4	
ROMO0659	Yes	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/25/90-08/31/91	1	2	
ROMO0137	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/21/87-10/21/87	0	2	
ROMO0228	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/28/86-05/28/86	0	1	
ROMO0365	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/14/88-11/08/88	0	13	
ROMO0368	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/13/88-10/11/88	0	4	
ROMO0379	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/14/88-11/08/88	0	12	
ROMO0387	Yes	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/14/88-08/03/88	0	7	
ROMO0001	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/15/85-09/15/85	0	1	
ROMO0005	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/06/85-10/06/85	0	1	
ROMO0015	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/15/85-09/15/85	0	1	
ROMO0018	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/12/85-09/12/85	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0025	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/02/85-10/02/85	0	1	
ROMO0035	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/04/85-10/04/85	0	1	
ROMO0046	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/04/85-10/04/85	0	1	
ROMO0070	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/10/85-10/10/85	0	1	
ROMO0071	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/02/85-10/02/85	0	1	
ROMO0088	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/04/85-10/04/85	0	1	
ROMO0095	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/02/85-10/02/85	0	1	
ROMO0107	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/02/85-10/02/85	0	1	
ROMO0135	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/10/85-10/10/85	0	1	
ROMO0159	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/02/85-10/02/85	0	1	
ROMO0163	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/02/85-10/02/85	0	1	
ROMO0185	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/10/85-10/10/85	0	1	
ROMO0218	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	07/29/86-10/07/97	11	39	
ROMO0219	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	08/13/91-10/07/97	6	19	
ROMO0221	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	04/16/83-08/24/88	5	22	
ROMO0222	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	04/16/83-04/17/97	14	36	
ROMO0223	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	02/15/83-04/17/97	14	47	
ROMO0227	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	08/13/91-09/29/92	1	2	
ROMO0230	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	06/12/84-06/12/84	0	1	
ROMO0234	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	06/13/84-10/07/97	13	49	
ROMO0243	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	04/16/83-04/16/83	0	1	
ROMO0244	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	04/16/83-04/16/83	0	1	
ROMO0245	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	02/15/83-06/17/97	14	3	
ROMO0256	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	06/26/84-10/07/97	13	29	
ROMO0268	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	05/05/94-08/04/98	4	28	
ROMO0276	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	07/05/88-10/15/88	0	6	
ROMO0284	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	08/23/93-08/23/93	0	1	
ROMO0286	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	06/12/86-10/07/97	11	40	
ROMO0291	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	06/21/88-07/29/97	9	5	
ROMO0294	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/10/85-10/10/85	0	1	
ROMO0299	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	07/05/88-10/15/88	0	6	
ROMO0301	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/24/87-10/11/88	1	3	
ROMO0302	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	04/06/94-08/04/98	4	35	
ROMO0308	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	04/04/83-10/07/97	14	61	
ROMO0313	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	04/04/83-11/13/88	5	22	
ROMO0314	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	04/04/83-03/18/97	13	42	
ROMO0315	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	02/08/83-12/23/97	14	63	
ROMO0317	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	08/23/88-02/26/89	0	2	
ROMO0318	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/24/87-10/16/90	3	2	
ROMO0320	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	08/18/87-10/27/92	5	23	
ROMO0321	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	02/21/88-02/26/89	1	3	
ROMO0322	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/10/85-10/10/85	0	1	
ROMO0324	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	04/30/95-08/21/95	0	5	
ROMO0325	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	02/08/83-12/30/97	14	472	A
ROMO0328	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	06/27/84-10/07/97	13	36	
ROMO0334	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	07/14/87-07/16/97	10	8	
ROMO0336	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	07/14/87-07/13/88	0	2	
ROMO0337	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	07/14/87-07/13/88	0	2	
ROMO0338	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/10/85-10/10/85	0	1	
ROMO0344	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/04/85-10/04/85	0	1	
ROMO0353	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	07/14/87-09/28/93	6	6	
ROMO0358	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	07/14/87-07/16/97	10	7	
ROMO0361	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	07/14/87-08/31/92	5	5	
ROMO0362	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	07/14/87-08/30/94	7	6	
ROMO0365	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	06/14/88-11/08/88	0	13	
ROMO0368	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	07/13/88-10/11/88	0	4	
ROMO0374	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/04/85-10/04/85	0	1	
ROMO0376	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	07/06/88-10/08/88	0	7	
ROMO0379	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	06/14/88-11/08/88	0	12	
ROMO0381	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	04/20/95-08/21/95	0	6	
ROMO0387	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	06/14/88-08/03/88	0	7	
ROMO0395	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	07/06/88-10/08/88	0	6	
ROMO0404	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	01/26/95-02/18/97	2	28	
ROMO0410	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/17/96-09/17/96	0	1	
ROMO0435	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/04/85-10/04/85	0	1	
ROMO0438	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	04/20/95-08/21/95	0	5	
ROMO0447	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	01/04/95-10/04/95	0	11	
ROMO0451	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	01/04/95-06/12/95	0	3	
ROMO0466	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/04/85-10/04/85	0	1	
ROMO0474	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	05/09/72-05/09/72	0	1	
ROMO0486	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/12/85-09/12/85	0	1	
ROMO0490	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/06/85-10/06/85	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0573	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/04/85-10/04/85	0	1	
ROMO0591	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/06/85-10/06/85	0	1	
ROMO0644	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	08/11/87-09/13/97	10	7	
ROMO0651	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	08/25/90-09/30/93	3	4	
ROMO0653	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	08/25/90-08/31/91	1	2	
ROMO0654	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	08/11/87-08/11/87	0	1	
ROMO0655	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	08/11/87-10/10/95	8	3	
ROMO0658	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	08/11/87-08/11/87	0	1	
ROMO0659	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	08/25/90-08/31/91	1	2	
ROMO0660	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	08/25/90-08/31/91	1	2	
ROMO0661	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	08/11/87-08/11/87	0	1	
ROMO0662	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	07/26/83-09/13/97	14	9	
ROMO0663	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	08/28/92-09/30/93	1	2	
ROMO0668	Yes	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/04/85-10/04/85	0	1	
ROMO0671	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/11/85-09/11/85	0	1	
ROMO0404	Yes	00689	CARBON, SUSPENDED ORGANIC (MG/L AS C)	01/26/95-02/18/97	2	28	
ROMO0410	No	00689	CARBON, SUSPENDED ORGANIC (MG/L AS C)	09/17/96-09/17/96	0	1	
ROMO0447	Yes	00689	CARBON, SUSPENDED ORGANIC (MG/L AS C)	01/04/95-10/04/95	0	11	
ROMO0451	Yes	00689	CARBON, SUSPENDED ORGANIC (MG/L AS C)	01/04/95-06/12/95	0	3	
ROMO0001	No	00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	09/15/85-09/15/85	0	1	
ROMO0005	No	00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	10/06/85-10/06/85	0	1	
ROMO0015	No	00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	09/15/85-09/15/85	0	1	
ROMO0018	No	00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	09/12/85-09/12/85	0	1	
ROMO0025	Yes	00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	10/02/85-10/02/85	0	1	
ROMO0035	Yes	00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	10/04/85-10/04/85	0	1	
ROMO0046	Yes	00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	10/04/85-10/04/85	0	1	
ROMO0070	Yes	00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	10/10/85-10/10/85	0	1	
ROMO0071	Yes	00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	10/02/85-10/02/85	0	1	
ROMO0088	Yes	00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	10/04/85-10/04/85	0	1	
ROMO0095	Yes	00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	10/02/85-10/02/85	0	1	
ROMO0107	Yes	00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	10/02/85-10/02/85	0	1	
ROMO0135	Yes	00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	10/10/85-10/10/85	0	1	
ROMO0159	Yes	00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	10/02/85-10/02/85	0	1	
ROMO0163	Yes	00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	10/02/85-10/02/85	0	1	
ROMO0185	Yes	00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	10/10/85-10/10/85	0	1	
ROMO0294	Yes	00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	10/10/85-10/10/85	0	1	
ROMO0322	Yes	00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	10/10/85-10/10/85	0	1	
ROMO0338	Yes	00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	10/10/85-10/10/85	0	1	
ROMO0344	Yes	00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	10/04/85-10/04/85	0	1	
ROMO0374	Yes	00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	10/04/85-10/04/85	0	1	
ROMO0435	Yes	00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	10/04/85-10/04/85	0	1	
ROMO0466	Yes	00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	10/04/85-10/04/85	0	1	
ROMO0486	No	00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	09/12/85-09/12/85	0	1	
ROMO0490	Yes	00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	10/06/85-10/06/85	0	1	
ROMO0573	Yes	00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	10/04/85-10/04/85	0	1	
ROMO0591	Yes	00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	10/06/85-10/06/85	0	1	
ROMO0668	Yes	00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	10/04/85-10/04/85	0	1	
ROMO0671	No	00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	09/11/85-09/11/85	0	1	
ROMO0483	No	00723	CYANIDE, DISSOLVED STD METHOD (UG/L)	12/17/71-05/19/83	11	49	
ROMO0009	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/21/66-11/08/66	0	2	
ROMO0017	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/09/69-09/20/73	4	18	
ROMO0024	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/30/96-09/09/97	0	5	
ROMO0034	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/22/73-08/22/73	0	2	
ROMO0047	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/06/75-11/06/75	0	1	
ROMO0059	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/21/41-04/26/57	16	6	
ROMO0063	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/22/73-08/22/73	0	2	
ROMO0068	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/14/75-08/14/75	0	1	
ROMO0081	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/03/75-10/03/75	0	1	
ROMO0084	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/25/66-11/08/66	0	2	
ROMO0110	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/27/73-11/27/73	0	1	
ROMO0130	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/08/74-07/08/74	0	1	
ROMO0138	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/22/73-08/22/73	0	2	
ROMO0141	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/02/92-09/27/93	1	4	
ROMO0142	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/02/92-09/27/93	1	3	
ROMO0168	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/02/74-08/27/74	0	2	
ROMO0180	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/02/74-08/27/74	0	2	
ROMO0193	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/01/74-09/11/74	0	2	
ROMO0215	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/28/74-09/11/74	0	2	
ROMO0226	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/16/83-04/16/83	0	1	
ROMO0228	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/16/83-04/16/83	0	1	
ROMO0230	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/15/83-04/16/83	0	2	
ROMO0251	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/16/83-04/16/83	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0253	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/16/83-04/16/83	0	1	
ROMO0255	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/15/83-04/16/83	0	2	
ROMO0276	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/05/88-10/15/88	0	6	
ROMO0277	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/02/95-08/02/95	0	1	
ROMO0299	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/05/88-10/15/88	0	6	
ROMO0300	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/02/95-08/02/95	0	1	
ROMO0317	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/04/83-04/04/83	0	1	
ROMO0318	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/04/83-04/11/83	0	2	
ROMO0319	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/04/83-04/04/83	0	1	
ROMO0320	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/08/83-05/20/86	3	2	
ROMO0321	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/08/83-04/04/83	0	2	
ROMO0351	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/20/74-08/20/74	0	1	
ROMO0365	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/14/88-11/08/88	0	13	
ROMO0368	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/13/88-10/11/88	0	4	
ROMO0376	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/06/88-10/08/88	0	7	
ROMO0377	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/02/95-08/02/95	0	1	
ROMO0379	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/14/88-11/08/88	0	12	
ROMO0380	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/30/79-10/13/79	0	9	
ROMO0385	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/30/79-10/13/79	0	9	
ROMO0387	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/14/88-10/11/88	0	8	
ROMO0395	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/06/88-10/08/88	0	6	
ROMO0396	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/02/95-08/02/95	0	1	
ROMO0410	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/11/76-03/23/83	6	72	
ROMO0441	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/15/74-08/29/74	0	2	
ROMO0459	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/05/74-08/05/74	0	1	
ROMO0460	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/30/96-09/09/97	0	4	
ROMO0470	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/18/75-03/23/83	7	89	
ROMO0474	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/09/72-05/09/72	0	1	
ROMO0476	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/23/65-08/26/65	0	2	
ROMO0480	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/23/65-08/26/65	0	2	
ROMO0483	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/17/71-04/02/92	20	85	
ROMO0484	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/28/74-09/11/74	0	2	
ROMO0489	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/23/65-08/26/65	0	2	
ROMO0500	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/23/65-08/26/65	0	2	
ROMO0513	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/05/74-08/05/74	0	1	
ROMO0518	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/18/74-07/18/74	0	1	
ROMO0525	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/27/74-08/27/74	0	1	
ROMO0528	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/18/74-07/18/74	0	1	
ROMO0537	Yes	00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/10/74-08/27/74	0	2	
ROMO0017	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/09/69-09/20/73	4	18	
ROMO0034	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/22/73-08/22/73	0	2	
ROMO0047	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	11/06/75-11/06/75	0	1	
ROMO0059	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/21/41-04/26/57	16	6	
ROMO0063	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/22/73-08/22/73	0	2	
ROMO0068	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/14/75-08/14/75	0	1	
ROMO0081	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/03/75-10/03/75	0	1	
ROMO0110	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	11/27/73-11/27/73	0	1	
ROMO0130	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/08/74-07/08/74	0	1	
ROMO0138	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/22/73-08/22/73	0	2	
ROMO0168	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/02/74-08/27/74	0	2	
ROMO0180	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/02/74-08/27/74	0	2	
ROMO0193	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/01/74-09/11/74	0	2	
ROMO0215	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	06/28/74-09/11/74	0	2	
ROMO0351	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/20/74-08/20/74	0	1	
ROMO0410	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/11/76-02/25/81	4	48	
ROMO0441	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/15/74-08/29/74	0	2	
ROMO0459	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/05/74-08/05/74	0	1	
ROMO0470	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/18/75-02/25/81	5	65	
ROMO0474	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	05/09/72-05/09/72	0	1	
ROMO0484	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	06/28/74-09/11/74	0	2	
ROMO0513	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/05/74-08/05/74	0	1	
ROMO0518	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/18/74-07/18/74	0	1	
ROMO0525	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/27/74-08/27/74	0	1	
ROMO0528	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/18/74-07/18/74	0	1	
ROMO0537	Yes	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/10/74-08/27/74	0	2	
ROMO0001	No	00910	CALCIUM (MG/L AS CACO3)	09/15/85-09/15/85	0	1	
ROMO0005	No	00910	CALCIUM (MG/L AS CACO3)	10/06/85-10/06/85	0	1	
ROMO0015	No	00910	CALCIUM (MG/L AS CACO3)	09/15/85-09/15/85	0	1	
ROMO0018	No	00910	CALCIUM (MG/L AS CACO3)	09/12/85-09/12/85	0	1	
ROMO0025	Yes	00910	CALCIUM (MG/L AS CACO3)	10/02/85-10/02/85	0	1	
ROMO0035	Yes	00910	CALCIUM (MG/L AS CACO3)	10/04/85-10/04/85	0	1	
ROMO0046	Yes	00910	CALCIUM (MG/L AS CACO3)	10/04/85-10/04/85	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0070	Yes	00910	CALCIUM (MG/L AS CACO3)	10/10/85-10/10/85	0	1	
ROMO0071	Yes	00910	CALCIUM (MG/L AS CACO3)	10/02/85-10/02/85	0	1	
ROMO0088	Yes	00910	CALCIUM (MG/L AS CACO3)	10/04/85-10/04/85	0	1	
ROMO0095	Yes	00910	CALCIUM (MG/L AS CACO3)	10/02/85-10/02/85	0	1	
ROMO0107	Yes	00910	CALCIUM (MG/L AS CACO3)	10/02/85-10/02/85	0	1	
ROMO0135	Yes	00910	CALCIUM (MG/L AS CACO3)	10/10/85-10/10/85	0	1	
ROMO0159	Yes	00910	CALCIUM (MG/L AS CACO3)	10/02/85-10/02/85	0	1	
ROMO0163	Yes	00910	CALCIUM (MG/L AS CACO3)	10/02/85-10/02/85	0	1	
ROMO0185	Yes	00910	CALCIUM (MG/L AS CACO3)	10/10/85-10/10/85	0	1	
ROMO0294	Yes	00910	CALCIUM (MG/L AS CACO3)	10/10/85-10/10/85	0	1	
ROMO0322	Yes	00910	CALCIUM (MG/L AS CACO3)	10/10/85-10/10/85	0	1	
ROMO0338	Yes	00910	CALCIUM (MG/L AS CACO3)	10/10/85-10/10/85	0	1	
ROMO0344	Yes	00910	CALCIUM (MG/L AS CACO3)	10/04/85-10/04/85	0	1	
ROMO0374	Yes	00910	CALCIUM (MG/L AS CACO3)	10/04/85-10/04/85	0	1	
ROMO0435	Yes	00910	CALCIUM (MG/L AS CACO3)	10/04/85-10/04/85	0	1	
ROMO0466	Yes	00910	CALCIUM (MG/L AS CACO3)	10/04/85-10/04/85	0	1	
ROMO0483	No	00910	CALCIUM (MG/L AS CACO3)	12/17/71-12/10/80	8	35	
ROMO0486	No	00910	CALCIUM (MG/L AS CACO3)	09/12/85-09/12/85	0	1	
ROMO0490	Yes	00910	CALCIUM (MG/L AS CACO3)	10/06/85-10/06/85	0	1	
ROMO0573	Yes	00910	CALCIUM (MG/L AS CACO3)	10/04/85-10/04/85	0	1	
ROMO0591	Yes	00910	CALCIUM (MG/L AS CACO3)	10/06/85-10/06/85	0	1	
ROMO0668	Yes	00910	CALCIUM (MG/L AS CACO3)	10/04/85-10/04/85	0	1	
ROMO0671	No	00910	CALCIUM (MG/L AS CACO3)	09/11/85-09/11/85	0	1	
ROMO0003	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/28/87-10/06/87	0	6	
ROMO0004	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/01/87-10/01/87	0	2	
ROMO0017	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/09/69-09/20/73	4	18	
ROMO0034	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/22/73-10/01/96	23	106	T,S
ROMO0039	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/12/97-07/12/97	0	1	
ROMO0047	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	11/06/75-11/06/75	0	1	
ROMO0059	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/21/41-10/02/51	10	5	
ROMO0060	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	02/14/89-03/05/97	8	42	
ROMO0063	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/22/73-10/02/96	23	106	T,S
ROMO0068	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/14/75-08/14/75	0	1	
ROMO0069	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	1	
ROMO0074	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	1	
ROMO0076	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/18/87-08/18/87	0	4	
ROMO0081	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/03/75-10/03/75	0	1	
ROMO0082	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/21/87-10/01/87	0	14	
ROMO0091	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	1	
ROMO0093	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	1	
ROMO0096	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	1	
ROMO0099	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	1	
ROMO0102	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	1	
ROMO0103	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	1	
ROMO0104	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	2	
ROMO0106	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	1	
ROMO0109	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	1	
ROMO0110	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	11/27/73-11/27/73	0	1	
ROMO0112	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	1	
ROMO0113	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	1	
ROMO0119	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	1	
ROMO0120	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	1	
ROMO0122	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	1	
ROMO0130	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/08/74-07/08/74	0	1	
ROMO0137	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/09/87-10/21/87	0	18	
ROMO0138	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/22/73-08/22/73	0	2	
ROMO0164	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	1	
ROMO0168	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/02/74-08/27/74	0	2	
ROMO0170	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	1	
ROMO0171	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/23/87-09/18/89	1	32	
ROMO0173	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/24/87-07/24/87	0	4	
ROMO0180	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/02/74-08/27/74	0	2	
ROMO0182	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	1	
ROMO0183	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	1	
ROMO0186	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	1	
ROMO0193	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/01/74-09/11/74	0	2	
ROMO0195	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	1	
ROMO0196	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	1	
ROMO0198	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	1	
ROMO0200	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	1	
ROMO0203	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	1	
ROMO0205	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0206	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/25/91-09/25/91	0	1	
ROMO0207	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/25/91-09/25/91	0	1	
ROMO0208	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/25/91-09/25/91	0	1	
ROMO0209	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/25/91-09/25/91	0	1	
ROMO0210	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/25/91-09/25/91	0	1	
ROMO0211	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/25/91-09/25/91	0	1	
ROMO0212	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/25/91-09/25/91	0	1	
ROMO0215	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/28/74-09/11/74	0	2	
ROMO0217	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	1	
ROMO0218	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/14/82-10/07/97	15	67	
ROMO0219	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/13/91-10/07/97	6	22	
ROMO0221	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/20/82-08/24/88	6	25	
ROMO0222	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/14/82-04/17/97	14	79	
ROMO0223	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/14/82-04/17/97	14	86	
ROMO0224	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	1	
ROMO0225	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/25/91-09/25/91	0	1	
ROMO0226	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/21/86-12/03/88	2	2	
ROMO0227	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/13/91-09/29/92	1	3	
ROMO0230	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/12/84-12/03/88	4	3	
ROMO0231	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/25/91-09/25/91	0	1	
ROMO0234	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/14/82-10/07/97	15	83	
ROMO0235	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	1	
ROMO0237	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/25/91-09/25/91	0	1	
ROMO0239	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	1	
ROMO0240	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/08/82-10/10/84	2	18	
ROMO0242	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/25/91-09/25/91	0	1	
ROMO0243	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/08/82-08/24/88	6	53	
ROMO0244	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/13/82-05/29/84	1	21	
ROMO0245	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/08/82-06/17/97	15	66	
ROMO0249	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/02/91-09/04/91	0	6	
ROMO0250	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/09/91-09/11/91	0	9	
ROMO0255	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/05/88-12/03/88	0	3	
ROMO0256	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/18/82-10/07/97	15	81	
ROMO0257	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	1	
ROMO0258	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/25/91-09/25/91	0	1	
ROMO0260	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/02/91-09/25/91	0	12	
ROMO0262	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/26/91-09/26/91	0	1	
ROMO0264	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/26/91-09/26/91	0	1	
ROMO0265	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/26/91-09/26/91	0	1	
ROMO0266	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/28/91-09/28/91	0	1	
ROMO0267	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	1	
ROMO0268	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/05/92-09/24/98	6	373	
ROMO0270	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/28/91-09/28/91	0	1	
ROMO0271	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/26/91-09/26/91	0	1	
ROMO0272	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/26/91-09/26/91	0	1	
ROMO0274	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/26/91-09/26/91	0	1	
ROMO0275	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/26/91-09/26/91	0	1	
ROMO0278	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/26/91-09/26/91	0	1	
ROMO0279	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	1	
ROMO0283	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/26/91-09/26/91	0	1	
ROMO0284	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/23/93-08/23/93	0	1	
ROMO0286	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/05/83-10/07/97	14	67	
ROMO0287	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/08/82-10/21/82	0	7	
ROMO0288	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	1	
ROMO0289	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/28/90-08/28/90	0	1	
ROMO0290	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	1	
ROMO0291	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/21/88-07/29/97	9	6	
ROMO0292	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	1	
ROMO0295	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	1	
ROMO0296	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	1	
ROMO0298	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	2	
ROMO0301	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/11/88-10/11/88	0	1	
ROMO0302	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/15/92-09/24/98	6	444	
ROMO0307	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	1	
ROMO0308	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/11/82-10/07/97	15	138	
ROMO0309	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/27/87-10/27/87	0	2	
ROMO0310	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	1	
ROMO0311	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	1	
ROMO0313	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/02/82-11/13/88	6	30	
ROMO0314	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/02/82-03/18/97	14	92	
ROMO0315	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/11/82-12/23/97	15	112	
ROMO0316	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/14/82-10/21/82	0	6	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0317	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/23/88-08/23/88	0	1	
ROMO0318	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/16/90-10/16/90	0	1	
ROMO0320	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/02/88-06/09/92	3	13	
ROMO0323	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/27/87-10/27/87	0	2	
ROMO0325	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/11/82-12/30/97	15	646	A
ROMO0326	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	1	
ROMO0328	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	12/08/82-10/07/97	14	58	
ROMO0331	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	1	
ROMO0332	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	1	
ROMO0333	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	1	
ROMO0334	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/20/81-07/16/97	15	25	
ROMO0335	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/02/82-08/10/83	1	3	
ROMO0336	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/02/82-07/13/88	6	6	
ROMO0337	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/06/81-07/13/88	7	17	
ROMO0347	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/21/87-07/21/87	0	2	
ROMO0349	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	2	
ROMO0351	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/20/74-08/20/74	0	1	
ROMO0352	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	1	
ROMO0353	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/20/81-09/28/93	12	22	
ROMO0354	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	2	
ROMO0357	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	1	
ROMO0358	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/03/81-07/16/97	15	21	
ROMO0359	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	1	
ROMO0360	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/02/82-08/10/83	1	3	
ROMO0361	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/02/82-08/31/92	10	9	
ROMO0362	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/06/81-08/30/94	13	27	
ROMO0363	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/12/87-09/18/89	2	40	
ROMO0364	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	1	
ROMO0365	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/14/88-11/08/88	0	13	
ROMO0368	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/13/88-10/11/88	0	4	
ROMO0373	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/17/87-11/10/87	0	24	
ROMO0379	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/14/88-11/08/88	0	12	
ROMO0387	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/14/88-10/11/88	0	8	
ROMO0404	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/26/95-02/18/97	2	28	
ROMO0407	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/31/87-08/31/87	0	2	
ROMO0410	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/11/76-03/10/97	20	178	T,A
ROMO0430	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/21/87-08/08/89	2	7	
ROMO0441	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/15/74-08/29/74	0	2	
ROMO0447	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/04/95-10/04/95	0	11	
ROMO0451	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/04/95-06/12/95	0	3	
ROMO0459	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/05/74-08/05/74	0	1	
ROMO0470	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/18/75-03/10/97	21	170	T,A
ROMO0472	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/05/87-11/10/87	0	28	
ROMO0474	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/09/72-05/09/72	0	1	
ROMO0484	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/28/74-09/11/74	0	2	
ROMO0508	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/09/87-07/17/87	0	6	
ROMO0513	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/05/74-08/05/74	0	1	
ROMO0518	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/18/74-07/18/74	0	1	
ROMO0521	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	1	
ROMO0525	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/27/74-08/27/74	0	1	
ROMO0528	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/18/74-07/18/74	0	1	
ROMO0530	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/27/87-10/27/87	0	2	
ROMO0533	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	1	
ROMO0535	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	1	
ROMO0537	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/10/74-08/27/74	0	2	
ROMO0538	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	1	
ROMO0540	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	1	
ROMO0543	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	2	
ROMO0544	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	1	
ROMO0545	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	1	
ROMO0547	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	2	
ROMO0548	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	1	
ROMO0553	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	1	
ROMO0554	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	1	
ROMO0555	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	1	
ROMO0556	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	1	
ROMO0557	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	1	
ROMO0558	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	1	
ROMO0559	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	1	
ROMO0561	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	1	
ROMO0563	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	1	
ROMO0564	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0565	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	1	
ROMO0566	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	1	
ROMO0567	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	1	
ROMO0568	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	1	
ROMO0569	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	1	
ROMO0570	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	2	
ROMO0572	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	1	
ROMO0574	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	1	
ROMO0575	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	1	
ROMO0576	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	1	
ROMO0577	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	1	
ROMO0578	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	1	
ROMO0579	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	1	
ROMO0580	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	2	
ROMO0582	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	1	
ROMO0584	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	1	
ROMO0585	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	1	
ROMO0587	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	1	
ROMO0588	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	1	
ROMO0589	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	1	
ROMO0590	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	1	
ROMO0592	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	1	
ROMO0594	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	1	
ROMO0595	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	1	
ROMO0597	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	1	
ROMO0598	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	1	
ROMO0600	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	1	
ROMO0601	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	1	
ROMO0602	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	1	
ROMO0603	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	1	
ROMO0605	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	1	
ROMO0607	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	1	
ROMO0608	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	2	
ROMO0610	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	1	
ROMO0613	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	1	
ROMO0615	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	1	
ROMO0616	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	1	
ROMO0617	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	1	
ROMO0618	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	1	
ROMO0619	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	1	
ROMO0620	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	1	
ROMO0621	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	1	
ROMO0622	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	1	
ROMO0623	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	1	
ROMO0624	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	1	
ROMO0625	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	1	
ROMO0628	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	1	
ROMO0632	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	0	1	
ROMO0644	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/15/81-09/13/97	16	24	
ROMO0650	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/12/97-07/12/97	0	1	
ROMO0651	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/18/81-09/17/94	13	9	
ROMO0653	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/08/82-08/31/91	9	6	
ROMO0654	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/08/82-08/03/88	6	7	
ROMO0655	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/09/81-10/10/95	14	20	
ROMO0659	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/25/90-08/31/91	1	2	
ROMO0660	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/08/82-08/31/91	9	6	
ROMO0661	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/08/82-08/03/88	6	7	
ROMO0662	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/09/81-09/13/97	16	27	
ROMO0663	Yes	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/15/81-09/30/93	12	16	
ROMO0674	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/12/97-07/12/97	0	1	
ROMO0405	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	06/22/88-06/22/88	0	1	
ROMO0408	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	06/22/88-06/22/88	0	1	
ROMO0514	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	06/01/88-06/16/88	0	3	
ROMO0519	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	05/25/88-06/16/88	0	4	
ROMO0524	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	05/05/88-06/16/88	0	7	
ROMO0652	Yes	00916	CALCIUM, TOTAL (MG/L AS CA)	06/22/88-06/22/88	0	1	
ROMO0673	No	00916	CALCIUM, TOTAL (MG/L AS CA)	03/19/65-03/19/65	0	1	
ROMO0675	No	00916	CALCIUM, TOTAL (MG/L AS CA)	05/15/88-06/27/88	0	7	
ROMO0684	No	00916	CALCIUM, TOTAL (MG/L AS CA)	03/19/65-03/19/65	0	1	
ROMO0001	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/15/85-09/15/85	0	1	
ROMO0003	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/28/87-10/06/87	0	6	
ROMO0004	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/01/87-10/01/87	0	2	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0005	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/06/85-10/06/85	0	1	
ROMO0015	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/15/85-09/15/85	0	1	
ROMO0017	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/09/69-09/20/73	4	18	
ROMO0018	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/12/85-09/12/85	0	1	
ROMO0025	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/02/85-10/02/85	0	1	
ROMO0034	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/22/73-10/01/96	23	106	T,S
ROMO0035	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/04/85-10/04/85	0	1	
ROMO0046	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/04/85-10/04/85	0	1	
ROMO0047	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/06/75-11/06/75	0	1	
ROMO0059	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/21/41-10/02/51	10	5	
ROMO0060	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/14/89-03/05/97	8	42	
ROMO0063	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/22/73-10/02/96	23	106	T,S
ROMO0068	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/14/75-08/14/75	0	1	
ROMO0069	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	1	
ROMO0070	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/10/85-10/10/85	0	1	
ROMO0071	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/02/85-10/02/85	0	1	
ROMO0074	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	1	
ROMO0076	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/18/87-08/18/87	0	4	
ROMO0081	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/03/75-10/03/75	0	1	
ROMO0082	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/21/87-10/01/87	0	14	
ROMO0088	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/04/85-10/04/85	0	1	
ROMO0091	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	1	
ROMO0093	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	1	
ROMO0095	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/02/85-10/02/85	0	1	
ROMO0096	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	1	
ROMO0099	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	1	
ROMO0102	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	1	
ROMO0103	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	1	
ROMO0104	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	2	
ROMO0106	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	1	
ROMO0107	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/02/85-10/02/85	0	1	
ROMO0109	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	1	
ROMO0110	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/27/73-11/27/73	0	1	
ROMO0112	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	1	
ROMO0113	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	1	
ROMO0119	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	1	
ROMO0120	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	1	
ROMO0122	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	1	
ROMO0130	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/08/74-07/08/74	0	1	
ROMO0135	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/10/85-10/10/85	0	1	
ROMO0137	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/09/87-10/21/87	0	18	
ROMO0138	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/22/73-08/22/73	0	2	
ROMO0159	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/02/85-10/02/85	0	1	
ROMO0163	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/02/85-10/02/85	0	1	
ROMO0164	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	1	
ROMO0168	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/02/74-08/27/74	0	2	
ROMO0170	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	1	
ROMO0171	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/23/87-09/18/89	1	32	
ROMO0173	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/24/87-07/24/87	0	4	
ROMO0180	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/02/74-08/27/74	0	2	
ROMO0182	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	1	
ROMO0183	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	1	
ROMO0185	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/10/85-10/10/85	0	1	
ROMO0186	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	1	
ROMO0193	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/01/74-09/11/74	0	2	
ROMO0195	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	1	
ROMO0196	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	1	
ROMO0198	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	1	
ROMO0200	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	1	
ROMO0203	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	1	
ROMO0205	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	1	
ROMO0206	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/25/91-09/25/91	0	1	
ROMO0207	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/25/91-09/25/91	0	1	
ROMO0208	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/25/91-09/25/91	0	1	
ROMO0209	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/25/91-09/25/91	0	1	
ROMO0210	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/25/91-09/25/91	0	1	
ROMO0211	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/25/91-09/25/91	0	1	
ROMO0212	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/25/91-09/25/91	0	1	
ROMO0215	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/28/74-09/11/74	0	2	
ROMO0217	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	1	
ROMO0218	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/14/82-10/07/97	15	67	
ROMO0219	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/13/91-10/07/97	6	22	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0221	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/20/82-08/24/88	6	25	
ROMO0222	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/14/82-04/17/97	14	80	
ROMO0223	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/14/82-04/17/97	14	86	
ROMO0224	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	1	
ROMO0225	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/25/91-09/25/91	0	1	
ROMO0227	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/29/92-09/29/92	0	1	
ROMO0230	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/12/84-08/14/84	0	2	
ROMO0231	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/25/91-09/25/91	0	1	
ROMO0234	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/14/82-10/07/97	15	83	
ROMO0235	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	1	
ROMO0237	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/25/91-09/25/91	0	1	
ROMO0239	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	1	
ROMO0240	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/08/82-10/10/84	2	18	
ROMO0242	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/25/91-09/25/91	0	1	
ROMO0243	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/08/82-08/24/88	6	53	
ROMO0244	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/13/82-05/29/84	1	21	
ROMO0245	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/08/82-06/17/97	15	66	
ROMO0249	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/02/91-09/04/91	0	6	
ROMO0250	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/09/91-09/11/91	0	9	
ROMO0256	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/18/82-10/07/97	15	81	
ROMO0257	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	1	
ROMO0258	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/25/91-09/25/91	0	1	
ROMO0260	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/02/91-09/25/91	0	12	
ROMO0262	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/26/91-09/26/91	0	1	
ROMO0264	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/26/91-09/26/91	0	1	
ROMO0265	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/26/91-09/26/91	0	1	
ROMO0266	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/28/91-09/28/91	0	1	
ROMO0267	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	1	
ROMO0268	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/05/92-09/24/98	6	373	
ROMO0270	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/28/91-09/28/91	0	1	
ROMO0271	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/26/91-09/26/91	0	1	
ROMO0272	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/26/91-09/26/91	0	1	
ROMO0274	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/26/91-09/26/91	0	1	
ROMO0275	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/26/91-09/26/91	0	1	
ROMO0278	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/26/91-09/26/91	0	1	
ROMO0279	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	1	
ROMO0283	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/26/91-09/26/91	0	1	
ROMO0284	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/23/93-08/23/93	0	1	
ROMO0286	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/05/83-10/07/97	14	67	
ROMO0287	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/08/82-10/21/82	0	7	
ROMO0288	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	1	
ROMO0290	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	1	
ROMO0291	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/21/88-07/29/97	9	6	
ROMO0292	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	1	
ROMO0294	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/10/85-10/10/85	0	1	
ROMO0295	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	1	
ROMO0296	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	1	
ROMO0298	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	2	
ROMO0301	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/21/88-10/11/88	0	2	
ROMO0302	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/15/92-09/24/98	6	444	
ROMO0307	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	1	
ROMO0308	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/11/82-10/07/97	15	138	
ROMO0309	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/27/87-10/27/87	0	2	
ROMO0310	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	1	
ROMO0311	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	1	
ROMO0313	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/02/82-11/13/88	6	30	
ROMO0314	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/02/82-03/18/97	14	92	
ROMO0315	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/11/82-12/23/97	15	112	
ROMO0316	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/14/82-10/21/82	0	6	
ROMO0317	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/20/84-06/20/84	0	1	
ROMO0318	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/16/90-10/16/90	0	1	
ROMO0320	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/12/91-05/12/92	1	9	
ROMO0322	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/10/85-10/10/85	0	1	
ROMO0323	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/27/87-10/27/87	0	2	
ROMO0325	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/11/82-12/30/97	15	646	A
ROMO0326	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	1	
ROMO0327	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/20/84-06/20/84	0	1	
ROMO0328	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	12/08/82-10/07/97	14	58	
ROMO0331	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	1	
ROMO0332	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	1	
ROMO0333	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	1	
ROMO0334	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/20/81-07/16/97	15	25	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0335	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/02/82-08/10/83	1	3	
ROMO0336	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/02/82-07/13/88	6	6	
ROMO0337	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/06/81-07/13/88	7	17	
ROMO0338	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/10/85-10/10/85	0	1	
ROMO0344	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/04/85-10/04/85	0	1	
ROMO0347	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/21/87-07/21/87	0	2	
ROMO0349	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	2	
ROMO0351	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/20/74-08/20/74	0	1	
ROMO0352	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	1	
ROMO0353	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/20/81-09/28/93	12	22	
ROMO0354	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	2	
ROMO0357	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	1	
ROMO0358	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/03/81-07/16/97	15	21	
ROMO0359	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	1	
ROMO0360	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/02/82-08/10/83	1	3	
ROMO0361	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/02/82-08/31/92	10	9	
ROMO0362	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/06/81-08/30/94	13	27	
ROMO0363	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/12/87-09/18/89	2	40	
ROMO0364	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	1	
ROMO0365	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/14/88-11/08/88	0	13	
ROMO0368	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/13/88-10/11/88	0	4	
ROMO0373	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/17/87-11/10/87	0	24	
ROMO0374	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/04/85-10/04/85	0	1	
ROMO0379	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/14/88-11/08/88	0	12	
ROMO0387	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/14/88-10/11/88	0	8	
ROMO0404	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/26/95-02/18/97	2	28	
ROMO0407	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/31/87-08/31/87	0	2	
ROMO0410	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/11/76-03/10/97	20	178	T,A
ROMO0430	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/21/87-08/08/89	2	7	
ROMO0435	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/04/85-10/04/85	0	1	
ROMO0441	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/15/74-08/29/74	0	2	
ROMO0447	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/04/95-10/04/95	0	11	
ROMO0451	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/04/95-06/12/95	0	3	
ROMO0459	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/05/74-08/05/74	0	1	
ROMO0466	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/04/85-10/04/85	0	1	
ROMO0470	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/18/75-03/10/97	21	170	T,A
ROMO0472	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/05/87-11/10/87	0	28	
ROMO0474	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/09/72-05/09/72	0	1	
ROMO0484	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/28/74-09/11/74	0	2	
ROMO0486	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/12/85-09/12/85	0	1	
ROMO0490	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/06/85-10/06/85	0	1	
ROMO0508	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/09/87-07/17/87	0	6	
ROMO0513	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/05/74-08/05/74	0	1	
ROMO0518	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/18/74-07/18/74	0	1	
ROMO0521	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	1	
ROMO0525	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/27/74-08/27/74	0	1	
ROMO0528	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/18/74-07/18/74	0	1	
ROMO0530	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/27/87-10/27/87	0	2	
ROMO0533	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	1	
ROMO0535	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	1	
ROMO0537	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/10/74-08/27/74	0	2	
ROMO0538	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	1	
ROMO0540	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	1	
ROMO0543	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	2	
ROMO0544	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	1	
ROMO0545	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	1	
ROMO0547	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	2	
ROMO0548	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	1	
ROMO0553	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	1	
ROMO0554	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	1	
ROMO0555	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	1	
ROMO0556	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	1	
ROMO0557	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	1	
ROMO0558	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	1	
ROMO0559	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	1	
ROMO0561	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	1	
ROMO0563	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	1	
ROMO0564	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	1	
ROMO0565	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	1	
ROMO0566	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	1	
ROMO0567	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	1	
ROMO0568	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	1	

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

Station/Parameter Period of Record Tabulation
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Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0569	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	1	
ROMO0570	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	2	
ROMO0572	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	1	
ROMO0573	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/04/85-10/04/85	0	1	
ROMO0574	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	1	
ROMO0575	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	1	
ROMO0576	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	1	
ROMO0577	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	1	
ROMO0578	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	1	
ROMO0579	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	1	
ROMO0580	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	2	
ROMO0582	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	1	
ROMO0584	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	1	
ROMO0585	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	1	
ROMO0587	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	1	
ROMO0588	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	1	
ROMO0589	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	1	
ROMO0590	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	1	
ROMO0591	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/06/85-10/06/85	0	1	
ROMO0592	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	1	
ROMO0594	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	1	
ROMO0595	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	1	
ROMO0597	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	1	
ROMO0598	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	1	
ROMO0600	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	1	
ROMO0601	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	1	
ROMO0602	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	1	
ROMO0603	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	1	
ROMO0607	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	1	
ROMO0608	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	2	
ROMO0610	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	1	
ROMO0613	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	1	
ROMO0616	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	1	
ROMO0617	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	1	
ROMO0618	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	1	
ROMO0619	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	1	
ROMO0620	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	1	
ROMO0621	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	1	
ROMO0622	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	1	
ROMO0623	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	1	
ROMO0624	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	1	
ROMO0625	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	1	
ROMO0628	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	1	
ROMO0632	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	0	1	
ROMO0644	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/15/81-09/13/97	16	24	
ROMO0651	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/18/81-09/17/94	13	9	
ROMO0653	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/08/82-08/31/91	9	6	
ROMO0654	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/08/82-08/03/88	6	7	
ROMO0655	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/09/81-10/10/95	14	20	
ROMO0659	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/25/90-08/31/91	1	2	
ROMO0660	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/08/82-08/31/91	9	6	
ROMO0661	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/08/82-08/03/88	6	7	
ROMO0662	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/09/81-09/13/97	16	27	
ROMO0663	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/15/81-09/30/93	12	16	
ROMO0668	Yes	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/04/85-10/04/85	0	1	
ROMO0671	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/11/85-09/11/85	0	1	
ROMO0405	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	06/22/88-06/22/88	0	1	
ROMO0408	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	06/22/88-06/22/88	0	1	
ROMO0483	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	12/17/71-12/10/80	8	34	
ROMO0514	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	06/01/88-06/16/88	0	3	
ROMO0519	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	05/05/88-06/16/88	0	7	
ROMO0524	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	05/05/88-06/16/88	0	7	
ROMO0652	Yes	00927	MAGNESIUM, TOTAL (MG/L AS MG)	06/22/88-06/22/88	0	1	
ROMO0673	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	03/19/65-03/19/65	0	1	
ROMO0675	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	05/15/88-06/27/88	0	7	
ROMO0684	No	00927	MAGNESIUM, TOTAL (MG/L AS MG)	03/19/65-03/19/65	0	1	
ROMO0405	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	06/22/88-06/22/88	0	1	
ROMO0408	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	06/22/88-06/22/88	0	1	
ROMO0483	No	00929	SODIUM, TOTAL (MG/L AS NA)	12/17/71-06/04/80	8	34	
ROMO0519	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	05/05/88-06/16/88	0	2	
ROMO0524	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	05/05/88-06/16/88	0	7	
ROMO0652	Yes	00929	SODIUM, TOTAL (MG/L AS NA)	06/22/88-06/22/88	0	1	

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Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0673	No	00929	SODIUM, TOTAL (MG/L AS NA)	03/19/65-03/19/65	0	1	
ROMO0675	No	00929	SODIUM, TOTAL (MG/L AS NA)	05/15/88-06/20/88	0	6	
ROMO0684	No	00929	SODIUM, TOTAL (MG/L AS NA)	03/19/65-03/19/65	0	1	
ROMO0001	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/15/85-09/15/85	0	1	
ROMO0003	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/28/87-10/06/87	0	6	
ROMO0004	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/01/87-10/01/87	0	2	
ROMO0005	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/06/85-10/06/85	0	1	
ROMO0015	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/15/85-09/15/85	0	1	
ROMO0017	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/09/69-09/20/73	4	18	
ROMO0018	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/12/85-09/12/85	0	1	
ROMO0025	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/02/85-10/02/85	0	1	
ROMO0034	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/22/73-10/01/96	23	106	T,S
ROMO0035	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/04/85-10/04/85	0	1	
ROMO0046	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/04/85-10/04/85	0	1	
ROMO0047	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	11/06/75-11/06/75	0	1	
ROMO0059	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/21/41-10/02/51	10	4	
ROMO0060	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	02/14/89-03/05/97	8	42	
ROMO0063	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/22/73-10/02/96	23	106	T,S
ROMO0068	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/14/75-08/14/75	0	1	
ROMO0069	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	1	
ROMO0070	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/10/85-10/10/85	0	1	
ROMO0071	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/02/85-10/02/85	0	1	
ROMO0074	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	1	
ROMO0076	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/18/87-08/18/87	0	4	
ROMO0081	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/03/75-10/03/75	0	1	
ROMO0082	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/21/87-10/01/87	0	14	
ROMO0088	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/04/85-10/04/85	0	1	
ROMO0091	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	1	
ROMO0093	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	1	
ROMO0095	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/02/85-10/02/85	0	1	
ROMO0096	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	1	
ROMO0099	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	1	
ROMO0102	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	1	
ROMO0103	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	1	
ROMO0104	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	2	
ROMO0106	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	1	
ROMO0107	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/02/85-10/02/85	0	1	
ROMO0109	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	1	
ROMO0110	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	11/27/73-11/27/73	0	1	
ROMO0112	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	1	
ROMO0113	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	1	
ROMO0119	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	1	
ROMO0120	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	1	
ROMO0122	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	1	
ROMO0130	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/08/74-07/08/74	0	1	
ROMO0135	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/10/85-10/10/85	0	1	
ROMO0137	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/09/87-10/21/87	0	18	
ROMO0138	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/22/73-08/22/73	0	2	
ROMO0159	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/02/85-10/02/85	0	1	
ROMO0163	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/02/85-10/02/85	0	1	
ROMO0164	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	1	
ROMO0168	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/02/74-08/27/74	0	2	
ROMO0170	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	1	
ROMO0171	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/23/87-09/18/89	1	32	
ROMO0173	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/24/87-07/24/87	0	4	
ROMO0180	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/02/74-08/27/74	0	2	
ROMO0182	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	1	
ROMO0183	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	1	
ROMO0185	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/10/85-10/10/85	0	1	
ROMO0186	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	1	
ROMO0193	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/01/74-09/11/74	0	2	
ROMO0195	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	1	
ROMO0196	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	1	
ROMO0198	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	1	
ROMO0200	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	1	
ROMO0203	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	1	
ROMO0205	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	1	
ROMO0206	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/25/91-09/25/91	0	1	
ROMO0207	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/25/91-09/25/91	0	1	
ROMO0208	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/25/91-09/25/91	0	1	
ROMO0209	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/25/91-09/25/91	0	1	
ROMO0210	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/25/91-09/25/91	0	1	

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Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0211	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/25/91-09/25/91	0	1	
ROMO0212	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/25/91-09/25/91	0	1	
ROMO0215	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/28/74-09/11/74	0	2	
ROMO0217	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	1	
ROMO0218	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/14/82-10/07/97	15	67	
ROMO0219	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/13/91-10/07/97	6	22	
ROMO0221	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/20/82-08/24/88	6	25	
ROMO0222	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/14/82-04/17/97	14	80	
ROMO0223	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/14/82-04/17/97	14	86	
ROMO0224	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	1	
ROMO0225	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/25/91-09/25/91	0	1	
ROMO0226	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	12/03/88-12/03/88	0	1	
ROMO0227	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/26/88-09/29/92	4	4	
ROMO0230	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/12/84-12/03/88	4	3	
ROMO0231	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/25/91-09/25/91	0	1	
ROMO0234	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/14/82-10/07/97	15	83	
ROMO0235	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	1	
ROMO0237	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/25/91-09/25/91	0	1	
ROMO0239	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	1	
ROMO0240	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/08/82-10/10/84	2	18	
ROMO0242	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/25/91-09/25/91	0	1	
ROMO0243	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/08/82-08/24/88	6	53	
ROMO0244	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/13/82-05/29/84	1	21	
ROMO0245	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/08/82-06/17/97	15	66	
ROMO0249	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/02/91-09/04/91	0	6	
ROMO0250	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/09/91-09/11/91	0	9	
ROMO0255	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	01/05/88-12/03/88	0	3	
ROMO0256	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/18/82-10/07/97	15	81	
ROMO0257	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	1	
ROMO0258	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/25/91-09/25/91	0	1	
ROMO0260	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/02/91-09/25/91	0	12	
ROMO0262	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/26/91-09/26/91	0	1	
ROMO0264	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/26/91-09/26/91	0	1	
ROMO0265	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/26/91-09/26/91	0	1	
ROMO0266	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/28/91-09/28/91	0	1	
ROMO0267	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	1	
ROMO0268	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/05/92-09/24/98	6	373	
ROMO0270	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/28/91-09/28/91	0	1	
ROMO0271	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/26/91-09/26/91	0	1	
ROMO0272	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/26/91-09/26/91	0	1	
ROMO0274	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/26/91-09/26/91	0	1	
ROMO0275	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/26/91-09/26/91	0	1	
ROMO0278	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/26/91-09/26/91	0	1	
ROMO0279	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	1	
ROMO0283	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/26/91-09/26/91	0	1	
ROMO0284	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/23/93-08/23/93	0	1	
ROMO0286	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/05/83-10/07/97	14	67	
ROMO0287	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/08/82-10/21/82	0	7	
ROMO0288	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	1	
ROMO0290	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	1	
ROMO0291	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/21/88-07/29/97	9	6	
ROMO0292	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	1	
ROMO0294	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/10/85-10/10/85	0	1	
ROMO0295	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	1	
ROMO0296	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	1	
ROMO0298	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	2	
ROMO0301	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/26/87-10/11/88	1	4	
ROMO0302	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	04/15/92-09/24/98	6	444	
ROMO0307	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	1	
ROMO0308	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/11/82-10/07/97	15	138	
ROMO0309	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/27/87-10/27/87	0	2	
ROMO0310	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	1	
ROMO0311	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	1	
ROMO0313	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/02/82-11/13/88	6	30	
ROMO0314	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/02/82-03/18/97	14	92	
ROMO0315	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/11/82-12/23/97	15	112	
ROMO0316	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/14/82-10/21/82	0	6	
ROMO0317	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/23/88-08/23/88	0	1	
ROMO0318	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/26/87-07/20/88	0	3	
ROMO0320	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/14/87-05/12/92	4	17	
ROMO0321	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/04/88-03/27/89	0	5	
ROMO0322	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/10/85-10/10/85	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0323	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/27/87-10/27/87	0	2	
ROMO0325	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/11/82-12/30/97	15	646	A
ROMO0326	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	1	
ROMO0328	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	12/08/82-10/07/97	14	58	
ROMO0331	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	1	
ROMO0332	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	1	
ROMO0333	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	1	
ROMO0334	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/20/81-07/16/97	15	25	
ROMO0335	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/02/82-08/10/83	1	3	
ROMO0336	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/02/82-07/13/88	6	6	
ROMO0337	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/06/81-07/13/88	7	17	
ROMO0338	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/10/85-10/10/85	0	1	
ROMO0344	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/04/85-10/04/85	0	1	
ROMO0347	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/21/87-07/21/87	0	2	
ROMO0349	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	2	
ROMO0351	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/20/74-08/20/74	0	1	
ROMO0352	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	1	
ROMO0353	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/20/81-09/28/93	12	22	
ROMO0354	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	2	
ROMO0357	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	1	
ROMO0358	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/03/81-07/16/97	15	21	
ROMO0359	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	1	
ROMO0360	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/02/82-08/10/83	1	3	
ROMO0361	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/02/82-08/31/92	10	9	
ROMO0362	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/06/81-08/30/94	13	27	
ROMO0363	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/12/87-09/18/89	2	40	
ROMO0364	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	1	
ROMO0365	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/14/88-11/08/88	0	13	
ROMO0368	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/13/88-10/11/88	0	4	
ROMO0373	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/17/87-11/10/87	0	24	
ROMO0374	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/04/85-10/04/85	0	1	
ROMO0379	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/14/88-11/08/88	0	12	
ROMO0387	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/14/88-10/11/88	0	8	
ROMO0404	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	01/26/95-02/18/97	2	28	
ROMO0407	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/31/87-08/31/87	0	2	
ROMO0410	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/11/76-03/10/97	20	178	T,A
ROMO0430	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/21/87-08/08/89	2	7	
ROMO0435	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/04/85-10/04/85	0	1	
ROMO0441	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/15/74-08/29/74	0	2	
ROMO0447	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	01/04/95-10/04/95	0	11	
ROMO0451	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	01/04/95-06/12/95	0	3	
ROMO0459	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/05/74-08/05/74	0	1	
ROMO0466	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/04/85-10/04/85	0	1	
ROMO0470	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/18/75-03/10/97	21	170	T,A
ROMO0472	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/05/87-11/10/87	0	28	
ROMO0474	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	05/09/72-05/09/72	0	1	
ROMO0484	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	06/28/74-09/11/74	0	2	
ROMO0486	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/12/85-09/12/85	0	1	
ROMO0490	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/06/85-10/06/85	0	1	
ROMO0508	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/09/87-07/17/87	0	6	
ROMO0513	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/05/74-08/05/74	0	1	
ROMO0518	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/18/74-07/18/74	0	1	
ROMO0521	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	1	
ROMO0525	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/27/74-08/27/74	0	1	
ROMO0528	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/18/74-07/18/74	0	1	
ROMO0530	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/27/87-10/27/87	0	2	
ROMO0533	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	1	
ROMO0535	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	1	
ROMO0537	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/10/74-08/27/74	0	2	
ROMO0538	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	1	
ROMO0540	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	1	
ROMO0543	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	2	
ROMO0544	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	1	
ROMO0545	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	1	
ROMO0547	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	2	
ROMO0548	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	1	
ROMO0553	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	1	
ROMO0554	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	1	
ROMO0555	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	1	
ROMO0556	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	1	
ROMO0557	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	1	
ROMO0558	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0559	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	1	
ROMO0561	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	1	
ROMO0563	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	1	
ROMO0564	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	1	
ROMO0565	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	1	
ROMO0566	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	1	
ROMO0567	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	1	
ROMO0568	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	1	
ROMO0569	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	1	
ROMO0570	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	2	
ROMO0572	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	1	
ROMO0573	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/04/85-10/04/85	0	1	
ROMO0574	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	1	
ROMO0575	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	1	
ROMO0576	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	1	
ROMO0577	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	1	
ROMO0578	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	1	
ROMO0579	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	1	
ROMO0580	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	2	
ROMO0582	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	1	
ROMO0584	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	1	
ROMO0585	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	1	
ROMO0587	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	1	
ROMO0588	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	1	
ROMO0589	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	1	
ROMO0590	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	1	
ROMO0591	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/06/85-10/06/85	0	1	
ROMO0592	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	1	
ROMO0594	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	1	
ROMO0595	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	1	
ROMO0597	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	1	
ROMO0598	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	1	
ROMO0600	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	1	
ROMO0601	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	1	
ROMO0602	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	1	
ROMO0603	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	1	
ROMO0605	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	1	
ROMO0607	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	1	
ROMO0608	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	1	
ROMO0610	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	1	
ROMO0613	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	1	
ROMO0615	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	1	
ROMO0617	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	1	
ROMO0618	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	1	
ROMO0619	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	1	
ROMO0620	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	1	
ROMO0621	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	1	
ROMO0622	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	1	
ROMO0623	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	1	
ROMO0624	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	1	
ROMO0625	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	1	
ROMO0628	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	1	
ROMO0632	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	0	1	
ROMO0644	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/15/81-09/13/97	16	24	
ROMO0651	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/18/81-09/17/94	13	9	
ROMO0653	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/08/82-08/31/91	9	6	
ROMO0654	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/08/82-08/03/88	6	7	
ROMO0655	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/09/81-10/10/95	14	20	
ROMO0659	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	08/25/90-08/31/91	1	2	
ROMO0660	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/08/82-08/31/91	9	6	
ROMO0661	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/08/82-08/03/88	6	7	
ROMO0662	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/09/81-09/13/97	16	27	
ROMO0663	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	07/15/81-09/30/93	12	16	
ROMO0668	Yes	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/04/85-10/04/85	0	1	
ROMO0671	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	09/11/85-09/11/85	0	1	
ROMO0017	No	00931	SODIUM ADSORPTION RATIO	07/09/69-09/20/73	4	18	
ROMO0034	No	00931	SODIUM ADSORPTION RATIO	08/22/73-08/22/73	0	2	
ROMO0047	No	00931	SODIUM ADSORPTION RATIO	11/06/75-11/06/75	0	1	
ROMO0059	No	00931	SODIUM ADSORPTION RATIO	04/21/41-04/26/57	16	6	
ROMO0063	No	00931	SODIUM ADSORPTION RATIO	08/22/73-08/22/73	0	2	
ROMO0068	Yes	00931	SODIUM ADSORPTION RATIO	08/14/75-08/14/75	0	1	
ROMO0081	No	00931	SODIUM ADSORPTION RATIO	10/03/75-10/03/75	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0110	No	00931	SODIUM ADSORPTION RATIO	11/27/73-11/27/73	0	1	
ROMO0130	Yes	00931	SODIUM ADSORPTION RATIO	07/08/74-07/08/74	0	1	
ROMO0138	No	00931	SODIUM ADSORPTION RATIO	08/22/73-08/22/73	0	2	
ROMO0168	Yes	00931	SODIUM ADSORPTION RATIO	07/02/74-08/27/74	0	2	
ROMO0180	Yes	00931	SODIUM ADSORPTION RATIO	07/02/74-08/27/74	0	2	
ROMO0193	Yes	00931	SODIUM ADSORPTION RATIO	07/01/74-09/11/74	0	2	
ROMO0215	No	00931	SODIUM ADSORPTION RATIO	06/28/74-09/11/74	0	2	
ROMO0226	Yes	00931	SODIUM ADSORPTION RATIO	04/16/83-04/16/83	0	1	
ROMO0228	Yes	00931	SODIUM ADSORPTION RATIO	04/16/83-04/16/83	0	1	
ROMO0230	Yes	00931	SODIUM ADSORPTION RATIO	02/15/83-04/16/83	0	2	
ROMO0251	Yes	00931	SODIUM ADSORPTION RATIO	04/16/83-04/16/83	0	1	
ROMO0253	Yes	00931	SODIUM ADSORPTION RATIO	04/16/83-04/16/83	0	1	
ROMO0255	Yes	00931	SODIUM ADSORPTION RATIO	02/15/83-04/16/83	0	2	
ROMO0317	Yes	00931	SODIUM ADSORPTION RATIO	04/04/83-04/04/83	0	1	
ROMO0318	Yes	00931	SODIUM ADSORPTION RATIO	04/04/83-04/11/83	0	2	
ROMO0319	Yes	00931	SODIUM ADSORPTION RATIO	04/04/83-04/04/83	0	1	
ROMO0320	Yes	00931	SODIUM ADSORPTION RATIO	02/08/83-05/20/86	3	2	
ROMO0321	Yes	00931	SODIUM ADSORPTION RATIO	02/08/83-04/04/83	0	2	
ROMO0351	Yes	00931	SODIUM ADSORPTION RATIO	08/20/74-08/20/74	0	1	
ROMO0410	No	00931	SODIUM ADSORPTION RATIO	08/11/76-03/23/83	6	72	
ROMO0441	Yes	00931	SODIUM ADSORPTION RATIO	07/15/74-08/29/74	0	2	
ROMO0459	Yes	00931	SODIUM ADSORPTION RATIO	08/05/74-08/05/74	0	1	
ROMO0470	No	00931	SODIUM ADSORPTION RATIO	09/18/75-03/23/83	7	89	
ROMO0474	No	00931	SODIUM ADSORPTION RATIO	05/09/72-05/09/72	0	1	
ROMO0483	No	00931	SODIUM ADSORPTION RATIO	12/17/71-06/04/80	8	34	
ROMO0484	Yes	00931	SODIUM ADSORPTION RATIO	06/28/74-09/11/74	0	2	
ROMO0513	Yes	00931	SODIUM ADSORPTION RATIO	08/05/74-08/05/74	0	1	
ROMO0518	Yes	00931	SODIUM ADSORPTION RATIO	07/18/74-07/18/74	0	1	
ROMO0525	Yes	00931	SODIUM ADSORPTION RATIO	08/27/74-08/27/74	0	1	
ROMO0528	Yes	00931	SODIUM ADSORPTION RATIO	07/18/74-07/18/74	0	1	
ROMO0537	Yes	00931	SODIUM ADSORPTION RATIO	07/10/74-08/27/74	0	2	
ROMO0017	No	00932	SODIUM, PERCENT	07/09/69-09/20/73	4	18	
ROMO0034	No	00932	SODIUM, PERCENT	08/22/73-08/22/73	0	2	
ROMO0047	No	00932	SODIUM, PERCENT	11/06/75-11/06/75	0	1	
ROMO0059	No	00932	SODIUM, PERCENT	04/21/41-10/02/51	10	4	
ROMO0063	No	00932	SODIUM, PERCENT	08/22/73-08/22/73	0	2	
ROMO0068	Yes	00932	SODIUM, PERCENT	08/14/75-08/14/75	0	1	
ROMO0081	No	00932	SODIUM, PERCENT	10/03/75-10/03/75	0	1	
ROMO0110	No	00932	SODIUM, PERCENT	11/27/73-11/27/73	0	1	
ROMO0130	Yes	00932	SODIUM, PERCENT	07/08/74-07/08/74	0	1	
ROMO0138	No	00932	SODIUM, PERCENT	08/22/73-08/22/73	0	2	
ROMO0168	Yes	00932	SODIUM, PERCENT	07/02/74-08/27/74	0	2	
ROMO0180	Yes	00932	SODIUM, PERCENT	07/02/74-08/27/74	0	2	
ROMO0193	Yes	00932	SODIUM, PERCENT	07/01/74-09/11/74	0	2	
ROMO0215	No	00932	SODIUM, PERCENT	06/28/74-09/11/74	0	2	
ROMO0320	Yes	00932	SODIUM, PERCENT	05/20/86-05/20/86	0	1	
ROMO0351	Yes	00932	SODIUM, PERCENT	08/20/74-08/20/74	0	1	
ROMO0410	No	00932	SODIUM, PERCENT	08/11/76-03/23/83	6	72	
ROMO0441	Yes	00932	SODIUM, PERCENT	07/15/74-08/29/74	0	2	
ROMO0459	Yes	00932	SODIUM, PERCENT	08/05/74-08/05/74	0	1	
ROMO0470	No	00932	SODIUM, PERCENT	09/18/75-03/23/83	7	89	
ROMO0474	No	00932	SODIUM, PERCENT	05/09/72-05/09/72	0	1	
ROMO0484	Yes	00932	SODIUM, PERCENT	06/28/74-09/11/74	0	2	
ROMO0513	Yes	00932	SODIUM, PERCENT	08/05/74-08/05/74	0	1	
ROMO0518	Yes	00932	SODIUM, PERCENT	07/18/74-07/18/74	0	1	
ROMO0525	Yes	00932	SODIUM, PERCENT	08/27/74-08/27/74	0	1	
ROMO0528	Yes	00932	SODIUM, PERCENT	07/18/74-07/18/74	0	1	
ROMO0537	Yes	00932	SODIUM, PERCENT	07/10/74-08/27/74	0	2	
ROMO0059	No	00933	SODIUM,PLUS POTASSIUM (MG/L)	09/07/51-04/26/57	5	2	
ROMO0410	No	00933	SODIUM,PLUS POTASSIUM (MG/L)	07/12/79-03/10/80	0	9	
ROMO0470	No	00933	SODIUM,PLUS POTASSIUM (MG/L)	07/12/79-03/10/80	0	9	
ROMO0001	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/15/85-09/15/85	0	1	
ROMO0003	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/28/87-10/06/87	0	6	
ROMO0004	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/01/87-10/01/87	0	2	
ROMO0005	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/06/85-10/06/85	0	1	
ROMO0015	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/15/85-09/15/85	0	1	
ROMO0017	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/09/69-09/20/73	4	18	
ROMO0018	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/12/85-09/12/85	0	1	
ROMO0025	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/02/85-10/02/85	0	1	
ROMO0034	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/22/73-10/01/96	23	106	T,S
ROMO0035	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/04/85-10/04/85	0	1	
ROMO0046	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/04/85-10/04/85	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0047	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/06/75-11/06/75	0	1	
ROMO0059	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/21/41-10/02/51	10	4	
ROMO0060	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	02/14/89-03/05/97	8	42	
ROMO0063	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/22/73-10/02/96	23	106	T,S
ROMO0068	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/14/75-08/14/75	0	1	
ROMO0069	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	1	
ROMO0070	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/10/85-10/10/85	0	1	
ROMO0071	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/02/85-10/02/85	0	1	
ROMO0074	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	1	
ROMO0076	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/18/87-08/18/87	0	4	
ROMO0081	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/03/75-10/03/75	0	1	
ROMO0082	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/21/87-10/01/87	0	14	
ROMO0088	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/04/85-10/04/85	0	1	
ROMO0091	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	1	
ROMO0093	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	1	
ROMO0095	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/02/85-10/02/85	0	1	
ROMO0096	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	1	
ROMO0099	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	1	
ROMO0102	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	1	
ROMO0103	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	1	
ROMO0104	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	2	
ROMO0106	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	1	
ROMO0107	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/02/85-10/02/85	0	1	
ROMO0109	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	1	
ROMO0110	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/27/73-11/27/73	0	1	
ROMO0112	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	1	
ROMO0113	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	1	
ROMO0119	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	1	
ROMO0120	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	1	
ROMO0122	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	1	
ROMO0130	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/08/74-07/08/74	0	1	
ROMO0135	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/10/85-10/10/85	0	1	
ROMO0137	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/09/87-10/21/87	0	18	
ROMO0138	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/22/73-08/22/73	0	2	
ROMO0159	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/02/85-10/02/85	0	1	
ROMO0163	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/02/85-10/02/85	0	1	
ROMO0164	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	1	
ROMO0168	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/02/74-08/27/74	0	2	
ROMO0170	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	1	
ROMO0171	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/23/87-09/18/89	1	32	
ROMO0173	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/24/87-07/24/87	0	4	
ROMO0180	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/02/74-08/27/74	0	2	
ROMO0182	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	1	
ROMO0183	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	1	
ROMO0185	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/10/85-10/10/85	0	1	
ROMO0186	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	1	
ROMO0193	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/01/74-09/11/74	0	2	
ROMO0195	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	1	
ROMO0196	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	1	
ROMO0198	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	1	
ROMO0200	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	1	
ROMO0203	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	1	
ROMO0205	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	1	
ROMO0206	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/25/91-09/25/91	0	1	
ROMO0207	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/25/91-09/25/91	0	1	
ROMO0208	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/25/91-09/25/91	0	1	
ROMO0209	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/25/91-09/25/91	0	1	
ROMO0210	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/25/91-09/25/91	0	1	
ROMO0211	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/25/91-09/25/91	0	1	
ROMO0212	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/25/91-09/25/91	0	1	
ROMO0215	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/28/74-09/11/74	0	2	
ROMO0217	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	1	
ROMO0218	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/14/82-10/07/97	15	67	
ROMO0219	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/13/91-10/07/97	6	22	
ROMO0221	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/20/82-08/24/88	6	25	
ROMO0222	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/14/82-04/17/97	14	80	
ROMO0223	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/14/82-04/17/97	14	86	
ROMO0224	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	1	
ROMO0225	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/25/91-09/25/91	0	1	
ROMO0226	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	12/03/88-12/03/88	0	1	
ROMO0227	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/13/91-09/29/92	1	3	
ROMO0230	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/12/84-08/14/84	0	2	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0231	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/25/91-09/25/91	0	1	
ROMO0234	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/14/82-10/07/97	15	83	
ROMO0235	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	1	
ROMO0237	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/25/91-09/25/91	0	1	
ROMO0239	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	1	
ROMO0240	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/08/82-10/10/84	2	18	
ROMO0242	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/25/91-09/25/91	0	1	
ROMO0243	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/08/82-08/24/88	6	53	
ROMO0244	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/13/82-05/29/84	1	21	
ROMO0245	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/08/82-06/17/97	15	66	
ROMO0249	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/02/91-09/04/91	0	6	
ROMO0250	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/09/91-09/11/91	0	9	
ROMO0255	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/05/88-12/03/88	0	3	
ROMO0256	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/18/82-10/07/97	15	81	
ROMO0257	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	1	
ROMO0258	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/25/91-09/25/91	0	1	
ROMO0260	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/02/91-09/25/91	0	12	
ROMO0262	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/26/91-09/26/91	0	1	
ROMO0264	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/26/91-09/26/91	0	1	
ROMO0265	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/26/91-09/26/91	0	1	
ROMO0266	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/28/91-09/28/91	0	1	
ROMO0267	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	1	
ROMO0268	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/05/92-10/20/97	5	349	
ROMO0270	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/28/91-09/28/91	0	1	
ROMO0271	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/26/91-09/26/91	0	1	
ROMO0272	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/26/91-09/26/91	0	1	
ROMO0274	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/26/91-09/26/91	0	1	
ROMO0275	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/26/91-09/26/91	0	1	
ROMO0278	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/26/91-09/26/91	0	1	
ROMO0279	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	1	
ROMO0283	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/26/91-09/26/91	0	1	
ROMO0284	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/23/93-08/23/93	0	1	
ROMO0286	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/05/83-10/07/97	14	67	
ROMO0287	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/08/82-10/21/82	0	7	
ROMO0288	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	1	
ROMO0289	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/28/90-08/28/90	0	1	
ROMO0290	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	1	
ROMO0291	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/21/88-07/29/97	9	6	
ROMO0292	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	1	
ROMO0294	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/10/85-10/10/85	0	1	
ROMO0295	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	1	
ROMO0296	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	1	
ROMO0298	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	2	
ROMO0301	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/26/87-10/11/88	1	3	
ROMO0302	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/15/92-10/20/97	5	412	
ROMO0307	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	1	
ROMO0308	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/11/82-10/07/97	15	138	
ROMO0309	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/27/87-10/27/87	0	2	
ROMO0310	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	1	
ROMO0311	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	1	
ROMO0313	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/02/82-11/13/88	6	31	
ROMO0314	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/02/82-03/18/97	14	93	
ROMO0315	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/11/82-12/23/97	15	112	
ROMO0316	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/14/82-10/21/82	0	6	
ROMO0318	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/24/87-10/16/90	3	2	
ROMO0320	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/18/87-07/07/92	4	20	
ROMO0321	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/30/88-12/11/90	2	4	
ROMO0322	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/10/85-10/10/85	0	1	
ROMO0323	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/27/87-10/27/87	0	2	
ROMO0325	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/11/82-12/30/97	15	646	A
ROMO0326	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	1	
ROMO0328	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	12/08/82-10/07/97	14	58	
ROMO0331	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	1	
ROMO0332	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	1	
ROMO0333	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	1	
ROMO0334	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/20/81-07/16/97	15	25	
ROMO0335	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/02/82-08/10/83	1	3	
ROMO0336	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/02/82-07/13/88	6	6	
ROMO0337	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/06/81-07/13/88	7	17	
ROMO0338	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/10/85-10/10/85	0	1	
ROMO0344	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/04/85-10/04/85	0	1	
ROMO0347	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/21/87-07/21/87	0	2	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0349	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	2	
ROMO0351	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/20/74-08/20/74	0	1	
ROMO0352	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	1	
ROMO0353	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/20/81-09/28/93	12	22	
ROMO0354	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	2	
ROMO0357	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	1	
ROMO0358	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/03/81-07/16/97	15	21	
ROMO0359	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	1	
ROMO0360	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/02/82-08/10/83	1	3	
ROMO0361	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/02/82-08/31/92	10	9	
ROMO0362	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/06/81-08/30/94	13	27	
ROMO0363	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/12/87-09/18/89	2	40	
ROMO0364	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	1	
ROMO0365	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/14/88-11/08/88	0	13	
ROMO0368	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/13/88-10/11/88	0	4	
ROMO0373	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/17/87-11/10/87	0	24	
ROMO0374	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/04/85-10/04/85	0	1	
ROMO0379	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/14/88-11/08/88	0	12	
ROMO0387	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/14/88-10/11/88	0	8	
ROMO0404	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/26/95-02/18/97	2	28	
ROMO0407	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/31/87-08/31/87	0	2	
ROMO0410	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/11/76-03/10/97	20	177	T,A
ROMO0430	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/21/87-08/08/89	2	7	
ROMO0435	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/04/85-10/04/85	0	1	
ROMO0441	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/15/74-08/29/74	0	2	
ROMO0447	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/04/95-10/04/95	0	11	
ROMO0451	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/04/95-06/12/95	0	3	
ROMO0459	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/05/74-08/05/74	0	1	
ROMO0466	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/04/85-10/04/85	0	1	
ROMO0470	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/18/75-03/10/97	21	169	T,A
ROMO0472	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/05/87-11/10/87	0	28	
ROMO0474	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/09/72-05/09/72	0	1	
ROMO0484	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/28/74-09/11/74	0	2	
ROMO0486	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/12/85-09/12/85	0	1	
ROMO0490	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/06/85-10/06/85	0	1	
ROMO0508	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/09/87-07/17/87	0	6	
ROMO0513	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/05/74-08/05/74	0	1	
ROMO0518	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/18/74-07/18/74	0	1	
ROMO0521	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	1	
ROMO0525	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/27/74-08/27/74	0	1	
ROMO0528	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/18/74-07/18/74	0	1	
ROMO0530	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/27/87-10/27/87	0	2	
ROMO0533	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	1	
ROMO0535	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	1	
ROMO0537	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/10/74-08/27/74	0	2	
ROMO0538	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	1	
ROMO0540	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	1	
ROMO0543	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	2	
ROMO0544	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	1	
ROMO0545	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	1	
ROMO0547	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	2	
ROMO0548	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	1	
ROMO0553	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	1	
ROMO0554	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	1	
ROMO0555	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	1	
ROMO0556	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	1	
ROMO0557	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	1	
ROMO0558	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	1	
ROMO0559	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	1	
ROMO0561	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	1	
ROMO0563	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	1	
ROMO0564	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	1	
ROMO0565	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	1	
ROMO0566	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	1	
ROMO0567	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	1	
ROMO0568	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	1	
ROMO0569	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	1	
ROMO0570	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	2	
ROMO0572	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	1	
ROMO0573	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/04/85-10/04/85	0	1	
ROMO0574	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	1	
ROMO0575	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0576	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	1	
ROMO0577	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	1	
ROMO0578	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	1	
ROMO0579	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	1	
ROMO0580	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	2	
ROMO0582	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	1	
ROMO0584	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	1	
ROMO0585	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	1	
ROMO0587	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	1	
ROMO0588	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	1	
ROMO0589	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	1	
ROMO0590	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	1	
ROMO0591	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/06/85-10/06/85	0	1	
ROMO0592	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	1	
ROMO0594	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	1	
ROMO0595	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	1	
ROMO0597	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	1	
ROMO0598	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	1	
ROMO0600	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	1	
ROMO0601	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	1	
ROMO0602	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	1	
ROMO0603	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	1	
ROMO0605	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	1	
ROMO0607	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	1	
ROMO0608	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	2	
ROMO0610	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	1	
ROMO0613	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	1	
ROMO0615	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	1	
ROMO0616	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	1	
ROMO0617	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	1	
ROMO0618	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	1	
ROMO0619	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	1	
ROMO0620	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	1	
ROMO0621	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	1	
ROMO0622	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	1	
ROMO0623	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	1	
ROMO0624	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	1	
ROMO0625	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	1	
ROMO0628	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	1	
ROMO0632	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	0	1	
ROMO0644	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/15/81-09/13/97	16	24	
ROMO0651	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/18/81-09/17/94	13	9	
ROMO0653	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/08/82-08/31/91	9	6	
ROMO0654	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/08/82-08/03/88	6	7	
ROMO0655	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/09/81-10/10/95	14	20	
ROMO0659	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/25/90-08/31/91	1	2	
ROMO0660	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/08/82-08/31/91	9	6	
ROMO0661	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/08/82-08/03/88	6	7	
ROMO0662	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/09/81-09/13/97	16	27	
ROMO0663	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/15/81-09/30/93	12	16	
ROMO0668	Yes	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/04/85-10/04/85	0	1	
ROMO0671	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/11/85-09/11/85	0	1	
ROMO0405	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	06/22/88-06/22/88	0	1	
ROMO0408	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	06/22/88-06/22/88	0	1	
ROMO0483	No	00937	POTASSIUM, TOTAL MG/L AS K)	06/13/78-05/19/83	4	9	
ROMO0514	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	06/01/88-06/16/88	0	3	
ROMO0519	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	05/05/88-06/16/88	0	7	
ROMO0524	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	05/05/88-06/16/88	0	7	
ROMO0652	Yes	00937	POTASSIUM, TOTAL MG/L AS K)	06/22/88-06/22/88	0	1	
ROMO0673	No	00937	POTASSIUM, TOTAL MG/L AS K)	03/19/65-03/19/65	0	1	
ROMO0675	No	00937	POTASSIUM, TOTAL MG/L AS K)	05/15/88-06/27/88	0	7	
ROMO0684	No	00937	POTASSIUM, TOTAL MG/L AS K)	03/19/65-03/19/65	0	1	
ROMO0003	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/28/87-10/06/87	0	6	
ROMO0004	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/01/87-10/01/87	0	2	
ROMO0017	No	00940	CHLORIDE,TOTAL IN WATER MG/L	07/09/69-09/20/73	4	18	
ROMO0034	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/22/73-10/01/96	23	106	T,S
ROMO0047	No	00940	CHLORIDE,TOTAL IN WATER MG/L	11/06/75-07/06/76	0	2	
ROMO0050	No	00940	CHLORIDE,TOTAL IN WATER MG/L	07/05/76-07/05/76	0	1	
ROMO0056	No	00940	CHLORIDE,TOTAL IN WATER MG/L	07/06/76-07/06/76	0	1	
ROMO0059	No	00940	CHLORIDE,TOTAL IN WATER MG/L	04/21/41-04/26/57	16	6	
ROMO0060	No	00940	CHLORIDE,TOTAL IN WATER MG/L	02/14/89-03/05/97	8	42	
ROMO0063	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/22/73-10/02/96	23	106	T,S

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0068	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/14/75-08/14/75	0	1	
ROMO0073	No	00940	CHLORIDE,TOTAL IN WATER MG/L	06/30/76-06/30/76	0	1	
ROMO0076	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/18/87-08/18/87	0	4	
ROMO0081	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/03/75-10/03/75	0	1	
ROMO0082	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	07/21/87-10/01/87	0	14	
ROMO0110	No	00940	CHLORIDE,TOTAL IN WATER MG/L	11/27/73-11/27/73	0	1	
ROMO0130	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	07/08/74-07/08/74	0	1	
ROMO0137	No	00940	CHLORIDE,TOTAL IN WATER MG/L	07/09/87-10/21/87	0	18	
ROMO0138	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/22/73-08/22/73	0	2	
ROMO0150	No	00940	CHLORIDE,TOTAL IN WATER MG/L	07/02/76-07/02/76	0	1	
ROMO0155	No	00940	CHLORIDE,TOTAL IN WATER MG/L	06/29/76-06/29/76	0	1	
ROMO0168	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	07/02/74-08/27/74	0	2	
ROMO0171	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/23/87-09/18/89	1	32	
ROMO0173	No	00940	CHLORIDE,TOTAL IN WATER MG/L	07/24/87-07/24/87	0	4	
ROMO0180	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	07/02/74-08/27/74	0	2	
ROMO0193	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	07/01/74-09/11/74	0	2	
ROMO0206	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/25/91-09/25/91	0	1	
ROMO0208	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/25/91-09/25/91	0	1	
ROMO0209	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/25/91-09/25/91	0	1	
ROMO0210	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/25/91-09/25/91	0	1	
ROMO0211	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/25/91-09/25/91	0	1	
ROMO0212	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/25/91-09/25/91	0	1	
ROMO0215	No	00940	CHLORIDE,TOTAL IN WATER MG/L	06/28/74-09/11/74	0	2	
ROMO0225	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/25/91-09/25/91	0	1	
ROMO0226	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	04/16/83-05/05/92	9	45	
ROMO0227	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/16/83-09/29/92	9	41	
ROMO0228	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	04/16/83-08/24/88	5	9	
ROMO0229	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/16/83-09/29/92	9	46	
ROMO0230	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	02/15/83-12/24/91	8	49	
ROMO0231	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/25/91-09/25/91	0	1	
ROMO0237	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/25/91-09/25/91	0	1	
ROMO0242	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/25/91-09/25/91	0	1	
ROMO0251	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	04/16/83-08/24/88	5	33	
ROMO0252	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	07/29/83-10/10/84	1	6	
ROMO0253	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	04/16/83-02/28/84	0	6	
ROMO0254	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	07/29/83-07/22/92	8	38	
ROMO0255	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	02/15/83-01/23/90	6	42	
ROMO0258	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/25/91-09/25/91	0	1	
ROMO0262	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/26/91-09/26/91	0	1	
ROMO0264	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/26/91-09/26/91	0	1	
ROMO0265	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/26/91-09/26/91	0	1	
ROMO0266	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/28/91-09/28/91	0	1	
ROMO0270	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/28/91-09/28/91	0	1	
ROMO0271	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/26/91-09/26/91	0	1	
ROMO0272	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/26/91-09/26/91	0	1	
ROMO0274	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/26/91-09/26/91	0	1	
ROMO0275	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/26/91-09/26/91	0	1	
ROMO0278	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/26/91-09/26/91	0	1	
ROMO0283	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	09/26/91-09/26/91	0	1	
ROMO0289	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/28/90-10/01/91	1	3	
ROMO0301	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/02/83-07/22/92	8	43	
ROMO0309	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	10/27/87-10/27/87	0	2	
ROMO0317	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	04/04/83-04/28/92	9	58	
ROMO0318	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	04/04/83-09/29/92	9	60	
ROMO0319	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	04/04/83-11/13/88	5	10	
ROMO0320	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	02/08/83-10/27/92	9	334	A
ROMO0321	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	02/08/83-04/28/92	9	74	
ROMO0323	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	10/27/87-10/27/87	0	2	
ROMO0327	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/02/83-09/29/92	9	32	
ROMO0341	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	07/14/86-09/12/91	5	5	
ROMO0342	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	07/14/87-07/13/88	0	2	
ROMO0343	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	07/14/86-07/13/88	1	3	
ROMO0347	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	07/21/87-07/21/87	0	2	
ROMO0351	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/20/74-08/20/74	0	1	
ROMO0363	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/12/87-09/18/89	2	40	
ROMO0369	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	07/14/87-09/12/91	4	4	
ROMO0370	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	07/15/86-09/12/91	5	5	
ROMO0371	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	07/15/86-07/13/88	1	3	
ROMO0372	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	07/15/86-09/12/91	5	5	
ROMO0373	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	07/17/87-11/10/87	0	24	
ROMO0404	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	01/26/95-02/18/97	2	28	
ROMO0405	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	06/22/88-06/22/88	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0407	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/31/87-08/31/87	0	2	
ROMO0408	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	06/22/88-06/22/88	0	1	
ROMO0410	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/11/76-03/10/97	20	176	T,A
ROMO0430	No	00940	CHLORIDE,TOTAL IN WATER MG/L	07/21/87-08/08/89	2	7	
ROMO0441	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	07/15/74-08/29/74	0	2	
ROMO0447	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	01/04/95-10/04/95	0	11	
ROMO0451	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	01/04/95-06/12/95	0	3	
ROMO0459	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/05/74-08/05/74	0	1	
ROMO0470	No	00940	CHLORIDE,TOTAL IN WATER MG/L	09/18/75-03/10/97	21	170	T,A
ROMO0472	No	00940	CHLORIDE,TOTAL IN WATER MG/L	07/05/87-11/10/87	0	28	
ROMO0474	No	00940	CHLORIDE,TOTAL IN WATER MG/L	05/09/72-05/09/72	0	1	
ROMO0476	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/23/65-08/26/65	0	2	
ROMO0480	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/23/65-08/26/65	0	2	
ROMO0483	No	00940	CHLORIDE,TOTAL IN WATER MG/L	12/17/71-06/04/80	8	34	
ROMO0484	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	06/28/74-09/11/74	0	2	
ROMO0489	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/23/65-08/26/65	0	2	
ROMO0500	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/23/65-08/26/65	0	2	
ROMO0508	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	07/09/87-07/17/87	0	6	
ROMO0513	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/05/74-08/05/74	0	1	
ROMO0514	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	06/01/88-06/16/88	0	3	
ROMO0518	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	07/18/74-07/18/74	0	1	
ROMO0519	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	05/05/88-06/16/88	0	6	
ROMO0524	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	05/05/88-06/16/88	0	7	
ROMO0525	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/27/74-08/27/74	0	1	
ROMO0528	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	07/18/74-07/18/74	0	1	
ROMO0530	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	10/27/87-10/27/87	0	2	
ROMO0537	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	07/10/74-08/27/74	0	2	
ROMO0646	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/11/87-08/03/88	0	2	
ROMO0647	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/06/86-08/31/91	5	6	
ROMO0648	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/11/87-08/03/88	0	2	
ROMO0649	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/25/90-08/31/91	1	2	
ROMO0652	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	06/22/88-06/22/88	0	1	
ROMO0657	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/06/86-08/03/88	1	3	
ROMO0658	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/06/86-08/03/88	1	4	
ROMO0659	Yes	00940	CHLORIDE,TOTAL IN WATER MG/L	08/25/90-08/31/91	1	2	
ROMO0673	No	00940	CHLORIDE,TOTAL IN WATER MG/L	03/19/65-03/19/65	0	1	
ROMO0675	No	00940	CHLORIDE,TOTAL IN WATER MG/L	05/15/88-06/20/88	0	6	
ROMO0684	No	00940	CHLORIDE,TOTAL IN WATER MG/L	03/19/65-03/19/65	0	1	
ROMO0001	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/15/85-09/15/85	0	1	
ROMO0005	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/06/85-10/06/85	0	1	
ROMO0015	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/15/85-09/15/85	0	1	
ROMO0018	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/12/85-09/12/85	0	1	
ROMO0025	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/02/85-10/02/85	0	1	
ROMO0035	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/04/85-10/04/85	0	1	
ROMO0046	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/04/85-10/04/85	0	1	
ROMO0069	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	1	
ROMO0070	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/10/85-10/10/85	0	1	
ROMO0071	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/02/85-10/02/85	0	1	
ROMO0074	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	1	
ROMO0086	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/14/93-10/04/95	2	61	
ROMO0088	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/04/85-10/04/85	0	1	
ROMO0091	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	1	
ROMO0093	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	1	
ROMO0095	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/02/85-10/02/85	0	1	
ROMO0096	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	1	
ROMO0099	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	1	
ROMO0102	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	1	
ROMO0103	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	1	
ROMO0104	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	2	
ROMO0106	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	1	
ROMO0107	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/02/85-10/02/85	0	1	
ROMO0109	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	1	
ROMO0112	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	1	
ROMO0113	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	1	
ROMO0119	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	1	
ROMO0120	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	1	
ROMO0122	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	1	
ROMO0135	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/10/85-10/10/85	0	1	
ROMO0159	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/02/85-10/02/85	0	1	
ROMO0163	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/02/85-10/02/85	0	1	
ROMO0164	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	1	
ROMO0170	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0174	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/06/93-08/15/95	1	3	
ROMO0175	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/15/95-08/15/95	0	1	
ROMO0177	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/15/95-08/15/95	0	1	
ROMO0178	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/30/94-08/30/94	0	1	
ROMO0179	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/06/93-08/15/95	1	3	
ROMO0182	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	1	
ROMO0183	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	1	
ROMO0185	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/10/85-10/10/85	0	1	
ROMO0186	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	1	
ROMO0189	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/15/95-08/15/95	0	1	
ROMO0190	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/15/95-08/15/95	0	1	
ROMO0195	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	1	
ROMO0196	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	1	
ROMO0198	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	1	
ROMO0200	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	1	
ROMO0202	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/30/94-08/15/95	0	2	
ROMO0203	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	1	
ROMO0205	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	1	
ROMO0217	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	1	
ROMO0218	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/14/82-10/07/97	15	67	
ROMO0219	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/13/91-10/07/97	6	22	
ROMO0221	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/20/82-08/24/88	6	61	
ROMO0222	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/14/82-04/17/97	14	81	
ROMO0223	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/14/82-04/17/97	14	87	
ROMO0224	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	1	
ROMO0234	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/14/82-10/07/97	15	83	
ROMO0235	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	1	
ROMO0239	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	1	
ROMO0240	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/08/82-10/10/84	2	18	
ROMO0243	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/08/82-08/24/88	6	53	
ROMO0244	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/13/82-05/29/84	1	21	
ROMO0245	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/08/82-06/17/97	15	66	
ROMO0246	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/20/94-08/15/95	1	4	
ROMO0256	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/18/82-10/07/97	15	81	
ROMO0257	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	1	
ROMO0263	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/06/93-08/15/95	1	5	
ROMO0267	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	1	
ROMO0268	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/05/92-11/12/98	6	375	
ROMO0279	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	1	
ROMO0281	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/06/93-08/15/95	1	2	
ROMO0282	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/06/93-08/15/95	1	7	
ROMO0284	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/23/93-08/23/93	0	1	
ROMO0286	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/05/83-10/07/97	14	67	
ROMO0287	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/08/82-10/21/82	0	7	
ROMO0288	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	1	
ROMO0290	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	1	
ROMO0291	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/21/88-07/29/97	9	6	
ROMO0292	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	1	
ROMO0293	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/06/93-08/15/95	1	5	
ROMO0294	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/10/85-10/10/85	0	1	
ROMO0295	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	1	
ROMO0296	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	1	
ROMO0298	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	2	
ROMO0302	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	04/15/92-11/12/98	6	500	
ROMO0305	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/06/93-08/15/95	1	5	
ROMO0307	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	1	
ROMO0308	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/11/82-10/07/97	15	138	
ROMO0310	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	1	
ROMO0311	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	1	
ROMO0313	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/02/82-11/13/88	6	69	
ROMO0314	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/02/82-03/18/97	14	96	
ROMO0315	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/11/82-12/23/97	15	114	
ROMO0316	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/14/82-10/21/82	0	6	
ROMO0322	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/10/85-10/10/85	0	1	
ROMO0324	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	04/30/95-08/21/95	0	5	
ROMO0325	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/11/82-12/30/97	15	649	A
ROMO0326	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	1	
ROMO0328	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	12/08/82-10/07/97	14	62	
ROMO0331	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	1	
ROMO0332	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	1	
ROMO0333	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	1	
ROMO0334	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/20/81-07/16/97	15	25	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0335	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/02/82-08/10/83	1	3	
ROMO0336	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/02/82-07/13/88	6	6	
ROMO0337	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/06/81-07/13/88	7	17	
ROMO0338	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/10/85-10/10/85	0	1	
ROMO0339	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/06/93-08/15/95	1	6	
ROMO0344	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/04/85-10/04/85	0	1	
ROMO0349	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	2	
ROMO0352	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	1	
ROMO0353	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/20/81-09/28/93	12	22	
ROMO0354	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	1	
ROMO0357	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	1	
ROMO0358	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/03/81-07/16/97	15	21	
ROMO0359	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	1	
ROMO0360	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/02/82-08/10/83	1	3	
ROMO0361	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/02/82-08/31/92	10	9	
ROMO0362	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/06/81-08/30/94	13	27	
ROMO0364	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	1	
ROMO0365	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/14/88-11/08/88	0	13	
ROMO0368	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/13/88-10/11/88	0	4	
ROMO0374	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/04/85-10/04/85	0	1	
ROMO0379	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/14/88-11/08/88	0	12	
ROMO0381	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	02/17/93-10/11/95	2	265	
ROMO0382	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/06/94-08/17/95	1	4	
ROMO0386	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/17/95-08/17/95	0	1	
ROMO0387	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/14/88-10/11/88	0	8	
ROMO0392	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/17/95-08/17/95	0	1	
ROMO0394	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/17/95-08/17/95	0	1	
ROMO0397	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/17/95-08/17/95	0	1	
ROMO0411	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/17/95-08/17/95	0	1	
ROMO0413	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/17/95-08/17/95	0	1	
ROMO0415	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/17/95-08/17/95	0	1	
ROMO0416	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/06/94-08/17/95	1	3	
ROMO0419	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/06/94-08/17/95	1	2	
ROMO0420	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/06/94-08/17/95	1	2	
ROMO0424	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/11/93-08/17/95	1	6	
ROMO0426	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/11/93-08/17/95	1	4	
ROMO0435	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/04/85-10/04/85	0	1	
ROMO0436	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/21/93-10/19/93	0	23	
ROMO0437	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	02/11/93-11/01/94	1	49	
ROMO0438	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	02/11/93-10/04/95	2	70	
ROMO0440	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/21/93-10/04/95	2	224	
ROMO0444	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/19/93-10/20/94	1	26	
ROMO0448	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/21/93-11/01/94	1	48	
ROMO0466	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/04/85-10/04/85	0	1	
ROMO0486	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/12/85-09/12/85	0	1	
ROMO0490	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/06/85-10/06/85	0	1	
ROMO0510	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/10/94-11/01/94	0	24	
ROMO0521	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	1	
ROMO0533	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	1	
ROMO0535	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	1	
ROMO0538	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	1	
ROMO0540	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	1	
ROMO0543	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	2	
ROMO0544	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	1	
ROMO0545	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	1	
ROMO0547	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	2	
ROMO0548	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	1	
ROMO0553	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	1	
ROMO0554	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	1	
ROMO0555	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	1	
ROMO0556	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	1	
ROMO0557	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	1	
ROMO0558	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	1	
ROMO0559	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	1	
ROMO0561	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	1	
ROMO0563	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	1	
ROMO0564	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	1	
ROMO0565	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	1	
ROMO0566	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	1	
ROMO0567	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	1	
ROMO0568	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	1	
ROMO0569	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0570	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	2	
ROMO0572	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	1	
ROMO0573	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/04/85-10/04/85	0	1	
ROMO0574	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	1	
ROMO0575	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	1	
ROMO0576	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	1	
ROMO0577	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	1	
ROMO0578	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	1	
ROMO0579	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	1	
ROMO0580	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	2	
ROMO0582	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	1	
ROMO0584	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	1	
ROMO0585	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	1	
ROMO0587	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	1	
ROMO0588	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	1	
ROMO0589	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	1	
ROMO0590	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	1	
ROMO0591	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/06/85-10/06/85	0	1	
ROMO0592	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	1	
ROMO0594	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	1	
ROMO0595	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	1	
ROMO0597	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	1	
ROMO0598	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	1	
ROMO0600	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	1	
ROMO0601	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	1	
ROMO0602	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	1	
ROMO0603	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	1	
ROMO0605	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	1	
ROMO0607	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	1	
ROMO0608	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	2	
ROMO0610	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	1	
ROMO0613	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	1	
ROMO0615	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	1	
ROMO0616	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	1	
ROMO0617	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	1	
ROMO0618	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	1	
ROMO0619	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	1	
ROMO0620	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	1	
ROMO0621	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	1	
ROMO0622	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	1	
ROMO0623	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	1	
ROMO0624	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	1	
ROMO0625	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	1	
ROMO0628	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	1	
ROMO0632	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	0	1	
ROMO0644	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/15/81-09/13/97	16	24	
ROMO0651	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/18/81-09/17/94	13	9	
ROMO0653	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/08/82-08/31/91	9	6	
ROMO0654	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/08/82-08/03/88	6	7	
ROMO0655	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/09/81-10/10/95	14	20	
ROMO0660	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/08/82-08/31/91	9	6	
ROMO0661	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/08/82-08/03/88	6	7	
ROMO0662	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/09/81-09/13/97	16	27	
ROMO0663	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/15/81-09/30/93	12	16	
ROMO0668	Yes	00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/04/85-10/04/85	0	1	
ROMO0671	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/11/85-09/11/85	0	1	
ROMO0003	No	00945	SULFATE, TOTAL (MG/L AS SO4)	08/28/87-10/06/87	0	6	
ROMO0004	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/01/87-10/01/87	0	2	
ROMO0017	No	00945	SULFATE, TOTAL (MG/L AS SO4)	07/09/69-09/20/73	4	18	
ROMO0024	No	00945	SULFATE, TOTAL (MG/L AS SO4)	09/30/96-09/09/97	0	5	
ROMO0034	No	00945	SULFATE, TOTAL (MG/L AS SO4)	08/22/73-10/01/96	23	106	T,S
ROMO0047	No	00945	SULFATE, TOTAL (MG/L AS SO4)	11/06/75-11/06/75	0	1	
ROMO0059	No	00945	SULFATE, TOTAL (MG/L AS SO4)	04/21/41-04/26/57	16	6	
ROMO0060	No	00945	SULFATE, TOTAL (MG/L AS SO4)	02/14/89-03/05/97	8	42	
ROMO0063	No	00945	SULFATE, TOTAL (MG/L AS SO4)	08/22/73-10/02/96	23	106	T,S
ROMO0068	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/14/75-08/14/75	0	1	
ROMO0076	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/18/87-08/18/87	0	4	
ROMO0081	No	00945	SULFATE, TOTAL (MG/L AS SO4)	10/03/75-10/03/75	0	1	
ROMO0082	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	07/21/87-10/01/87	0	14	
ROMO0110	No	00945	SULFATE, TOTAL (MG/L AS SO4)	11/27/73-11/27/73	0	1	
ROMO0130	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	07/08/74-07/08/74	0	1	
ROMO0137	No	00945	SULFATE, TOTAL (MG/L AS SO4)	07/09/87-10/21/87	0	18	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0138	No	00945	SULFATE, TOTAL (MG/L AS SO4)	08/22/73-08/22/73	0	2	
ROMO0168	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	07/02/74-08/27/74	0	2	
ROMO0171	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/23/87-09/18/89	1	32	
ROMO0173	No	00945	SULFATE, TOTAL (MG/L AS SO4)	07/24/87-07/24/87	0	4	
ROMO0180	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	07/02/74-08/27/74	0	2	
ROMO0193	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	07/01/74-09/11/74	0	2	
ROMO0206	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/25/91-09/25/91	0	1	
ROMO0208	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/25/91-09/25/91	0	1	
ROMO0209	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/25/91-09/25/91	0	1	
ROMO0210	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/25/91-09/25/91	0	1	
ROMO0211	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/25/91-09/25/91	0	1	
ROMO0212	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/25/91-09/25/91	0	1	
ROMO0215	No	00945	SULFATE, TOTAL (MG/L AS SO4)	06/28/74-09/11/74	0	2	
ROMO0225	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/25/91-09/25/91	0	1	
ROMO0226	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	04/16/83-05/05/92	9	44	
ROMO0227	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/16/83-09/29/92	9	41	
ROMO0228	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	04/16/83-08/24/88	5	9	
ROMO0229	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/16/83-09/29/92	9	47	
ROMO0230	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	02/15/83-12/24/91	8	48	
ROMO0231	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/25/91-09/25/91	0	1	
ROMO0237	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/25/91-09/25/91	0	1	
ROMO0242	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/25/91-09/25/91	0	1	
ROMO0251	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	04/16/83-08/24/88	5	33	
ROMO0252	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	07/29/83-10/10/84	1	6	
ROMO0253	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	04/16/83-02/28/84	0	6	
ROMO0254	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	07/29/83-07/22/92	8	38	
ROMO0255	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	02/15/83-01/23/90	6	42	
ROMO0258	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/25/91-09/25/91	0	1	
ROMO0262	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/26/91-09/26/91	0	1	
ROMO0264	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/26/91-09/26/91	0	1	
ROMO0265	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/26/91-09/26/91	0	1	
ROMO0266	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/28/91-09/28/91	0	1	
ROMO0270	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/28/91-09/28/91	0	1	
ROMO0271	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/26/91-09/26/91	0	1	
ROMO0272	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/26/91-09/26/91	0	1	
ROMO0274	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/26/91-09/26/91	0	1	
ROMO0275	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/26/91-09/26/91	0	1	
ROMO0278	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/26/91-09/26/91	0	1	
ROMO0283	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	09/26/91-09/26/91	0	1	
ROMO0289	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/28/90-10/01/91	1	3	
ROMO0301	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/02/83-07/22/92	8	44	
ROMO0309	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	10/27/87-10/27/87	0	2	
ROMO0317	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	04/04/83-04/28/92	9	58	
ROMO0318	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	04/04/83-09/29/92	9	59	
ROMO0319	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	04/04/83-11/13/88	5	10	
ROMO0320	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	02/08/83-10/27/92	9	334	A
ROMO0321	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	02/08/83-04/28/92	9	74	
ROMO0323	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	10/27/87-10/27/87	0	2	
ROMO0327	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/02/83-09/29/92	9	32	
ROMO0341	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	07/14/86-09/12/91	5	5	
ROMO0342	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	07/14/87-07/13/88	0	2	
ROMO0343	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	07/14/86-07/13/88	1	3	
ROMO0347	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	07/21/87-07/21/87	0	2	
ROMO0351	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/20/74-08/20/74	0	1	
ROMO0363	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/12/87-09/18/89	2	40	
ROMO0369	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	07/14/87-09/12/91	4	4	
ROMO0370	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	07/15/86-09/12/91	5	5	
ROMO0371	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	07/15/86-07/13/88	1	3	
ROMO0372	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	07/15/86-09/12/91	5	5	
ROMO0373	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	07/17/87-11/10/87	0	24	
ROMO0404	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	01/26/95-02/18/97	2	28	
ROMO0407	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/31/87-08/31/87	0	2	
ROMO0410	No	00945	SULFATE, TOTAL (MG/L AS SO4)	08/11/76-03/10/97	20	175	T,A
ROMO0430	No	00945	SULFATE, TOTAL (MG/L AS SO4)	07/21/87-08/08/89	2	7	
ROMO0441	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	07/15/74-08/29/74	0	2	
ROMO0447	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	01/04/95-10/04/95	0	11	
ROMO0451	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	01/04/95-06/12/95	0	3	
ROMO0459	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/05/74-08/05/74	0	1	
ROMO0460	No	00945	SULFATE, TOTAL (MG/L AS SO4)	09/30/96-09/09/97	0	4	
ROMO0470	No	00945	SULFATE, TOTAL (MG/L AS SO4)	09/18/75-03/10/97	21	170	T,A
ROMO0472	No	00945	SULFATE, TOTAL (MG/L AS SO4)	07/05/87-11/10/87	0	28	
ROMO0474	No	00945	SULFATE, TOTAL (MG/L AS SO4)	05/09/72-05/09/72	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0483	No	00945	SULFATE, TOTAL (MG/L AS SO4)	12/17/71-04/02/92	20	101	
ROMO0484	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	06/28/74-09/11/74	0	2	
ROMO0508	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	07/09/87-07/17/87	0	6	
ROMO0513	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/05/74-08/05/74	0	1	
ROMO0518	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	07/18/74-07/18/74	0	1	
ROMO0525	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/27/74-08/27/74	0	1	
ROMO0528	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	07/18/74-07/18/74	0	1	
ROMO0530	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	10/27/87-10/27/87	0	2	
ROMO0537	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	07/10/74-08/27/74	0	2	
ROMO0646	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/11/87-08/03/88	0	2	
ROMO0647	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/06/86-08/31/91	5	6	
ROMO0648	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/11/87-08/03/88	0	2	
ROMO0649	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/25/90-08/31/91	1	2	
ROMO0657	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/06/86-08/03/88	1	3	
ROMO0658	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/06/86-08/03/88	1	4	
ROMO0659	Yes	00945	SULFATE, TOTAL (MG/L AS SO4)	08/25/90-08/31/91	1	2	
ROMO0673	No	00945	SULFATE, TOTAL (MG/L AS SO4)	03/19/65-03/19/65	0	1	
ROMO0684	No	00945	SULFATE, TOTAL (MG/L AS SO4)	03/19/65-03/19/65	0	1	
ROMO0069	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	1	
ROMO0074	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	1	
ROMO0086	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/14/93-10/04/95	2	61	
ROMO0091	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	1	
ROMO0093	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	1	
ROMO0096	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	1	
ROMO0099	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	1	
ROMO0102	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	1	
ROMO0103	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	1	
ROMO0104	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	2	
ROMO0106	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	1	
ROMO0109	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	1	
ROMO0112	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	1	
ROMO0113	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	1	
ROMO0119	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	1	
ROMO0120	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	1	
ROMO0122	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	1	
ROMO0164	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	1	
ROMO0170	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	1	
ROMO0174	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	09/06/93-08/15/95	1	3	
ROMO0175	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/15/95-08/15/95	0	1	
ROMO0177	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/15/95-08/15/95	0	1	
ROMO0178	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/30/94-08/30/94	0	1	
ROMO0179	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	09/06/93-08/15/95	1	3	
ROMO0182	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	1	
ROMO0183	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	1	
ROMO0186	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	1	
ROMO0189	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/15/95-08/15/95	0	1	
ROMO0190	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/15/95-08/15/95	0	1	
ROMO0195	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	1	
ROMO0196	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	1	
ROMO0198	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	1	
ROMO0200	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	1	
ROMO0202	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/30/94-08/15/95	0	2	
ROMO0203	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	1	
ROMO0205	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	1	
ROMO0217	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	1	
ROMO0218	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/14/82-10/07/97	15	67	
ROMO0219	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/13/91-10/07/97	6	22	
ROMO0221	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/20/82-08/24/88	6	25	
ROMO0222	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/14/82-04/17/97	14	79	
ROMO0223	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/14/82-04/17/97	14	85	
ROMO0224	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	1	
ROMO0234	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/14/82-10/07/97	15	82	
ROMO0235	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	1	
ROMO0239	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	1	
ROMO0240	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/08/82-10/10/84	2	18	
ROMO0243	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/08/82-08/24/88	6	53	
ROMO0244	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/13/82-05/29/84	1	21	
ROMO0245	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/08/82-06/17/97	15	66	
ROMO0246	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/20/94-08/15/95	1	4	
ROMO0256	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/18/82-10/07/97	15	81	
ROMO0257	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	1	
ROMO0263	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	09/06/93-08/15/95	1	5	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0267	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	1	
ROMO0268	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/05/92-11/12/98	6	374	
ROMO0279	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	1	
ROMO0281	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	09/06/93-08/15/95	1	2	
ROMO0282	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	09/06/93-08/15/95	1	7	
ROMO0284	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/23/93-08/23/93	0	1	
ROMO0286	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/05/83-10/07/97	14	67	
ROMO0287	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/08/82-10/21/82	0	7	
ROMO0288	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	1	
ROMO0291	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/21/88-07/29/97	9	6	
ROMO0293	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	09/06/93-08/15/95	1	5	
ROMO0295	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	1	
ROMO0296	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	1	
ROMO0298	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	2	
ROMO0302	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	04/15/92-11/12/98	6	509	
ROMO0305	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	09/06/93-08/15/95	1	5	
ROMO0307	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	1	
ROMO0308	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/11/82-10/07/97	15	137	
ROMO0310	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	1	
ROMO0311	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	1	
ROMO0313	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/02/82-11/13/88	6	30	
ROMO0314	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/02/82-03/18/97	14	93	
ROMO0315	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/11/82-12/23/97	15	112	
ROMO0316	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/14/82-10/21/82	0	6	
ROMO0324	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	04/30/95-08/21/95	0	5	
ROMO0325	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/11/82-12/30/97	15	646	A
ROMO0326	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	1	
ROMO0328	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	12/08/82-10/07/97	14	59	
ROMO0331	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	1	
ROMO0332	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	1	
ROMO0333	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	1	
ROMO0334	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/20/81-07/16/97	15	25	
ROMO0335	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/02/82-08/10/83	1	3	
ROMO0336	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/02/82-07/13/88	6	6	
ROMO0337	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/06/81-07/13/88	7	17	
ROMO0339	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	09/06/93-08/15/95	1	6	
ROMO0349	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	2	
ROMO0352	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	1	
ROMO0353	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/20/81-09/28/93	12	22	
ROMO0354	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	1	
ROMO0357	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	1	
ROMO0358	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/03/81-07/16/97	15	21	
ROMO0359	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	1	
ROMO0360	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/02/82-08/10/83	1	3	
ROMO0361	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/02/82-08/31/92	10	9	
ROMO0362	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/06/81-08/30/94	13	27	
ROMO0364	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	1	
ROMO0365	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/14/88-11/08/88	0	13	
ROMO0368	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/13/88-10/11/88	0	4	
ROMO0379	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/14/88-11/08/88	0	12	
ROMO0381	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	02/17/93-10/11/95	2	265	
ROMO0382	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/06/94-08/17/95	1	4	
ROMO0386	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/17/95-08/17/95	0	1	
ROMO0387	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/14/88-10/11/88	0	8	
ROMO0392	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/17/95-08/17/95	0	1	
ROMO0394	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/17/95-08/17/95	0	1	
ROMO0397	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/17/95-08/17/95	0	1	
ROMO0411	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/17/95-08/17/95	0	1	
ROMO0413	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/17/95-08/17/95	0	1	
ROMO0415	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/17/95-08/17/95	0	1	
ROMO0416	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/06/94-08/17/95	1	3	
ROMO0419	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/06/94-08/17/95	1	2	
ROMO0420	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/06/94-08/17/95	1	2	
ROMO0424	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	09/11/93-08/17/95	1	6	
ROMO0426	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	09/11/93-08/17/95	1	4	
ROMO0436	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/21/93-10/19/93	0	23	
ROMO0437	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	02/11/93-11/01/94	1	49	
ROMO0438	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	02/11/93-10/04/95	2	70	
ROMO0440	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/21/93-10/04/95	2	224	
ROMO0444	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/19/93-10/20/94	1	26	
ROMO0448	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/21/93-11/01/94	1	48	
ROMO0510	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/10/94-11/01/94	0	24	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0521	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	1	
ROMO0533	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	1	
ROMO0535	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	1	
ROMO0538	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	1	
ROMO0540	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	1	
ROMO0543	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	2	
ROMO0544	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	1	
ROMO0545	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	1	
ROMO0547	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	2	
ROMO0548	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	1	
ROMO0553	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	1	
ROMO0554	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	1	
ROMO0555	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	1	
ROMO0557	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	1	
ROMO0558	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	1	
ROMO0559	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	1	
ROMO0561	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	1	
ROMO0563	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	1	
ROMO0564	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	1	
ROMO0566	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	1	
ROMO0567	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	1	
ROMO0568	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	1	
ROMO0569	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	1	
ROMO0570	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	2	
ROMO0572	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	1	
ROMO0574	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	1	
ROMO0575	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	1	
ROMO0576	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	1	
ROMO0577	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	1	
ROMO0578	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	1	
ROMO0579	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	1	
ROMO0580	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	2	
ROMO0582	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	1	
ROMO0584	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	1	
ROMO0585	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	1	
ROMO0587	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	1	
ROMO0588	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	1	
ROMO0589	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	1	
ROMO0590	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	1	
ROMO0592	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	1	
ROMO0594	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	1	
ROMO0595	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	1	
ROMO0597	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	1	
ROMO0598	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	1	
ROMO0600	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	1	
ROMO0601	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	1	
ROMO0602	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	1	
ROMO0603	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	1	
ROMO0605	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	1	
ROMO0607	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	1	
ROMO0608	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	2	
ROMO0610	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	1	
ROMO0613	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	1	
ROMO0615	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	1	
ROMO0616	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	1	
ROMO0617	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	1	
ROMO0618	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	1	
ROMO0619	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	1	
ROMO0620	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	1	
ROMO0621	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	1	
ROMO0622	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	1	
ROMO0623	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	1	
ROMO0624	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	1	
ROMO0625	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	1	
ROMO0628	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	1	
ROMO0632	No	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	0	1	
ROMO0644	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/15/81-09/13/97	16	24	
ROMO0651	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/18/81-09/17/94	13	9	
ROMO0653	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/08/82-08/31/91	9	6	
ROMO0654	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/08/82-08/03/88	6	7	
ROMO0655	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/09/81-10/10/95	14	20	
ROMO0660	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/08/82-08/31/91	9	6	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0661	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/08/82-08/03/88	6	7	
ROMO0662	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/09/81-09/13/97	16	27	
ROMO0663	Yes	00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/15/81-09/30/93	12	16	
ROMO0001	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/15/85-09/15/85	0	1	
ROMO0003	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/28/87-10/06/87	0	6	
ROMO0004	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/01/87-10/01/87	0	2	
ROMO0005	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/06/85-10/06/85	0	1	
ROMO0015	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/15/85-09/15/85	0	1	
ROMO0018	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/12/85-09/12/85	0	1	
ROMO0025	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/02/85-10/02/85	0	1	
ROMO0034	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/22/73-10/01/96	23	106	T,S
ROMO0035	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/04/85-10/04/85	0	1	
ROMO0046	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/04/85-10/04/85	0	1	
ROMO0047	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/06/75-11/06/75	0	1	
ROMO0060	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/29/85-03/05/97	11	43	
ROMO0063	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/22/73-10/02/96	23	106	T,S
ROMO0068	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/14/75-08/14/75	0	1	
ROMO0070	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/10/85-10/10/85	0	1	
ROMO0071	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/02/85-10/02/85	0	1	
ROMO0076	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/18/87-08/18/87	0	4	
ROMO0081	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/03/75-10/03/75	0	1	
ROMO0082	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/21/87-10/01/87	0	14	
ROMO0088	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/04/85-10/04/85	0	1	
ROMO0095	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/02/85-10/02/85	0	1	
ROMO0107	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/02/85-10/02/85	0	1	
ROMO0110	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/27/73-11/27/73	0	1	
ROMO0130	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/08/74-07/08/74	0	1	
ROMO0135	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/10/85-10/10/85	0	1	
ROMO0137	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/09/87-10/21/87	0	18	
ROMO0138	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/22/73-08/22/73	0	2	
ROMO0159	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/02/85-10/02/85	0	1	
ROMO0163	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/02/85-10/02/85	0	1	
ROMO0168	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/02/74-08/27/74	0	2	
ROMO0171	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/23/87-09/18/89	1	32	
ROMO0173	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/24/87-07/24/87	0	4	
ROMO0180	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/02/74-08/27/74	0	2	
ROMO0185	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/10/85-10/10/85	0	1	
ROMO0193	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/01/74-09/11/74	0	2	
ROMO0206	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/25/91-09/25/91	0	1	
ROMO0208	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/25/91-09/25/91	0	1	
ROMO0209	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/25/91-09/25/91	0	1	
ROMO0210	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/25/91-09/25/91	0	1	
ROMO0211	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/25/91-09/25/91	0	1	
ROMO0212	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/25/91-09/25/91	0	1	
ROMO0215	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/28/74-09/11/74	0	2	
ROMO0218	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/19/83-09/27/93	10	45	
ROMO0219	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/13/91-09/27/93	2	7	
ROMO0221	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/16/83-08/24/88	5	19	
ROMO0222	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/16/83-05/14/93	10	65	
ROMO0223	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/06/82-05/14/93	10	69	
ROMO0225	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/25/91-09/25/91	0	1	
ROMO0227	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/26/88-09/29/92	4	4	
ROMO0230	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/12/84-08/14/84	0	2	
ROMO0231	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/25/91-09/25/91	0	1	
ROMO0234	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/07/83-09/27/93	10	60	
ROMO0237	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/25/91-09/25/91	0	1	
ROMO0240	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/07/83-10/10/84	1	10	
ROMO0242	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/25/91-09/25/91	0	1	
ROMO0243	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/16/83-08/24/88	5	46	
ROMO0244	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/16/83-05/29/84	1	15	
ROMO0245	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/06/82-01/23/90	7	56	
ROMO0251	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/20/84-09/20/84	0	1	
ROMO0252	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/20/84-09/20/84	0	1	
ROMO0254	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/20/84-09/20/84	0	1	
ROMO0255	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/20/84-09/20/84	0	1	
ROMO0256	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/07/83-09/27/93	10	52	
ROMO0258	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/25/91-09/25/91	0	1	
ROMO0262	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/26/91-09/26/91	0	1	
ROMO0264	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/26/91-09/26/91	0	1	
ROMO0265	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/26/91-09/26/91	0	1	
ROMO0266	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/28/91-09/28/91	0	1	
ROMO0270	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/28/91-09/28/91	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0271	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/26/91-09/26/91	0	1	
ROMO0272	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/26/91-09/26/91	0	1	
ROMO0274	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/26/91-09/26/91	0	1	
ROMO0275	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/26/91-09/26/91	0	1	
ROMO0278	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/26/91-09/26/91	0	1	
ROMO0283	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/26/91-09/26/91	0	1	
ROMO0284	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/23/93-08/23/93	0	1	
ROMO0286	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/05/83-09/27/93	10	46	
ROMO0289	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/28/90-08/28/90	0	1	
ROMO0291	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/21/88-10/01/91	3	4	
ROMO0294	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/10/85-10/10/85	0	1	
ROMO0301	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/24/87-10/11/88	1	3	
ROMO0308	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/07/82-06/04/96	13	114	
ROMO0309	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/27/87-10/27/87	0	2	
ROMO0313	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/04/83-11/13/88	5	23	
ROMO0314	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/04/83-12/10/96	13	78	
ROMO0315	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/07/82-12/10/96	14	92	
ROMO0317	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/23/88-08/23/88	0	1	
ROMO0318	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/26/87-10/16/90	3	3	
ROMO0320	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/29/88-10/27/92	4	26	
ROMO0321	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	02/21/88-12/11/90	2	5	
ROMO0322	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/10/85-10/10/85	0	1	
ROMO0323	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/27/87-10/27/87	0	2	
ROMO0325	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/07/82-12/31/96	14	418	A
ROMO0328	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/08/82-06/25/96	13	45	
ROMO0334	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/10/83-09/27/93	10	8	
ROMO0335	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/10/83-08/10/83	0	1	
ROMO0336	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/10/83-07/13/88	4	4	
ROMO0337	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/10/83-07/13/88	4	4	
ROMO0338	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/10/85-10/10/85	0	1	
ROMO0344	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/04/85-10/04/85	0	1	
ROMO0347	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/21/87-07/21/87	0	2	
ROMO0351	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/20/74-08/20/74	0	1	
ROMO0353	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/10/83-09/28/93	10	8	
ROMO0358	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/10/83-09/28/93	10	5	
ROMO0360	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/10/83-08/10/83	0	1	
ROMO0361	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/10/83-08/31/92	9	7	
ROMO0362	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/10/83-09/28/93	10	8	
ROMO0363	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/12/87-09/18/89	2	40	
ROMO0373	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/17/87-11/10/87	0	24	
ROMO0374	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/04/85-10/04/85	0	1	
ROMO0404	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/26/95-02/18/97	2	28	
ROMO0407	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/31/87-08/31/87	0	2	
ROMO0410	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/11/76-03/10/97	20	177	T,A
ROMO0430	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/21/87-08/08/89	2	7	
ROMO0435	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/04/85-10/04/85	0	1	
ROMO0441	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/15/74-08/29/74	0	2	
ROMO0447	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/04/95-10/04/95	0	11	
ROMO0451	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/04/95-06/12/95	0	3	
ROMO0459	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/05/74-08/05/74	0	1	
ROMO0466	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/04/85-10/04/85	0	1	
ROMO0470	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/18/75-03/10/97	21	168	T,A
ROMO0472	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/05/87-11/10/87	0	28	
ROMO0474	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/09/72-05/09/72	0	1	
ROMO0484	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/28/74-09/11/74	0	2	
ROMO0486	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/12/85-09/12/85	0	1	
ROMO0490	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/06/85-10/06/85	0	1	
ROMO0508	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/09/87-07/17/87	0	6	
ROMO0513	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/05/74-08/05/74	0	1	
ROMO0518	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/18/74-07/18/74	0	1	
ROMO0525	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/27/74-08/27/74	0	1	
ROMO0528	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/18/74-07/18/74	0	1	
ROMO0530	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/27/87-10/27/87	0	2	
ROMO0537	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/10/74-08/27/74	0	2	
ROMO0573	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/04/85-10/04/85	0	1	
ROMO0591	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/06/85-10/06/85	0	1	
ROMO0644	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/26/83-09/30/93	10	8	
ROMO0651	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/26/83-09/30/93	10	5	
ROMO0653	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/26/83-08/31/91	8	3	
ROMO0654	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/26/83-08/03/88	5	4	
ROMO0655	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/26/83-09/30/93	10	5	
ROMO0658	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/11/87-08/11/87	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0659	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/25/90-08/31/91	1	2	
ROMO0660	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/25/83-08/31/91	8	3	
ROMO0661	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/25/83-08/03/88	5	4	
ROMO0662	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/25/83-09/30/93	10	9	
ROMO0663	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/25/83-09/30/93	10	3	
ROMO0668	Yes	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/04/85-10/04/85	0	1	
ROMO0671	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/11/85-09/11/85	0	1	
ROMO0483	No	00951	FLUORIDE, TOTAL (MG/L AS F)	12/17/71-07/11/77	5	21	
ROMO0519	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	05/05/88-05/12/88	0	2	
ROMO0524	Yes	00951	FLUORIDE, TOTAL (MG/L AS F)	05/05/88-05/19/88	0	3	
ROMO0675	No	00951	FLUORIDE, TOTAL (MG/L AS F)	05/15/88-06/27/88	0	2	
ROMO0001	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/15/85-09/15/85	0	1	
ROMO0003	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/28/87-10/06/87	0	6	
ROMO0004	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/01/87-10/01/87	0	2	
ROMO0005	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/06/85-10/06/85	0	1	
ROMO0015	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/15/85-09/15/85	0	1	
ROMO0017	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/26/70-09/20/73	2	3	
ROMO0018	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/12/85-09/12/85	0	1	
ROMO0025	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/02/85-10/02/85	0	1	
ROMO0034	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/22/73-10/01/96	23	106	T,S
ROMO0035	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/04/85-10/04/85	0	1	
ROMO0046	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/04/85-10/04/85	0	1	
ROMO0047	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	11/06/75-11/06/75	0	1	
ROMO0059	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	04/21/41-05/19/41	0	2	
ROMO0060	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	02/14/89-03/05/97	8	42	
ROMO0063	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/22/73-10/02/96	23	107	T,S
ROMO0068	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/14/75-08/14/75	0	1	
ROMO0069	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	1	
ROMO0070	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/10/85-10/10/85	0	1	
ROMO0071	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/02/85-10/02/85	0	1	
ROMO0074	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	1	
ROMO0076	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/18/87-08/18/87	0	4	
ROMO0081	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/03/75-10/03/75	0	1	
ROMO0082	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/21/87-10/01/87	0	14	
ROMO0086	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	02/17/93-10/04/95	2	62	
ROMO0088	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/04/85-10/04/85	0	1	
ROMO0091	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	1	
ROMO0093	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	1	
ROMO0095	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/02/85-10/02/85	0	1	
ROMO0096	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	1	
ROMO0099	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	1	
ROMO0102	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	1	
ROMO0103	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	1	
ROMO0104	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	2	
ROMO0106	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	1	
ROMO0107	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/02/85-10/02/85	0	1	
ROMO0109	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	1	
ROMO0110	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	11/27/73-11/27/73	0	1	
ROMO0112	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	1	
ROMO0113	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	1	
ROMO0119	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	1	
ROMO0120	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	1	
ROMO0122	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	1	
ROMO0130	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/08/74-07/08/74	0	1	
ROMO0135	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/10/85-10/10/85	0	1	
ROMO0137	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/09/87-10/21/87	0	18	
ROMO0138	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/22/73-08/22/73	0	2	
ROMO0159	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/02/85-10/02/85	0	1	
ROMO0163	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/02/85-10/02/85	0	1	
ROMO0168	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/02/74-08/27/74	0	2	
ROMO0170	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	1	
ROMO0171	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/23/87-09/18/89	1	32	
ROMO0173	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/24/87-07/24/87	0	4	
ROMO0174	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/06/93-08/15/95	1	3	
ROMO0175	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/15/95-08/15/95	0	1	
ROMO0177	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/15/95-08/15/95	0	1	
ROMO0178	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/30/94-08/30/94	0	1	
ROMO0179	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/06/93-08/15/95	1	3	
ROMO0180	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/02/74-08/27/74	0	2	
ROMO0182	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	1	
ROMO0183	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	1	
ROMO0185	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/10/85-10/10/85	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0186	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	1	
ROMO0189	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/15/95-08/15/95	0	1	
ROMO0190	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/15/95-08/15/95	0	1	
ROMO0193	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/01/74-09/11/74	0	2	
ROMO0195	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	1	
ROMO0196	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	1	
ROMO0198	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	1	
ROMO0200	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	1	
ROMO0202	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/30/94-08/15/95	0	2	
ROMO0203	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	1	
ROMO0205	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	1	
ROMO0206	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/25/91-09/25/91	0	1	
ROMO0207	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/25/91-09/25/91	0	1	
ROMO0208	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/25/91-09/25/91	0	1	
ROMO0209	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/25/91-09/25/91	0	1	
ROMO0210	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/25/91-09/25/91	0	1	
ROMO0211	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/25/91-09/25/91	0	1	
ROMO0212	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/25/91-09/25/91	0	1	
ROMO0215	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	06/28/74-09/11/74	0	2	
ROMO0217	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	1	
ROMO0218	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/19/83-10/07/97	14	55	
ROMO0219	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/13/91-10/07/97	6	16	
ROMO0221	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	04/16/83-08/24/88	5	19	
ROMO0222	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	04/16/83-04/17/97	14	70	
ROMO0223	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	11/02/82-04/17/97	14	76	
ROMO0224	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	1	
ROMO0225	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/25/91-09/25/91	0	1	
ROMO0227	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/13/91-09/29/92	1	3	
ROMO0230	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	06/12/84-08/14/84	0	2	
ROMO0231	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/25/91-09/25/91	0	1	
ROMO0234	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	06/07/83-10/07/97	14	70	
ROMO0235	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	1	
ROMO0237	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/25/91-09/25/91	0	1	
ROMO0239	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	1	
ROMO0240	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/20/82-10/10/84	1	11	
ROMO0242	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/25/91-09/25/91	0	1	
ROMO0243	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	04/16/83-08/24/88	5	46	
ROMO0244	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	04/16/83-05/29/84	1	15	
ROMO0245	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/20/82-06/17/97	14	58	
ROMO0246	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/20/94-08/15/95	1	4	
ROMO0249	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/02/91-09/04/91	0	6	
ROMO0250	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/09/91-09/11/91	0	9	
ROMO0255	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	01/05/88-07/19/88	0	2	
ROMO0256	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/20/82-10/07/97	14	63	
ROMO0257	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	1	
ROMO0258	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/25/91-09/25/91	0	1	
ROMO0260	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/02/91-09/25/91	0	12	
ROMO0262	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/26/91-09/26/91	0	1	
ROMO0263	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/06/93-08/15/95	1	5	
ROMO0264	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/26/91-09/26/91	0	1	
ROMO0265	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/26/91-09/26/91	0	1	
ROMO0266	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/28/91-09/28/91	0	1	
ROMO0267	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	1	
ROMO0268	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	05/05/92-09/24/98	6	369	
ROMO0270	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/28/91-09/28/91	0	1	
ROMO0271	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/26/91-09/26/91	0	1	
ROMO0272	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/26/91-09/26/91	0	1	
ROMO0274	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/26/91-09/26/91	0	1	
ROMO0275	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/26/91-09/26/91	0	1	
ROMO0278	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/26/91-09/26/91	0	1	
ROMO0279	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	1	
ROMO0281	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/06/93-08/15/95	1	2	
ROMO0282	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/06/93-08/15/95	1	7	
ROMO0283	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/26/91-09/26/91	0	1	
ROMO0284	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/23/93-08/23/93	0	1	
ROMO0286	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/05/83-10/07/97	14	58	
ROMO0287	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/21/82-10/21/82	0	1	
ROMO0288	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	1	
ROMO0290	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	1	
ROMO0291	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	06/21/88-07/29/97	9	5	
ROMO0292	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	1	
ROMO0293	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/06/93-08/15/95	1	5	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0294	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/10/85-10/10/85	0	1	
ROMO0295	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	1	
ROMO0296	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	1	
ROMO0298	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	2	
ROMO0301	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	06/21/88-10/11/88	0	2	
ROMO0302	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	04/15/92-09/24/98	6	442	
ROMO0305	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/06/93-08/15/95	1	5	
ROMO0307	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	1	
ROMO0308	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/21/82-10/07/97	14	123	
ROMO0309	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/27/87-10/27/87	0	2	
ROMO0310	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	1	
ROMO0311	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	1	
ROMO0313	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	04/04/83-11/13/88	5	23	
ROMO0314	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	04/04/83-03/18/97	13	80	
ROMO0315	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/21/82-12/23/97	15	99	
ROMO0316	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/21/82-10/21/82	0	1	
ROMO0317	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/23/88-08/23/88	0	1	
ROMO0318	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/16/90-10/16/90	0	1	
ROMO0320	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	12/08/87-05/12/92	4	12	
ROMO0322	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/10/85-10/10/85	0	1	
ROMO0323	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/27/87-10/27/87	0	2	
ROMO0324	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	04/30/95-08/21/95	0	5	
ROMO0325	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/21/82-12/30/97	15	554	A
ROMO0326	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	1	
ROMO0328	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	12/08/82-10/07/97	14	52	
ROMO0331	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	1	
ROMO0332	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	1	
ROMO0333	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	1	
ROMO0334	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/20/81-07/16/97	15	20	
ROMO0335	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/10/83-08/10/83	0	1	
ROMO0336	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/10/83-07/13/88	4	4	
ROMO0337	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/06/81-07/13/88	7	14	
ROMO0338	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/10/85-10/10/85	0	1	
ROMO0339	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/06/93-08/15/95	1	6	
ROMO0344	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/04/85-10/04/85	0	1	
ROMO0347	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/21/87-07/21/87	0	2	
ROMO0349	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	2	
ROMO0351	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/20/74-08/20/74	0	1	
ROMO0352	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	1	
ROMO0353	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/20/81-09/28/93	12	20	
ROMO0354	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	2	
ROMO0357	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	1	
ROMO0358	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/03/81-07/16/97	15	16	
ROMO0359	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	1	
ROMO0360	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/10/83-08/10/83	0	1	
ROMO0361	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/10/83-08/31/92	9	7	
ROMO0362	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/06/81-08/30/94	13	23	
ROMO0363	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/12/87-09/18/89	2	40	
ROMO0364	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	1	
ROMO0373	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/17/87-11/10/87	0	24	
ROMO0374	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/04/85-10/04/85	0	1	
ROMO0381	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	02/17/93-10/11/95	2	265	
ROMO0382	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/06/94-08/17/95	1	4	
ROMO0386	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/17/95-08/17/95	0	1	
ROMO0392	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/17/95-08/17/95	0	1	
ROMO0394	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/17/95-08/17/95	0	1	
ROMO0397	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/17/95-08/17/95	0	1	
ROMO0404	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	01/26/95-02/18/97	2	28	
ROMO0407	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/31/87-08/31/87	0	2	
ROMO0410	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/11/76-03/10/97	20	177	T,A
ROMO0411	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/17/95-08/17/95	0	1	
ROMO0413	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/17/95-08/17/95	0	1	
ROMO0415	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/17/95-08/17/95	0	1	
ROMO0416	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/06/94-08/17/95	1	3	
ROMO0419	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/06/94-08/17/95	1	2	
ROMO0420	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/06/94-08/17/95	1	2	
ROMO0424	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/11/93-08/17/95	1	6	
ROMO0426	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/11/93-08/17/95	1	4	
ROMO0430	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/21/87-08/08/89	2	7	
ROMO0435	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/04/85-10/04/85	0	1	
ROMO0436	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	02/17/93-10/19/93	0	24	
ROMO0437	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	02/11/93-11/01/94	1	49	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0438	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	02/11/93-10/04/95	2	70	
ROMO0440	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	02/11/93-10/04/95	2	225	
ROMO0441	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/15/74-08/29/74	0	2	
ROMO0444	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/19/93-10/20/94	1	26	
ROMO0447	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	01/04/95-10/04/95	0	11	
ROMO0448	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	02/17/93-11/01/94	1	49	
ROMO0451	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	01/04/95-06/12/95	0	3	
ROMO0459	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/05/74-08/05/74	0	1	
ROMO0466	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/04/85-10/04/85	0	1	
ROMO0470	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/18/75-03/10/97	21	170	T,A
ROMO0472	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/05/87-11/10/87	0	28	
ROMO0474	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	05/09/72-05/09/72	0	1	
ROMO0484	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	06/28/74-09/11/74	0	2	
ROMO0486	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/12/85-09/12/85	0	1	
ROMO0490	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/06/85-10/06/85	0	1	
ROMO0508	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/09/87-07/17/87	0	6	
ROMO0510	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	03/10/94-11/01/94	0	24	
ROMO0513	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/05/74-08/05/74	0	1	
ROMO0518	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/18/74-07/18/74	0	1	
ROMO0521	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	1	
ROMO0525	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/27/74-08/27/74	0	1	
ROMO0528	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/18/74-07/18/74	0	1	
ROMO0530	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/27/87-10/27/87	0	2	
ROMO0533	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	1	
ROMO0535	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	1	
ROMO0537	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/10/74-08/27/74	0	2	
ROMO0538	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	1	
ROMO0540	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	1	
ROMO0543	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	2	
ROMO0544	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	1	
ROMO0545	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	1	
ROMO0547	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	2	
ROMO0548	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	1	
ROMO0553	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	1	
ROMO0554	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	1	
ROMO0555	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	1	
ROMO0556	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	1	
ROMO0557	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	1	
ROMO0558	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	1	
ROMO0559	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	1	
ROMO0561	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	1	
ROMO0563	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	1	
ROMO0564	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	1	
ROMO0565	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	1	
ROMO0566	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	1	
ROMO0567	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	1	
ROMO0568	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	1	
ROMO0569	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	1	
ROMO0570	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	2	
ROMO0572	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	1	
ROMO0573	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/04/85-10/04/85	0	1	
ROMO0574	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	1	
ROMO0575	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	1	
ROMO0576	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	1	
ROMO0577	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	1	
ROMO0578	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	1	
ROMO0579	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	1	
ROMO0580	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	2	
ROMO0582	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	1	
ROMO0584	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	1	
ROMO0585	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	1	
ROMO0587	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	1	
ROMO0588	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	1	
ROMO0589	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	1	
ROMO0590	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	1	
ROMO0591	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/06/85-10/06/85	0	1	
ROMO0592	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	1	
ROMO0594	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	1	
ROMO0597	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	1	
ROMO0598	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	1	
ROMO0600	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	1	
ROMO0601	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0602	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	1	
ROMO0603	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	1	
ROMO0605	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	1	
ROMO0607	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	1	
ROMO0608	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	2	
ROMO0610	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	1	
ROMO0613	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	1	
ROMO0615	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	1	
ROMO0616	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	1	
ROMO0617	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	1	
ROMO0618	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	1	
ROMO0619	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	1	
ROMO0620	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	1	
ROMO0621	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	1	
ROMO0622	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	1	
ROMO0623	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	1	
ROMO0624	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	1	
ROMO0625	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	1	
ROMO0628	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	1	
ROMO0632	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	0	1	
ROMO0644	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/15/81-09/13/97	16	19	
ROMO0651	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/18/81-09/17/94	13	8	
ROMO0653	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/26/83-08/31/91	8	3	
ROMO0654	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/26/83-08/03/88	5	4	
ROMO0655	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/09/81-09/30/93	12	15	
ROMO0659	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/25/90-08/31/91	1	2	
ROMO0660	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/25/83-08/31/91	8	3	
ROMO0661	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/25/83-08/03/88	5	4	
ROMO0662	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/09/81-09/13/97	16	21	
ROMO0663	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	07/15/81-09/30/93	12	12	
ROMO0668	Yes	00955	SILICA, DISSOLVED (MG/L AS SI02)	10/04/85-10/04/85	0	1	
ROMO0671	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/11/85-09/11/85	0	1	
ROMO0514	Yes	00956	SILICA, TOTAL (MG/L AS SI02)	06/01/88-06/16/88	0	3	
ROMO0519	Yes	00956	SILICA, TOTAL (MG/L AS SI02)	05/25/88-06/16/88	0	4	
ROMO0524	Yes	00956	SILICA, TOTAL (MG/L AS SI02)	05/25/88-06/16/88	0	4	
ROMO0675	No	00956	SILICA, TOTAL (MG/L AS SI02)	05/23/88-06/27/88	0	6	
ROMO0011	No	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	09/13/90-09/13/90	0	2	
ROMO0020	No	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	08/21/90-08/21/90	0	4	
ROMO0024	No	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	09/30/96-09/09/97	0	5	
ROMO0026	No	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	09/13/90-09/13/90	0	1	
ROMO0028	No	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	09/13/90-09/13/90	0	2	
ROMO0131	No	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	09/14/90-09/14/90	0	1	
ROMO0133	No	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	08/21/90-09/14/90	0	3	
ROMO0141	No	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	09/02/92-08/26/93	0	2	
ROMO0142	No	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	07/14/93-09/27/93	0	2	
ROMO0151	No	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	08/20/90-08/20/90	0	2	
ROMO0460	No	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	09/30/96-09/09/97	0	4	
ROMO0483	No	00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	12/17/71-06/22/88	16	82	
ROMO0483	No	00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE UG/L	05/11/79-11/23/81	2	6	
ROMO0009	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/21/66-11/08/66	0	2	
ROMO0024	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	09/30/96-09/09/97	0	5	
ROMO0047	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	11/06/75-11/06/75	0	1	
ROMO0068	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/14/75-08/14/75	0	1	
ROMO0081	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/03/75-10/03/75	0	1	
ROMO0084	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	09/07/66-11/08/66	0	3	
ROMO0152	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	09/07/66-09/07/66	0	1	
ROMO0404	Yes	01000	ARSENIC, DISSOLVED (UG/L AS AS)	09/13/95-05/13/96	0	2	
ROMO0460	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	09/30/96-09/09/97	0	4	
ROMO0474	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	05/09/72-05/09/72	0	1	
ROMO0483	No	01002	ARSENIC, TOTAL (UG/L AS AS)	12/17/71-05/19/83	11	31	
ROMO0034	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	05/24/89-10/01/96	7	104	
ROMO0047	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	11/06/75-11/06/75	0	1	
ROMO0060	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	02/14/89-03/05/97	8	42	
ROMO0063	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	05/24/89-10/02/96	7	105	
ROMO0068	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	08/14/75-08/14/75	0	1	
ROMO0081	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	10/03/75-10/03/75	0	1	
ROMO0365	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	06/14/88-11/08/88	0	13	
ROMO0368	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	07/13/88-10/11/88	0	4	
ROMO0379	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	06/14/88-11/08/88	0	12	
ROMO0387	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	06/14/88-10/11/88	0	8	
ROMO0404	Yes	01005	BARIUM, DISSOLVED (UG/L AS BA)	09/13/95-05/13/96	0	2	
ROMO0410	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	01/10/89-03/10/97	8	42	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0470	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	03/13/89-03/10/97	7	23	
ROMO0034	No	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	05/24/89-10/01/96	7	104	
ROMO0060	No	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	02/14/89-03/05/97	8	42	
ROMO0063	No	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	05/24/89-10/02/96	7	105	
ROMO0404	Yes	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	09/13/95-05/13/96	0	2	
ROMO0410	No	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	01/10/89-03/10/97	8	42	
ROMO0470	No	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	03/13/89-03/10/97	7	23	
ROMO0017	No	01020	BORON, DISSOLVED (UG/L AS B)	10/26/70-10/26/70	0	1	
ROMO0034	No	01020	BORON, DISSOLVED (UG/L AS B)	05/24/89-10/01/96	7	104	
ROMO0059	No	01020	BORON, DISSOLVED (UG/L AS B)	04/21/41-07/02/49	8	3	
ROMO0063	No	01020	BORON, DISSOLVED (UG/L AS B)	05/24/89-10/02/96	7	105	
ROMO0365	Yes	01020	BORON, DISSOLVED (UG/L AS B)	06/14/88-11/08/88	0	13	
ROMO0368	Yes	01020	BORON, DISSOLVED (UG/L AS B)	07/13/88-10/11/88	0	4	
ROMO0379	Yes	01020	BORON, DISSOLVED (UG/L AS B)	06/14/88-11/08/88	0	12	
ROMO0387	Yes	01020	BORON, DISSOLVED (UG/L AS B)	06/14/88-10/11/88	0	8	
ROMO0410	No	01020	BORON, DISSOLVED (UG/L AS B)	01/10/89-03/10/97	8	42	
ROMO0470	No	01020	BORON, DISSOLVED (UG/L AS B)	03/13/89-03/10/97	7	23	
ROMO0483	No	01022	BORON, TOTAL (UG/L AS B)	12/17/71-11/23/81	9	29	
ROMO0009	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/21/66-11/08/66	0	2	
ROMO0016	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	06/20/72-09/20/73	1	6	
ROMO0020	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/21/90-08/21/90	0	4	
ROMO0024	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	09/30/96-09/09/97	0	5	
ROMO0034	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	06/15/78-10/01/96	18	126	T
ROMO0047	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	11/06/75-11/06/75	0	1	
ROMO0060	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	06/25/81-03/05/97	15	85	
ROMO0063	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	05/24/89-10/02/96	7	105	
ROMO0068	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/14/75-08/14/75	0	1	
ROMO0081	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/03/75-10/03/75	0	1	
ROMO0084	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/25/66-11/08/66	0	2	
ROMO0133	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/21/90-08/21/90	0	2	
ROMO0141	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	09/02/92-08/26/93	0	2	
ROMO0142	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	07/14/93-09/27/93	0	2	
ROMO0151	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/20/90-08/20/90	0	2	
ROMO0365	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	06/14/88-11/08/88	0	13	
ROMO0368	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	07/13/88-10/11/88	0	4	
ROMO0379	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	06/14/88-11/08/88	0	12	
ROMO0387	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	06/14/88-10/11/88	0	8	
ROMO0404	Yes	01025	CADMIUM, DISSOLVED (UG/L AS CD)	09/13/95-05/13/96	0	2	
ROMO0410	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	05/10/78-03/10/97	18	84	
ROMO0460	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	09/30/96-09/09/97	0	4	
ROMO0470	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	03/13/89-03/10/97	7	23	
ROMO0474	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	05/09/72-05/09/72	0	1	
ROMO0483	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/04/88-04/02/92	3	21	
ROMO0016	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	06/20/72-09/20/73	1	6	
ROMO0034	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/24/89-10/01/96	7	104	
ROMO0060	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	02/14/89-03/05/97	8	41	
ROMO0063	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/24/89-10/02/96	7	105	
ROMO0365	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	06/14/88-11/08/88	0	13	
ROMO0368	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/13/88-10/11/88	0	4	
ROMO0379	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	06/14/88-11/08/88	0	12	
ROMO0387	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	06/14/88-10/11/88	0	8	
ROMO0404	Yes	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/13/95-05/13/96	0	2	
ROMO0410	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	01/10/89-03/10/97	8	42	
ROMO0470	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	03/13/89-03/10/97	7	23	
ROMO0483	No	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	12/17/71-12/23/76	5	15	
ROMO0034	No	01035	COBALT, DISSOLVED (UG/L AS CO)	05/24/89-10/01/96	7	104	
ROMO0060	No	01035	COBALT, DISSOLVED (UG/L AS CO)	02/14/89-03/05/97	8	42	
ROMO0063	No	01035	COBALT, DISSOLVED (UG/L AS CO)	05/24/89-10/02/96	7	105	
ROMO0404	Yes	01035	COBALT, DISSOLVED (UG/L AS CO)	09/13/95-05/13/96	0	2	
ROMO0410	No	01035	COBALT, DISSOLVED (UG/L AS CO)	01/10/89-03/10/97	8	42	
ROMO0470	No	01035	COBALT, DISSOLVED (UG/L AS CO)	03/13/89-03/10/97	7	23	
ROMO0410	No	01037	COBALT, TOTAL (UG/L AS CO)	02/05/86-02/05/86	0	1	
ROMO0009	No	01040	COPPER, DISSOLVED (UG/L AS CU)	10/21/66-11/08/66	0	2	
ROMO0016	No	01040	COPPER, DISSOLVED (UG/L AS CU)	06/20/72-09/20/73	1	6	
ROMO0020	No	01040	COPPER, DISSOLVED (UG/L AS CU)	08/21/90-08/21/90	0	4	
ROMO0024	No	01040	COPPER, DISSOLVED (UG/L AS CU)	09/30/96-09/09/97	0	5	
ROMO0034	No	01040	COPPER, DISSOLVED (UG/L AS CU)	06/15/78-10/01/96	18	127	T
ROMO0047	No	01040	COPPER, DISSOLVED (UG/L AS CU)	11/06/75-11/06/75	0	1	
ROMO0060	No	01040	COPPER, DISSOLVED (UG/L AS CU)	06/25/81-03/05/97	15	86	
ROMO0063	No	01040	COPPER, DISSOLVED (UG/L AS CU)	05/24/89-10/02/96	7	105	
ROMO0068	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	08/14/75-08/14/75	0	1	
ROMO0081	No	01040	COPPER, DISSOLVED (UG/L AS CU)	10/03/75-10/03/75	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0084	No	01040	COPPER, DISSOLVED (UG/L AS CU)	10/25/66-11/08/66	0	2	
ROMO0133	No	01040	COPPER, DISSOLVED (UG/L AS CU)	08/21/90-08/21/90	0	2	
ROMO0141	No	01040	COPPER, DISSOLVED (UG/L AS CU)	09/02/92-08/26/93	0	2	
ROMO0142	No	01040	COPPER, DISSOLVED (UG/L AS CU)	07/14/93-09/27/93	0	2	
ROMO0151	No	01040	COPPER, DISSOLVED (UG/L AS CU)	08/20/90-08/20/90	0	2	
ROMO0365	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	06/14/88-11/08/88	0	13	
ROMO0368	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	07/13/88-10/11/88	0	4	
ROMO0379	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	06/14/88-11/08/88	0	12	
ROMO0387	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	06/14/88-10/11/88	0	8	
ROMO0404	Yes	01040	COPPER, DISSOLVED (UG/L AS CU)	09/13/95-05/13/96	0	2	
ROMO0410	No	01040	COPPER, DISSOLVED (UG/L AS CU)	05/10/78-03/10/97	18	84	
ROMO0460	No	01040	COPPER, DISSOLVED (UG/L AS CU)	09/30/96-09/09/97	0	4	
ROMO0470	No	01040	COPPER, DISSOLVED (UG/L AS CU)	03/13/89-03/10/97	7	23	
ROMO0474	No	01040	COPPER, DISSOLVED (UG/L AS CU)	05/09/72-05/09/72	0	1	
ROMO0483	No	01040	COPPER, DISSOLVED (UG/L AS CU)	08/04/88-04/02/92	3	21	
ROMO0009	No	01045	IRON, TOTAL (UG/L AS FE)	09/07/66-11/08/66	0	3	
ROMO0084	No	01045	IRON, TOTAL (UG/L AS FE)	09/07/66-11/08/66	0	3	
ROMO0152	Yes	01045	IRON, TOTAL (UG/L AS FE)	09/07/66-09/07/66	0	1	
ROMO0483	No	01045	IRON, TOTAL (UG/L AS FE)	05/19/83-05/19/83	0	1	
ROMO0003	No	01046	IRON, DISSOLVED (UG/L AS FE)	08/28/87-10/06/87	0	6	
ROMO0004	No	01046	IRON, DISSOLVED (UG/L AS FE)	10/01/87-10/01/87	0	2	
ROMO0016	No	01046	IRON, DISSOLVED (UG/L AS FE)	06/20/72-09/20/73	1	6	
ROMO0032	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	09/30/87-09/30/87	0	1	
ROMO0034	No	01046	IRON, DISSOLVED (UG/L AS FE)	08/22/73-10/01/96	23	106	T,S
ROMO0047	No	01046	IRON, DISSOLVED (UG/L AS FE)	11/06/75-11/06/75	0	1	
ROMO0060	No	01046	IRON, DISSOLVED (UG/L AS FE)	02/14/89-03/05/97	8	42	
ROMO0063	No	01046	IRON, DISSOLVED (UG/L AS FE)	08/22/73-10/02/96	23	107	T,S
ROMO0068	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/14/75-08/14/75	0	1	
ROMO0076	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/18/87-08/18/87	0	4	
ROMO0081	No	01046	IRON, DISSOLVED (UG/L AS FE)	10/03/75-10/03/75	0	1	
ROMO0082	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	07/21/87-10/01/87	0	14	
ROMO0110	No	01046	IRON, DISSOLVED (UG/L AS FE)	11/27/73-11/27/73	0	1	
ROMO0130	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	07/08/74-07/08/74	0	1	
ROMO0137	No	01046	IRON, DISSOLVED (UG/L AS FE)	07/09/87-10/21/87	0	18	
ROMO0138	No	01046	IRON, DISSOLVED (UG/L AS FE)	08/22/73-08/22/73	0	2	
ROMO0168	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	07/02/74-08/27/74	0	2	
ROMO0171	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	09/23/87-09/18/89	1	32	
ROMO0173	No	01046	IRON, DISSOLVED (UG/L AS FE)	07/24/87-07/24/87	0	4	
ROMO0180	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	07/02/74-08/27/74	0	2	
ROMO0193	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	07/01/74-09/11/74	0	2	
ROMO0206	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	09/25/91-09/25/91	0	1	
ROMO0207	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	09/25/91-09/25/91	0	1	
ROMO0208	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	09/25/91-09/25/91	0	1	
ROMO0209	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	09/25/91-09/25/91	0	1	
ROMO0210	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	09/25/91-09/25/91	0	1	
ROMO0211	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	09/25/91-09/25/91	0	1	
ROMO0212	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	09/25/91-09/25/91	0	1	
ROMO0215	No	01046	IRON, DISSOLVED (UG/L AS FE)	06/28/74-09/11/74	0	2	
ROMO0218	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	07/19/83-08/19/92	9	37	
ROMO0219	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/13/91-09/29/92	1	3	
ROMO0221	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	04/16/83-08/24/88	5	51	
ROMO0222	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	04/16/83-12/15/92	9	44	
ROMO0223	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	12/06/82-12/15/92	10	67	
ROMO0225	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	09/25/91-09/25/91	0	1	
ROMO0226	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/16/83-12/04/90	7	16	
ROMO0227	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/26/88-09/29/92	4	7	
ROMO0228	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	06/24/86-08/25/87	1	2	
ROMO0229	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/04/87-08/11/87	0	2	
ROMO0230	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	06/12/84-04/23/85	0	4	
ROMO0231	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	09/25/91-09/25/91	0	1	
ROMO0234	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	06/07/83-09/29/92	9	55	
ROMO0237	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	09/25/91-09/25/91	0	1	
ROMO0240	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	06/07/83-10/10/84	1	10	
ROMO0242	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	09/25/91-09/25/91	0	1	
ROMO0243	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	04/16/83-08/24/88	5	41	
ROMO0244	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	04/16/83-05/29/84	1	15	
ROMO0245	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	12/06/82-01/23/90	7	55	
ROMO0249	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	07/02/91-09/04/91	0	6	
ROMO0250	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	07/09/91-09/11/91	0	9	
ROMO0251	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	07/29/83-08/25/87	4	3	
ROMO0255	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	06/24/86-07/19/88	2	3	
ROMO0256	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	06/07/83-07/22/92	9	48	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0258	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	09/25/91-09/25/91	0	1	
ROMO0260	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	07/02/91-09/25/91	0	12	
ROMO0262	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	09/26/91-09/26/91	0	1	
ROMO0264	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	09/26/91-09/26/91	0	1	
ROMO0265	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	09/26/91-09/26/91	0	1	
ROMO0266	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	09/28/91-09/28/91	0	1	
ROMO0270	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	09/28/91-09/28/91	0	1	
ROMO0271	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	09/26/91-09/26/91	0	1	
ROMO0272	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	09/26/91-09/26/91	0	1	
ROMO0274	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	09/26/91-09/26/91	0	1	
ROMO0275	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	09/26/91-09/26/91	0	1	
ROMO0278	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	09/26/91-09/26/91	0	1	
ROMO0283	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	09/26/91-09/26/91	0	1	
ROMO0286	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	07/05/83-07/22/92	9	45	
ROMO0289	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/28/90-08/28/90	0	1	
ROMO0291	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	06/21/88-10/01/91	3	4	
ROMO0301	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/26/87-10/11/88	1	3	
ROMO0308	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	12/07/82-09/29/92	9	95	
ROMO0309	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	10/27/87-10/27/87	0	2	
ROMO0313	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	06/03/83-11/13/88	5	40	
ROMO0314	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	06/10/83-12/08/92	9	50	
ROMO0315	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	12/07/82-02/22/93	10	75	
ROMO0317	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	04/04/83-04/28/92	9	25	
ROMO0318	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	04/25/83-10/16/90	7	9	
ROMO0319	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	04/04/83-02/21/88	4	13	
ROMO0320	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	02/08/83-10/27/92	9	60	
ROMO0321	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	02/08/83-04/28/92	9	19	
ROMO0323	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	10/27/87-10/27/87	0	2	
ROMO0325	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	12/07/82-09/06/93	10	335	A
ROMO0327	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/30/83-08/30/83	0	1	
ROMO0328	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	12/08/82-09/29/92	9	38	
ROMO0334	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/10/83-09/12/91	8	6	
ROMO0335	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/10/83-08/10/83	0	1	
ROMO0336	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/10/83-07/13/88	4	4	
ROMO0337	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/10/83-07/13/88	4	4	
ROMO0347	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	07/21/87-07/21/87	0	2	
ROMO0351	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/20/74-08/20/74	0	1	
ROMO0353	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/10/83-09/12/91	8	6	
ROMO0358	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/10/83-07/13/88	4	4	
ROMO0360	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/10/83-08/10/83	0	1	
ROMO0361	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/10/83-09/12/91	8	6	
ROMO0362	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/10/83-09/12/91	8	6	
ROMO0363	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/12/87-09/18/89	2	40	
ROMO0365	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	06/14/88-11/08/88	0	13	
ROMO0368	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	07/13/88-10/11/88	0	4	
ROMO0373	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	07/17/87-11/10/87	0	24	
ROMO0379	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	06/14/88-11/08/88	0	12	
ROMO0387	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	06/14/88-10/11/88	0	8	
ROMO0404	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	01/26/95-02/18/97	2	28	
ROMO0407	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/31/87-08/31/87	0	2	
ROMO0410	No	01046	IRON, DISSOLVED (UG/L AS FE)	08/11/76-03/10/97	20	178	T,A
ROMO0430	No	01046	IRON, DISSOLVED (UG/L AS FE)	07/21/87-08/08/89	2	7	
ROMO0441	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	07/15/74-08/29/74	0	2	
ROMO0447	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	01/04/95-10/04/95	0	11	
ROMO0451	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	01/04/95-06/12/95	0	3	
ROMO0459	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/05/74-08/05/74	0	1	
ROMO0470	No	01046	IRON, DISSOLVED (UG/L AS FE)	09/18/75-03/10/97	21	170	T,A
ROMO0472	No	01046	IRON, DISSOLVED (UG/L AS FE)	07/05/87-11/10/87	0	28	
ROMO0474	No	01046	IRON, DISSOLVED (UG/L AS FE)	05/09/72-05/09/72	0	1	
ROMO0483	No	01046	IRON, DISSOLVED (UG/L AS FE)	08/04/88-04/02/92	3	21	
ROMO0484	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	06/28/74-09/11/74	0	2	
ROMO0508	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	07/09/87-07/17/87	0	6	
ROMO0513	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/05/74-08/05/74	0	1	
ROMO0518	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	07/18/74-07/18/74	0	1	
ROMO0525	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/27/74-08/27/74	0	1	
ROMO0528	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	07/18/74-07/18/74	0	1	
ROMO0530	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	10/27/87-10/27/87	0	2	
ROMO0537	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	07/10/74-08/27/74	0	2	
ROMO0644	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	07/26/83-08/31/91	8	6	
ROMO0647	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/03/88-08/03/88	0	1	
ROMO0651	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	07/26/83-08/31/91	8	3	
ROMO0653	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	07/26/83-08/31/91	8	3	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0654	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	07/26/83-08/03/88	5	4	
ROMO0655	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	07/26/83-08/03/88	5	4	
ROMO0657	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/11/87-08/11/87	0	1	
ROMO0658	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/11/87-08/11/87	0	2	
ROMO0659	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	08/25/90-08/31/91	1	2	
ROMO0660	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	07/25/83-08/31/91	8	2	
ROMO0661	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	07/25/83-08/03/88	5	3	
ROMO0662	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	07/25/83-08/28/92	9	5	
ROMO0663	Yes	01046	IRON, DISSOLVED (UG/L AS FE)	07/25/83-07/25/83	0	1	
ROMO0009	No	01049	LEAD, DISSOLVED (UG/L AS PB)	09/07/66-11/08/66	0	3	
ROMO0016	No	01049	LEAD, DISSOLVED (UG/L AS PB)	06/20/72-09/20/73	1	6	
ROMO0020	No	01049	LEAD, DISSOLVED (UG/L AS PB)	08/21/90-08/21/90	0	4	
ROMO0024	No	01049	LEAD, DISSOLVED (UG/L AS PB)	09/30/96-09/09/97	0	5	
ROMO0034	No	01049	LEAD, DISSOLVED (UG/L AS PB)	11/13/73-10/01/96	22	133	T,S
ROMO0047	No	01049	LEAD, DISSOLVED (UG/L AS PB)	11/06/75-11/06/75	0	1	
ROMO0060	No	01049	LEAD, DISSOLVED (UG/L AS PB)	06/25/81-03/05/97	15	86	
ROMO0063	No	01049	LEAD, DISSOLVED (UG/L AS PB)	11/13/73-10/02/96	22	111	T,S
ROMO0068	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	08/14/75-08/14/75	0	1	
ROMO0081	No	01049	LEAD, DISSOLVED (UG/L AS PB)	10/03/75-10/03/75	0	1	
ROMO0084	No	01049	LEAD, DISSOLVED (UG/L AS PB)	09/07/66-11/08/66	0	3	
ROMO0133	No	01049	LEAD, DISSOLVED (UG/L AS PB)	08/21/90-08/21/90	0	2	
ROMO0138	No	01049	LEAD, DISSOLVED (UG/L AS PB)	11/13/73-06/04/75	1	6	
ROMO0141	No	01049	LEAD, DISSOLVED (UG/L AS PB)	09/02/92-08/26/93	0	2	
ROMO0142	No	01049	LEAD, DISSOLVED (UG/L AS PB)	07/14/93-09/27/93	0	2	
ROMO0151	No	01049	LEAD, DISSOLVED (UG/L AS PB)	08/20/90-08/20/90	0	2	
ROMO0152	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	09/07/66-09/07/66	0	1	
ROMO0365	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	06/14/88-11/08/88	0	13	
ROMO0368	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	07/13/88-10/11/88	0	4	
ROMO0379	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	06/14/88-11/08/88	0	12	
ROMO0387	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	06/14/88-10/11/88	0	8	
ROMO0404	Yes	01049	LEAD, DISSOLVED (UG/L AS PB)	09/13/95-05/13/96	0	2	
ROMO0410	No	01049	LEAD, DISSOLVED (UG/L AS PB)	05/10/78-03/10/97	18	84	
ROMO0460	No	01049	LEAD, DISSOLVED (UG/L AS PB)	09/30/96-09/09/97	0	4	
ROMO0470	No	01049	LEAD, DISSOLVED (UG/L AS PB)	03/13/89-03/10/97	7	23	
ROMO0474	No	01049	LEAD, DISSOLVED (UG/L AS PB)	05/09/72-05/09/72	0	1	
ROMO0477	No	01049	LEAD, DISSOLVED (UG/L AS PB)	11/16/73-05/08/75	1	6	
ROMO0483	No	01049	LEAD, DISSOLVED (UG/L AS PB)	08/04/88-04/02/92	3	21	
ROMO0009	No	01055	MANGANESE, TOTAL (UG/L AS MN)	10/21/66-11/08/66	0	2	
ROMO0084	No	01055	MANGANESE, TOTAL (UG/L AS MN)	10/25/66-11/08/66	0	2	
ROMO0410	No	01055	MANGANESE, TOTAL (UG/L AS MN)	09/17/96-03/10/97	0	3	
ROMO0470	No	01055	MANGANESE, TOTAL (UG/L AS MN)	11/12/96-03/10/97	0	2	
ROMO0001	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/15/85-09/15/85	0	1	
ROMO0003	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/28/87-10/06/87	0	6	
ROMO0004	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/01/87-10/01/87	0	2	
ROMO0005	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/06/85-10/06/85	0	1	
ROMO0015	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/15/85-09/15/85	0	1	
ROMO0016	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	06/20/72-09/20/73	1	6	
ROMO0018	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/12/85-09/12/85	0	1	
ROMO0024	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/30/96-09/09/97	0	5	
ROMO0025	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/02/85-10/02/85	0	1	
ROMO0034	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/22/73-10/01/96	23	105	T,S
ROMO0035	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/04/85-10/04/85	0	1	
ROMO0046	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/04/85-10/04/85	0	1	
ROMO0047	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	11/06/75-11/06/75	0	1	
ROMO0060	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	02/14/89-03/05/97	8	42	
ROMO0063	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/22/73-10/02/96	23	101	S
ROMO0068	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/14/75-08/14/75	0	1	
ROMO0070	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/10/85-10/10/85	0	1	
ROMO0071	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/02/85-10/02/85	0	1	
ROMO0076	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/18/87-08/18/87	0	4	
ROMO0081	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/03/75-10/03/75	0	1	
ROMO0082	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/21/87-10/01/87	0	14	
ROMO0088	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/04/85-10/04/85	0	1	
ROMO0095	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/02/85-10/02/85	0	1	
ROMO0107	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/02/85-10/02/85	0	1	
ROMO0110	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	11/27/73-11/27/73	0	1	
ROMO0130	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/08/74-07/08/74	0	1	
ROMO0135	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/10/85-10/10/85	0	1	
ROMO0137	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/09/87-10/21/87	0	18	
ROMO0138	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/22/73-08/22/73	0	2	
ROMO0141	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/02/92-08/26/93	0	2	
ROMO0142	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/14/93-09/27/93	0	2	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0159	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/02/85-10/02/85	0	1	
ROMO0163	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/02/85-10/02/85	0	1	
ROMO0168	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/02/74-08/27/74	0	2	
ROMO0171	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/23/87-09/18/89	1	32	
ROMO0173	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/24/87-07/24/87	0	2	
ROMO0180	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/02/74-08/27/74	0	2	
ROMO0185	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/10/85-10/10/85	0	1	
ROMO0193	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/01/74-09/11/74	0	2	
ROMO0206	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/25/91-09/25/91	0	1	
ROMO0207	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/25/91-09/25/91	0	1	
ROMO0208	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/25/91-09/25/91	0	1	
ROMO0209	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/25/91-09/25/91	0	1	
ROMO0210	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/25/91-09/25/91	0	1	
ROMO0211	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/25/91-09/25/91	0	1	
ROMO0212	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/25/91-09/25/91	0	1	
ROMO0215	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	06/28/74-09/11/74	0	2	
ROMO0218	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/19/83-08/19/92	9	41	
ROMO0219	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/13/91-09/29/92	1	3	
ROMO0221	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/16/83-08/24/88	5	19	
ROMO0222	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/16/83-12/15/92	9	57	
ROMO0223	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	12/06/82-12/15/92	10	67	
ROMO0225	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/25/91-09/25/91	0	1	
ROMO0226	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	01/21/86-03/31/87	1	5	
ROMO0227	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/26/88-09/29/92	4	2	
ROMO0230	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	06/12/84-08/14/84	0	2	
ROMO0231	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/25/91-09/25/91	0	1	
ROMO0234	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	06/07/83-09/29/92	9	57	
ROMO0237	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/25/91-09/25/91	0	1	
ROMO0240	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	06/07/83-10/10/84	1	10	
ROMO0242	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/25/91-09/25/91	0	1	
ROMO0243	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/16/83-08/24/88	5	45	
ROMO0244	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/16/83-05/29/84	1	15	
ROMO0245	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	12/06/82-01/23/90	7	56	
ROMO0249	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/02/91-09/04/91	0	6	
ROMO0250	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/09/91-09/11/91	0	9	
ROMO0251	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	01/23/86-01/23/86	0	1	
ROMO0255	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	01/05/88-07/19/88	0	2	
ROMO0256	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	06/07/83-07/22/92	9	48	
ROMO0258	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/25/91-09/25/91	0	1	
ROMO0260	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/02/91-09/25/91	0	12	
ROMO0262	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/26/91-09/26/91	0	1	
ROMO0264	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/26/91-09/26/91	0	1	
ROMO0265	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/26/91-09/26/91	0	1	
ROMO0266	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/28/91-09/28/91	0	1	
ROMO0270	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/28/91-09/28/91	0	1	
ROMO0271	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/26/91-09/26/91	0	1	
ROMO0272	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/26/91-09/26/91	0	1	
ROMO0274	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/26/91-09/26/91	0	1	
ROMO0275	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/26/91-09/26/91	0	1	
ROMO0278	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/26/91-09/26/91	0	1	
ROMO0283	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/26/91-09/26/91	0	1	
ROMO0286	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/05/83-07/22/92	9	45	
ROMO0291	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	06/21/88-10/01/91	3	4	
ROMO0294	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/10/85-10/10/85	0	1	
ROMO0301	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/11/88-10/11/88	0	1	
ROMO0308	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	12/07/82-09/29/92	9	110	
ROMO0309	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/27/87-10/27/87	0	2	
ROMO0313	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/04/83-11/13/88	5	23	
ROMO0314	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/04/83-05/04/93	10	75	
ROMO0315	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	12/07/82-05/04/93	10	91	
ROMO0317	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/23/88-08/23/88	0	1	
ROMO0318	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/26/87-09/24/87	0	2	
ROMO0320	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/18/87-05/12/92	4	15	
ROMO0321	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	02/21/88-12/11/90	2	5	
ROMO0322	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/10/85-10/10/85	0	1	
ROMO0323	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/27/87-10/27/87	0	2	
ROMO0325	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	12/07/82-05/11/93	10	368	A
ROMO0328	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	12/08/82-09/29/92	9	39	
ROMO0334	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/10/83-09/12/91	8	6	
ROMO0335	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/10/83-08/10/83	0	1	
ROMO0336	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/10/83-07/13/88	4	4	
ROMO0337	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/10/83-07/13/88	4	4	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0338	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/10/85-10/10/85	0	1	
ROMO0344	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/04/85-10/04/85	0	1	
ROMO0347	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/21/87-07/21/87	0	2	
ROMO0351	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/20/74-08/20/74	0	1	
ROMO0353	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/10/83-09/12/91	8	6	
ROMO0358	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/10/83-07/13/88	4	4	
ROMO0360	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/10/83-08/10/83	0	1	
ROMO0361	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/10/83-09/12/91	8	6	
ROMO0362	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/10/83-09/12/91	8	6	
ROMO0363	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/12/87-09/18/89	2	40	
ROMO0365	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	06/14/88-11/08/88	0	13	
ROMO0368	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/13/88-10/11/88	0	4	
ROMO0373	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/17/87-11/10/87	0	24	
ROMO0374	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/04/85-10/04/85	0	1	
ROMO0379	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	06/14/88-11/08/88	0	12	
ROMO0387	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	06/14/88-10/11/88	0	8	
ROMO0404	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	01/26/95-02/18/97	2	28	
ROMO0407	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/31/87-08/31/87	0	2	
ROMO0410	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/11/76-03/10/97	20	178	T,A
ROMO0430	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/21/87-08/08/89	2	7	
ROMO0435	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/04/85-10/04/85	0	1	
ROMO0441	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/15/74-08/29/74	0	2	
ROMO0447	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	01/04/95-10/04/95	0	11	
ROMO0451	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	01/04/95-06/12/95	0	3	
ROMO0459	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/05/74-08/05/74	0	1	
ROMO0460	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/30/96-09/09/97	0	4	
ROMO0466	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/04/85-10/04/85	0	1	
ROMO0470	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/18/75-03/10/97	21	170	T,A
ROMO0472	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/05/87-11/10/87	0	28	
ROMO0474	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/09/72-05/09/72	0	1	
ROMO0483	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/04/88-04/02/92	3	21	
ROMO0484	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	06/28/74-09/11/74	0	2	
ROMO0486	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/12/85-09/12/85	0	1	
ROMO0490	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/06/85-10/06/85	0	1	
ROMO0508	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/09/87-07/17/87	0	6	
ROMO0513	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/05/74-08/05/74	0	1	
ROMO0518	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/18/74-07/18/74	0	1	
ROMO0525	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/27/74-08/27/74	0	1	
ROMO0528	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/18/74-07/18/74	0	1	
ROMO0530	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/27/87-10/27/87	0	2	
ROMO0537	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/10/74-08/27/74	0	2	
ROMO0573	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/04/85-10/04/85	0	1	
ROMO0591	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/06/85-10/06/85	0	1	
ROMO0644	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/26/83-08/31/91	8	6	
ROMO0651	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/26/83-08/31/91	8	3	
ROMO0653	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/26/83-08/31/91	8	3	
ROMO0654	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/26/83-08/03/88	5	4	
ROMO0655	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/26/83-08/03/88	5	4	
ROMO0658	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/11/87-08/11/87	0	1	
ROMO0659	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/25/90-08/31/91	1	2	
ROMO0660	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/25/83-08/31/91	8	3	
ROMO0661	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/25/83-08/03/88	5	4	
ROMO0662	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/25/83-08/31/91	8	6	
ROMO0663	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/25/83-07/25/83	0	1	
ROMO0668	Yes	01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/04/85-10/04/85	0	1	
ROMO0671	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/11/85-09/11/85	0	1	
ROMO0034	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	05/24/89-10/01/96	7	104	
ROMO0047	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	11/06/75-11/06/75	0	1	
ROMO0060	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	02/14/89-03/05/97	8	42	
ROMO0063	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	05/24/89-10/02/96	7	105	
ROMO0068	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	08/14/75-08/14/75	0	1	
ROMO0081	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	10/03/75-10/03/75	0	1	
ROMO0365	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	06/14/88-11/08/88	0	13	
ROMO0368	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/13/88-10/11/88	0	4	
ROMO0379	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	06/14/88-11/08/88	0	12	
ROMO0387	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	06/14/88-10/11/88	0	8	
ROMO0404	Yes	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	09/13/95-05/13/96	0	2	
ROMO0410	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	01/10/89-03/10/97	8	42	
ROMO0470	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	03/13/89-03/10/97	7	23	
ROMO0009	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	10/21/66-11/08/66	0	2	
ROMO0034	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	11/13/73-10/01/96	22	133	T,S
ROMO0060	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	06/25/81-03/05/97	15	85	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0063	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	11/13/73-10/02/96	22	111	T,S
ROMO0084	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	10/25/66-11/08/66	0	2	
ROMO0138	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	11/13/73-06/04/75	1	6	
ROMO0365	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	06/14/88-11/08/88	0	13	
ROMO0368	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	07/13/88-10/11/88	0	4	
ROMO0379	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	06/14/88-11/08/88	0	12	
ROMO0387	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	06/14/88-10/11/88	0	8	
ROMO0404	Yes	01065	NICKEL, DISSOLVED (UG/L AS NI)	09/13/95-05/13/96	0	2	
ROMO0410	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	05/10/78-03/10/97	18	84	
ROMO0470	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	03/13/89-03/10/97	7	23	
ROMO0477	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	11/16/73-05/08/75	1	6	
ROMO0410	No	01067	NICKEL, TOTAL (UG/L AS NI)	02/05/86-02/05/86	0	1	
ROMO0483	No	01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	06/13/78-11/23/81	3	8	
ROMO0006	No	01075	SILVER, DISSOLVED (UG/L AS AG)	05/21/91-05/21/91	0	1	
ROMO0020	No	01075	SILVER, DISSOLVED (UG/L AS AG)	08/21/90-08/21/90	0	3	
ROMO0024	No	01075	SILVER, DISSOLVED (UG/L AS AG)	09/30/96-09/09/97	0	5	
ROMO0034	No	01075	SILVER, DISSOLVED (UG/L AS AG)	05/24/89-10/01/96	7	107	
ROMO0060	No	01075	SILVER, DISSOLVED (UG/L AS AG)	02/14/89-03/05/97	8	41	
ROMO0063	No	01075	SILVER, DISSOLVED (UG/L AS AG)	05/24/89-10/02/96	7	106	
ROMO0133	No	01075	SILVER, DISSOLVED (UG/L AS AG)	08/21/90-08/21/90	0	2	
ROMO0141	No	01075	SILVER, DISSOLVED (UG/L AS AG)	09/02/92-08/26/93	0	2	
ROMO0142	No	01075	SILVER, DISSOLVED (UG/L AS AG)	07/14/93-09/27/93	0	2	
ROMO0151	No	01075	SILVER, DISSOLVED (UG/L AS AG)	08/20/90-08/20/90	0	2	
ROMO0404	Yes	01075	SILVER, DISSOLVED (UG/L AS AG)	05/22/91-05/13/96	4	3	
ROMO0410	No	01075	SILVER, DISSOLVED (UG/L AS AG)	01/10/89-03/10/97	8	42	
ROMO0460	No	01075	SILVER, DISSOLVED (UG/L AS AG)	09/30/96-09/09/97	0	4	
ROMO0470	No	01075	SILVER, DISSOLVED (UG/L AS AG)	03/13/89-03/10/97	7	23	
ROMO0483	No	01075	SILVER, DISSOLVED (UG/L AS AG)	08/04/88-04/02/92	3	19	
ROMO0006	No	01077	SILVER, TOTAL (UG/L AS AG)	05/21/91-09/22/92	1	5	
ROMO0034	No	01077	SILVER, TOTAL (UG/L AS AG)	05/29/91-05/27/92	0	12	
ROMO0063	No	01077	SILVER, TOTAL (UG/L AS AG)	05/30/91-05/28/92	0	12	
ROMO0404	Yes	01077	SILVER, TOTAL (UG/L AS AG)	05/22/91-09/24/92	1	4	
ROMO0410	No	01077	SILVER, TOTAL (UG/L AS AG)	05/13/91-09/16/92	1	4	
ROMO0011	No	01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	09/13/90-09/13/90	0	2	
ROMO0020	No	01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	08/21/90-08/21/90	0	2	
ROMO0026	No	01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	09/13/90-09/13/90	0	1	
ROMO0028	No	01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	09/13/90-09/13/90	0	2	
ROMO0131	No	01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	09/14/90-09/14/90	0	1	
ROMO0133	No	01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	09/14/90-09/14/90	0	1	
ROMO0483	No	01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	03/14/72-06/22/88	16	44	
ROMO0034	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	05/24/89-10/01/96	7	104	
ROMO0060	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	02/14/89-03/05/97	8	42	
ROMO0063	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	05/24/89-10/02/96	7	105	
ROMO0086	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	05/18/95-10/04/95	0	12	
ROMO0174	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/15/95-08/15/95	0	1	
ROMO0175	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/15/95-08/15/95	0	1	
ROMO0177	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/15/95-08/15/95	0	1	
ROMO0179	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/15/95-08/15/95	0	1	
ROMO0189	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/15/95-08/15/95	0	1	
ROMO0190	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/15/95-08/15/95	0	1	
ROMO0202	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/15/95-08/15/95	0	1	
ROMO0246	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/15/95-08/15/95	0	1	
ROMO0263	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/15/95-08/15/95	0	1	
ROMO0268	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	05/22/93-09/24/98	5	212	
ROMO0281	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/15/95-08/15/95	0	1	
ROMO0282	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/15/95-08/15/95	0	1	
ROMO0293	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/15/95-08/15/95	0	1	
ROMO0302	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	05/11/93-09/24/98	5	241	
ROMO0305	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/15/95-08/15/95	0	1	
ROMO0320	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	05/20/86-05/20/86	0	1	
ROMO0324	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	04/30/95-08/21/95	0	5	
ROMO0339	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/15/95-08/15/95	0	1	
ROMO0365	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	06/14/88-11/08/88	0	13	
ROMO0368	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/13/88-10/11/88	0	4	
ROMO0379	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	06/14/88-11/08/88	0	12	
ROMO0381	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	04/20/95-10/11/95	0	21	
ROMO0382	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/17/95-08/17/95	0	1	
ROMO0386	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/17/95-08/17/95	0	1	
ROMO0387	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	06/14/88-10/11/88	0	8	
ROMO0392	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/17/95-08/17/95	0	1	
ROMO0394	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/17/95-08/17/95	0	1	
ROMO0397	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/17/95-08/17/95	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0410	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	01/10/89-03/10/97	8	42	
ROMO0411	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/17/95-08/17/95	0	1	
ROMO0413	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/17/95-08/17/95	0	1	
ROMO0415	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/17/95-08/17/95	0	1	
ROMO0416	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/17/95-08/17/95	0	1	
ROMO0419	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/17/95-08/17/95	0	1	
ROMO0420	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/17/95-08/17/95	0	1	
ROMO0424	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/17/95-08/17/95	0	1	
ROMO0426	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/17/95-08/17/95	0	1	
ROMO0438	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	04/20/95-10/04/95	0	21	
ROMO0440	Yes	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	05/23/95-10/04/95	0	11	
ROMO0470	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	03/13/89-03/10/97	7	23	
ROMO0034	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	05/24/89-10/01/96	7	104	
ROMO0060	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	02/14/89-03/05/97	8	42	
ROMO0063	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	05/24/89-10/02/96	7	105	
ROMO0410	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	01/10/89-03/10/97	8	42	
ROMO0470	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	03/13/89-03/10/97	7	23	
ROMO0009	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	09/07/66-11/08/66	0	3	
ROMO0016	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	06/20/72-09/20/73	1	6	
ROMO0020	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/21/90-08/21/90	0	4	
ROMO0024	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	09/30/96-09/09/97	0	5	
ROMO0034	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	06/15/78-10/01/96	18	127	T
ROMO0047	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	11/06/75-11/06/75	0	1	
ROMO0060	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	06/25/81-03/05/97	15	84	
ROMO0063	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	05/24/89-10/02/96	7	105	
ROMO0068	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/14/75-08/14/75	0	1	
ROMO0081	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	10/03/75-10/03/75	0	1	
ROMO0084	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	09/07/66-11/08/66	0	3	
ROMO0133	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/21/90-08/21/90	0	2	
ROMO0141	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	09/02/92-08/26/93	0	2	
ROMO0142	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/14/93-09/27/93	0	2	
ROMO0151	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/20/90-08/20/90	0	2	
ROMO0152	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	09/07/66-09/07/66	0	1	
ROMO0365	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	06/14/88-11/08/88	0	13	
ROMO0368	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	07/13/88-10/11/88	0	4	
ROMO0379	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	06/14/88-11/08/88	0	12	
ROMO0387	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	06/14/88-10/11/88	0	8	
ROMO0404	Yes	01090	ZINC, DISSOLVED (UG/L AS ZN)	09/13/95-05/13/96	0	2	
ROMO0410	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	05/10/78-03/10/97	18	84	
ROMO0460	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	09/30/96-09/09/97	0	4	
ROMO0470	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	03/13/89-03/10/97	7	23	
ROMO0474	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	05/09/72-05/09/72	0	1	
ROMO0483	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	08/04/88-04/02/92	3	21	
ROMO0011	No	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	09/13/90-09/13/90	0	2	
ROMO0026	No	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	09/13/90-09/13/90	0	1	
ROMO0028	No	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	09/13/90-09/13/90	0	2	
ROMO0131	No	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	09/14/90-09/14/90	0	1	
ROMO0133	No	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	09/14/90-09/14/90	0	1	
ROMO0483	No	01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	12/17/71-06/22/88	16	80	
ROMO0404	Yes	01095	ANTIMONY, DISSOLVED (UG/L AS SB)	09/13/95-05/13/96	0	2	
ROMO0483	No	01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	06/13/78-11/23/81	3	8	
ROMO0001	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	09/15/85-09/15/85	0	1	
ROMO0005	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	10/06/85-10/06/85	0	1	
ROMO0015	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	09/15/85-09/15/85	0	1	
ROMO0018	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	09/12/85-09/12/85	0	1	
ROMO0025	Yes	01105	ALUMINUM, TOTAL (UG/L AS AL)	10/02/85-10/02/85	0	1	
ROMO0035	Yes	01105	ALUMINUM, TOTAL (UG/L AS AL)	10/04/85-10/04/85	0	1	
ROMO0046	Yes	01105	ALUMINUM, TOTAL (UG/L AS AL)	10/04/85-10/04/85	0	1	
ROMO0070	Yes	01105	ALUMINUM, TOTAL (UG/L AS AL)	10/10/85-10/10/85	0	1	
ROMO0071	Yes	01105	ALUMINUM, TOTAL (UG/L AS AL)	10/02/85-10/02/85	0	1	
ROMO0088	Yes	01105	ALUMINUM, TOTAL (UG/L AS AL)	10/04/85-10/04/85	0	1	
ROMO0095	Yes	01105	ALUMINUM, TOTAL (UG/L AS AL)	10/02/85-10/02/85	0	1	
ROMO0107	Yes	01105	ALUMINUM, TOTAL (UG/L AS AL)	10/02/85-10/02/85	0	1	
ROMO0135	Yes	01105	ALUMINUM, TOTAL (UG/L AS AL)	10/10/85-10/10/85	0	1	
ROMO0159	Yes	01105	ALUMINUM, TOTAL (UG/L AS AL)	10/02/85-10/02/85	0	1	
ROMO0163	Yes	01105	ALUMINUM, TOTAL (UG/L AS AL)	10/02/85-10/02/85	0	1	
ROMO0185	Yes	01105	ALUMINUM, TOTAL (UG/L AS AL)	10/10/85-10/10/85	0	1	
ROMO0294	Yes	01105	ALUMINUM, TOTAL (UG/L AS AL)	10/10/85-10/10/85	0	1	
ROMO0322	Yes	01105	ALUMINUM, TOTAL (UG/L AS AL)	10/10/85-10/10/85	0	1	
ROMO0338	Yes	01105	ALUMINUM, TOTAL (UG/L AS AL)	10/10/85-10/10/85	0	1	
ROMO0344	Yes	01105	ALUMINUM, TOTAL (UG/L AS AL)	10/04/85-10/04/85	0	1	
ROMO0374	Yes	01105	ALUMINUM, TOTAL (UG/L AS AL)	10/04/85-10/04/85	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0405	Yes	01105	ALUMINUM, TOTAL (UG/L AS AL)	06/22/88-06/22/88	0	1	
ROMO0408	Yes	01105	ALUMINUM, TOTAL (UG/L AS AL)	06/22/88-06/22/88	0	1	
ROMO0435	Yes	01105	ALUMINUM, TOTAL (UG/L AS AL)	10/04/85-10/04/85	0	1	
ROMO0466	Yes	01105	ALUMINUM, TOTAL (UG/L AS AL)	10/04/85-10/04/85	0	1	
ROMO0486	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	09/12/85-09/12/85	0	1	
ROMO0490	Yes	01105	ALUMINUM, TOTAL (UG/L AS AL)	10/06/85-10/06/85	0	1	
ROMO0514	Yes	01105	ALUMINUM, TOTAL (UG/L AS AL)	06/01/88-06/16/88	0	3	
ROMO0519	Yes	01105	ALUMINUM, TOTAL (UG/L AS AL)	05/05/88-06/16/88	0	7	
ROMO0524	Yes	01105	ALUMINUM, TOTAL (UG/L AS AL)	05/05/88-06/16/88	0	7	
ROMO0573	Yes	01105	ALUMINUM, TOTAL (UG/L AS AL)	10/04/85-10/04/85	0	1	
ROMO0591	Yes	01105	ALUMINUM, TOTAL (UG/L AS AL)	10/06/85-10/06/85	0	1	
ROMO0652	Yes	01105	ALUMINUM, TOTAL (UG/L AS AL)	06/22/88-06/22/88	0	1	
ROMO0668	Yes	01105	ALUMINUM, TOTAL (UG/L AS AL)	10/04/85-10/04/85	0	1	
ROMO0671	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	09/11/85-09/11/85	0	1	
ROMO0675	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	05/15/88-06/27/88	0	7	
ROMO0206	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/25/91-09/25/91	0	1	
ROMO0207	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/25/91-09/25/91	0	1	
ROMO0208	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/25/91-09/25/91	0	1	
ROMO0209	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/25/91-09/25/91	0	1	
ROMO0210	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/25/91-09/25/91	0	1	
ROMO0211	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/25/91-09/25/91	0	1	
ROMO0212	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/25/91-09/25/91	0	1	
ROMO0218	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/19/82-09/27/93	11	40	
ROMO0219	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/13/91-09/27/93	2	7	
ROMO0221	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/19/82-08/24/88	6	12	
ROMO0222	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/19/82-12/15/92	10	54	
ROMO0223	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/19/82-03/15/93	10	61	
ROMO0225	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/25/91-09/25/91	0	1	
ROMO0226	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/16/83-01/21/86	2	2	
ROMO0227	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/04/85-09/29/92	7	9	
ROMO0228	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/16/83-08/16/83	0	1	
ROMO0229	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/16/83-08/11/87	3	3	
ROMO0230	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	06/12/84-08/14/84	0	2	
ROMO0231	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/25/91-09/25/91	0	1	
ROMO0234	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/19/82-09/27/93	11	54	
ROMO0237	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/25/91-09/25/91	0	1	
ROMO0240	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/12/82-10/10/84	2	7	
ROMO0242	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/25/91-09/25/91	0	1	
ROMO0243	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/12/82-08/24/88	6	40	
ROMO0244	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/12/82-05/29/84	1	9	
ROMO0245	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/12/82-01/23/90	7	48	
ROMO0255	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	01/05/88-07/19/88	0	2	
ROMO0256	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/14/82-09/27/93	11	49	
ROMO0258	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/25/91-09/25/91	0	1	
ROMO0260	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/25/91-09/25/91	0	1	
ROMO0262	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/26/91-09/26/91	0	1	
ROMO0264	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/26/91-09/26/91	0	1	
ROMO0265	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/26/91-09/26/91	0	1	
ROMO0266	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/28/91-09/28/91	0	1	
ROMO0270	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/28/91-09/28/91	0	1	
ROMO0271	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/26/91-09/26/91	0	1	
ROMO0272	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/26/91-09/26/91	0	1	
ROMO0274	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/26/91-09/26/91	0	1	
ROMO0275	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/26/91-09/26/91	0	1	
ROMO0278	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/26/91-09/26/91	0	1	
ROMO0283	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/26/91-09/26/91	0	1	
ROMO0284	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/23/93-08/23/93	0	1	
ROMO0286	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/02/83-09/27/93	10	46	
ROMO0287	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/01/82-09/20/82	0	2	
ROMO0291	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	06/21/88-10/01/91	3	4	
ROMO0301	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/26/87-10/11/88	1	4	
ROMO0308	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/01/82-09/27/93	11	57	
ROMO0313	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/01/82-11/13/88	6	15	
ROMO0314	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/01/82-05/04/93	10	68	
ROMO0315	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/01/82-05/04/93	10	74	
ROMO0316	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/14/82-09/20/82	0	2	
ROMO0317	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/23/88-12/11/90	2	4	
ROMO0318	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	05/03/86-10/16/90	4	6	
ROMO0320	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	05/12/84-10/27/92	8	63	
ROMO0321	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	05/06/85-12/11/90	5	9	
ROMO0325	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/01/82-09/28/93	11	351	A
ROMO0327	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/02/83-08/13/91	8	15	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0328	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/20/85-08/23/93	8	17	
ROMO0334	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/10/83-09/27/93	10	8	
ROMO0335	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/10/83-08/10/83	0	1	
ROMO0336	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/10/83-07/13/88	4	4	
ROMO0337	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/10/83-07/13/88	4	4	
ROMO0353	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/10/83-09/28/93	10	8	
ROMO0358	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/10/83-09/28/93	10	5	
ROMO0360	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/10/83-08/10/83	0	1	
ROMO0361	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/10/83-08/31/92	9	7	
ROMO0362	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/10/83-09/28/93	10	8	
ROMO0365	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	06/14/88-11/08/88	0	13	
ROMO0368	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/13/88-10/11/88	0	4	
ROMO0379	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	06/14/88-11/08/88	0	12	
ROMO0387	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	06/14/88-10/11/88	0	8	
ROMO0404	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/13/95-05/13/96	0	2	
ROMO0644	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/26/83-09/30/93	10	8	
ROMO0647	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/03/88-08/03/88	0	1	
ROMO0649	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/25/90-08/31/91	1	2	
ROMO0651	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/26/83-08/28/92	9	2	
ROMO0653	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/26/83-07/26/83	0	1	
ROMO0654	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/26/83-08/03/88	5	4	
ROMO0655	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/26/83-09/30/93	10	5	
ROMO0658	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/11/87-08/11/87	0	1	
ROMO0659	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/25/90-08/31/91	1	2	
ROMO0660	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/25/83-08/31/91	8	3	
ROMO0661	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/25/83-08/03/88	5	4	
ROMO0662	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/25/83-09/30/93	10	9	
ROMO0663	Yes	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/25/83-08/28/92	9	2	
ROMO0011	No	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	09/13/90-09/13/90	0	2	
ROMO0026	No	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	09/13/90-09/13/90	0	1	
ROMO0028	No	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	09/13/90-09/13/90	0	2	
ROMO0131	No	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	09/14/90-09/14/90	0	1	
ROMO0133	No	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	09/14/90-09/14/90	0	1	
ROMO0483	No	01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	12/17/71-06/22/88	16	80	
ROMO0011	No	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	09/13/90-09/13/90	0	2	
ROMO0026	No	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	09/13/90-09/13/90	0	1	
ROMO0028	No	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	09/13/90-09/13/90	0	2	
ROMO0131	No	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	09/14/90-09/14/90	0	1	
ROMO0133	No	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	09/14/90-09/14/90	0	1	
ROMO0483	No	01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	12/17/71-06/22/88	16	80	
ROMO0483	No	01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	01/24/77-11/01/77	0	6	
ROMO0011	No	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	09/13/90-09/13/90	0	2	
ROMO0026	No	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	09/13/90-09/13/90	0	1	
ROMO0028	No	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	09/13/90-09/13/90	0	2	
ROMO0131	No	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	09/14/90-09/14/90	0	1	
ROMO0133	No	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	09/14/90-09/14/90	0	1	
ROMO0483	No	01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	12/17/71-06/22/88	16	75	
ROMO0011	No	01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	09/13/90-09/13/90	0	2	
ROMO0020	No	01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	08/21/90-08/21/90	0	4	
ROMO0026	No	01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	09/13/90-09/13/90	0	1	
ROMO0028	No	01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	09/13/90-09/13/90	0	2	
ROMO0131	No	01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	09/14/90-09/14/90	0	1	
ROMO0133	No	01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	08/21/90-09/14/90	0	3	
ROMO0151	No	01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	08/20/90-08/20/90	0	2	
ROMO0483	No	01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	12/17/71-06/22/88	16	81	
ROMO0483	No	01129	MOLYBDENUM,TOTAL RECOVERABLE IN WATER AS MB UG/L	12/17/71-07/11/77	5	20	
ROMO0034	No	01130	LITHIUM, DISSOLVED (UG/L AS LI)	05/24/89-10/01/96	7	104	
ROMO0060	No	01130	LITHIUM, DISSOLVED (UG/L AS LI)	02/14/89-03/05/97	8	41	
ROMO0063	No	01130	LITHIUM, DISSOLVED (UG/L AS LI)	05/24/89-10/02/96	7	105	
ROMO0410	No	01130	LITHIUM, DISSOLVED (UG/L AS LI)	01/10/89-03/10/97	8	42	
ROMO0470	No	01130	LITHIUM, DISSOLVED (UG/L AS LI)	03/13/89-03/10/97	7	23	
ROMO0020	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	08/21/90-08/21/90	0	4	
ROMO0024	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	09/30/96-09/09/97	0	5	
ROMO0047	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	11/06/75-11/06/75	0	1	
ROMO0068	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	08/14/75-08/14/75	0	1	
ROMO0081	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/03/75-10/03/75	0	1	
ROMO0133	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	08/21/90-08/21/90	0	2	
ROMO0141	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	09/02/92-08/26/93	0	2	
ROMO0142	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	07/14/93-09/27/93	0	2	
ROMO0151	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	08/20/90-08/20/90	0	2	
ROMO0404	Yes	01145	SELENIUM, DISSOLVED (UG/L AS SE)	09/13/95-05/13/96	0	2	
ROMO0460	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	09/30/96-09/09/97	0	4	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0011	No	01147	SELENIUM, TOTAL (UG/L AS SE)	09/13/90-09/13/90	0	2	
ROMO0026	No	01147	SELENIUM, TOTAL (UG/L AS SE)	09/13/90-09/13/90	0	1	
ROMO0028	No	01147	SELENIUM, TOTAL (UG/L AS SE)	09/13/90-09/13/90	0	2	
ROMO0131	No	01147	SELENIUM, TOTAL (UG/L AS SE)	09/14/90-09/14/90	0	1	
ROMO0133	No	01147	SELENIUM, TOTAL (UG/L AS SE)	09/14/90-09/14/90	0	1	
ROMO0483	No	01147	SELENIUM, TOTAL (UG/L AS SE)	12/17/71-11/23/81	9	23	
ROMO0060	No	01300	OIL-GREASE (SEVERITY)	09/20/73-03/14/74	0	7	
ROMO0089	No	01300	OIL-GREASE (SEVERITY)	09/20/73-10/04/73	0	2	
ROMO0410	No	01300	OIL-GREASE (SEVERITY)	09/13/73-04/16/74	0	8	
ROMO0470	No	01300	OIL-GREASE (SEVERITY)	09/13/73-04/16/74	0	8	
ROMO0034	No	01305	DETERGENT SUDS (SEVERITY)	08/22/73-08/22/73	0	1	
ROMO0060	No	01305	DETERGENT SUDS (SEVERITY)	09/20/73-03/14/74	0	7	
ROMO0063	No	01305	DETERGENT SUDS (SEVERITY)	08/22/73-08/22/73	0	1	
ROMO0089	No	01305	DETERGENT SUDS (SEVERITY)	09/20/73-10/04/73	0	2	
ROMO0138	No	01305	DETERGENT SUDS (SEVERITY)	08/22/73-08/22/73	0	1	
ROMO0410	No	01305	DETERGENT SUDS (SEVERITY)	09/13/73-04/16/74	0	8	
ROMO0470	No	01305	DETERGENT SUDS (SEVERITY)	09/13/73-04/16/74	0	8	
ROMO0060	No	01320	GARBAGE, FLOATING (SEVERITY)	09/20/73-03/14/74	0	7	
ROMO0089	No	01320	GARBAGE, FLOATING (SEVERITY)	09/20/73-10/04/73	0	2	
ROMO0410	No	01320	GARBAGE, FLOATING (SEVERITY)	09/13/73-04/16/74	0	8	
ROMO0470	No	01320	GARBAGE, FLOATING (SEVERITY)	09/13/73-04/16/74	0	8	
ROMO0034	No	01325	ALGAE, FLOATING MATS (SEVERITY)	08/22/73-08/22/73	0	1	
ROMO0060	No	01325	ALGAE, FLOATING MATS (SEVERITY)	09/20/73-03/14/74	0	7	
ROMO0063	No	01325	ALGAE, FLOATING MATS (SEVERITY)	08/22/73-08/22/73	0	1	
ROMO0089	No	01325	ALGAE, FLOATING MATS (SEVERITY)	09/20/73-10/04/73	0	2	
ROMO0138	No	01325	ALGAE, FLOATING MATS (SEVERITY)	08/22/73-08/22/73	0	1	
ROMO0410	No	01325	ALGAE, FLOATING MATS (SEVERITY)	09/13/73-04/16/74	0	8	
ROMO0470	No	01325	ALGAE, FLOATING MATS (SEVERITY)	09/13/73-04/16/74	0	8	
ROMO0034	No	01330	ODOR, ATMOSPHERIC (SEVERITY)	08/22/73-08/22/73	0	1	
ROMO0060	No	01330	ODOR, ATMOSPHERIC (SEVERITY)	09/20/73-03/14/74	0	7	
ROMO0063	No	01330	ODOR, ATMOSPHERIC (SEVERITY)	08/22/73-08/22/73	0	1	
ROMO0089	No	01330	ODOR, ATMOSPHERIC (SEVERITY)	09/20/73-10/04/73	0	2	
ROMO0138	No	01330	ODOR, ATMOSPHERIC (SEVERITY)	08/22/73-08/22/73	0	1	
ROMO0410	No	01330	ODOR, ATMOSPHERIC (SEVERITY)	09/13/73-04/16/74	0	8	
ROMO0470	No	01330	ODOR, ATMOSPHERIC (SEVERITY)	09/13/73-04/16/74	0	8	
ROMO0034	No	01340	FISH, DEAD (SEVERITY)	08/22/73-08/22/73	0	1	
ROMO0060	No	01340	FISH, DEAD (SEVERITY)	09/20/73-03/14/74	0	7	
ROMO0063	No	01340	FISH, DEAD (SEVERITY)	08/22/73-08/22/73	0	1	
ROMO0089	No	01340	FISH, DEAD (SEVERITY)	09/20/73-10/04/73	0	2	
ROMO0138	No	01340	FISH, DEAD (SEVERITY)	08/22/73-08/22/73	0	1	
ROMO0410	No	01340	FISH, DEAD (SEVERITY)	09/13/73-04/16/74	0	8	
ROMO0470	No	01340	FISH, DEAD (SEVERITY)	09/13/73-04/16/74	0	8	
ROMO0060	No	01345	DEBRIS, FLOATING (SEVERITY)	09/20/73-03/14/74	0	7	
ROMO0089	No	01345	DEBRIS, FLOATING (SEVERITY)	09/20/73-10/04/73	0	2	
ROMO0410	No	01345	DEBRIS, FLOATING (SEVERITY)	09/13/73-04/16/74	0	8	
ROMO0470	No	01345	DEBRIS, FLOATING (SEVERITY)	09/13/73-04/16/74	0	8	
ROMO0034	No	01350	TURBIDITY (SEVERITY)	08/22/73-08/22/73	0	1	
ROMO0060	No	01350	TURBIDITY (SEVERITY)	09/20/73-03/14/74	0	7	
ROMO0063	No	01350	TURBIDITY (SEVERITY)	08/22/73-08/22/73	0	1	
ROMO0089	No	01350	TURBIDITY (SEVERITY)	09/20/73-10/04/73	0	2	
ROMO0138	No	01350	TURBIDITY (SEVERITY)	08/22/73-08/22/73	0	1	
ROMO0410	No	01350	TURBIDITY (SEVERITY)	09/13/73-04/16/74	0	8	
ROMO0470	No	01350	TURBIDITY (SEVERITY)	09/13/73-04/16/74	0	8	
ROMO0034	No	01355	ICE COVER, FLOATING OR SOLID (SEVERITY)	08/22/73-08/22/73	0	1	
ROMO0060	No	01355	ICE COVER, FLOATING OR SOLID (SEVERITY)	09/20/73-03/14/74	0	7	
ROMO0063	No	01355	ICE COVER, FLOATING OR SOLID (SEVERITY)	08/22/73-08/22/73	0	1	
ROMO0089	No	01355	ICE COVER, FLOATING OR SOLID (SEVERITY)	09/20/73-10/04/73	0	2	
ROMO0138	No	01355	ICE COVER, FLOATING OR SOLID (SEVERITY)	08/22/73-08/22/73	0	1	
ROMO0410	No	01355	ICE COVER, FLOATING OR SOLID (SEVERITY)	09/13/73-04/16/74	0	8	
ROMO0470	No	01355	ICE COVER, FLOATING OR SOLID (SEVERITY)	09/13/73-04/16/74	0	8	
ROMO0009	No	01503	ALPHA, DISSOLVED	10/21/66-11/08/66	0	2	
ROMO0084	No	01503	ALPHA, DISSOLVED	09/07/66-11/08/66	0	3	
ROMO0152	Yes	01503	ALPHA, DISSOLVED	09/07/66-09/07/66	0	1	
ROMO0483	No	01503	ALPHA, DISSOLVED	11/18/74-03/10/75	0	2	
ROMO0483	No	01504	ALPHA, DISSOLVED, COUNTING ERROR	11/18/74-03/10/75	0	2	
ROMO0483	No	03503	BETA, DISSOLVED	05/24/77-09/08/77	0	3	
ROMO0483	No	03504	BETA, DISSOLVED, COUNTING ERROR	04/25/72-09/08/77	5	4	
ROMO0047	No	03515	BETA, DISSOLVED GROSS, AS CS-137, PC/L	11/06/75-11/06/75	0	1	
ROMO0068	Yes	03515	BETA, DISSOLVED GROSS, AS CS-137, PC/L	08/14/75-08/14/75	0	1	
ROMO0081	No	03515	BETA, DISSOLVED GROSS, AS CS-137, PC/L	10/03/75-10/03/75	0	1	
ROMO0009	No	09503	RADIUM 226, DISSOLVED	10/21/66-10/21/66	0	1	
ROMO0016	No	09503	RADIUM 226, DISSOLVED	09/20/71-09/20/71	0	1	

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

Station/Parameter Period of Record Tabulation
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Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0084	No	09503	RADIUM 226, DISSOLVED	09/07/66-10/25/66	0	2	
ROMO0152	Yes	09503	RADIUM 226, DISSOLVED	09/07/66-09/07/66	0	1	
ROMO0016	No	20400	INVALID PARAMETER	09/20/71-12/09/71	0	2	
ROMO0002	No	22703	URANIUM, NATURAL, DISSOLVED	09/21/76-09/21/76	0	1	
ROMO0008	No	22703	URANIUM, NATURAL, DISSOLVED	09/21/76-09/21/76	0	1	
ROMO0010	No	22703	URANIUM, NATURAL, DISSOLVED	09/16/76-09/16/76	0	1	
ROMO0012	No	22703	URANIUM, NATURAL, DISSOLVED	09/16/76-09/16/76	0	1	
ROMO0014	No	22703	URANIUM, NATURAL, DISSOLVED	09/16/76-09/16/76	0	1	
ROMO0016	No	22703	URANIUM, NATURAL, DISSOLVED	09/20/71-09/20/71	0	1	
ROMO0021	No	22703	URANIUM, NATURAL, DISSOLVED	09/23/76-09/23/76	0	1	
ROMO0029	No	22703	URANIUM, NATURAL, DISSOLVED	09/20/76-09/20/76	0	1	
ROMO0033	No	22703	URANIUM, NATURAL, DISSOLVED	09/20/76-09/20/76	0	1	
ROMO0041	Yes	22703	URANIUM, NATURAL, DISSOLVED	09/18/76-09/18/76	0	1	
ROMO0042	No	22703	URANIUM, NATURAL, DISSOLVED	09/22/76-09/22/76	0	1	
ROMO0043	Yes	22703	URANIUM, NATURAL, DISSOLVED	09/23/76-09/23/76	0	1	
ROMO0048	No	22703	URANIUM, NATURAL, DISSOLVED	09/23/76-09/23/76	0	1	
ROMO0049	No	22703	URANIUM, NATURAL, DISSOLVED	09/18/76-09/18/76	0	1	
ROMO0051	Yes	22703	URANIUM, NATURAL, DISSOLVED	09/18/76-09/18/76	0	1	
ROMO0052	Yes	22703	URANIUM, NATURAL, DISSOLVED	09/18/76-09/18/76	0	1	
ROMO0053	No	22703	URANIUM, NATURAL, DISSOLVED	09/23/76-09/23/76	0	1	
ROMO0057	No	22703	URANIUM, NATURAL, DISSOLVED	09/18/76-09/18/76	0	1	
ROMO0058	Yes	22703	URANIUM, NATURAL, DISSOLVED	09/23/76-09/23/76	0	1	
ROMO0065	Yes	22703	URANIUM, NATURAL, DISSOLVED	09/18/76-09/18/76	0	1	
ROMO0072	No	22703	URANIUM, NATURAL, DISSOLVED	09/22/76-09/22/76	0	1	
ROMO0077	No	22703	URANIUM, NATURAL, DISSOLVED	09/18/76-09/18/76	0	1	
ROMO0079	Yes	22703	URANIUM, NATURAL, DISSOLVED	09/18/76-09/18/76	0	1	
ROMO0080	Yes	22703	URANIUM, NATURAL, DISSOLVED	09/18/76-09/18/76	0	1	
ROMO0098	No	22703	URANIUM, NATURAL, DISSOLVED	09/23/76-09/23/76	0	1	
ROMO0108	No	22703	URANIUM, NATURAL, DISSOLVED	09/29/76-09/29/76	0	1	
ROMO0121	No	22703	URANIUM, NATURAL, DISSOLVED	09/21/76-09/21/76	0	1	
ROMO0129	Yes	22703	URANIUM, NATURAL, DISSOLVED	09/23/76-09/23/76	0	1	
ROMO0149	No	22703	URANIUM, NATURAL, DISSOLVED	09/21/76-09/21/76	0	1	
ROMO0158	No	22703	URANIUM, NATURAL, DISSOLVED	09/23/76-09/23/76	0	1	
ROMO0161	No	22703	URANIUM, NATURAL, DISSOLVED	09/21/76-09/21/76	0	1	
ROMO0162	No	22703	URANIUM, NATURAL, DISSOLVED	09/21/76-09/21/76	0	1	
ROMO0165	Yes	22703	URANIUM, NATURAL, DISSOLVED	09/29/76-09/29/76	0	1	
ROMO0166	Yes	22703	URANIUM, NATURAL, DISSOLVED	09/23/76-09/23/76	0	1	
ROMO0188	No	22703	URANIUM, NATURAL, DISSOLVED	09/23/76-09/23/76	0	1	
ROMO0201	No	22703	URANIUM, NATURAL, DISSOLVED	09/23/76-09/23/76	0	1	
ROMO0204	No	22703	URANIUM, NATURAL, DISSOLVED	09/23/76-09/23/76	0	1	
ROMO0213	No	22703	URANIUM, NATURAL, DISSOLVED	09/21/76-09/21/76	0	1	
ROMO0220	No	22703	URANIUM, NATURAL, DISSOLVED	09/23/76-09/23/76	0	1	
ROMO0232	No	22703	URANIUM, NATURAL, DISSOLVED	09/21/76-09/21/76	0	1	
ROMO0241	No	22703	URANIUM, NATURAL, DISSOLVED	09/21/76-09/21/76	0	1	
ROMO0248	No	22703	URANIUM, NATURAL, DISSOLVED	09/24/76-09/24/76	0	1	
ROMO0329	Yes	22703	URANIUM, NATURAL, DISSOLVED	09/23/76-09/23/76	0	1	
ROMO0355	Yes	22703	URANIUM, NATURAL, DISSOLVED	09/23/76-09/23/76	0	1	
ROMO0367	No	22703	URANIUM, NATURAL, DISSOLVED	09/21/76-09/21/76	0	1	
ROMO0383	Yes	22703	URANIUM, NATURAL, DISSOLVED	09/23/76-09/23/76	0	1	
ROMO0389	Yes	22703	URANIUM, NATURAL, DISSOLVED	09/23/76-09/23/76	0	1	
ROMO0403	Yes	22703	URANIUM, NATURAL, DISSOLVED	09/23/76-09/23/76	0	1	
ROMO0404	Yes	22703	URANIUM, NATURAL, DISSOLVED	09/13/95-05/13/96	0	2	
ROMO0409	No	22703	URANIUM, NATURAL, DISSOLVED	09/21/76-09/21/76	0	1	
ROMO0412	Yes	22703	URANIUM, NATURAL, DISSOLVED	09/23/76-09/23/76	0	1	
ROMO0417	No	22703	URANIUM, NATURAL, DISSOLVED	09/21/76-09/21/76	0	1	
ROMO0421	No	22703	URANIUM, NATURAL, DISSOLVED	09/21/76-09/21/76	0	1	
ROMO0425	No	22703	URANIUM, NATURAL, DISSOLVED	09/24/76-09/24/76	0	1	
ROMO0428	Yes	22703	URANIUM, NATURAL, DISSOLVED	09/21/76-09/21/76	0	1	
ROMO0449	Yes	22703	URANIUM, NATURAL, DISSOLVED	09/21/76-09/21/76	0	1	
ROMO0452	Yes	22703	URANIUM, NATURAL, DISSOLVED	09/24/76-09/24/76	0	1	
ROMO0453	Yes	22703	URANIUM, NATURAL, DISSOLVED	09/24/76-09/24/76	0	1	
ROMO0454	Yes	22703	URANIUM, NATURAL, DISSOLVED	09/23/76-09/23/76	0	1	
ROMO0457	Yes	22703	URANIUM, NATURAL, DISSOLVED	09/23/76-09/23/76	0	1	
ROMO0458	No	22703	URANIUM, NATURAL, DISSOLVED	09/21/76-09/21/76	0	1	
ROMO0462	Yes	22703	URANIUM, NATURAL, DISSOLVED	09/23/76-09/23/76	0	1	
ROMO0465	No	22703	URANIUM, NATURAL, DISSOLVED	09/24/76-09/24/76	0	1	
ROMO0471	No	22703	URANIUM, NATURAL, DISSOLVED	09/22/76-09/22/76	0	1	
ROMO0482	Yes	22703	URANIUM, NATURAL, DISSOLVED	09/23/76-09/23/76	0	1	
ROMO0483	No	22703	URANIUM, NATURAL, DISSOLVED	05/11/79-05/19/83	4	6	
ROMO0487	No	22703	URANIUM, NATURAL, DISSOLVED	09/20/76-09/20/76	0	1	
ROMO0488	Yes	22703	URANIUM, NATURAL, DISSOLVED	09/23/76-09/23/76	0	1	
ROMO0491	No	22703	URANIUM, NATURAL, DISSOLVED	09/22/76-09/22/76	0	1	

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Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0492	Yes	22703	URANIUM, NATURAL, DISSOLVED	09/24/76-09/24/76	0	1	
ROMO0493	No	22703	URANIUM, NATURAL, DISSOLVED	09/23/76-09/23/76	0	1	
ROMO0495	Yes	22703	URANIUM, NATURAL, DISSOLVED	09/23/76-09/23/76	0	1	
ROMO0496	No	22703	URANIUM, NATURAL, DISSOLVED	09/24/76-09/24/76	0	1	
ROMO0497	No	22703	URANIUM, NATURAL, DISSOLVED	09/22/76-09/22/76	0	1	
ROMO0498	Yes	22703	URANIUM, NATURAL, DISSOLVED	09/23/76-09/23/76	0	1	
ROMO0502	Yes	22703	URANIUM, NATURAL, DISSOLVED	09/23/76-09/23/76	0	1	
ROMO0505	Yes	22703	URANIUM, NATURAL, DISSOLVED	09/22/76-09/22/76	0	1	
ROMO0515	Yes	22703	URANIUM, NATURAL, DISSOLVED	09/22/76-09/22/76	0	1	
ROMO0516	Yes	22703	URANIUM, NATURAL, DISSOLVED	09/23/76-09/23/76	0	1	
ROMO0522	Yes	22703	URANIUM, NATURAL, DISSOLVED	09/24/76-09/24/76	0	1	
ROMO0527	No	22703	URANIUM, NATURAL, DISSOLVED	09/20/76-09/20/76	0	1	
ROMO0531	Yes	22703	URANIUM, NATURAL, DISSOLVED	09/22/76-09/22/76	0	1	
ROMO0532	Yes	22703	URANIUM, NATURAL, DISSOLVED	09/23/76-09/23/76	0	1	
ROMO0534	Yes	22703	URANIUM, NATURAL, DISSOLVED	09/24/76-09/24/76	0	1	
ROMO0536	Yes	22703	URANIUM, NATURAL, DISSOLVED	09/22/76-09/22/76	0	1	
ROMO0541	Yes	22703	URANIUM, NATURAL, DISSOLVED	09/24/76-09/24/76	0	1	
ROMO0546	Yes	22703	URANIUM, NATURAL, DISSOLVED	09/24/76-09/24/76	0	1	
ROMO0550	Yes	22703	URANIUM, NATURAL, DISSOLVED	09/23/76-09/23/76	0	1	
ROMO0551	No	22703	URANIUM, NATURAL, DISSOLVED	09/20/76-09/20/76	0	1	
ROMO0552	Yes	22703	URANIUM, NATURAL, DISSOLVED	09/24/76-09/24/76	0	1	
ROMO0560	Yes	22703	URANIUM, NATURAL, DISSOLVED	09/23/76-09/23/76	0	1	
ROMO0562	Yes	22703	URANIUM, NATURAL, DISSOLVED	09/24/76-09/24/76	0	1	
ROMO0583	No	22703	URANIUM, NATURAL, DISSOLVED	09/22/76-09/22/76	0	1	
ROMO0586	Yes	22703	URANIUM, NATURAL, DISSOLVED	09/24/76-09/24/76	0	1	
ROMO0593	Yes	22703	URANIUM, NATURAL, DISSOLVED	09/24/76-09/24/76	0	1	
ROMO0596	No	22703	URANIUM, NATURAL, DISSOLVED	09/20/76-09/20/76	0	1	
ROMO0599	No	22703	URANIUM, NATURAL, DISSOLVED	09/20/76-09/20/76	0	1	
ROMO0604	No	22703	URANIUM, NATURAL, DISSOLVED	09/20/76-09/20/76	0	1	
ROMO0606	Yes	22703	URANIUM, NATURAL, DISSOLVED	09/24/76-09/24/76	0	1	
ROMO0609	Yes	22703	URANIUM, NATURAL, DISSOLVED	09/24/76-09/24/76	0	1	
ROMO0612	Yes	22703	URANIUM, NATURAL, DISSOLVED	09/24/76-09/24/76	0	1	
ROMO0626	Yes	22703	URANIUM, NATURAL, DISSOLVED	09/24/76-09/24/76	0	1	
ROMO0627	No	22703	URANIUM, NATURAL, DISSOLVED	09/23/76-09/23/76	0	1	
ROMO0629	No	22703	URANIUM, NATURAL, DISSOLVED	09/24/76-09/24/76	0	1	
ROMO0630	No	22703	URANIUM, NATURAL, DISSOLVED	09/24/76-09/24/76	0	1	
ROMO0637	No	22703	URANIUM, NATURAL, DISSOLVED	09/24/76-09/24/76	0	1	
ROMO0642	No	22703	URANIUM, NATURAL, DISSOLVED	09/22/76-09/22/76	0	1	
ROMO0664	No	22703	URANIUM, NATURAL, DISSOLVED	09/22/76-09/22/76	0	1	
ROMO0669	No	22703	URANIUM, NATURAL, DISSOLVED	09/22/76-09/22/76	0	1	
ROMO0676	No	22703	URANIUM, NATURAL, DISSOLVED	09/20/76-09/20/76	0	1	
ROMO0677	No	22703	URANIUM, NATURAL, DISSOLVED	09/20/76-09/20/76	0	1	
ROMO0680	No	22703	URANIUM, NATURAL, DISSOLVED	09/20/76-09/20/76	0	1	
ROMO0481	No	31416	INVALID PARAMETER	03/10/66-03/10/66	0	1	
ROMO0009	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/07/66-11/08/66	0	3	
ROMO0017	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/03/72-08/09/73	1	9	
ROMO0034	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/17/82-09/17/91	9	12	
ROMO0047	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/06/75-07/06/76	0	2	
ROMO0050	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/05/76-07/05/76	0	1	
ROMO0056	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/06/76-07/06/76	0	1	
ROMO0060	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/24/70-09/22/88	17	104	
ROMO0063	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/30/91-09/18/91	0	5	
ROMO0068	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/14/75-08/14/75	0	1	
ROMO0073	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/30/76-06/30/76	0	1	
ROMO0084	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/07/66-11/08/66	0	3	
ROMO0089	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/25/70-10/04/73	3	34	
ROMO0150	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/02/76-07/02/76	0	1	
ROMO0152	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/07/66-09/07/66	0	1	
ROMO0155	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/29/76-06/29/76	0	1	
ROMO0160	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/01/84-06/01/84	0	3	
ROMO0181	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/01/84-06/01/84	0	3	
ROMO0184	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/01/84-06/01/84	0	3	
ROMO0187	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/01/84-06/01/84	0	3	
ROMO0199	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/29/82-08/29/82	0	1	
ROMO0216	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/01/84-08/24/84	0	10	
ROMO0233	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/01/84-07/23/84	0	4	
ROMO0236	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/01/84-06/01/84	0	3	
ROMO0238	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/01/84-06/01/84	0	3	
ROMO0261	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/03/81-08/29/82	1	14	
ROMO0285	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/01/84-07/23/84	0	4	
ROMO0304	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/01/84-07/30/84	0	7	
ROMO0330	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/03/81-08/16/82	1	13	

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

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Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0340	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/03/81-08/24/82	1	13	
ROMO0378	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/03/81-08/24/82	1	14	
ROMO0410	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/02/70-09/17/80	10	107	A
ROMO0439	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/26/82-08/16/82	0	14	
ROMO0442	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/21/81-08/24/81	0	16	
ROMO0443	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/21/81-08/24/81	0	16	
ROMO0445	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/14/76-09/27/76	0	2	
ROMO0450	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/21/76-09/28/76	0	2	
ROMO0455	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/21/81-08/24/81	0	16	
ROMO0470	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/02/70-07/11/88	17	152	A
ROMO0506	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/21/81-08/24/81	0	16	
ROMO0507	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/26/82-08/16/82	0	12	
ROMO0512	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/21/81-08/24/81	0	16	
ROMO0542	Yes	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/21/81-08/24/81	0	16	
ROMO0673	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/18/65-03/20/65	0	3	
ROMO0678	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/18/65-03/20/65	0	3	
ROMO0681	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/18/65-03/20/65	0	3	
ROMO0684	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/18/65-03/20/65	0	3	
ROMO0469	No	31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	03/16/83-03/16/83	0	1	
ROMO0060	No	31504	COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,35C	09/01/88-11/29/88	0	3	
ROMO0470	No	31504	COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,35C	10/03/88-10/03/88	0	1	
ROMO0009	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/07/66-11/08/66	0	3	
ROMO0084	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/07/66-11/08/66	0	3	
ROMO0152	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/07/66-09/07/66	0	1	
ROMO0433	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/19/66-08/24/66	0	3	
ROMO0461	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/14/66-08/24/66	0	3	
ROMO0476	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/23/65-08/28/65	0	6	
ROMO0479	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/14/66-08/24/66	0	4	
ROMO0480	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/23/65-08/28/65	0	6	
ROMO0481	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/08/66-08/25/66	0	21	
ROMO0483	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	12/17/71-06/13/78	6	26	
ROMO0489	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/23/65-08/28/65	0	6	
ROMO0499	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/19/66-08/24/66	0	2	
ROMO0500	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/23/65-08/28/65	0	6	
ROMO0501	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/13/66-08/24/66	0	4	
ROMO0503	Yes	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/13/66-08/24/66	0	4	
ROMO0391	Yes	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	06/29/71-08/23/71	0	7	
ROMO0393	Yes	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	06/29/71-08/23/71	0	7	
ROMO0402	Yes	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	06/29/71-08/23/71	0	8	
ROMO0422	Yes	31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	06/29/71-08/23/71	0	8	
ROMO0229	Yes	31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	09/22/87-09/22/87	0	1	
ROMO0251	Yes	31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	09/22/87-09/22/87	0	1	
ROMO0442	Yes	31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	07/21/81-08/24/81	0	16	
ROMO0443	Yes	31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	07/21/81-08/24/81	0	16	
ROMO0455	Yes	31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	07/21/81-08/24/81	0	16	
ROMO0506	Yes	31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	07/21/81-08/24/81	0	16	
ROMO0512	Yes	31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	07/21/81-08/24/81	0	16	
ROMO0542	Yes	31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	07/21/81-08/24/81	0	16	
ROMO0009	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/07/66-11/08/66	0	3	
ROMO0024	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/30/96-06/09/97	0	3	
ROMO0084	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/07/66-11/08/66	0	3	
ROMO0141	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/14/93-09/27/93	0	2	
ROMO0142	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/14/93-09/27/93	0	3	
ROMO0152	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/07/66-09/07/66	0	1	
ROMO0433	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/19/66-08/24/66	0	3	
ROMO0460	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/30/96-09/09/97	0	3	
ROMO0461	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/14/66-08/24/66	0	3	
ROMO0476	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/23/65-08/28/65	0	6	
ROMO0479	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/19/66-08/24/66	0	3	
ROMO0480	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/23/65-08/28/65	0	6	
ROMO0481	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/08/66-08/25/66	0	20	
ROMO0483	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/17/71-04/02/92	20	105	T
ROMO0489	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/23/65-08/28/65	0	6	
ROMO0499	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/19/66-08/24/66	0	2	
ROMO0500	No	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/23/65-08/28/65	0	6	
ROMO0501	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/13/66-08/24/66	0	4	
ROMO0503	Yes	31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/13/66-08/24/66	0	4	
ROMO0009	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/07/66-11/08/66	0	3	
ROMO0017	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/03/72-08/09/73	1	9	
ROMO0034	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/29/91-09/17/91	0	10	
ROMO0047	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/06/75-07/06/76	0	2	
ROMO0050	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/05/76-07/05/76	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0056	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/76-07/06/76	0	1	
ROMO0060	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/24/70-08/14/75	4	38	
ROMO0063	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/30/91-09/18/91	0	10	
ROMO0068	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/14/75-08/14/75	0	1	
ROMO0073	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/30/76-06/30/76	0	1	
ROMO0081	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/03/75-10/03/75	0	1	
ROMO0084	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/07/66-11/08/66	0	3	
ROMO0089	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/25/70-10/04/73	3	35	
ROMO0111	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/26/76-09/20/76	0	6	
ROMO0150	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/02/76-07/02/76	0	1	
ROMO0152	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/07/66-09/07/66	0	1	
ROMO0155	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/29/76-06/29/76	0	1	
ROMO0160	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/01/84-06/01/84	0	3	
ROMO0176	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/26/76-09/20/76	0	7	
ROMO0181	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/01/84-06/01/84	0	3	
ROMO0184	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/01/84-06/01/84	0	3	
ROMO0187	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/01/84-06/01/84	0	3	
ROMO0216	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/01/84-08/24/84	0	10	
ROMO0233	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/01/84-07/23/84	0	4	
ROMO0236	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/01/84-06/01/84	0	3	
ROMO0238	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/01/84-06/01/84	0	3	
ROMO0285	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/01/84-07/23/84	0	4	
ROMO0304	Yes	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/01/84-07/30/84	0	7	
ROMO0410	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/02/70-02/10/77	6	73	
ROMO0470	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/02/70-09/14/76	6	70	
ROMO0665	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/20/76-09/23/76	0	8	
ROMO0673	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/20/65-03/20/65	0	1	
ROMO0678	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/20/65-03/20/65	0	1	
ROMO0679	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/01/76-09/03/76	0	7	
ROMO0681	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/20/65-03/20/65	0	1	
ROMO0683	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/20/79-07/31/79	0	3	
ROMO0684	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/20/65-03/20/65	0	1	
ROMO0034	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	06/17/82-10/01/96	14	39	
ROMO0060	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	03/15/78-11/29/88	10	72	
ROMO0063	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	05/24/89-10/02/96	7	35	
ROMO0227	Yes	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	09/04/86-09/04/86	0	1	
ROMO0410	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	05/26/77-09/17/80	3	32	
ROMO0470	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/13/76-10/03/88	11	80	
ROMO0060	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/13/80-11/13/80	0	1	
ROMO0160	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/01/84-06/01/84	0	3	
ROMO0181	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/01/84-06/01/84	0	3	
ROMO0184	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/01/84-06/01/84	0	3	
ROMO0187	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/01/84-06/01/84	0	3	
ROMO0216	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/01/84-08/24/84	0	10	
ROMO0233	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/01/84-07/23/84	0	4	
ROMO0236	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/01/84-06/01/84	0	3	
ROMO0238	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/01/84-06/01/84	0	3	
ROMO0285	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/01/84-07/23/84	0	4	
ROMO0304	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/01/84-07/30/84	0	7	
ROMO0410	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	07/28/77-07/28/77	0	1	
ROMO0442	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	07/21/81-08/24/81	0	16	
ROMO0443	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	07/21/81-08/24/81	0	16	
ROMO0455	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	07/21/81-08/24/81	0	16	
ROMO0470	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	07/16/82-07/16/82	0	1	
ROMO0476	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/23/65-08/28/65	0	6	
ROMO0479	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	07/14/66-07/14/66	0	1	
ROMO0480	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/23/65-08/28/65	0	5	
ROMO0506	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	07/21/81-08/24/81	0	16	
ROMO0512	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	07/21/81-08/24/81	0	16	
ROMO0542	Yes	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	07/21/81-08/24/81	0	16	
ROMO0673	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/18/65-03/20/65	0	3	
ROMO0678	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/18/65-03/20/65	0	3	
ROMO0681	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/18/65-03/20/65	0	3	
ROMO0684	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/18/65-03/20/65	0	3	
ROMO0081	No	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	10/03/75-10/03/75	0	1	
ROMO0673	No	31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	06/09/64-10/03/64	0	11	
ROMO0678	No	31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	04/28/64-10/03/64	0	20	
ROMO0681	No	31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	04/28/64-10/03/64	0	18	
ROMO0684	No	31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	04/28/64-10/03/64	0	17	
ROMO0085	Yes	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	05/17/94-06/17/96	2	10	
ROMO0092	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/11/94-05/07/96	2	15	
ROMO0127	Yes	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	06/14/94-07/01/96	2	8	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0064	No	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	08/26/75-10/10/75	0	2	
ROMO0075	No	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	08/26/75-10/10/75	0	2	
ROMO0132	No	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	08/26/75-10/10/75	0	2	
ROMO0136	No	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	08/26/75-10/10/75	0	2	
ROMO0143	No	32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	08/26/75-10/10/75	0	2	
ROMO0404	Yes	34790	SURFACTANTS, AS CTAS, WATER MG/L	10/10/95-10/10/95	0	1	
ROMO0404	Yes	34795	ANTIMONY,SED,BOT,	10/10/95-10/10/95	0	1	
ROMO0404	Yes	34800	ARSENIC,SED,BOT,WET SIEVE,	10/10/95-10/10/95	0	1	
ROMO0404	Yes	34805	BARIUM,SED,BOT,	10/10/95-10/10/95	0	1	
ROMO0404	Yes	34810	BERYLLIUM,SED,BOT,WET SIEVE,	10/10/95-10/10/95	0	1	
ROMO0404	Yes	34816	BISMUTH,SED,BOT,WET SIEVE,	10/10/95-10/10/95	0	1	
ROMO0404	Yes	34825	CADMIUM,SED,BOT,	10/10/95-10/10/95	0	1	
ROMO0404	Yes	34830	CALCIUM,SED,BOT,	10/10/95-10/10/95	0	1	
ROMO0404	Yes	34835	CERIUM,SED,BOT,	10/10/95-10/10/95	0	1	
ROMO0404	Yes	34840	CHROMIUM,SED,BOT,	10/10/95-10/10/95	0	1	
ROMO0404	Yes	34845	COBALT,SED,BOT,	10/10/95-10/10/95	0	1	
ROMO0404	Yes	34850	COPPER,SED,BOT,	10/10/95-10/10/95	0	1	
ROMO0404	Yes	34855	EUROPIUM,SED,BOT,	10/10/95-10/10/95	0	1	
ROMO0404	Yes	34860	GALLIUM,SED,BOT,	10/10/95-10/10/95	0	1	
ROMO0404	Yes	34870	GOLD,SED,BOT,	10/10/95-10/10/95	0	1	
ROMO0404	Yes	34875	HOLMIUM,SED,BOT,	10/10/95-10/10/95	0	1	
ROMO0404	Yes	34880	IRON,SED,BOT,	10/10/95-10/10/95	0	1	
ROMO0404	Yes	34885	LANTHANUM,SED,BOT,	10/10/95-10/10/95	0	1	
ROMO0404	Yes	34890	LEAD,SED,BOT,	10/10/95-10/10/95	0	1	
ROMO0404	Yes	34895	LITHIUM,SED,BOT,	10/10/95-10/10/95	0	1	
ROMO0404	Yes	34900	MAGNESIUM,SED,BOT,	10/10/95-10/10/95	0	1	
ROMO0404	Yes	34905	MANGANESE,SED,BOT,	10/10/95-10/10/95	0	1	
ROMO0404	Yes	34910	MERCURY,SED,BOT,	10/10/95-10/10/95	0	1	
ROMO0404	Yes	34915	MOLYBDENUM,SED,BOT,	10/10/95-10/10/95	0	1	
ROMO0404	Yes	34920	NEODYMIUM,SED,BOT,	10/10/95-10/10/95	0	1	
ROMO0404	Yes	34925	NICKEL,SED,BOT,	10/10/95-10/10/95	0	1	
ROMO0404	Yes	34930	NIOBIUM,SED,BOT,	10/10/95-10/10/95	0	1	
ROMO0404	Yes	34935	PHOSPHORUS,SED,BOT,	10/10/95-10/10/95	0	1	
ROMO0404	Yes	34940	POTASSIUM,SED,BOT,	10/10/95-10/10/95	0	1	
ROMO0404	Yes	34945	SCANDIUM,SED,BOT,	10/10/95-10/10/95	0	1	
ROMO0404	Yes	34950	SELENIUM,SED,BOT,	10/10/95-10/10/95	0	1	
ROMO0404	Yes	34955	SILVER,SED,BOT,	10/10/95-10/10/95	0	1	
ROMO0404	Yes	34960	SODIUM,SED,BOT,	10/10/95-10/10/95	0	1	
ROMO0404	Yes	34965	STRONTIUM,SED,BOT,	10/10/95-10/10/95	0	1	
ROMO0404	Yes	34970	SULFUR,SED,BOT,	10/10/95-10/10/95	0	1	
ROMO0404	Yes	34975	TANTALUM,SED,BOT,	10/10/95-10/10/95	0	1	
ROMO0404	Yes	34980	THORIUM,SED,BOT,	10/10/95-10/10/95	0	1	
ROMO0404	Yes	34985	TIN,SED,BOT,	10/10/95-10/10/95	0	1	
ROMO0404	Yes	35000	URANIUM,SED,BOT,	10/10/95-10/10/95	0	1	
ROMO0404	Yes	35005	VANADIUM,SED,BOT,	10/10/95-10/10/95	0	1	
ROMO0404	Yes	35010	YTTRIUM,SED,BOT,	10/10/95-10/10/95	0	1	
ROMO0404	Yes	35015	YTTERBIUM,SED,BOT,	10/10/95-10/10/95	0	1	
ROMO0404	Yes	35020	ZINC,SED,BOT,	10/10/95-10/10/95	0	1	
ROMO0009	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	09/07/66-09/07/66	0	1	
ROMO0047	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	11/06/75-11/06/75	0	1	
ROMO0068	Yes	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	08/14/75-08/14/75	0	1	
ROMO0081	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	10/03/75-10/03/75	0	1	
ROMO0084	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	09/07/66-09/07/66	0	1	
ROMO0110	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	11/27/73-11/27/73	0	1	
ROMO0152	Yes	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	09/07/66-09/07/66	0	1	
ROMO0433	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	07/19/66-08/23/66	0	2	
ROMO0461	Yes	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	07/14/66-08/23/66	0	2	
ROMO0476	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	08/23/65-08/28/65	0	4	
ROMO0479	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	07/14/66-08/23/66	0	3	
ROMO0480	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	08/23/65-08/28/65	0	4	
ROMO0481	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	03/09/66-08/24/66	0	5	
ROMO0483	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	12/17/71-09/08/77	5	22	
ROMO0499	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	07/19/66-07/19/66	0	1	
ROMO0501	Yes	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	07/13/66-08/23/66	0	3	
ROMO0503	Yes	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	07/13/66-08/23/66	0	3	
ROMO0404	Yes	39086	ALKALINITY,WATER,DISS,INCR TIT,FIELD,AS CACO3,MG/L	01/26/95-03/17/97	2	29	
ROMO0447	Yes	39086	ALKALINITY,WATER,DISS,INCR TIT,FIELD,AS CACO3,MG/L	10/04/95-07/15/96	0	10	
ROMO0011	No	46460	CHLOROPHYLL-A, SPECTRO,CORRECT FOR PHEOPHYTIN UG/L	09/13/90-09/13/90	0	1	
ROMO0020	No	46460	CHLOROPHYLL-A, SPECTRO,CORRECT FOR PHEOPHYTIN UG/L	08/21/90-08/21/90	0	2	
ROMO0026	No	46460	CHLOROPHYLL-A, SPECTRO,CORRECT FOR PHEOPHYTIN UG/L	09/13/90-09/13/90	0	1	
ROMO0028	No	46460	CHLOROPHYLL-A, SPECTRO,CORRECT FOR PHEOPHYTIN UG/L	09/13/90-09/13/90	0	1	
ROMO0133	No	46460	CHLOROPHYLL-A, SPECTRO,CORRECT FOR PHEOPHYTIN UG/L	08/21/90-09/14/90	0	2	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0141	No	46460	CHLOROPHYLL-A, SPECTRO,CORRECT FOR PHEOPHYTIN UG/L	09/02/92-09/27/93	1	4	
ROMO0142	No	46460	CHLOROPHYLL-A, SPECTRO,CORRECT FOR PHEOPHYTIN UG/L	09/02/92-09/27/93	1	4	
ROMO0151	No	46460	CHLOROPHYLL-A, SPECTRO,CORRECT FOR PHEOPHYTIN UG/L	08/20/90-08/20/90	0	1	
ROMO0086	No	46552	CALCIUM,FIELD ACIDIFIED W/HNO3 LAB FILTER(MG/L)	02/17/93-11/01/94	1	50	
ROMO0174	Yes	46552	CALCIUM,FIELD ACIDIFIED W/HNO3 LAB FILTER(MG/L)	09/06/93-07/20/94	0	2	
ROMO0178	Yes	46552	CALCIUM,FIELD ACIDIFIED W/HNO3 LAB FILTER(MG/L)	08/30/94-08/30/94	0	1	
ROMO0179	Yes	46552	CALCIUM,FIELD ACIDIFIED W/HNO3 LAB FILTER(MG/L)	09/06/93-07/20/94	0	2	
ROMO0202	Yes	46552	CALCIUM,FIELD ACIDIFIED W/HNO3 LAB FILTER(MG/L)	08/30/94-08/30/94	0	1	
ROMO0246	Yes	46552	CALCIUM,FIELD ACIDIFIED W/HNO3 LAB FILTER(MG/L)	07/20/94-10/09/94	0	3	
ROMO0263	Yes	46552	CALCIUM,FIELD ACIDIFIED W/HNO3 LAB FILTER(MG/L)	09/06/93-10/09/94	1	4	
ROMO0281	Yes	46552	CALCIUM,FIELD ACIDIFIED W/HNO3 LAB FILTER(MG/L)	09/06/93-09/06/93	0	1	
ROMO0282	Yes	46552	CALCIUM,FIELD ACIDIFIED W/HNO3 LAB FILTER(MG/L)	09/06/93-10/09/94	1	6	
ROMO0293	Yes	46552	CALCIUM,FIELD ACIDIFIED W/HNO3 LAB FILTER(MG/L)	09/06/93-10/09/94	1	4	
ROMO0305	Yes	46552	CALCIUM,FIELD ACIDIFIED W/HNO3 LAB FILTER(MG/L)	09/06/93-10/09/94	1	4	
ROMO0339	Yes	46552	CALCIUM,FIELD ACIDIFIED W/HNO3 LAB FILTER(MG/L)	09/06/93-10/09/94	1	5	
ROMO0381	Yes	46552	CALCIUM,FIELD ACIDIFIED W/HNO3 LAB FILTER(MG/L)	02/17/93-11/01/94	1	244	
ROMO0382	Yes	46552	CALCIUM,FIELD ACIDIFIED W/HNO3 LAB FILTER(MG/L)	07/06/94-08/17/94	0	3	
ROMO0416	Yes	46552	CALCIUM,FIELD ACIDIFIED W/HNO3 LAB FILTER(MG/L)	07/06/94-08/17/94	0	2	
ROMO0419	Yes	46552	CALCIUM,FIELD ACIDIFIED W/HNO3 LAB FILTER(MG/L)	07/06/94-07/06/94	0	1	
ROMO0420	Yes	46552	CALCIUM,FIELD ACIDIFIED W/HNO3 LAB FILTER(MG/L)	07/06/94-07/06/94	0	1	
ROMO0424	Yes	46552	CALCIUM,FIELD ACIDIFIED W/HNO3 LAB FILTER(MG/L)	09/11/93-08/17/94	0	5	
ROMO0426	Yes	46552	CALCIUM,FIELD ACIDIFIED W/HNO3 LAB FILTER(MG/L)	09/11/93-08/17/94	0	3	
ROMO0436	Yes	46552	CALCIUM,FIELD ACIDIFIED W/HNO3 LAB FILTER(MG/L)	02/17/93-10/19/93	0	24	
ROMO0437	Yes	46552	CALCIUM,FIELD ACIDIFIED W/HNO3 LAB FILTER(MG/L)	02/11/93-11/01/94	1	49	
ROMO0438	Yes	46552	CALCIUM,FIELD ACIDIFIED W/HNO3 LAB FILTER(MG/L)	02/11/93-11/01/94	1	49	
ROMO0440	Yes	46552	CALCIUM,FIELD ACIDIFIED W/HNO3 LAB FILTER(MG/L)	02/11/93-11/01/94	1	210	
ROMO0444	Yes	46552	CALCIUM,FIELD ACIDIFIED W/HNO3 LAB FILTER(MG/L)	07/19/93-10/20/94	1	26	
ROMO0448	Yes	46552	CALCIUM,FIELD ACIDIFIED W/HNO3 LAB FILTER(MG/L)	02/17/93-11/01/94	1	49	
ROMO0510	Yes	46552	CALCIUM,FIELD ACIDIFIED W/HNO3 LAB FILTER(MG/L)	03/10/94-11/01/94	0	24	
ROMO0086	No	46554	MAGNESIUM,FIELD ACIDIFIED-HNO3-LAB FILT(MG/L-MG)	02/17/93-11/01/94	1	50	
ROMO0174	Yes	46554	MAGNESIUM,FIELD ACIDIFIED-HNO3-LAB FILT(MG/L-MG)	09/06/93-07/20/94	0	2	
ROMO0178	Yes	46554	MAGNESIUM,FIELD ACIDIFIED-HNO3-LAB FILT(MG/L-MG)	08/30/94-08/30/94	0	1	
ROMO0179	Yes	46554	MAGNESIUM,FIELD ACIDIFIED-HNO3-LAB FILT(MG/L-MG)	09/06/93-07/20/94	0	2	
ROMO0202	Yes	46554	MAGNESIUM,FIELD ACIDIFIED-HNO3-LAB FILT(MG/L-MG)	08/30/94-08/30/94	0	1	
ROMO0246	Yes	46554	MAGNESIUM,FIELD ACIDIFIED-HNO3-LAB FILT(MG/L-MG)	07/20/94-10/09/94	0	3	
ROMO0263	Yes	46554	MAGNESIUM,FIELD ACIDIFIED-HNO3-LAB FILT(MG/L-MG)	09/06/93-10/09/94	1	4	
ROMO0281	Yes	46554	MAGNESIUM,FIELD ACIDIFIED-HNO3-LAB FILT(MG/L-MG)	09/06/93-09/06/93	0	1	
ROMO0282	Yes	46554	MAGNESIUM,FIELD ACIDIFIED-HNO3-LAB FILT(MG/L-MG)	09/06/93-10/09/94	1	6	
ROMO0293	Yes	46554	MAGNESIUM,FIELD ACIDIFIED-HNO3-LAB FILT(MG/L-MG)	09/06/93-10/09/94	1	4	
ROMO0305	Yes	46554	MAGNESIUM,FIELD ACIDIFIED-HNO3-LAB FILT(MG/L-MG)	09/06/93-10/09/94	1	4	
ROMO0339	Yes	46554	MAGNESIUM,FIELD ACIDIFIED-HNO3-LAB FILT(MG/L-MG)	09/06/93-10/09/94	1	5	
ROMO0381	Yes	46554	MAGNESIUM,FIELD ACIDIFIED-HNO3-LAB FILT(MG/L-MG)	02/17/93-11/01/94	1	244	
ROMO0382	Yes	46554	MAGNESIUM,FIELD ACIDIFIED-HNO3-LAB FILT(MG/L-MG)	07/06/94-08/17/94	0	3	
ROMO0416	Yes	46554	MAGNESIUM,FIELD ACIDIFIED-HNO3-LAB FILT(MG/L-MG)	07/06/94-08/17/94	0	2	
ROMO0419	Yes	46554	MAGNESIUM,FIELD ACIDIFIED-HNO3-LAB FILT(MG/L-MG)	07/06/94-07/06/94	0	1	
ROMO0420	Yes	46554	MAGNESIUM,FIELD ACIDIFIED-HNO3-LAB FILT(MG/L-MG)	07/06/94-07/06/94	0	1	
ROMO0424	Yes	46554	MAGNESIUM,FIELD ACIDIFIED-HNO3-LAB FILT(MG/L-MG)	09/11/93-08/17/94	0	5	
ROMO0426	Yes	46554	MAGNESIUM,FIELD ACIDIFIED-HNO3-LAB FILT(MG/L-MG)	09/11/93-08/17/94	0	3	
ROMO0436	Yes	46554	MAGNESIUM,FIELD ACIDIFIED-HNO3-LAB FILT(MG/L-MG)	02/17/93-10/19/93	0	24	
ROMO0437	Yes	46554	MAGNESIUM,FIELD ACIDIFIED-HNO3-LAB FILT(MG/L-MG)	02/11/93-11/01/94	1	49	
ROMO0438	Yes	46554	MAGNESIUM,FIELD ACIDIFIED-HNO3-LAB FILT(MG/L-MG)	02/11/93-11/01/94	1	49	
ROMO0440	Yes	46554	MAGNESIUM,FIELD ACIDIFIED-HNO3-LAB FILT(MG/L-MG)	02/11/93-11/01/94	1	210	
ROMO0444	Yes	46554	MAGNESIUM,FIELD ACIDIFIED-HNO3-LAB FILT(MG/L-MG)	07/19/93-10/20/94	1	26	
ROMO0448	Yes	46554	MAGNESIUM,FIELD ACIDIFIED-HNO3-LAB FILT(MG/L-MG)	02/17/93-11/01/94	1	49	
ROMO0510	Yes	46554	MAGNESIUM,FIELD ACIDIFIED-HNO3-LAB FILT(MG/L-MG)	03/10/94-11/01/94	0	24	
ROMO0086	No	46555	POTASSIUM,FIELD ACIDIFIED-HNO3-LAB FILT.(MG/L-K))	02/17/93-11/01/94	1	50	
ROMO0174	Yes	46555	POTASSIUM,FIELD ACIDIFIED-HNO3-LAB FILT.(MG/L-K))	09/06/93-07/20/94	0	2	
ROMO0178	Yes	46555	POTASSIUM,FIELD ACIDIFIED-HNO3-LAB FILT.(MG/L-K))	08/30/94-08/30/94	0	1	
ROMO0179	Yes	46555	POTASSIUM,FIELD ACIDIFIED-HNO3-LAB FILT.(MG/L-K))	09/06/93-07/20/94	0	2	
ROMO0202	Yes	46555	POTASSIUM,FIELD ACIDIFIED-HNO3-LAB FILT.(MG/L-K))	08/30/94-08/30/94	0	1	
ROMO0246	Yes	46555	POTASSIUM,FIELD ACIDIFIED-HNO3-LAB FILT.(MG/L-K))	07/20/94-10/09/94	0	3	
ROMO0263	Yes	46555	POTASSIUM,FIELD ACIDIFIED-HNO3-LAB FILT.(MG/L-K))	09/06/93-10/09/94	1	4	
ROMO0281	Yes	46555	POTASSIUM,FIELD ACIDIFIED-HNO3-LAB FILT.(MG/L-K))	09/06/93-09/06/93	0	1	
ROMO0282	Yes	46555	POTASSIUM,FIELD ACIDIFIED-HNO3-LAB FILT.(MG/L-K))	09/06/93-10/09/94	1	6	
ROMO0293	Yes	46555	POTASSIUM,FIELD ACIDIFIED-HNO3-LAB FILT.(MG/L-K))	09/06/93-10/09/94	1	4	
ROMO0305	Yes	46555	POTASSIUM,FIELD ACIDIFIED-HNO3-LAB FILT.(MG/L-K))	09/06/93-10/09/94	1	4	
ROMO0339	Yes	46555	POTASSIUM,FIELD ACIDIFIED-HNO3-LAB FILT.(MG/L-K))	09/06/93-10/09/94	1	5	
ROMO0381	Yes	46555	POTASSIUM,FIELD ACIDIFIED-HNO3-LAB FILT.(MG/L-K))	02/17/93-11/01/94	1	244	
ROMO0382	Yes	46555	POTASSIUM,FIELD ACIDIFIED-HNO3-LAB FILT.(MG/L-K))	07/06/94-08/17/94	0	3	
ROMO0416	Yes	46555	POTASSIUM,FIELD ACIDIFIED-HNO3-LAB FILT.(MG/L-K))	07/06/94-08/17/94	0	2	
ROMO0419	Yes	46555	POTASSIUM,FIELD ACIDIFIED-HNO3-LAB FILT.(MG/L-K))	07/06/94-07/06/94	0	1	
ROMO0420	Yes	46555	POTASSIUM,FIELD ACIDIFIED-HNO3-LAB FILT.(MG/L-K))	07/06/94-07/06/94	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0424	Yes	46555	POTASSIUM,FIELD ACIDIFIED-HNO3-LAB FILT.(MG/L-K))	09/11/93-08/17/94	0	5	
ROMO0426	Yes	46555	POTASSIUM,FIELD ACIDIFIED-HNO3-LAB FILT.(MG/L-K))	09/11/93-08/17/94	0	3	
ROMO0436	Yes	46555	POTASSIUM,FIELD ACIDIFIED-HNO3-LAB FILT.(MG/L-K))	02/17/93-10/19/93	0	24	
ROMO0437	Yes	46555	POTASSIUM,FIELD ACIDIFIED-HNO3-LAB FILT.(MG/L-K))	02/11/93-11/01/94	1	49	
ROMO0438	Yes	46555	POTASSIUM,FIELD ACIDIFIED-HNO3-LAB FILT.(MG/L-K))	02/11/93-11/01/94	1	49	
ROMO0440	Yes	46555	POTASSIUM,FIELD ACIDIFIED-HNO3-LAB FILT.(MG/L-K))	02/11/93-11/01/94	1	214	
ROMO0444	Yes	46555	POTASSIUM,FIELD ACIDIFIED-HNO3-LAB FILT.(MG/L-K))	07/19/93-10/20/94	1	26	
ROMO0448	Yes	46555	POTASSIUM,FIELD ACIDIFIED-HNO3-LAB FILT.(MG/L-K))	02/17/93-11/01/94	1	49	
ROMO0510	Yes	46555	POTASSIUM,FIELD ACIDIFIED-HNO3-LAB FILT.(MG/L-K))	03/10/94-11/01/94	0	24	
ROMO0086	No	46556	SODIUM, FIELD ACIDIFIED W/HNO3, LAB FILTERED MG/L	02/17/93-11/01/94	1	50	
ROMO0174	Yes	46556	SODIUM, FIELD ACIDIFIED W/HNO3, LAB FILTERED MG/L	09/06/93-07/20/94	0	2	
ROMO0178	Yes	46556	SODIUM, FIELD ACIDIFIED W/HNO3, LAB FILTERED MG/L	08/30/94-08/30/94	0	1	
ROMO0179	Yes	46556	SODIUM, FIELD ACIDIFIED W/HNO3, LAB FILTERED MG/L	09/06/93-07/20/94	0	2	
ROMO0202	Yes	46556	SODIUM, FIELD ACIDIFIED W/HNO3, LAB FILTERED MG/L	08/30/94-08/30/94	0	1	
ROMO0246	Yes	46556	SODIUM, FIELD ACIDIFIED W/HNO3, LAB FILTERED MG/L	07/20/94-10/09/94	0	3	
ROMO0263	Yes	46556	SODIUM, FIELD ACIDIFIED W/HNO3, LAB FILTERED MG/L	09/06/93-10/09/94	1	4	
ROMO0281	Yes	46556	SODIUM, FIELD ACIDIFIED W/HNO3, LAB FILTERED MG/L	09/06/93-09/06/93	0	1	
ROMO0282	Yes	46556	SODIUM, FIELD ACIDIFIED W/HNO3, LAB FILTERED MG/L	09/06/93-10/09/94	1	6	
ROMO0293	Yes	46556	SODIUM, FIELD ACIDIFIED W/HNO3, LAB FILTERED MG/L	09/06/93-10/09/94	1	4	
ROMO0305	Yes	46556	SODIUM, FIELD ACIDIFIED W/HNO3, LAB FILTERED MG/L	09/06/93-10/09/94	1	4	
ROMO0339	Yes	46556	SODIUM, FIELD ACIDIFIED W/HNO3, LAB FILTERED MG/L	09/06/93-10/09/94	1	5	
ROMO0381	Yes	46556	SODIUM, FIELD ACIDIFIED W/HNO3, LAB FILTERED MG/L	02/17/93-11/01/94	1	243	
ROMO0382	Yes	46556	SODIUM, FIELD ACIDIFIED W/HNO3, LAB FILTERED MG/L	07/06/94-08/17/94	0	3	
ROMO0416	Yes	46556	SODIUM, FIELD ACIDIFIED W/HNO3, LAB FILTERED MG/L	07/06/94-08/17/94	0	2	
ROMO0419	Yes	46556	SODIUM, FIELD ACIDIFIED W/HNO3, LAB FILTERED MG/L	07/06/94-07/06/94	0	1	
ROMO0420	Yes	46556	SODIUM, FIELD ACIDIFIED W/HNO3, LAB FILTERED MG/L	07/06/94-07/06/94	0	1	
ROMO0424	Yes	46556	SODIUM, FIELD ACIDIFIED W/HNO3, LAB FILTERED MG/L	09/11/93-08/17/94	0	5	
ROMO0426	Yes	46556	SODIUM, FIELD ACIDIFIED W/HNO3, LAB FILTERED MG/L	09/11/93-08/17/94	0	3	
ROMO0436	Yes	46556	SODIUM, FIELD ACIDIFIED W/HNO3, LAB FILTERED MG/L	02/17/93-10/19/93	0	24	
ROMO0437	Yes	46556	SODIUM, FIELD ACIDIFIED W/HNO3, LAB FILTERED MG/L	02/11/93-11/01/94	1	49	
ROMO0438	Yes	46556	SODIUM, FIELD ACIDIFIED W/HNO3, LAB FILTERED MG/L	02/11/93-11/01/94	1	49	
ROMO0440	Yes	46556	SODIUM, FIELD ACIDIFIED W/HNO3, LAB FILTERED MG/L	02/11/93-11/01/94	1	210	
ROMO0444	Yes	46556	SODIUM, FIELD ACIDIFIED W/HNO3, LAB FILTERED MG/L	07/19/93-10/20/94	1	26	
ROMO0448	Yes	46556	SODIUM, FIELD ACIDIFIED W/HNO3, LAB FILTERED MG/L	02/17/93-11/01/94	1	49	
ROMO0510	Yes	46556	SODIUM, FIELD ACIDIFIED W/HNO3, LAB FILTERED MG/L	03/10/94-11/01/94	0	24	
ROMO0404	Yes	49237	ALUMINUM, DRY WEIGHT, TISSUE/BIOTA,RECV UG/G	08/14/95-08/14/95	0	1	
ROMO0404	Yes	49238	BARIUM, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	08/14/95-08/14/95	0	1	
ROMO0404	Yes	49239	BORON, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	08/14/95-08/14/95	0	1	
ROMO0404	Yes	49240	CHROMIUM, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	08/14/95-08/14/95	0	1	
ROMO0404	Yes	49241	COPPER, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	08/14/95-08/14/95	0	1	
ROMO0404	Yes	49242	IRON, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	08/14/95-08/14/95	0	1	
ROMO0404	Yes	49243	MANGANESE, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	08/14/95-08/14/95	0	1	
ROMO0404	Yes	49244	STRONTIUM, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	08/14/95-08/14/95	0	1	
ROMO0404	Yes	49245	ZINC, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	08/14/95-08/14/95	0	1	
ROMO0404	Yes	49246	ANTIMONY, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	08/14/95-08/14/95	0	1	
ROMO0404	Yes	49247	ARSENIC, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	08/14/95-08/14/95	0	1	
ROMO0404	Yes	49248	BERYLLIUM, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	08/14/95-08/14/95	0	1	
ROMO0404	Yes	49249	CADMIUM, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	08/14/95-08/14/95	0	1	
ROMO0404	Yes	49250	COBALT, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	08/14/95-08/14/95	0	1	
ROMO0404	Yes	49251	LEAD, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	08/14/95-08/14/95	0	1	
ROMO0404	Yes	49252	MOLYBDENUM, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	08/14/95-08/14/95	0	1	
ROMO0404	Yes	49253	NICKEL, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	08/14/95-08/14/95	0	1	
ROMO0404	Yes	49254	SELENIUM, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	08/14/95-08/14/95	0	1	
ROMO0404	Yes	49255	SILVER, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	08/14/95-08/14/95	0	1	
ROMO0404	Yes	49257	URANIUM, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	08/14/95-08/14/95	0	1	
ROMO0404	Yes	49258	MERCURY, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	08/14/95-08/14/95	0	1	
ROMO0447	Yes	49261	ALPHA-BHC,D6, WET WT.,TISSUE,WHOLE ORG,RECV %	08/20/96-08/20/96	0	1	
ROMO0447	Yes	49264	BIPHENYL,3,5-DICHLORO-,WET WT,TISS,WHL ORG,RECV %	08/20/96-08/20/96	0	1	
ROMO0404	Yes	49266	CARBON,ORGANIC,DRY WEIGHT,SEDIMENT,RECV,SIEVE	10/10/95-10/10/95	0	1	
ROMO0404	Yes	49267	CARBON,ORGANIC+INORGANIC,DRYWT,RECV,SIEVE	10/10/95-10/10/95	0	1	
ROMO0404	Yes	49269	CARBON,INORGANIC, DRY WT, SEDIMENT,RECV,SIEVE	10/10/95-10/10/95	0	1	
ROMO0404	Yes	49270	CARBON,INORGANIC, DRY WT,SEDIMENT,RECV,SIEVE	10/10/95-10/10/95	0	1	
ROMO0404	Yes	49271	CARBON,ORGANIC,DRY WT,SEDIMENT,RECV,SIEVE	10/10/95-10/10/95	0	1	
ROMO0404	Yes	49272	CARBON,ORGANIC+INORGANIC,DRYWT,RECV,SIEVE	10/10/95-10/10/95	0	1	
ROMO0404	Yes	49273	WATER PRESENT,DRY WT,TISSUE/BIOTA,LIVER,RECV UG/G	08/14/95-08/14/95	0	1	
ROMO0404	Yes	49274	TITANIUM, DRY WT, SIEVE	10/10/95-10/10/95	0	1	
ROMO0404	Yes	49275	ALPHA-BHC,D6, DRY WT,SIEVE	10/10/95-10/10/95	0	1	
ROMO0404	Yes	49276	OCTACHLOROBIPHENYL,DRY WT,SIEVE	10/10/95-10/10/95	0	1	
ROMO0404	Yes	49277	BIPHENYL,3,5-DICHLORO-,DRY WT,SIEVE	10/10/95-10/10/95	0	1	
ROMO0404	Yes	49278	TERPHENYL,D14-,DRY WT,SIEVE	10/10/95-10/10/95	0	1	
ROMO0404	Yes	49279	BIPHENYL, 2-FLUORO,DRY WT,SIEVE	10/10/95-10/10/95	0	1	
ROMO0404	Yes	49280	BENZENE,NITRO-,D5,DRY WT,SIEVE	10/10/95-10/10/95	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0447	Yes	49289	LIPIDS, WET WEIGHT, TISSUE, WHOLE ORGANISM,RECV %	08/20/96-08/20/96	0	1	
ROMO0404	Yes	49316	NONACHLOR,CIS-,DRY WEIGHT,SEDIMENT,SIEVE	10/10/95-10/10/95	0	1	
ROMO0404	Yes	49317	NONACHLOR,TRANS-,DRY WT,SEDIMENT,SIEVE	10/10/95-10/10/95	0	1	
ROMO0404	Yes	49318	OXYCHLORDANE,DRY WEIGHT,SEDIMENT,SIEVE	10/10/95-10/10/95	0	1	
ROMO0404	Yes	49319	ALDRIN,DRY WEIGHT,SEDIMENT,SIEVE	10/10/95-10/10/95	0	1	
ROMO0404	Yes	49320	CHLORDANE, CIS-,DRY WT,SEDIMENT,SIEVE	10/10/95-10/10/95	0	1	
ROMO0404	Yes	49321	CHLORDANE,TRANS-,DRY WT,SEDIMENT,SIEVE	10/10/95-10/10/95	0	1	
ROMO0404	Yes	49322	CHLORONEB,DRY WT,SEDIMENT,SIEVE	10/10/95-10/10/95	0	1	
ROMO0404	Yes	49324	DCPA,DRY WEIGHT,SEDIMENT,SIEVE	10/10/95-10/10/95	0	1	
ROMO0404	Yes	49325	DDD,O,P'-,DRY WEIGHT,SEDIMENT,SIEVE	10/10/95-10/10/95	0	1	
ROMO0404	Yes	49326	DDD,P,P'-,DRY WEIGHT,SEDIMENT,SIEVE	10/10/95-10/10/95	0	1	
ROMO0404	Yes	49327	DDE,O,P'-,DRY WEIGHT,SEDIMENT,SIEVE	10/10/95-10/10/95	0	1	
ROMO0404	Yes	49328	DDE,P,P'-,DRY WEIGHT,SEDIMENT,SIEVE	10/10/95-10/10/95	0	1	
ROMO0404	Yes	49329	DDT,O,P'-,DRY WT,SEDIMENT,SIEVE	10/10/95-10/10/95	0	1	
ROMO0404	Yes	49330	DDT,P,P'-,DRY WT,SEDIMENT,SIEVE	10/10/95-10/10/95	0	1	
ROMO0404	Yes	49331	DIELDRIN,DRY WEIGHT,SEDIMENT,SIEVE	10/10/95-10/10/95	0	1	
ROMO0404	Yes	49332	ENDOSULFAN I,DRY WEIGHT,SEDIMENT,SIEVE	10/10/95-10/10/95	0	1	
ROMO0404	Yes	49335	ENDRIN,DRY WEIGHT,SEDIMENT,SIEVE	10/10/95-10/10/95	0	1	
ROMO0404	Yes	49338	ALPHA-BHC,DRY WEIGHT,SEDIMENT,SIEVE	10/10/95-10/10/95	0	1	
ROMO0404	Yes	49339	BETA-BHC,DRY WEIGHT,SEDIMENT,SIEVE	10/10/95-10/10/95	0	1	
ROMO0404	Yes	49341	HEPTACHLOR,DRY WEIGHT,SEDIMENT,SIEVE	10/10/95-10/10/95	0	1	
ROMO0404	Yes	49342	HEPTACHLOR EPOXIDE,DRY WT,SEDIMENT,SIEVE	10/10/95-10/10/95	0	1	
ROMO0404	Yes	49343	HEXACHLOROBENZENE,DRY WT,SEDIMENT,SIEVE	10/10/95-10/10/95	0	1	
ROMO0404	Yes	49344	ISODRIN,DRY WEIGHT,SEDIMENT,SIEVE	10/10/95-10/10/95	0	1	
ROMO0404	Yes	49345	LINDANE,DRY WEIGHT,SEDIMENT,SIEVE	10/10/95-10/10/95	0	1	
ROMO0404	Yes	49346	METHOXYCHLOR,P,P'-,DRY WT,SED,SIEVE	10/10/95-10/10/95	0	1	
ROMO0404	Yes	49347	METHOXYCHLOR,O,P'-,DRY WT,SED,SIEVE	10/10/95-10/10/95	0	1	
ROMO0404	Yes	49348	MIREX,DRY WEIGHT,SEDIMENT,SIEVE	10/10/95-10/10/95	0	1	
ROMO0404	Yes	49349	PERMETHRIN,CIS-,DRY WT,SED,SIEVE	10/10/95-10/10/95	0	1	
ROMO0404	Yes	49350	PERMETHRIN,TRANS-,DRY WT,SED,SIEVE	10/10/95-10/10/95	0	1	
ROMO0404	Yes	49351	TOXAPHENE,DRY WEIGHT,SEDIMENT,SIEVE	10/10/95-10/10/95	0	1	
ROMO0447	Yes	49353	ALDRIN,WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	08/20/96-08/20/96	0	1	
ROMO0447	Yes	49354	PCB, WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	08/20/96-08/20/96	0	1	
ROMO0447	Yes	49355	TOXAPHENE, WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	08/20/96-08/20/96	0	1	
ROMO0447	Yes	49356	PENTACHLOROANISOLE,WET WT,TISS,WHOLE ORG,RECVUG/KG	08/20/96-08/20/96	0	1	
ROMO0447	Yes	49357	OXYCHLORDANE,WET WT,TISSUE,WHOLE ORG,RECV UG/KG	08/20/96-08/20/96	0	1	
ROMO0447	Yes	49358	NONACHLOR,TRANS-,WET WT,TISS,WHOLE ORG,RECV UG/KG	08/20/96-08/20/96	0	1	
ROMO0447	Yes	49359	NONACHLOR,CIS-,WET WT,TISS,WHOLE ORG,RECV UG/KG	08/20/96-08/20/96	0	1	
ROMO0447	Yes	49360	MIREX,WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	08/20/96-08/20/96	0	1	
ROMO0447	Yes	49361	METHOXYCHLOR,P,P'-,WET WT,TISS,WHOLE ORG,RECVUG/KG	08/20/96-08/20/96	0	1	
ROMO0447	Yes	49362	METHOXYCHLOR,O,P'-,WET WT,TISS,WHOLE ORG,RECVUG/KG	08/20/96-08/20/96	0	1	
ROMO0447	Yes	49363	LINDANE,WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	08/20/96-08/20/96	0	1	
ROMO0447	Yes	49364	DELTA-BHC,WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	08/20/96-08/20/96	0	1	
ROMO0447	Yes	49365	BETA-BHC,WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	08/20/96-08/20/96	0	1	
ROMO0447	Yes	49366	ALPHA-BHC,WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	08/20/96-08/20/96	0	1	
ROMO0447	Yes	49367	HEXACHLOROBENZENE,WET WT,TISS,WHOLE ORG,RECV UG/KG	08/20/96-08/20/96	0	1	
ROMO0447	Yes	49368	HEPTACHLOR EPOXIDE,WET WT,TISS,WHOLE ORG,RECVUG/KG	08/20/96-08/20/96	0	1	
ROMO0447	Yes	49369	HEPTACHLOR,WET WT,TISSUE,WHOLE ORG,RECV UG/KG	08/20/96-08/20/96	0	1	
ROMO0447	Yes	49370	ENDRIN,WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	08/20/96-08/20/96	0	1	
ROMO0447	Yes	49371	DIELDRIN,WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	08/20/96-08/20/96	0	1	
ROMO0447	Yes	49372	DDE,P,P',WET WT,TISSUE,WHOLE ORG,RECV UG/KG	08/20/96-08/20/96	0	1	
ROMO0447	Yes	49373	DDE,O,P'-,WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	08/20/96-08/20/96	0	1	
ROMO0447	Yes	49374	DDD,O,P'-,WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	08/20/96-08/20/96	0	1	
ROMO0447	Yes	49375	DDD,P,P'-,WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	08/20/96-08/20/96	0	1	
ROMO0447	Yes	49376	DDT,P,P',WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	08/20/96-08/20/96	0	1	
ROMO0447	Yes	49377	DDT,O,P',WET WT,TISSUE,WHOLE ORG,RECV UG/KG	08/20/96-08/20/96	0	1	
ROMO0447	Yes	49378	DCPA,WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	08/20/96-08/20/96	0	1	
ROMO0447	Yes	49379	CHLORDANE,TRANS-,WET WT,TISS,WHOLE ORG,RECV UG/KG	08/20/96-08/20/96	0	1	
ROMO0447	Yes	49380	CHLORDANE,CIS-,WET WEIGHT,TISS,WHOLE ORG,RECVUG/KG	08/20/96-08/20/96	0	1	
ROMO0404	Yes	49381	DIBUTYLPHTHALATE,DRY WEIGHT,SED,SIEVE	10/10/95-10/10/95	0	1	
ROMO0404	Yes	49382	DIOCTYLPHTHALATE,DRY WEIGHT,SED,SIEVE	10/10/95-10/10/95	0	1	
ROMO0404	Yes	49383	DIETHYLPHTHALATE,DRY WEIGHT,SED,SIEVE	10/10/95-10/10/95	0	1	
ROMO0404	Yes	49384	DIMETHYLPHTHALATE,DRY WEIGHT,SED,SIEVE	10/10/95-10/10/95	0	1	
ROMO0404	Yes	49387	PYRENE,DRY WEIGHT,SED,SIEVE	10/10/95-10/10/95	0	1	
ROMO0404	Yes	49388	METHYLPYRENE,DRY WEIGHT,SED,SIEVE	10/10/95-10/10/95	0	1	
ROMO0404	Yes	49389	METHYLBENZO(A)PYRENE,DRY WT,SED,SIEVE	10/10/95-10/10/95	0	1	
ROMO0404	Yes	49390	METHYLINDENO(1,2,3-CD)PYRENE,DRY WT,SEV	10/10/95-10/10/95	0	1	
ROMO0404	Yes	49391	BIQUINOLINE,2,2'-,DRY WT,SED,SIEVE	10/10/95-10/10/95	0	1	
ROMO0404	Yes	49392	QUINOLINE,DRY WEIGHT,SEDIMENT,SIEVE	10/10/95-10/10/95	0	1	
ROMO0404	Yes	49393	PHENANTHRIDINE,DRY WEIGHT,SED,SIEVE	10/10/95-10/10/95	0	1	
ROMO0404	Yes	49394	ISOQUINOLINE,DRY WEIGHT,SED,SIEVE	10/10/95-10/10/95	0	1	
ROMO0404	Yes	49395	TOLUENE, 2,4-DINITRO-,DRY WEIGHT,SIEVE	10/10/95-10/10/95	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0404	Yes	49396	TOLUENE, 2,6-DINITRO-,DRY WEIGHT,SIEVE	10/10/95-10/10/95	0	1	
ROMO0404	Yes	49397	BENZO(K)FLUORANTHENE,DRY WEIGHT,SIEVE	10/10/95-10/10/95	0	1	
ROMO0404	Yes	49398	METHYL-9H-FLUORENE,DRY WEIGHT,SIEVE	10/10/95-10/10/95	0	1	
ROMO0404	Yes	49399	FLUORENE,9H-,DRY WEIGHT,SIEVE	10/10/95-10/10/95	0	1	
ROMO0404	Yes	49400	ISOPHORONE,DRY WEIGHT,SIEVE	10/10/95-10/10/95	0	1	
ROMO0404	Yes	49401	METHANE, BIS(2-CHLOROETHOXY),DRY WT,SEV	10/10/95-10/10/95	0	1	
ROMO0404	Yes	49402	NAPHTHALENE, DRY WEIGHT, SIEVE	10/10/95-10/10/95	0	1	
ROMO0404	Yes	49403	NAPHTHALENE, 1,2-DIMETHYL-,DRY WT,SIEVE	10/10/95-10/10/95	0	1	
ROMO0404	Yes	49404	NAPHTHALENE, 1,6-DIMETHYL-,DRY WT,SIEVE	10/10/95-10/10/95	0	1	
ROMO0404	Yes	49405	NAPHTHALENE, 2,3,6-TRIMETHYL-,DRY WT,SEV	10/10/95-10/10/95	0	1	
ROMO0404	Yes	49406	NAPHTHALENE, 2,6-DIMETHYL-,DRY WT,SIEVE	10/10/95-10/10/95	0	1	
ROMO0404	Yes	49407	NAPHTHALENE, 2-CHLORO-,DRY WT,SIEVE	10/10/95-10/10/95	0	1	
ROMO0404	Yes	49408	BENZO(G,H,I)PERYLENE,DRY WEIGHT,SIEVE	10/10/95-10/10/95	0	1	
ROMO0404	Yes	49409	PHENANTHRENE,DRY WEIGHT,SIEVE	10/10/95-10/10/95	0	1	
ROMO0404	Yes	49410	METHYLPHENANTHRENE,DRY WT,SIEVE	10/10/95-10/10/95	0	1	
ROMO0404	Yes	49411	CYCLOPENTA(DEF)PHENANTHRENE, 4H-,DRY WT,SEV	10/10/95-10/10/95	0	1	
ROMO0404	Yes	49413	PHENOL,DRY WEIGHT,SEDIMENT,SIEVE	10/10/95-10/10/95	0	1	
ROMO0404	Yes	49421	XYLENOL, 3,5-,DRY WEIGHT,SIEVE	10/10/95-10/10/95	0	1	
ROMO0404	Yes	49422	M-CRESOL, 4-CHLORO-,DRY WEIGHT,SED,SIEVE	10/10/95-10/10/95	0	1	
ROMO0404	Yes	49424	PHENOL, C8-ALKYL-,DRY WEIGHT,SED,SIEVE	10/10/95-10/10/95	0	1	
ROMO0404	Yes	49426	PHTHALATE, BIS(2-ETHYLHEXYL)-,DRY WT,SEV	10/10/95-10/10/95	0	1	
ROMO0404	Yes	49427	PHTHALATE, BUTYL BENZYL, DRY WT,SED,SEV	10/10/95-10/10/95	0	1	
ROMO0404	Yes	49428	ACENAPHTHYLENE,DRY WEIGHT,SED,SIEVE	10/10/95-10/10/95	0	1	
ROMO0404	Yes	49429	ACENAPHTHENE,DRY WEIGHT,SED,SIEVE	10/10/95-10/10/95	0	1	
ROMO0404	Yes	49430	ACRIDINE,DRY WEIGHT,SED,SIEVE	10/10/95-10/10/95	0	1	
ROMO0404	Yes	49431	N-NITROSO-DIPROPYLAMINE,DRY WT,SED,SIEVE	10/10/95-10/10/95	0	1	
ROMO0404	Yes	49433	N-NITROSO-DIPHENYLAMINE,DRY WT,SED,SEV	10/10/95-10/10/95	0	1	
ROMO0404	Yes	49434	ANTHRACENE,DRY WEIGHT,SED,SIEVE	10/10/95-10/10/95	0	1	
ROMO0404	Yes	49435	ANTHRACENE, 2-METHYL-,DRY WEIGHT,SED,SEV	10/10/95-10/10/95	0	1	
ROMO0404	Yes	49436	BENZ(A)ANTHRACENE,DRY WEIGHT,SED,SIEVE	10/10/95-10/10/95	0	1	
ROMO0404	Yes	49437	ANTHRAQUINONE, 9, 10-,DRY WT,SED,SIEVE	10/10/95-10/10/95	0	1	
ROMO0404	Yes	49438	BENZENE, 1,2,4-TRICHLORO-,DRY WT,SED,SEV	10/10/95-10/10/95	0	1	
ROMO0404	Yes	49439	BENZENE, O-DICHLORO-,SED,SIEVE	10/10/95-10/10/95	0	1	
ROMO0404	Yes	49441	BENZENE, M-DICHLORO-,DRY WT,SED,SIEVE	10/10/95-10/10/95	0	1	
ROMO0404	Yes	49442	BENZENE, P-DICHLORO-,DRY WT,SED,SIEVE	10/10/95-10/10/95	0	1	
ROMO0404	Yes	49443	AZOBENZENE,DRY WT,SED,SIEVE	10/10/95-10/10/95	0	1	
ROMO0404	Yes	49444	BENZENE, NITRO-,DRY WT,SED,SIEVE	10/10/95-10/10/95	0	1	
ROMO0404	Yes	49446	BENZENE,PENTACHLORONITRO-,DRY WT,SIEVE	10/10/95-10/10/95	0	1	
ROMO0404	Yes	49449	CARBAZOLE,DRY WEIGHT,SEDIMENT,SIEVE	10/10/95-10/10/95	0	1	
ROMO0404	Yes	49450	CHRYSENE,DRY WEIGHT,SEDIMENT,SIEVE	10/10/95-10/10/95	0	1	
ROMO0404	Yes	49451	P-CRESOL,DRY WEIGHT,SEDIMENT,SIEVE	10/10/95-10/10/95	0	1	
ROMO0404	Yes	49452	DIBENZOTHIOPHENE,DRY WEIGHT,SED,SIEVE	10/10/95-10/10/95	0	1	
ROMO0404	Yes	49454	BROMOPHENYL, 4-PHENYL ETHER,SED,SIEVE	10/10/95-10/10/95	0	1	
ROMO0404	Yes	49455	CHLOROPHENYL,4-PHENYL ETHER,SED,SIEVE	10/10/95-10/10/95	0	1	
ROMO0404	Yes	49458	BENZO(B)FLUORANTHENE,DRY WT,SIEVE	10/10/95-10/10/95	0	1	
ROMO0404	Yes	49459	PCB,DRY WEIGHT,BED MATERIAL,SIEVE	10/10/95-10/10/95	0	1	
ROMO0404	Yes	49460	PENTACHLOROANISOLE,DRY WT,BED MAT,SIEVE	10/10/95-10/10/95	0	1	
ROMO0404	Yes	49461	DIBENZ(A,H)ANTHRACENE,DRY WT,SIEVE	10/10/95-10/10/95	0	1	
ROMO0404	Yes	49465	VANADIUM,BIOTA,TISSUE,LIVER,DRY WEIGHT,RECV UG/G	08/14/95-08/14/95	0	1	
ROMO0404	Yes	49466	FLUORANTHENE,SED,BED MAT,WET SIEV	10/10/95-10/10/95	0	1	
ROMO0404	Yes	49467	PHENOL, O-CHLORO,SED,BED MAT,WETSEV	10/10/95-10/10/95	0	1	
ROMO0404	Yes	49468	BENZO(C)CINNOLINE,SED,BED MAT,WETSEV	10/10/95-10/10/95	0	1	
ROMO0404	Yes	49490	VISUAL OBSERVATION, SUSPENDED, WATER CODE	10/10/95-10/10/95	0	1	
ROMO0433	No	50050	FLOW, IN CONDUIT OR THRU A TREATMENT PLANT MGD	07/19/66-08/24/66	0	3	
ROMO0461	Yes	50050	FLOW, IN CONDUIT OR THRU A TREATMENT PLANT MGD	07/14/66-08/24/66	0	4	
ROMO0469	No	50050	FLOW, IN CONDUIT OR THRU A TREATMENT PLANT MGD	06/08/77-03/16/83	5	3	
ROMO0479	No	50050	FLOW, IN CONDUIT OR THRU A TREATMENT PLANT MGD	07/14/66-08/24/66	0	4	
ROMO0481	No	50050	FLOW, IN CONDUIT OR THRU A TREATMENT PLANT MGD	03/08/66-08/25/66	0	26	
ROMO0499	No	50050	FLOW, IN CONDUIT OR THRU A TREATMENT PLANT MGD	07/19/66-08/24/66	0	2	
ROMO0501	Yes	50050	FLOW, IN CONDUIT OR THRU A TREATMENT PLANT MGD	07/13/66-08/24/66	0	4	
ROMO0503	Yes	50050	FLOW, IN CONDUIT OR THRU A TREATMENT PLANT MGD	07/13/66-08/24/66	0	4	
ROMO0461	Yes	50060	CHLORINE, TOTAL RESIDUAL (MG/L)	07/14/66-07/14/66	0	1	
ROMO0469	No	50060	CHLORINE, TOTAL RESIDUAL (MG/L)	03/16/83-03/16/83	0	1	
ROMO0499	No	50060	CHLORINE, TOTAL RESIDUAL (MG/L)	07/19/66-07/19/66	0	1	
ROMO0503	Yes	50060	CHLORINE, TOTAL RESIDUAL (MG/L)	07/14/66-07/14/66	0	1	
ROMO0433	No	50080	BOD, PLANT INFLUENT, 5 DAY, 20 DEG C MG/L	07/19/66-08/24/66	0	3	
ROMO0481	No	50080	BOD, PLANT INFLUENT, 5 DAY, 20 DEG C MG/L	03/08/66-08/25/66	0	18	
ROMO0433	No	50084	BOD, PLANT EFFLUENT, 5 DAY, 20 DEG C MG/L	07/19/66-08/24/66	0	3	
ROMO0461	Yes	50084	BOD, PLANT EFFLUENT, 5 DAY, 20 DEG C MG/L	07/14/66-08/24/66	0	4	
ROMO0479	No	50084	BOD, PLANT EFFLUENT, 5 DAY, 20 DEG C MG/L	07/19/66-08/24/66	0	3	
ROMO0481	No	50084	BOD, PLANT EFFLUENT, 5 DAY, 20 DEG C MG/L	03/08/66-08/25/66	0	21	
ROMO0499	No	50084	BOD, PLANT EFFLUENT, 5 DAY, 20 DEG C MG/L	07/19/66-08/24/66	0	2	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0501	Yes	50084	BOD, PLANT EFFLUENT, 5 DAY, 20 DEG C MG/L	07/13/66-08/24/66	0	4	
ROMO0503	Yes	50084	BOD, PLANT EFFLUENT, 5 DAY, 20 DEG C MG/L	08/23/66-08/24/66	0	2	
ROMO0085	Yes	50786	ORTHOPHOSPHATE AS P, WATER MG/L	05/17/94-06/17/96	2	12	
ROMO0092	No	50786	ORTHOPHOSPHATE AS P, WATER MG/L	04/11/94-05/07/96	2	15	
ROMO0127	Yes	50786	ORTHOPHOSPHATE AS P, WATER MG/L	06/14/94-07/01/96	2	8	
ROMO0174	Yes	50790	OXYGEN-18, (DELTA UNITS - PARTS PER THOUSAND)	07/20/94-07/20/94	0	1	
ROMO0178	Yes	50790	OXYGEN-18, (DELTA UNITS - PARTS PER THOUSAND)	08/30/94-08/30/94	0	1	
ROMO0179	Yes	50790	OXYGEN-18, (DELTA UNITS - PARTS PER THOUSAND)	07/20/94-07/20/94	0	1	
ROMO0202	Yes	50790	OXYGEN-18, (DELTA UNITS - PARTS PER THOUSAND)	08/30/94-08/30/94	0	1	
ROMO0246	Yes	50790	OXYGEN-18, (DELTA UNITS - PARTS PER THOUSAND)	07/20/94-10/09/94	0	3	
ROMO0263	Yes	50790	OXYGEN-18, (DELTA UNITS - PARTS PER THOUSAND)	07/20/94-10/09/94	0	3	
ROMO0282	Yes	50790	OXYGEN-18, (DELTA UNITS - PARTS PER THOUSAND)	07/20/94-10/09/94	0	5	
ROMO0293	Yes	50790	OXYGEN-18, (DELTA UNITS - PARTS PER THOUSAND)	07/20/94-10/09/94	0	3	
ROMO0305	Yes	50790	OXYGEN-18, (DELTA UNITS - PARTS PER THOUSAND)	07/20/94-10/09/94	0	3	
ROMO0339	Yes	50790	OXYGEN-18, (DELTA UNITS - PARTS PER THOUSAND)	07/20/94-10/09/94	0	4	
ROMO0381	Yes	50790	OXYGEN-18, (DELTA UNITS - PARTS PER THOUSAND)	04/03/93-09/09/93	0	34	
ROMO0382	Yes	50790	OXYGEN-18, (DELTA UNITS - PARTS PER THOUSAND)	07/06/94-08/17/94	0	3	
ROMO0416	Yes	50790	OXYGEN-18, (DELTA UNITS - PARTS PER THOUSAND)	07/06/94-08/17/94	0	2	
ROMO0419	Yes	50790	OXYGEN-18, (DELTA UNITS - PARTS PER THOUSAND)	07/06/94-07/06/94	0	1	
ROMO0420	Yes	50790	OXYGEN-18, (DELTA UNITS - PARTS PER THOUSAND)	07/06/94-07/06/94	0	1	
ROMO0424	Yes	50790	OXYGEN-18, (DELTA UNITS - PARTS PER THOUSAND)	07/06/94-08/17/94	0	4	
ROMO0426	Yes	50790	OXYGEN-18, (DELTA UNITS - PARTS PER THOUSAND)	07/06/94-08/17/94	0	2	
ROMO0440	Yes	50790	OXYGEN-18, (DELTA UNITS - PARTS PER THOUSAND)	06/10/93-09/20/93	0	16	
ROMO0445	Yes	50887	STD PLATE COUNT,PLATE COUNT AGAR, 35C 48HR #/100G	09/14/76-09/27/76	0	2	
ROMO0450	Yes	50887	STD PLATE COUNT,PLATE COUNT AGAR, 35C 48HR #/100G	09/21/76-09/28/76	0	2	
ROMO0022	No	60050	ALGAE, TOTAL (CELLS/ML)	09/06/69-09/06/69	0	3	
ROMO0023	No	60050	ALGAE, TOTAL (CELLS/ML)	09/06/69-09/06/69	0	2	
ROMO0034	No	60050	ALGAE, TOTAL (CELLS/ML)	08/22/73-07/16/87	13	10	
ROMO0063	No	60050	ALGAE, TOTAL (CELLS/ML)	08/22/73-08/22/73	0	1	
ROMO0115	No	60050	ALGAE, TOTAL (CELLS/ML)	09/05/69-09/05/69	0	1	
ROMO0116	No	60050	ALGAE, TOTAL (CELLS/ML)	09/05/69-09/05/69	0	1	
ROMO0134	No	60050	ALGAE, TOTAL (CELLS/ML)	09/06/69-09/06/69	0	2	
ROMO0138	No	60050	ALGAE, TOTAL (CELLS/ML)	08/22/73-08/22/73	0	1	
ROMO0146	No	60050	ALGAE, TOTAL (CELLS/ML)	09/05/69-09/05/69	0	1	
ROMO0147	No	60050	ALGAE, TOTAL (CELLS/ML)	09/06/69-09/06/69	0	3	
ROMO0148	No	60050	ALGAE, TOTAL (CELLS/ML)	09/06/69-09/06/69	0	3	
ROMO0470	No	60050	ALGAE, TOTAL (CELLS/ML)	09/18/75-09/24/87	12	85	
ROMO0022	No	60100	ALGAE, COCCOID BLUE-GREEN (CELLS/ML)	09/06/69-09/06/69	0	2	
ROMO0116	No	60100	ALGAE, COCCOID BLUE-GREEN (CELLS/ML)	09/05/69-09/05/69	0	1	
ROMO0022	No	60200	ALGAE, COCCOID GREEN (CELLS/ML)	09/06/69-09/06/69	0	1	
ROMO0023	No	60200	ALGAE, COCCOID GREEN (CELLS/ML)	09/06/69-09/06/69	0	1	
ROMO0134	No	60200	ALGAE, COCCOID GREEN (CELLS/ML)	09/06/69-09/06/69	0	2	
ROMO0146	No	60200	ALGAE, COCCOID GREEN (CELLS/ML)	09/05/69-09/05/69	0	1	
ROMO0147	No	60200	ALGAE, COCCOID GREEN (CELLS/ML)	09/06/69-09/06/69	0	2	
ROMO0148	No	60200	ALGAE, COCCOID GREEN (CELLS/ML)	09/06/69-09/06/69	0	3	
ROMO0022	No	60300	ALGAE, FLAGELLATE GREEN (CELLS/ML)	09/06/69-09/06/69	0	3	
ROMO0023	No	60300	ALGAE, FLAGELLATE GREEN (CELLS/ML)	09/06/69-09/06/69	0	2	
ROMO0116	No	60300	ALGAE, FLAGELLATE GREEN (CELLS/ML)	09/05/69-09/05/69	0	1	
ROMO0134	No	60300	ALGAE, FLAGELLATE GREEN (CELLS/ML)	09/06/69-09/06/69	0	2	
ROMO0147	No	60300	ALGAE, FLAGELLATE GREEN (CELLS/ML)	09/06/69-09/06/69	0	1	
ROMO0148	No	60300	ALGAE, FLAGELLATE GREEN (CELLS/ML)	09/06/69-09/06/69	0	2	
ROMO0115	No	60350	ALGAE, FLAGELLATE OTHER (CELLS/ML)	09/05/69-09/05/69	0	1	
ROMO0116	No	60350	ALGAE, FLAGELLATE OTHER (CELLS/ML)	09/05/69-09/05/69	0	1	
ROMO0134	No	60350	ALGAE, FLAGELLATE OTHER (CELLS/ML)	09/06/69-09/06/69	0	2	
ROMO0146	No	60350	ALGAE, FLAGELLATE OTHER (CELLS/ML)	09/05/69-09/05/69	0	1	
ROMO0147	No	60350	ALGAE, FLAGELLATE OTHER (CELLS/ML)	09/06/69-09/06/69	0	3	
ROMO0148	No	60350	ALGAE, FLAGELLATE OTHER (CELLS/ML)	09/06/69-09/06/69	0	2	
ROMO0022	No	60370	ALGAE, DIATOMS (CELLS/ML)	09/06/69-09/06/69	0	3	
ROMO0023	No	60370	ALGAE, DIATOMS (CELLS/ML)	09/06/69-09/06/69	0	2	
ROMO0115	No	60370	ALGAE, DIATOMS (CELLS/ML)	09/05/69-09/05/69	0	1	
ROMO0116	No	60370	ALGAE, DIATOMS (CELLS/ML)	09/05/69-09/05/69	0	1	
ROMO0134	No	60370	ALGAE, DIATOMS (CELLS/ML)	09/06/69-09/06/69	0	2	
ROMO0146	No	60370	ALGAE, DIATOMS (CELLS/ML)	09/05/69-09/05/69	0	1	
ROMO0147	No	60370	ALGAE, DIATOMS (CELLS/ML)	09/06/69-09/06/69	0	3	
ROMO0148	No	60370	ALGAE, DIATOMS (CELLS/ML)	09/06/69-09/06/69	0	3	
ROMO0199	Yes	61214	FECAL STREPTOCOCCI, GENERAL #/100ML	08/29/82-08/29/82	0	1	
ROMO0261	Yes	61214	FECAL STREPTOCOCCI, GENERAL #/100ML	08/03/81-08/29/82	1	13	
ROMO0330	Yes	61214	FECAL STREPTOCOCCI, GENERAL #/100ML	08/03/81-08/16/82	1	12	
ROMO0340	Yes	61214	FECAL STREPTOCOCCI, GENERAL #/100ML	08/03/81-08/16/82	1	11	
ROMO0378	Yes	61214	FECAL STREPTOCOCCI, GENERAL #/100ML	08/03/81-08/16/82	1	12	
ROMO0439	No	61214	FECAL STREPTOCOCCI, GENERAL #/100ML	05/26/82-08/16/82	0	14	
ROMO0445	Yes	61214	FECAL STREPTOCOCCI, GENERAL #/100ML	09/14/76-09/27/76	0	2	

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

Station/Parameter Period of Record Tabulation
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Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0450	Yes	61214	FECAL STREPTOCOCCI, GENERAL #/100ML	09/21/76-09/28/76	0	2	
ROMO0507	Yes	61214	FECAL STREPTOCOCCI, GENERAL #/100ML	05/26/82-08/16/82	0	14	
ROMO0199	Yes	61215	FECAL COLIFORM, GENERAL #/100ML	08/29/82-08/29/82	0	1	
ROMO0261	Yes	61215	FECAL COLIFORM, GENERAL #/100ML	08/03/81-08/29/82	1	13	
ROMO0330	Yes	61215	FECAL COLIFORM, GENERAL #/100ML	08/03/81-08/16/82	1	12	
ROMO0340	Yes	61215	FECAL COLIFORM, GENERAL #/100ML	08/03/81-08/24/82	1	12	
ROMO0378	Yes	61215	FECAL COLIFORM, GENERAL #/100ML	08/03/81-08/24/82	1	13	
ROMO0439	No	61215	FECAL COLIFORM, GENERAL #/100ML	05/26/82-08/16/82	0	12	
ROMO0445	Yes	61215	FECAL COLIFORM, GENERAL #/100ML	09/14/76-09/27/76	0	2	
ROMO0450	Yes	61215	FECAL COLIFORM, GENERAL #/100ML	09/21/76-09/28/76	0	2	
ROMO0507	Yes	61215	FECAL COLIFORM, GENERAL #/100ML	05/26/82-08/16/82	0	12	
ROMO0094	Yes	61229	GIARDIA CYSTS IN SURFACE WATER CATEGORIES/100L	07/22/85-07/22/85	0	1	
ROMO0100	Yes	61229	GIARDIA CYSTS IN SURFACE WATER CATEGORIES/100L	07/22/85-07/22/85	0	1	
ROMO0101	Yes	61229	GIARDIA CYSTS IN SURFACE WATER CATEGORIES/100L	07/22/85-07/22/85	0	1	
ROMO0123	Yes	61229	GIARDIA CYSTS IN SURFACE WATER CATEGORIES/100L	07/22/85-07/22/85	0	2	
ROMO0631	Yes	61229	GIARDIA CYSTS IN SURFACE WATER CATEGORIES/100L	07/19/85-07/19/85	0	1	
ROMO0633	Yes	61229	GIARDIA CYSTS IN SURFACE WATER CATEGORIES/100L	07/15/85-07/15/85	0	1	
ROMO0634	Yes	61229	GIARDIA CYSTS IN SURFACE WATER CATEGORIES/100L	07/15/85-07/15/85	0	1	
ROMO0635	Yes	61229	GIARDIA CYSTS IN SURFACE WATER CATEGORIES/100L	07/15/85-07/15/85	0	1	
ROMO0636	Yes	61229	GIARDIA CYSTS IN SURFACE WATER CATEGORIES/100L	07/19/85-07/19/85	0	1	
ROMO0639	Yes	61229	GIARDIA CYSTS IN SURFACE WATER CATEGORIES/100L	07/01/85-07/01/85	0	1	
ROMO0641	Yes	61229	GIARDIA CYSTS IN SURFACE WATER CATEGORIES/100L	07/15/85-07/15/85	0	2	
ROMO0643	Yes	61229	GIARDIA CYSTS IN SURFACE WATER CATEGORIES/100L	07/01/85-07/01/85	0	1	
ROMO0645	Yes	61229	GIARDIA CYSTS IN SURFACE WATER CATEGORIES/100L	07/01/85-07/01/85	0	1	
ROMO0656	Yes	61229	GIARDIA CYSTS IN SURFACE WATER CATEGORIES/100L	07/01/85-07/01/85	0	1	
ROMO0666	Yes	61229	GIARDIA CYSTS IN SURFACE WATER CATEGORIES/100L	07/19/85-07/19/85	0	2	
ROMO0391	Yes	61731	E.COLI,MULTI-TUBE,MPN,MUG COLINIES/100ML	06/29/71-08/23/71	0	8	
ROMO0393	Yes	61731	E.COLI,MULTI-TUBE,MPN,MUG COLINIES/100ML	06/29/71-08/23/71	0	8	
ROMO0402	Yes	61731	E.COLI,MULTI-TUBE,MPN,MUG COLINIES/100ML	06/29/71-08/23/71	0	9	
ROMO0422	Yes	61731	E.COLI,MULTI-TUBE,MPN,MUG COLINIES/100ML	06/29/71-08/23/71	0	9	
ROMO0094	Yes	61732	GIARDIA, FILTRATION CYSTS/100 GAL	07/22/85-07/22/85	0	1	
ROMO0100	Yes	61732	GIARDIA, FILTRATION CYSTS/100 GAL	07/22/85-07/22/85	0	1	
ROMO0101	Yes	61732	GIARDIA, FILTRATION CYSTS/100 GAL	07/22/85-07/22/85	0	1	
ROMO0123	Yes	61732	GIARDIA, FILTRATION CYSTS/100 GAL	07/22/85-07/22/85	0	2	
ROMO0160	Yes	61732	GIARDIA, FILTRATION CYSTS/100 GAL	08/06/84-09/26/84	0	4	
ROMO0181	Yes	61732	GIARDIA, FILTRATION CYSTS/100 GAL	08/06/84-09/26/84	0	4	
ROMO0216	Yes	61732	GIARDIA, FILTRATION CYSTS/100 GAL	08/09/84-09/01/84	0	3	
ROMO0233	Yes	61732	GIARDIA, FILTRATION CYSTS/100 GAL	08/09/84-09/22/84	0	4	
ROMO0236	Yes	61732	GIARDIA, FILTRATION CYSTS/100 GAL	08/06/84-10/06/84	0	5	
ROMO0238	Yes	61732	GIARDIA, FILTRATION CYSTS/100 GAL	08/06/84-10/06/84	0	5	
ROMO0285	Yes	61732	GIARDIA, FILTRATION CYSTS/100 GAL	08/09/84-10/09/84	0	5	
ROMO0304	Yes	61732	GIARDIA, FILTRATION CYSTS/100 GAL	08/09/84-10/09/84	0	5	
ROMO0631	Yes	61732	GIARDIA, FILTRATION CYSTS/100 GAL	07/19/85-07/19/85	0	1	
ROMO0633	Yes	61732	GIARDIA, FILTRATION CYSTS/100 GAL	07/15/85-07/15/85	0	1	
ROMO0634	Yes	61732	GIARDIA, FILTRATION CYSTS/100 GAL	07/15/85-07/15/85	0	1	
ROMO0635	Yes	61732	GIARDIA, FILTRATION CYSTS/100 GAL	07/15/85-07/15/85	0	1	
ROMO0636	Yes	61732	GIARDIA, FILTRATION CYSTS/100 GAL	07/19/85-07/19/85	0	1	
ROMO0639	Yes	61732	GIARDIA, FILTRATION CYSTS/100 GAL	07/01/85-07/01/85	0	1	
ROMO0641	Yes	61732	GIARDIA, FILTRATION CYSTS/100 GAL	07/15/85-07/15/85	0	2	
ROMO0643	Yes	61732	GIARDIA, FILTRATION CYSTS/100 GAL	07/01/85-07/01/85	0	1	
ROMO0645	Yes	61732	GIARDIA, FILTRATION CYSTS/100 GAL	07/01/85-07/01/85	0	1	
ROMO0656	Yes	61732	GIARDIA, FILTRATION CYSTS/100 GAL	07/01/85-07/01/85	0	1	
ROMO0666	Yes	61732	GIARDIA, FILTRATION CYSTS/100 GAL	07/19/85-07/19/85	0	2	
ROMO0405	Yes	61765	ANC (ACID NEUTRALIZING CAPABILITY) UEG/L	06/22/88-06/22/88	0	1	
ROMO0408	Yes	61765	ANC (ACID NEUTRALIZING CAPABILITY) UEG/L	06/22/88-06/22/88	0	1	
ROMO0514	Yes	61765	ANC (ACID NEUTRALIZING CAPABILITY) UEG/L	06/01/88-06/16/88	0	3	
ROMO0519	Yes	61765	ANC (ACID NEUTRALIZING CAPABILITY) UEG/L	05/05/88-06/16/88	0	7	
ROMO0524	Yes	61765	ANC (ACID NEUTRALIZING CAPABILITY) UEG/L	05/05/88-06/16/88	0	7	
ROMO0652	Yes	61765	ANC (ACID NEUTRALIZING CAPABILITY) UEG/L	06/22/88-06/22/88	0	1	
ROMO0675	No	61765	ANC (ACID NEUTRALIZING CAPABILITY) UEG/L	05/15/88-06/13/90	2	16	
ROMO0001	No	70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	09/15/85-09/15/85	0	1	
ROMO0005	No	70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	10/06/85-10/06/85	0	1	
ROMO0015	No	70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	09/15/85-09/15/85	0	1	
ROMO0018	No	70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	09/12/85-09/12/85	0	1	
ROMO0025	Yes	70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	10/02/85-10/02/85	0	1	
ROMO0035	Yes	70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	10/04/85-10/04/85	0	1	
ROMO0046	Yes	70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	10/04/85-10/04/85	0	1	
ROMO0070	Yes	70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	10/10/85-10/10/85	0	1	
ROMO0071	Yes	70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	10/02/85-10/02/85	0	1	
ROMO0088	Yes	70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	10/04/85-10/04/85	0	1	
ROMO0095	Yes	70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	10/02/85-10/02/85	0	1	
ROMO0107	Yes	70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	10/02/85-10/02/85	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0135	Yes	70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	10/10/85-10/10/85	0	1	
ROMO0159	Yes	70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	10/02/85-10/02/85	0	1	
ROMO0163	Yes	70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	10/02/85-10/02/85	0	1	
ROMO0185	Yes	70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	10/10/85-10/10/85	0	1	
ROMO0294	Yes	70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	10/10/85-10/10/85	0	1	
ROMO0322	Yes	70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	10/10/85-10/10/85	0	1	
ROMO0338	Yes	70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	10/10/85-10/10/85	0	1	
ROMO0344	Yes	70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	10/04/85-10/04/85	0	1	
ROMO0374	Yes	70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	10/04/85-10/04/85	0	1	
ROMO0435	Yes	70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	10/04/85-10/04/85	0	1	
ROMO0466	Yes	70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	10/04/85-10/04/85	0	1	
ROMO0486	No	70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	09/12/85-09/12/85	0	1	
ROMO0490	Yes	70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	10/06/85-10/06/85	0	1	
ROMO0573	Yes	70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	10/04/85-10/04/85	0	1	
ROMO0591	Yes	70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	10/06/85-10/06/85	0	1	
ROMO0668	Yes	70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	10/04/85-10/04/85	0	1	
ROMO0671	No	70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	09/11/85-09/11/85	0	1	
ROMO0017	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/09/69-10/26/70	1	16	
ROMO0024	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/30/96-09/09/97	0	5	
ROMO0034	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/24/89-10/01/96	7	104	
ROMO0060	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	02/14/89-03/05/97	8	42	
ROMO0063	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/24/89-10/02/96	7	105	
ROMO0167	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/21/78-08/21/79	1	2	
ROMO0169	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/21/78-06/21/78	0	1	
ROMO0194	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/05/78-08/21/79	1	2	
ROMO0320	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/20/86-05/20/86	0	1	
ROMO0404	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/26/95-02/18/97	2	28	
ROMO0410	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/12/78-03/10/97	18	43	
ROMO0447	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/04/95-10/04/95	0	11	
ROMO0451	Yes	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/04/95-06/12/95	0	3	
ROMO0460	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/30/96-09/09/97	0	4	
ROMO0470	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/18/75-03/10/97	21	83	
ROMO0475	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/18/75-10/18/75	0	1	
ROMO0483	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	12/17/71-04/02/92	20	104	T
ROMO0673	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/21/64-03/20/65	0	4	
ROMO0678	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/21/64-07/22/65	1	12	
ROMO0681	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/21/64-07/22/65	1	7	
ROMO0682	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/16/65-06/16/65	0	2	
ROMO0684	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/21/64-06/16/65	0	6	
ROMO0017	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/09/69-09/20/73	4	18	
ROMO0034	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/22/73-08/22/73	0	2	
ROMO0047	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	11/06/75-11/06/75	0	1	
ROMO0059	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/21/41-05/19/41	0	2	
ROMO0063	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/22/73-08/22/73	0	2	
ROMO0068	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/14/75-08/14/75	0	1	
ROMO0081	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/03/75-10/03/75	0	1	
ROMO0110	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	11/27/73-11/27/73	0	1	
ROMO0130	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/08/74-07/08/74	0	1	
ROMO0138	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/22/73-08/22/73	0	2	
ROMO0168	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/02/74-08/27/74	0	2	
ROMO0180	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/02/74-08/27/74	0	2	
ROMO0193	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/01/74-09/11/74	0	2	
ROMO0215	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	06/28/74-09/11/74	0	2	
ROMO0351	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/20/74-08/20/74	0	1	
ROMO0410	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/11/76-04/16/87	10	66	
ROMO0441	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/15/74-08/29/74	0	2	
ROMO0459	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/05/74-08/05/74	0	1	
ROMO0470	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/18/75-06/11/87	11	84	
ROMO0474	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	05/09/72-05/09/72	0	1	
ROMO0484	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	06/28/74-09/11/74	0	2	
ROMO0513	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/05/74-08/05/74	0	1	
ROMO0518	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/18/74-07/18/74	0	1	
ROMO0525	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/27/74-08/27/74	0	1	
ROMO0528	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/18/74-07/18/74	0	1	
ROMO0537	Yes	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/10/74-08/27/74	0	2	
ROMO0017	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	07/09/69-09/20/73	4	17	
ROMO0410	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	08/11/76-03/23/83	6	65	
ROMO0470	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	10/09/75-09/24/87	11	84	
ROMO0474	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	05/09/72-05/09/72	0	1	
ROMO0017	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	07/09/69-09/20/73	4	18	
ROMO0034	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/22/73-08/22/73	0	2	
ROMO0047	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	11/06/75-11/06/75	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0059	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/21/41-05/19/41	0	2	
ROMO0063	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/22/73-08/22/73	0	2	
ROMO0068	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/14/75-08/14/75	0	1	
ROMO0081	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/03/75-10/03/75	0	1	
ROMO0110	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	11/27/73-11/27/73	0	1	
ROMO0130	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	07/08/74-07/08/74	0	1	
ROMO0138	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/22/73-08/22/73	0	2	
ROMO0168	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	07/02/74-08/27/74	0	2	
ROMO0180	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	07/02/74-08/27/74	0	2	
ROMO0193	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	07/01/74-09/11/74	0	2	
ROMO0215	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	06/28/74-09/11/74	0	2	
ROMO0351	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/20/74-08/20/74	0	1	
ROMO0410	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/11/76-03/23/83	6	64	
ROMO0441	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	07/15/74-08/29/74	0	2	
ROMO0459	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/05/74-08/05/74	0	1	
ROMO0470	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	09/18/75-06/11/87	11	82	
ROMO0474	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	05/09/72-05/09/72	0	1	
ROMO0475	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/18/75-10/18/75	0	1	
ROMO0484	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	06/28/74-09/11/74	0	2	
ROMO0513	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/05/74-08/05/74	0	1	
ROMO0518	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	07/18/74-07/18/74	0	1	
ROMO0525	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/27/74-08/27/74	0	1	
ROMO0528	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	07/18/74-07/18/74	0	1	
ROMO0537	Yes	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	07/10/74-08/27/74	0	2	
ROMO0447	Yes	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	01/04/95-01/11/96	1	15	
ROMO0034	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/20/91-10/20/92	1	36	
ROMO0060	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/23/90-12/10/92	2	14	
ROMO0063	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/21/91-10/21/92	1	33	
ROMO0087	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/06/92-08/06/92	0	1	
ROMO0249	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/02/91-09/04/91	0	6	
ROMO0250	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/09/91-09/11/91	0	9	
ROMO0260	Yes	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/02/91-09/25/91	0	12	
ROMO0410	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	11/19/90-11/19/92	2	13	
ROMO0470	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	11/19/90-11/19/92	2	7	
ROMO0034	No	70953	CHLOROPHYLL-A,PHYTOPLANKTON UG/L,CHROMO-FLUORO	05/24/89-10/01/96	7	51	
ROMO0063	No	70953	CHLOROPHYLL-A,PHYTOPLANKTON UG/L,CHROMO-FLUORO	05/24/89-10/02/96	7	53	
ROMO0034	No	70954	CHLOROPHYLL-B,PHYTOPLANKTON UG/L,CHROMO-FLUORO	05/24/89-10/01/96	7	50	
ROMO0063	No	70954	CHLOROPHYLL-B,PHYTOPLANKTON UG/L,CHROMO-FLUORO	05/24/89-10/02/96	7	53	
ROMO0027	Yes	70975	TEMPERATURE, WATER,DAILY MINIMUM DEG C	07/28/96-07/28/96	0	1	
ROMO0031	Yes	70975	TEMPERATURE, WATER,DAILY MINIMUM DEG C	07/14/96-07/14/96	0	1	
ROMO0054	Yes	70975	TEMPERATURE, WATER,DAILY MINIMUM DEG C	07/04/96-07/04/96	0	1	
ROMO0078	Yes	70975	TEMPERATURE, WATER,DAILY MINIMUM DEG C	07/06/96-07/06/96	0	1	
ROMO0083	Yes	70975	TEMPERATURE, WATER,DAILY MINIMUM DEG C	07/21/96-07/21/96	0	1	
ROMO0097	Yes	70975	TEMPERATURE, WATER,DAILY MINIMUM DEG C	07/19/96-07/19/96	0	1	
ROMO0247	Yes	70975	TEMPERATURE, WATER,DAILY MINIMUM DEG C	07/26/96-07/26/96	0	1	
ROMO0297	Yes	70975	TEMPERATURE, WATER,DAILY MINIMUM DEG C	07/15/96-07/15/96	0	1	
ROMO0306	Yes	70975	TEMPERATURE, WATER,DAILY MINIMUM DEG C	08/08/96-08/08/96	0	1	
ROMO0414	Yes	70975	TEMPERATURE, WATER,DAILY MINIMUM DEG C	07/23/96-07/23/96	0	1	
ROMO0423	Yes	70975	TEMPERATURE, WATER,DAILY MINIMUM DEG C	07/23/96-07/23/96	0	1	
ROMO0429	Yes	70975	TEMPERATURE, WATER,DAILY MINIMUM DEG C	07/09/96-07/09/96	0	1	
ROMO0468	Yes	70975	TEMPERATURE, WATER,DAILY MINIMUM DEG C	07/17/96-07/17/96	0	1	
ROMO0478	No	70975	TEMPERATURE, WATER,DAILY MINIMUM DEG C	05/01/82-08/20/82	0	112	
ROMO0614	Yes	70975	TEMPERATURE, WATER,DAILY MINIMUM DEG C	07/11/96-07/11/96	0	1	
ROMO0027	Yes	70976	TEMPERATURE, WATER,DAILY MAXIMUM DEG C	07/28/96-07/28/96	0	1	
ROMO0031	Yes	70976	TEMPERATURE, WATER,DAILY MAXIMUM DEG C	07/14/96-07/14/96	0	1	
ROMO0054	Yes	70976	TEMPERATURE, WATER,DAILY MAXIMUM DEG C	07/04/96-07/04/96	0	1	
ROMO0078	Yes	70976	TEMPERATURE, WATER,DAILY MAXIMUM DEG C	07/06/96-07/06/96	0	1	
ROMO0083	Yes	70976	TEMPERATURE, WATER,DAILY MAXIMUM DEG C	07/21/96-07/21/96	0	1	
ROMO0097	Yes	70976	TEMPERATURE, WATER,DAILY MAXIMUM DEG C	07/19/96-07/19/96	0	1	
ROMO0247	Yes	70976	TEMPERATURE, WATER,DAILY MAXIMUM DEG C	07/26/96-07/26/96	0	1	
ROMO0297	Yes	70976	TEMPERATURE, WATER,DAILY MAXIMUM DEG C	07/15/96-07/15/96	0	1	
ROMO0306	Yes	70976	TEMPERATURE, WATER,DAILY MAXIMUM DEG C	08/08/96-08/08/96	0	1	
ROMO0414	Yes	70976	TEMPERATURE, WATER,DAILY MAXIMUM DEG C	07/23/96-07/23/96	0	1	
ROMO0423	Yes	70976	TEMPERATURE, WATER,DAILY MAXIMUM DEG C	07/23/96-07/23/96	0	1	
ROMO0429	Yes	70976	TEMPERATURE, WATER,DAILY MAXIMUM DEG C	07/09/96-07/09/96	0	1	
ROMO0468	Yes	70976	TEMPERATURE, WATER,DAILY MAXIMUM DEG C	07/17/96-07/17/96	0	1	
ROMO0478	No	70976	TEMPERATURE, WATER,DAILY MAXIMUM DEG C	05/01/82-08/20/82	0	112	
ROMO0614	Yes	70976	TEMPERATURE, WATER,DAILY MAXIMUM DEG C	07/11/96-07/11/96	0	1	
ROMO0226	Yes	71825	ACIDITY, TOTAL (MG/L AS H)	08/16/83-05/05/92	8	34	
ROMO0227	Yes	71825	ACIDITY, TOTAL (MG/L AS H)	08/16/83-09/29/92	9	37	
ROMO0228	Yes	71825	ACIDITY, TOTAL (MG/L AS H)	08/16/83-08/24/88	5	3	
ROMO0229	Yes	71825	ACIDITY, TOTAL (MG/L AS H)	08/16/83-09/29/92	9	38	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0230	Yes	71825	ACIDITY, TOTAL (MG/L AS H)	08/16/83-12/24/91	8	38	
ROMO0251	Yes	71825	ACIDITY, TOTAL (MG/L AS H)	07/29/83-08/24/88	5	24	
ROMO0252	Yes	71825	ACIDITY, TOTAL (MG/L AS H)	07/29/83-08/23/83	0	2	
ROMO0253	Yes	71825	ACIDITY, TOTAL (MG/L AS H)	07/29/83-08/23/83	0	2	
ROMO0254	Yes	71825	ACIDITY, TOTAL (MG/L AS H)	07/29/83-07/22/92	8	31	
ROMO0255	Yes	71825	ACIDITY, TOTAL (MG/L AS H)	07/29/83-01/23/90	6	32	
ROMO0289	Yes	71825	ACIDITY, TOTAL (MG/L AS H)	08/28/90-10/01/91	1	3	
ROMO0301	Yes	71825	ACIDITY, TOTAL (MG/L AS H)	08/02/83-07/22/92	8	33	
ROMO0317	Yes	71825	ACIDITY, TOTAL (MG/L AS H)	08/02/83-04/28/92	8	44	
ROMO0318	Yes	71825	ACIDITY, TOTAL (MG/L AS H)	08/02/83-09/29/92	9	41	
ROMO0319	Yes	71825	ACIDITY, TOTAL (MG/L AS H)	08/02/83-11/13/88	5	2	
ROMO0320	Yes	71825	ACIDITY, TOTAL (MG/L AS H)	08/02/83-10/27/92	9	294	A
ROMO0321	Yes	71825	ACIDITY, TOTAL (MG/L AS H)	08/02/83-04/28/92	8	57	
ROMO0327	Yes	71825	ACIDITY, TOTAL (MG/L AS H)	08/02/83-09/29/92	9	25	
ROMO0341	Yes	71825	ACIDITY, TOTAL (MG/L AS H)	07/14/86-09/12/91	5	5	
ROMO0342	Yes	71825	ACIDITY, TOTAL (MG/L AS H)	07/14/87-07/13/88	0	2	
ROMO0343	Yes	71825	ACIDITY, TOTAL (MG/L AS H)	07/14/86-07/13/88	1	3	
ROMO0369	Yes	71825	ACIDITY, TOTAL (MG/L AS H)	07/14/87-09/12/91	4	4	
ROMO0370	Yes	71825	ACIDITY, TOTAL (MG/L AS H)	07/15/86-09/12/91	5	5	
ROMO0371	Yes	71825	ACIDITY, TOTAL (MG/L AS H)	07/15/86-07/13/88	1	3	
ROMO0372	Yes	71825	ACIDITY, TOTAL (MG/L AS H)	07/15/86-08/17/90	4	4	
ROMO0410	No	71825	ACIDITY, TOTAL (MG/L AS H)	06/06/78-06/06/78	0	1	
ROMO0646	Yes	71825	ACIDITY, TOTAL (MG/L AS H)	08/11/87-08/03/88	0	2	
ROMO0647	Yes	71825	ACIDITY, TOTAL (MG/L AS H)	08/06/86-08/31/91	5	6	
ROMO0648	Yes	71825	ACIDITY, TOTAL (MG/L AS H)	08/11/87-08/03/88	0	2	
ROMO0649	Yes	71825	ACIDITY, TOTAL (MG/L AS H)	08/25/90-08/31/91	1	2	
ROMO0657	Yes	71825	ACIDITY, TOTAL (MG/L AS H)	08/06/86-08/03/88	1	3	
ROMO0658	Yes	71825	ACIDITY, TOTAL (MG/L AS H)	08/06/86-08/03/88	1	4	
ROMO0659	Yes	71825	ACIDITY, TOTAL (MG/L AS H)	08/25/90-08/31/91	1	2	
ROMO0365	Yes	71830	HYDROXIDE ION (MG/L AS OH)	06/14/88-11/08/88	0	13	
ROMO0368	Yes	71830	HYDROXIDE ION (MG/L AS OH)	07/13/88-10/11/88	0	4	
ROMO0379	Yes	71830	HYDROXIDE ION (MG/L AS OH)	06/14/88-11/08/88	0	12	
ROMO0387	Yes	71830	HYDROXIDE ION (MG/L AS OH)	06/14/88-10/11/88	0	8	
ROMO0470	No	71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	04/18/79-12/17/80	1	20	
ROMO0069	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	1	
ROMO0074	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	1	
ROMO0086	No	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	05/18/95-10/04/95	0	12	
ROMO0091	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	1	
ROMO0093	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	1	
ROMO0096	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	1	
ROMO0099	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	1	
ROMO0102	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	1	
ROMO0103	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	1	
ROMO0104	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	2	
ROMO0106	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	1	
ROMO0109	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	1	
ROMO0112	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	1	
ROMO0113	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	1	
ROMO0119	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	1	
ROMO0120	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	1	
ROMO0122	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	1	
ROMO0164	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	1	
ROMO0170	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	1	
ROMO0174	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	08/15/95-08/15/95	0	1	
ROMO0175	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	08/15/95-08/15/95	0	1	
ROMO0177	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	08/15/95-08/15/95	0	1	
ROMO0179	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	08/15/95-08/15/95	0	1	
ROMO0182	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	1	
ROMO0183	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	1	
ROMO0186	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	1	
ROMO0189	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	08/15/95-08/15/95	0	1	
ROMO0190	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	08/15/95-08/15/95	0	1	
ROMO0195	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	1	
ROMO0196	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	1	
ROMO0198	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	1	
ROMO0200	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	1	
ROMO0202	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	08/15/95-08/15/95	0	1	
ROMO0203	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	1	
ROMO0205	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	1	
ROMO0217	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	1	
ROMO0218	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/19/83-10/07/97	14	58	
ROMO0219	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	08/13/91-10/07/97	6	20	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0221	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	04/16/83-08/24/88	5	60	
ROMO0222	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	04/16/83-04/17/97	14	74	
ROMO0223	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	04/16/83-04/17/97	14	75	
ROMO0224	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	1	
ROMO0234	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	06/07/83-10/07/97	14	74	
ROMO0235	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	1	
ROMO0239	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	1	
ROMO0240	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	06/07/83-10/10/84	1	10	
ROMO0243	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	04/16/83-08/24/88	5	39	
ROMO0244	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	04/16/83-05/29/84	1	15	
ROMO0245	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	04/16/83-06/17/97	14	47	
ROMO0246	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	08/15/95-08/15/95	0	1	
ROMO0256	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	06/07/83-10/07/97	14	66	
ROMO0257	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	1	
ROMO0263	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	08/15/95-08/15/95	0	1	
ROMO0267	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	1	
ROMO0268	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	05/05/92-10/20/97	5	351	
ROMO0279	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	1	
ROMO0281	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	08/15/95-08/15/95	0	1	
ROMO0282	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	08/15/95-08/15/95	0	1	
ROMO0284	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	08/23/93-08/23/93	0	1	
ROMO0286	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/05/83-10/07/97	14	65	
ROMO0288	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	1	
ROMO0290	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	1	
ROMO0291	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	06/21/88-07/29/97	9	6	
ROMO0292	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	1	
ROMO0293	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	08/15/95-08/15/95	0	1	
ROMO0295	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	1	
ROMO0296	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	1	
ROMO0298	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	2	
ROMO0302	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	04/15/92-10/20/97	5	413	
ROMO0305	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	08/15/95-08/15/95	0	1	
ROMO0307	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	1	
ROMO0308	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	04/04/83-10/07/97	14	127	
ROMO0310	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	1	
ROMO0311	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	1	
ROMO0313	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	04/04/83-11/13/88	5	68	
ROMO0314	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	04/04/83-03/18/97	13	87	
ROMO0315	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	04/04/83-12/23/97	14	102	
ROMO0324	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	04/30/95-08/21/95	0	5	
ROMO0325	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	06/10/83-12/30/97	14	604	A
ROMO0326	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	1	
ROMO0328	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	06/10/83-10/07/97	14	60	
ROMO0331	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	1	
ROMO0332	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	1	
ROMO0333	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	1	
ROMO0334	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/20/81-07/16/97	15	20	
ROMO0335	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	08/10/83-08/10/83	0	1	
ROMO0336	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	08/10/83-07/13/88	4	4	
ROMO0337	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/06/81-07/13/88	7	14	
ROMO0339	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	08/15/95-08/15/95	0	1	
ROMO0349	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	2	
ROMO0352	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	1	
ROMO0353	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/20/81-09/28/93	12	19	
ROMO0354	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	2	
ROMO0357	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	1	
ROMO0358	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	08/03/81-07/16/97	15	17	
ROMO0359	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	1	
ROMO0360	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	08/10/83-08/10/83	0	1	
ROMO0361	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	08/10/83-09/12/91	8	6	
ROMO0362	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/06/81-08/30/94	13	22	
ROMO0364	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	1	
ROMO0381	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	04/20/95-10/11/95	0	21	
ROMO0382	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	08/17/95-08/17/95	0	1	
ROMO0386	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	08/17/95-08/17/95	0	1	
ROMO0392	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	08/17/95-08/17/95	0	1	
ROMO0394	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	08/17/95-08/17/95	0	1	
ROMO0397	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	08/17/95-08/17/95	0	1	
ROMO0411	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	08/17/95-08/17/95	0	1	
ROMO0413	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	08/17/95-08/17/95	0	1	
ROMO0415	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	08/17/95-08/17/95	0	1	
ROMO0416	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	08/17/95-08/17/95	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0419	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	08/17/95-08/17/95	0	1	
ROMO0420	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	08/17/95-08/17/95	0	1	
ROMO0424	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	08/17/95-08/17/95	0	1	
ROMO0426	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	08/17/95-08/17/95	0	1	
ROMO0438	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	04/20/95-10/04/95	0	21	
ROMO0440	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	05/23/95-10/04/95	0	11	
ROMO0521	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	1	
ROMO0533	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	1	
ROMO0535	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	1	
ROMO0538	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	1	
ROMO0540	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	1	
ROMO0543	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	2	
ROMO0544	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	1	
ROMO0545	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	1	
ROMO0547	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	2	
ROMO0548	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	1	
ROMO0553	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	1	
ROMO0554	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	1	
ROMO0555	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	1	
ROMO0556	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	1	
ROMO0557	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	1	
ROMO0558	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	1	
ROMO0559	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	1	
ROMO0561	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	1	
ROMO0563	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	1	
ROMO0564	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	1	
ROMO0565	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	1	
ROMO0566	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	1	
ROMO0567	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	1	
ROMO0568	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	1	
ROMO0569	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	1	
ROMO0570	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	2	
ROMO0572	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	1	
ROMO0574	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	1	
ROMO0575	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	1	
ROMO0576	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	1	
ROMO0577	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	1	
ROMO0578	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	1	
ROMO0579	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	1	
ROMO0580	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	2	
ROMO0582	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	1	
ROMO0584	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	1	
ROMO0585	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	1	
ROMO0587	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	1	
ROMO0588	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	1	
ROMO0589	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	1	
ROMO0590	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	1	
ROMO0592	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	1	
ROMO0594	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	1	
ROMO0595	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	1	
ROMO0597	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	1	
ROMO0598	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	1	
ROMO0600	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	1	
ROMO0601	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	1	
ROMO0602	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	1	
ROMO0603	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	1	
ROMO0605	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	1	
ROMO0607	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	1	
ROMO0608	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	2	
ROMO0610	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	1	
ROMO0613	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	1	
ROMO0615	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	1	
ROMO0616	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	1	
ROMO0617	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	1	
ROMO0618	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	1	
ROMO0619	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	1	
ROMO0620	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	1	
ROMO0621	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	1	
ROMO0622	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	1	
ROMO0623	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	1	
ROMO0624	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	1	
ROMO0625	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0628	No	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	1	
ROMO0632	No	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	0	1	
ROMO0644	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/15/81-09/13/97	16	19	
ROMO0651	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	08/18/81-09/17/94	13	8	
ROMO0653	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/26/83-08/31/91	8	3	
ROMO0654	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/26/83-08/03/88	5	4	
ROMO0655	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/09/81-10/10/95	14	16	
ROMO0660	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/25/83-08/31/91	8	3	
ROMO0661	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/25/83-08/03/88	5	4	
ROMO0662	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/09/81-09/13/97	16	22	
ROMO0663	Yes	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/15/81-09/30/93	12	11	
ROMO0001	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/15/85-09/15/85	0	1	
ROMO0005	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/06/85-10/06/85	0	1	
ROMO0015	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/15/85-09/15/85	0	1	
ROMO0018	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/12/85-09/12/85	0	1	
ROMO0025	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/02/85-10/02/85	0	1	
ROMO0035	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/04/85-10/04/85	0	1	
ROMO0046	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/04/85-10/04/85	0	1	
ROMO0059	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	04/21/41-04/26/57	16	5	
ROMO0069	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	1	
ROMO0070	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/10/85-10/10/85	0	1	
ROMO0071	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/02/85-10/02/85	0	1	
ROMO0074	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	1	
ROMO0086	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	03/14/93-10/04/95	2	61	
ROMO0088	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/04/85-10/04/85	0	1	
ROMO0091	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	1	
ROMO0093	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	1	
ROMO0095	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/02/85-10/02/85	0	1	
ROMO0096	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	1	
ROMO0099	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	1	
ROMO0103	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	1	
ROMO0104	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	2	
ROMO0106	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	1	
ROMO0107	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/02/85-10/02/85	0	1	
ROMO0109	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	1	
ROMO0112	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	1	
ROMO0113	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	1	
ROMO0119	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	1	
ROMO0120	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	1	
ROMO0122	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	1	
ROMO0135	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/10/85-10/10/85	0	1	
ROMO0159	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/02/85-10/02/85	0	1	
ROMO0163	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/02/85-10/02/85	0	1	
ROMO0164	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	1	
ROMO0170	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	1	
ROMO0174	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/06/93-08/15/95	1	3	
ROMO0175	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/15/95-08/15/95	0	1	
ROMO0177	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/15/95-08/15/95	0	1	
ROMO0178	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/30/94-08/30/94	0	1	
ROMO0179	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/06/93-08/15/95	1	3	
ROMO0182	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	1	
ROMO0183	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	1	
ROMO0185	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/10/85-10/10/85	0	1	
ROMO0186	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	1	
ROMO0189	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/15/95-08/15/95	0	1	
ROMO0190	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/15/95-08/15/95	0	1	
ROMO0195	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	1	
ROMO0196	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	1	
ROMO0198	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	1	
ROMO0200	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	1	
ROMO0202	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/30/94-08/15/95	0	2	
ROMO0203	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	1	
ROMO0205	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	1	
ROMO0217	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	1	
ROMO0218	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/14/82-10/07/97	15	65	
ROMO0219	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/13/91-10/07/97	6	22	
ROMO0221	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/20/82-08/24/88	6	45	
ROMO0222	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/14/82-04/17/97	14	77	
ROMO0223	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/14/82-04/17/97	14	83	
ROMO0224	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	1	
ROMO0234	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/14/82-10/07/97	15	81	
ROMO0235	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	1	

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

Station/Parameter Period of Record Tabulation
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Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0239	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	1	
ROMO0240	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/08/82-09/20/84	2	17	
ROMO0243	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/08/82-08/24/88	6	53	
ROMO0244	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/13/82-05/29/84	1	21	
ROMO0245	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/08/82-06/17/97	15	66	
ROMO0246	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/20/94-08/15/95	1	4	
ROMO0256	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/18/82-10/07/97	15	80	
ROMO0257	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	1	
ROMO0263	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/06/93-08/15/95	1	5	
ROMO0267	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	1	
ROMO0268	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/05/92-11/12/98	6	376	
ROMO0279	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	1	
ROMO0281	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/06/93-08/15/95	1	2	
ROMO0282	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/06/93-08/15/95	1	7	
ROMO0284	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/23/93-08/23/93	0	1	
ROMO0286	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/05/83-10/07/97	14	66	
ROMO0287	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/08/82-10/21/82	0	7	
ROMO0288	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	1	
ROMO0291	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/21/88-07/29/97	9	6	
ROMO0292	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	1	
ROMO0293	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/06/93-08/15/95	1	5	
ROMO0294	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/10/85-10/10/85	0	1	
ROMO0295	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	1	
ROMO0296	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	1	
ROMO0298	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	2	
ROMO0302	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	04/15/92-11/12/98	6	502	
ROMO0305	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/06/93-08/15/95	1	5	
ROMO0307	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	1	
ROMO0308	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/11/82-10/07/97	15	136	
ROMO0310	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	1	
ROMO0311	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	1	
ROMO0313	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/02/82-11/13/88	6	48	
ROMO0314	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/02/82-03/18/97	14	91	
ROMO0315	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/11/82-12/23/97	15	110	
ROMO0316	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/14/82-10/21/82	0	6	
ROMO0322	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/10/85-10/10/85	0	1	
ROMO0324	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	04/30/95-08/21/95	0	5	
ROMO0325	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/11/82-12/30/97	15	642	A
ROMO0326	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	1	
ROMO0328	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	12/08/82-10/07/97	14	58	
ROMO0331	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	1	
ROMO0332	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	1	
ROMO0333	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	1	
ROMO0334	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/20/81-07/16/97	15	25	
ROMO0335	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/02/82-08/10/83	1	3	
ROMO0336	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/02/82-07/13/88	6	6	
ROMO0337	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/06/81-07/13/88	7	17	
ROMO0338	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/10/85-10/10/85	0	1	
ROMO0339	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/06/93-08/15/95	1	6	
ROMO0344	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/04/85-10/04/85	0	1	
ROMO0349	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	2	
ROMO0352	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	1	
ROMO0353	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/20/81-09/28/93	12	22	
ROMO0354	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	2	
ROMO0357	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	1	
ROMO0358	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/03/81-07/16/97	15	21	
ROMO0359	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	1	
ROMO0360	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/02/82-08/10/83	1	3	
ROMO0361	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/02/82-08/31/92	10	9	
ROMO0362	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/06/81-08/30/94	13	26	
ROMO0364	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	1	
ROMO0374	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/04/85-10/04/85	0	1	
ROMO0381	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	02/17/93-10/11/95	2	265	
ROMO0382	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/06/94-08/17/95	1	4	
ROMO0386	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/17/95-08/17/95	0	1	
ROMO0392	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/17/95-08/17/95	0	1	
ROMO0394	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/17/95-08/17/95	0	1	
ROMO0397	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/17/95-08/17/95	0	1	
ROMO0410	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	04/12/78-04/12/78	0	1	
ROMO0411	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/17/95-08/17/95	0	1	
ROMO0413	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/17/95-08/17/95	0	1	
ROMO0415	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/17/95-08/17/95	0	1	

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From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0416	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/06/94-08/17/95	1	3	
ROMO0419	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/06/94-08/17/95	1	2	
ROMO0420	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/06/94-08/17/95	1	2	
ROMO0424	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/11/93-08/17/95	1	6	
ROMO0426	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/11/93-08/17/95	1	4	
ROMO0435	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/04/85-10/04/85	0	1	
ROMO0436	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	03/21/93-10/19/93	0	23	
ROMO0437	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	02/11/93-11/01/94	1	49	
ROMO0438	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	02/11/93-10/04/95	2	70	
ROMO0440	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	03/21/93-10/04/95	2	224	
ROMO0444	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/19/93-10/20/94	1	26	
ROMO0448	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	03/21/93-11/01/94	1	48	
ROMO0466	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/04/85-10/04/85	0	1	
ROMO0470	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/18/75-11/18/81	6	71	
ROMO0475	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/18/75-10/18/75	0	1	
ROMO0486	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/12/85-09/12/85	0	1	
ROMO0490	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/06/85-10/06/85	0	1	
ROMO0510	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	03/10/94-11/01/94	0	24	
ROMO0521	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	1	
ROMO0533	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	1	
ROMO0535	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	1	
ROMO0538	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	1	
ROMO0540	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	1	
ROMO0543	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	2	
ROMO0544	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	1	
ROMO0545	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	1	
ROMO0547	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	2	
ROMO0548	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	1	
ROMO0553	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	1	
ROMO0554	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	1	
ROMO0555	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	1	
ROMO0556	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	1	
ROMO0557	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	1	
ROMO0558	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	1	
ROMO0559	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	1	
ROMO0561	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	1	
ROMO0563	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	1	
ROMO0564	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	1	
ROMO0565	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	1	
ROMO0566	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	1	
ROMO0567	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	1	
ROMO0568	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	1	
ROMO0569	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	1	
ROMO0570	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	2	
ROMO0572	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	1	
ROMO0573	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/04/85-10/04/85	0	1	
ROMO0574	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	1	
ROMO0575	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	1	
ROMO0576	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	1	
ROMO0577	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	1	
ROMO0578	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	1	
ROMO0579	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	1	
ROMO0580	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	2	
ROMO0582	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	1	
ROMO0584	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	1	
ROMO0585	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	1	
ROMO0587	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	1	
ROMO0588	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	1	
ROMO0589	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	1	
ROMO0590	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	1	
ROMO0591	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/06/85-10/06/85	0	1	
ROMO0592	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	1	
ROMO0594	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	1	
ROMO0595	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	1	
ROMO0597	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	1	
ROMO0598	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	1	
ROMO0600	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	1	
ROMO0601	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	1	
ROMO0602	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	1	
ROMO0603	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	1	
ROMO0605	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	1	
ROMO0607	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0608	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	2	
ROMO0610	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	1	
ROMO0613	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	1	
ROMO0615	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	1	
ROMO0616	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	1	
ROMO0617	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	1	
ROMO0618	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	1	
ROMO0619	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	1	
ROMO0620	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	1	
ROMO0621	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	1	
ROMO0622	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	1	
ROMO0623	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	1	
ROMO0624	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	1	
ROMO0625	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	1	
ROMO0628	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	1	
ROMO0632	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	0	1	
ROMO0644	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/15/81-09/13/97	16	24	
ROMO0651	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/18/81-09/17/94	13	9	
ROMO0653	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/08/82-08/31/91	9	6	
ROMO0654	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/08/82-08/03/88	6	7	
ROMO0655	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/09/81-10/10/95	14	20	
ROMO0660	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/08/82-08/31/91	9	6	
ROMO0661	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/08/82-08/03/88	6	7	
ROMO0662	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/09/81-09/13/97	16	27	
ROMO0663	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/15/81-09/30/93	12	16	
ROMO0668	Yes	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/04/85-10/04/85	0	1	
ROMO0671	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/11/85-09/11/85	0	1	
ROMO0068	Yes	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	08/14/75-08/14/75	0	1	
ROMO0081	No	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	10/03/75-10/03/75	0	1	
ROMO0410	No	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	04/12/78-04/12/78	0	1	
ROMO0470	No	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	09/18/75-11/18/81	6	72	
ROMO0475	No	71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	10/18/75-10/18/75	0	1	
ROMO0003	No	71870	BROMIDE (MG/L AS BR)	08/28/87-10/06/87	0	6	
ROMO0004	No	71870	BROMIDE (MG/L AS BR)	10/01/87-10/01/87	0	2	
ROMO0076	Yes	71870	BROMIDE (MG/L AS BR)	08/18/87-08/18/87	0	4	
ROMO0082	Yes	71870	BROMIDE (MG/L AS BR)	07/21/87-10/01/87	0	14	
ROMO0137	No	71870	BROMIDE (MG/L AS BR)	07/09/87-10/21/87	0	18	
ROMO0171	Yes	71870	BROMIDE (MG/L AS BR)	09/23/87-09/18/89	1	32	
ROMO0173	No	71870	BROMIDE (MG/L AS BR)	07/24/87-07/24/87	0	4	
ROMO0206	Yes	71870	BROMIDE (MG/L AS BR)	09/25/91-09/25/91	0	1	
ROMO0208	Yes	71870	BROMIDE (MG/L AS BR)	09/25/91-09/25/91	0	1	
ROMO0209	Yes	71870	BROMIDE (MG/L AS BR)	09/25/91-09/25/91	0	1	
ROMO0210	Yes	71870	BROMIDE (MG/L AS BR)	09/25/91-09/25/91	0	1	
ROMO0211	Yes	71870	BROMIDE (MG/L AS BR)	09/25/91-09/25/91	0	1	
ROMO0212	Yes	71870	BROMIDE (MG/L AS BR)	09/25/91-09/25/91	0	1	
ROMO0225	Yes	71870	BROMIDE (MG/L AS BR)	09/25/91-09/25/91	0	1	
ROMO0226	Yes	71870	BROMIDE (MG/L AS BR)	04/16/83-05/05/92	9	44	
ROMO0227	Yes	71870	BROMIDE (MG/L AS BR)	08/16/83-09/29/92	9	41	
ROMO0228	Yes	71870	BROMIDE (MG/L AS BR)	04/16/83-08/24/88	5	9	
ROMO0229	Yes	71870	BROMIDE (MG/L AS BR)	08/16/83-09/29/92	9	47	
ROMO0230	Yes	71870	BROMIDE (MG/L AS BR)	02/15/83-12/24/91	8	48	
ROMO0231	Yes	71870	BROMIDE (MG/L AS BR)	09/25/91-09/25/91	0	1	
ROMO0237	Yes	71870	BROMIDE (MG/L AS BR)	09/25/91-09/25/91	0	1	
ROMO0242	Yes	71870	BROMIDE (MG/L AS BR)	09/25/91-09/25/91	0	1	
ROMO0251	Yes	71870	BROMIDE (MG/L AS BR)	04/16/83-08/24/88	5	33	
ROMO0252	Yes	71870	BROMIDE (MG/L AS BR)	07/29/83-10/10/84	1	6	
ROMO0253	Yes	71870	BROMIDE (MG/L AS BR)	04/16/83-02/28/84	0	6	
ROMO0254	Yes	71870	BROMIDE (MG/L AS BR)	07/29/83-07/22/92	8	38	
ROMO0255	Yes	71870	BROMIDE (MG/L AS BR)	02/15/83-01/23/90	6	42	
ROMO0258	Yes	71870	BROMIDE (MG/L AS BR)	09/25/91-09/25/91	0	1	
ROMO0262	Yes	71870	BROMIDE (MG/L AS BR)	09/26/91-09/26/91	0	1	
ROMO0264	Yes	71870	BROMIDE (MG/L AS BR)	09/26/91-09/26/91	0	1	
ROMO0265	Yes	71870	BROMIDE (MG/L AS BR)	09/26/91-09/26/91	0	1	
ROMO0266	Yes	71870	BROMIDE (MG/L AS BR)	09/28/91-09/28/91	0	1	
ROMO0270	Yes	71870	BROMIDE (MG/L AS BR)	09/28/91-09/28/91	0	1	
ROMO0271	Yes	71870	BROMIDE (MG/L AS BR)	09/26/91-09/26/91	0	1	
ROMO0272	Yes	71870	BROMIDE (MG/L AS BR)	09/26/91-09/26/91	0	1	
ROMO0274	Yes	71870	BROMIDE (MG/L AS BR)	09/26/91-09/26/91	0	1	
ROMO0275	Yes	71870	BROMIDE (MG/L AS BR)	09/26/91-09/26/91	0	1	
ROMO0278	Yes	71870	BROMIDE (MG/L AS BR)	09/26/91-09/26/91	0	1	
ROMO0283	Yes	71870	BROMIDE (MG/L AS BR)	09/26/91-09/26/91	0	1	
ROMO0289	Yes	71870	BROMIDE (MG/L AS BR)	08/28/90-10/01/91	1	3	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0301	Yes	71870	BROMIDE (MG/L AS BR)	08/02/83-07/22/92	8	44	
ROMO0309	Yes	71870	BROMIDE (MG/L AS BR)	10/27/87-10/27/87	0	2	
ROMO0317	Yes	71870	BROMIDE (MG/L AS BR)	04/04/83-04/28/92	9	57	
ROMO0318	Yes	71870	BROMIDE (MG/L AS BR)	04/04/83-09/29/92	9	60	
ROMO0319	Yes	71870	BROMIDE (MG/L AS BR)	04/04/83-11/13/88	5	10	
ROMO0320	Yes	71870	BROMIDE (MG/L AS BR)	02/08/83-10/27/92	9	332	A
ROMO0321	Yes	71870	BROMIDE (MG/L AS BR)	02/08/83-04/28/92	9	73	
ROMO0323	Yes	71870	BROMIDE (MG/L AS BR)	10/27/87-10/27/87	0	2	
ROMO0327	Yes	71870	BROMIDE (MG/L AS BR)	08/02/83-09/29/92	9	32	
ROMO0341	Yes	71870	BROMIDE (MG/L AS BR)	07/14/86-09/12/91	5	5	
ROMO0342	Yes	71870	BROMIDE (MG/L AS BR)	07/14/87-07/13/88	0	2	
ROMO0343	Yes	71870	BROMIDE (MG/L AS BR)	07/14/86-07/13/88	1	3	
ROMO0347	Yes	71870	BROMIDE (MG/L AS BR)	07/21/87-07/21/87	0	2	
ROMO0363	Yes	71870	BROMIDE (MG/L AS BR)	08/12/87-09/18/89	2	40	
ROMO0369	Yes	71870	BROMIDE (MG/L AS BR)	07/14/87-09/12/91	4	4	
ROMO0370	Yes	71870	BROMIDE (MG/L AS BR)	07/15/86-09/12/91	5	5	
ROMO0371	Yes	71870	BROMIDE (MG/L AS BR)	07/15/86-07/13/88	1	3	
ROMO0372	Yes	71870	BROMIDE (MG/L AS BR)	07/15/86-09/12/91	5	5	
ROMO0373	Yes	71870	BROMIDE (MG/L AS BR)	07/17/87-11/10/87	0	24	
ROMO0407	Yes	71870	BROMIDE (MG/L AS BR)	08/31/87-08/31/87	0	2	
ROMO0430	No	71870	BROMIDE (MG/L AS BR)	07/21/87-08/08/89	2	7	
ROMO0472	No	71870	BROMIDE (MG/L AS BR)	07/05/87-11/10/87	0	28	
ROMO0508	Yes	71870	BROMIDE (MG/L AS BR)	07/09/87-07/17/87	0	6	
ROMO0530	Yes	71870	BROMIDE (MG/L AS BR)	10/27/87-10/27/87	0	2	
ROMO0646	Yes	71870	BROMIDE (MG/L AS BR)	08/11/87-08/03/88	0	2	
ROMO0647	Yes	71870	BROMIDE (MG/L AS BR)	08/06/86-08/31/91	5	6	
ROMO0648	Yes	71870	BROMIDE (MG/L AS BR)	08/11/87-08/03/88	0	2	
ROMO0649	Yes	71870	BROMIDE (MG/L AS BR)	08/25/90-08/31/91	1	2	
ROMO0657	Yes	71870	BROMIDE (MG/L AS BR)	08/06/86-08/03/88	1	3	
ROMO0658	Yes	71870	BROMIDE (MG/L AS BR)	08/06/86-08/03/88	1	4	
ROMO0659	Yes	71870	BROMIDE (MG/L AS BR)	08/25/90-08/31/91	1	2	
ROMO0001	No	71885	IRON (UG/L AS FE)	09/15/85-09/15/85	0	1	
ROMO0005	No	71885	IRON (UG/L AS FE)	10/06/85-10/06/85	0	1	
ROMO0015	No	71885	IRON (UG/L AS FE)	09/15/85-09/15/85	0	1	
ROMO0018	No	71885	IRON (UG/L AS FE)	09/12/85-09/12/85	0	1	
ROMO0025	Yes	71885	IRON (UG/L AS FE)	10/02/85-10/02/85	0	1	
ROMO0035	Yes	71885	IRON (UG/L AS FE)	10/04/85-10/04/85	0	1	
ROMO0046	Yes	71885	IRON (UG/L AS FE)	10/04/85-10/04/85	0	1	
ROMO0070	Yes	71885	IRON (UG/L AS FE)	10/10/85-10/10/85	0	1	
ROMO0071	Yes	71885	IRON (UG/L AS FE)	10/02/85-10/02/85	0	1	
ROMO0088	Yes	71885	IRON (UG/L AS FE)	10/04/85-10/04/85	0	1	
ROMO0095	Yes	71885	IRON (UG/L AS FE)	10/02/85-10/02/85	0	1	
ROMO0107	Yes	71885	IRON (UG/L AS FE)	10/02/85-10/02/85	0	1	
ROMO0135	Yes	71885	IRON (UG/L AS FE)	10/10/85-10/10/85	0	1	
ROMO0159	Yes	71885	IRON (UG/L AS FE)	10/02/85-10/02/85	0	1	
ROMO0163	Yes	71885	IRON (UG/L AS FE)	10/02/85-10/02/85	0	1	
ROMO0185	Yes	71885	IRON (UG/L AS FE)	10/10/85-10/10/85	0	1	
ROMO0294	Yes	71885	IRON (UG/L AS FE)	10/10/85-10/10/85	0	1	
ROMO0322	Yes	71885	IRON (UG/L AS FE)	10/10/85-10/10/85	0	1	
ROMO0338	Yes	71885	IRON (UG/L AS FE)	10/10/85-10/10/85	0	1	
ROMO0344	Yes	71885	IRON (UG/L AS FE)	10/04/85-10/04/85	0	1	
ROMO0374	Yes	71885	IRON (UG/L AS FE)	10/04/85-10/04/85	0	1	
ROMO0435	Yes	71885	IRON (UG/L AS FE)	10/04/85-10/04/85	0	1	
ROMO0466	Yes	71885	IRON (UG/L AS FE)	10/04/85-10/04/85	0	1	
ROMO0486	No	71885	IRON (UG/L AS FE)	09/12/85-09/12/85	0	1	
ROMO0490	Yes	71885	IRON (UG/L AS FE)	10/06/85-10/06/85	0	1	
ROMO0573	Yes	71885	IRON (UG/L AS FE)	10/04/85-10/04/85	0	1	
ROMO0591	Yes	71885	IRON (UG/L AS FE)	10/06/85-10/06/85	0	1	
ROMO0668	Yes	71885	IRON (UG/L AS FE)	10/04/85-10/04/85	0	1	
ROMO0671	No	71885	IRON (UG/L AS FE)	09/11/85-09/11/85	0	1	
ROMO0034	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	06/12/79-07/21/83	4	11	
ROMO0060	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	04/26/79-11/27/85	6	37	
ROMO0410	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	04/18/79-09/24/85	6	54	
ROMO0470	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	04/18/79-09/24/85	6	61	
ROMO0034	No	71887	NITROGEN, TOTAL, AS NO3 - MG/L	11/13/73-07/29/81	7	14	
ROMO0060	No	71887	NITROGEN, TOTAL, AS NO3 - MG/L	03/15/78-03/30/83	5	31	
ROMO0063	No	71887	NITROGEN, TOTAL, AS NO3 - MG/L	11/13/73-06/04/75	1	6	
ROMO0138	No	71887	NITROGEN, TOTAL, AS NO3 - MG/L	11/13/73-06/04/75	1	6	
ROMO0410	No	71887	NITROGEN, TOTAL, AS NO3 - MG/L	03/08/78-03/23/83	5	39	
ROMO0477	No	71887	NITROGEN, TOTAL, AS NO3 - MG/L	11/16/73-05/08/75	1	6	
ROMO0024	No	71890	MERCURY, DISSOLVED (UG/L AS HG)	09/30/96-09/09/97	0	5	
ROMO0034	No	71890	MERCURY, DISSOLVED (UG/L AS HG)	11/13/73-06/04/75	1	6	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0047	No	71890	MERCURY, DISSOLVED (UG/L AS HG)	11/06/75-11/06/75	0	1	
ROMO0063	No	71890	MERCURY, DISSOLVED (UG/L AS HG)	11/13/73-06/04/75	1	6	
ROMO0068	Yes	71890	MERCURY, DISSOLVED (UG/L AS HG)	08/14/75-08/14/75	0	1	
ROMO0081	No	71890	MERCURY, DISSOLVED (UG/L AS HG)	10/03/75-10/03/75	0	1	
ROMO0138	No	71890	MERCURY, DISSOLVED (UG/L AS HG)	11/13/73-06/04/75	1	6	
ROMO0141	No	71890	MERCURY, DISSOLVED (UG/L AS HG)	09/02/92-08/26/93	0	2	
ROMO0142	No	71890	MERCURY, DISSOLVED (UG/L AS HG)	07/14/93-09/27/93	0	2	
ROMO0460	No	71890	MERCURY, DISSOLVED (UG/L AS HG)	09/30/96-09/09/97	0	4	
ROMO0477	No	71890	MERCURY, DISSOLVED (UG/L AS HG)	11/16/73-01/14/75	1	5	
ROMO0011	No	71900	MERCURY, TOTAL (UG/L AS HG)	09/13/90-09/13/90	0	2	
ROMO0020	No	71900	MERCURY, TOTAL (UG/L AS HG)	08/21/90-08/21/90	0	3	
ROMO0026	No	71900	MERCURY, TOTAL (UG/L AS HG)	09/13/90-09/13/90	0	1	
ROMO0028	No	71900	MERCURY, TOTAL (UG/L AS HG)	09/13/90-09/13/90	0	2	
ROMO0131	No	71900	MERCURY, TOTAL (UG/L AS HG)	09/14/90-09/14/90	0	1	
ROMO0133	No	71900	MERCURY, TOTAL (UG/L AS HG)	08/21/90-09/14/90	0	3	
ROMO0483	No	71900	MERCURY, TOTAL (UG/L AS HG)	05/11/79-05/19/83	4	8	
ROMO0477	No	72000	ELEVATION OF LAND SURFACE DATUM (FT. ABOVE MSL)	10/04/52-08/11/53	0	27	
ROMO0638	No	72000	ELEVATION OF LAND SURFACE DATUM (FT. ABOVE MSL)	09/16/85-09/16/85	0	1	
ROMO0226	Yes	72015	DEPTH TO TOP OF SAMPLE INTERVAL (FT BELOW LSD)	08/16/83-08/25/87	4	29	
ROMO0228	Yes	72015	DEPTH TO TOP OF SAMPLE INTERVAL (FT BELOW LSD)	08/16/83-08/25/87	4	34	
ROMO0230	Yes	72015	DEPTH TO TOP OF SAMPLE INTERVAL (FT BELOW LSD)	08/16/83-08/25/87	4	28	
ROMO0251	Yes	72015	DEPTH TO TOP OF SAMPLE INTERVAL (FT BELOW LSD)	07/29/83-08/25/87	4	23	
ROMO0253	Yes	72015	DEPTH TO TOP OF SAMPLE INTERVAL (FT BELOW LSD)	07/29/83-02/28/84	0	5	
ROMO0255	Yes	72015	DEPTH TO TOP OF SAMPLE INTERVAL (FT BELOW LSD)	07/29/83-08/25/87	4	26	
ROMO0301	Yes	72015	DEPTH TO TOP OF SAMPLE INTERVAL (FT BELOW LSD)	08/30/83-08/30/83	0	1	
ROMO0317	Yes	72015	DEPTH TO TOP OF SAMPLE INTERVAL (FT BELOW LSD)	08/30/83-08/26/87	3	33	
ROMO0318	Yes	72015	DEPTH TO TOP OF SAMPLE INTERVAL (FT BELOW LSD)	08/30/83-06/12/84	0	2	
ROMO0319	Yes	72015	DEPTH TO TOP OF SAMPLE INTERVAL (FT BELOW LSD)	08/02/83-08/26/87	4	38	
ROMO0320	Yes	72015	DEPTH TO TOP OF SAMPLE INTERVAL (FT BELOW LSD)	08/30/83-06/12/84	0	3	
ROMO0321	Yes	72015	DEPTH TO TOP OF SAMPLE INTERVAL (FT BELOW LSD)	06/24/83-08/26/87	4	38	
ROMO0327	Yes	72015	DEPTH TO TOP OF SAMPLE INTERVAL (FT BELOW LSD)	08/30/83-08/30/83	0	1	
ROMO0342	Yes	72015	DEPTH TO TOP OF SAMPLE INTERVAL (FT BELOW LSD)	07/14/87-07/14/87	0	1	
ROMO0343	Yes	72015	DEPTH TO TOP OF SAMPLE INTERVAL (FT BELOW LSD)	07/14/86-07/14/87	1	2	
ROMO0369	Yes	72015	DEPTH TO TOP OF SAMPLE INTERVAL (FT BELOW LSD)	07/14/87-07/14/87	0	1	
ROMO0372	Yes	72015	DEPTH TO TOP OF SAMPLE INTERVAL (FT BELOW LSD)	07/15/86-07/14/87	0	2	
ROMO0646	Yes	72015	DEPTH TO TOP OF SAMPLE INTERVAL (FT BELOW LSD)	08/11/87-08/11/87	0	1	
ROMO0648	Yes	72015	DEPTH TO TOP OF SAMPLE INTERVAL (FT BELOW LSD)	08/11/87-08/11/87	0	1	
ROMO0657	Yes	72015	DEPTH TO TOP OF SAMPLE INTERVAL (FT BELOW LSD)	08/06/86-08/11/87	1	2	
ROMO0658	Yes	72015	DEPTH TO TOP OF SAMPLE INTERVAL (FT BELOW LSD)	08/06/86-08/11/87	1	3	
ROMO0034	No	72019	DEPTH TO WATER LEVEL (FEET BELOW LAND SURFACE)	07/16/87-07/16/87	0	1	
ROMO0226	Yes	72019	DEPTH TO WATER LEVEL (FEET BELOW LAND SURFACE)	02/03/87-03/31/87	0	2	
ROMO0228	Yes	72019	DEPTH TO WATER LEVEL (FEET BELOW LAND SURFACE)	02/03/87-03/31/87	0	2	
ROMO0230	Yes	72019	DEPTH TO WATER LEVEL (FEET BELOW LAND SURFACE)	02/03/87-03/31/87	0	2	
ROMO0251	Yes	72019	DEPTH TO WATER LEVEL (FEET BELOW LAND SURFACE)	02/03/87-03/31/87	0	2	
ROMO0255	Yes	72019	DEPTH TO WATER LEVEL (FEET BELOW LAND SURFACE)	02/03/87-03/31/87	0	2	
ROMO0317	Yes	72019	DEPTH TO WATER LEVEL (FEET BELOW LAND SURFACE)	01/20/87-04/07/87	0	3	
ROMO0319	Yes	72019	DEPTH TO WATER LEVEL (FEET BELOW LAND SURFACE)	01/20/87-04/07/87	0	3	
ROMO0321	Yes	72019	DEPTH TO WATER LEVEL (FEET BELOW LAND SURFACE)	01/20/87-04/07/87	0	3	
ROMO0001	No	72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	09/15/85-09/15/85	0	1	
ROMO0005	No	72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	10/06/85-10/06/85	0	1	
ROMO0015	No	72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	09/15/85-09/15/85	0	1	
ROMO0018	No	72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	09/12/85-09/12/85	0	1	
ROMO0025	Yes	72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	10/02/85-10/02/85	0	1	
ROMO0035	Yes	72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	10/04/85-10/04/85	0	1	
ROMO0046	Yes	72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	10/04/85-10/04/85	0	1	
ROMO0070	Yes	72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	10/10/85-10/10/85	0	1	
ROMO0071	Yes	72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	10/02/85-10/02/85	0	1	
ROMO0088	Yes	72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	10/04/85-10/04/85	0	1	
ROMO0095	Yes	72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	10/02/85-10/02/85	0	1	
ROMO0107	Yes	72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	10/02/85-10/02/85	0	1	
ROMO0135	Yes	72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	10/10/85-10/10/85	0	1	
ROMO0159	Yes	72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	10/02/85-10/02/85	0	1	
ROMO0163	Yes	72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	10/02/85-10/02/85	0	1	
ROMO0185	Yes	72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	10/10/85-10/10/85	0	1	
ROMO0294	Yes	72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	10/10/85-10/10/85	0	1	
ROMO0322	Yes	72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	10/10/85-10/10/85	0	1	
ROMO0338	Yes	72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	10/10/85-10/10/85	0	1	
ROMO0344	Yes	72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	10/04/85-10/04/85	0	1	
ROMO0374	Yes	72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	10/04/85-10/04/85	0	1	
ROMO0435	Yes	72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	10/04/85-10/04/85	0	1	
ROMO0466	Yes	72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	10/04/85-10/04/85	0	1	
ROMO0486	No	72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	09/12/85-09/12/85	0	1	

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Station/Parameter Period of Record Tabulation
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Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0490	Yes	72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	10/06/85-10/06/85	0	1	
ROMO0573	Yes	72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	10/04/85-10/04/85	0	1	
ROMO0591	Yes	72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	10/06/85-10/06/85	0	1	
ROMO0668	Yes	72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	10/04/85-10/04/85	0	1	
ROMO0671	No	72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	09/11/85-09/11/85	0	1	
ROMO0034	No	72025	DEPTH OF POND OR RESERVOIR IN FEET	08/22/73-08/22/73	0	1	
ROMO0063	No	72025	DEPTH OF POND OR RESERVOIR IN FEET	08/22/73-08/22/73	0	1	
ROMO0064	No	72025	DEPTH OF POND OR RESERVOIR IN FEET	08/26/75-10/10/75	0	2	
ROMO0075	No	72025	DEPTH OF POND OR RESERVOIR IN FEET	08/26/75-10/10/75	0	2	
ROMO0132	No	72025	DEPTH OF POND OR RESERVOIR IN FEET	08/26/75-10/10/75	0	2	
ROMO0136	No	72025	DEPTH OF POND OR RESERVOIR IN FEET	08/26/75-10/10/75	0	2	
ROMO0138	No	72025	DEPTH OF POND OR RESERVOIR IN FEET	08/22/73-08/22/73	0	1	
ROMO0143	No	72025	DEPTH OF POND OR RESERVOIR IN FEET	08/26/75-10/10/75	0	2	
ROMO0034	No	72027	AZIMUTH FROM OUTLET (DEGREES)	08/22/73-08/22/73	0	1	
ROMO0063	No	72027	AZIMUTH FROM OUTLET (DEGREES)	08/22/73-08/22/73	0	1	
ROMO0138	No	72027	AZIMUTH FROM OUTLET (DEGREES)	08/22/73-08/22/73	0	1	
ROMO0034	No	72029	DISTANCE FROM SOUTHERNMOST POINT (FEET)	08/22/73-08/22/73	0	1	
ROMO0063	No	72029	DISTANCE FROM SOUTHERNMOST POINT (FEET)	08/22/73-08/22/73	0	1	
ROMO0138	No	72029	DISTANCE FROM SOUTHERNMOST POINT (FEET)	08/22/73-08/22/73	0	1	
ROMO0404	Yes	72104	SAMPLE LOCATION, DISTANCE DOWNSTREAM (FEET)	01/26/95-03/17/97	2	22	
ROMO0447	Yes	72104	SAMPLE LOCATION, DISTANCE DOWNSTREAM (FEET)	07/15/96-07/15/96	0	1	
ROMO0404	Yes	72105	SAMPLE LOCATION, DISTANCE UPSTREAM (FEET)	06/07/95-10/07/96	1	7	
ROMO0447	Yes	72105	SAMPLE LOCATION, DISTANCE UPSTREAM (FEET)	06/17/96-06/17/96	0	1	
ROMO0450	Yes	74010	IRON, TOTAL (MG/L AS FE)	09/21/76-09/28/76	0	2	
ROMO0509	Yes	74010	IRON, TOTAL (MG/L AS FE)	05/03/85-07/21/87	2	9	
ROMO0511	Yes	74010	IRON, TOTAL (MG/L AS FE)	05/03/85-06/23/87	2	8	
ROMO0517	Yes	74010	IRON, TOTAL (MG/L AS FE)	05/03/85-07/21/87	2	9	
ROMO0523	Yes	74010	IRON, TOTAL (MG/L AS FE)	05/03/85-07/21/87	2	9	
ROMO0526	Yes	74010	IRON, TOTAL (MG/L AS FE)	05/03/85-07/21/87	2	9	
ROMO0529	Yes	74010	IRON, TOTAL (MG/L AS FE)	05/03/85-07/21/87	2	9	
ROMO0047	No	75038	POTASSIUM 40, TOTAL	11/06/75-11/06/75	0	1	
ROMO0068	Yes	75038	POTASSIUM 40, TOTAL	08/14/75-08/14/75	0	1	
ROMO0081	No	75038	POTASSIUM 40, TOTAL	10/03/75-10/03/75	0	1	
ROMO0032	Yes	79830	ENVIRONMENTAL CONDITION CODE (1,2, OR 3)	09/30/87-09/30/87	0	1	
ROMO0032	Yes	79831	DIVERSITY INDEX (0 LEAST; 4 GREATEST)	09/30/87-09/30/87	0	1	
ROMO0047	No	80030	ALPHA,DISSOLVED GROSS,AS URANIUM-NATURAL,UG/L	11/06/75-11/06/75	0	1	
ROMO0068	Yes	80030	ALPHA,DISSOLVED GROSS,AS URANIUM-NATURAL,UG/L	08/14/75-08/14/75	0	1	
ROMO0081	No	80030	ALPHA,DISSOLVED GROSS,AS URANIUM-NATURAL,UG/L	10/03/75-10/03/75	0	1	
ROMO0047	No	80050	BETA,DISSOLVED GROSS,AS SR-Y-90, PC/L	11/06/75-11/06/75	0	1	
ROMO0068	Yes	80050	BETA,DISSOLVED GROSS,AS SR-Y-90, PC/L	08/14/75-08/14/75	0	1	
ROMO0081	No	80050	BETA,DISSOLVED GROSS,AS SR-Y-90, PC/L	10/03/75-10/03/75	0	1	
ROMO0404	Yes	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	01/26/95-02/18/97	2	27	
ROMO0447	Yes	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	01/04/95-01/11/96	1	15	
ROMO0477	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/04/52-08/11/53	0	27	
ROMO0111	No	80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	05/26/76-09/20/76	0	9	
ROMO0176	No	80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	05/26/76-09/20/76	0	9	
ROMO0463	No	80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	05/25/79-10/05/79	0	49	
ROMO0477	No	80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	10/04/52-08/11/53	0	27	
ROMO0665	No	80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	05/20/76-09/23/76	0	9	
ROMO0667	No	80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	06/30/77-07/25/77	0	5	
ROMO0679	No	80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	05/05/76-09/03/76	0	8	
ROMO0683	No	80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	06/11/79-07/31/79	0	6	
ROMO0463	No	80225	BEDLOAD SEDIMENT DISCHARGE (TONS/DAY)	05/25/79-08/02/79	0	15	
ROMO0667	No	80225	BEDLOAD SEDIMENT DISCHARGE (TONS/DAY)	06/30/77-07/25/77	0	5	
ROMO0683	No	80225	BEDLOAD SEDIMENT DISCHARGE (TONS/DAY)	06/11/79-07/31/79	0	6	
ROMO0001	No	81024	DRAINAGE AREA IN SQUARE MILES (SQ. MI.)	09/15/85-09/15/85	0	1	
ROMO0005	No	81024	DRAINAGE AREA IN SQUARE MILES (SQ. MI.)	10/06/85-10/06/85	0	1	
ROMO0015	No	81024	DRAINAGE AREA IN SQUARE MILES (SQ. MI.)	09/15/85-09/15/85	0	1	
ROMO0018	No	81024	DRAINAGE AREA IN SQUARE MILES (SQ. MI.)	09/12/85-09/12/85	0	1	
ROMO0025	Yes	81024	DRAINAGE AREA IN SQUARE MILES (SQ. MI.)	10/02/85-10/02/85	0	1	
ROMO0035	Yes	81024	DRAINAGE AREA IN SQUARE MILES (SQ. MI.)	10/04/85-10/04/85	0	1	
ROMO0046	Yes	81024	DRAINAGE AREA IN SQUARE MILES (SQ. MI.)	10/04/85-10/04/85	0	1	
ROMO0070	Yes	81024	DRAINAGE AREA IN SQUARE MILES (SQ. MI.)	10/10/85-10/10/85	0	1	
ROMO0071	Yes	81024	DRAINAGE AREA IN SQUARE MILES (SQ. MI.)	10/02/85-10/02/85	0	1	
ROMO0088	Yes	81024	DRAINAGE AREA IN SQUARE MILES (SQ. MI.)	10/04/85-10/04/85	0	1	
ROMO0095	Yes	81024	DRAINAGE AREA IN SQUARE MILES (SQ. MI.)	10/02/85-10/02/85	0	1	
ROMO0107	Yes	81024	DRAINAGE AREA IN SQUARE MILES (SQ. MI.)	10/02/85-10/02/85	0	1	
ROMO0135	Yes	81024	DRAINAGE AREA IN SQUARE MILES (SQ. MI.)	10/10/85-10/10/85	0	1	
ROMO0159	Yes	81024	DRAINAGE AREA IN SQUARE MILES (SQ. MI.)	10/02/85-10/02/85	0	1	
ROMO0163	Yes	81024	DRAINAGE AREA IN SQUARE MILES (SQ. MI.)	10/02/85-10/02/85	0	1	
ROMO0185	Yes	81024	DRAINAGE AREA IN SQUARE MILES (SQ. MI.)	10/10/85-10/10/85	0	1	
ROMO0294	Yes	81024	DRAINAGE AREA IN SQUARE MILES (SQ. MI.)	10/10/85-10/10/85	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0322	Yes	81024	DRAINAGE AREA IN SQUARE MILES (SQ. MI.)	10/10/85-10/10/85	0	1	
ROMO0338	Yes	81024	DRAINAGE AREA IN SQUARE MILES (SQ. MI.)	10/10/85-10/10/85	0	1	
ROMO0344	Yes	81024	DRAINAGE AREA IN SQUARE MILES (SQ. MI.)	10/04/85-10/04/85	0	1	
ROMO0374	Yes	81024	DRAINAGE AREA IN SQUARE MILES (SQ. MI.)	10/04/85-10/04/85	0	1	
ROMO0435	Yes	81024	DRAINAGE AREA IN SQUARE MILES (SQ. MI.)	10/04/85-10/04/85	0	1	
ROMO0466	Yes	81024	DRAINAGE AREA IN SQUARE MILES (SQ. MI.)	10/04/85-10/04/85	0	1	
ROMO0486	No	81024	DRAINAGE AREA IN SQUARE MILES (SQ. MI.)	09/12/85-09/12/85	0	1	
ROMO0490	Yes	81024	DRAINAGE AREA IN SQUARE MILES (SQ. MI.)	10/06/85-10/06/85	0	1	
ROMO0573	Yes	81024	DRAINAGE AREA IN SQUARE MILES (SQ. MI.)	10/04/85-10/04/85	0	1	
ROMO0591	Yes	81024	DRAINAGE AREA IN SQUARE MILES (SQ. MI.)	10/06/85-10/06/85	0	1	
ROMO0638	No	81024	DRAINAGE AREA IN SQUARE MILES (SQ. MI.)	09/16/85-09/16/85	0	1	
ROMO0668	Yes	81024	DRAINAGE AREA IN SQUARE MILES (SQ. MI.)	10/04/85-10/04/85	0	1	
ROMO0671	No	81024	DRAINAGE AREA IN SQUARE MILES (SQ. MI.)	09/11/85-09/11/85	0	1	
ROMO0001	No	82047	DEPTH TO THE TOP OF THE SAMPLING INTERVAL (METERS)	09/15/85-09/15/85	0	1	
ROMO0005	No	82047	DEPTH TO THE TOP OF THE SAMPLING INTERVAL (METERS)	10/06/85-10/06/85	0	1	
ROMO0015	No	82047	DEPTH TO THE TOP OF THE SAMPLING INTERVAL (METERS)	09/15/85-09/15/85	0	1	
ROMO0018	No	82047	DEPTH TO THE TOP OF THE SAMPLING INTERVAL (METERS)	09/12/85-09/12/85	0	1	
ROMO0025	Yes	82047	DEPTH TO THE TOP OF THE SAMPLING INTERVAL (METERS)	10/02/85-10/02/85	0	1	
ROMO0035	Yes	82047	DEPTH TO THE TOP OF THE SAMPLING INTERVAL (METERS)	10/04/85-10/04/85	0	1	
ROMO0046	Yes	82047	DEPTH TO THE TOP OF THE SAMPLING INTERVAL (METERS)	10/04/85-10/04/85	0	1	
ROMO0070	Yes	82047	DEPTH TO THE TOP OF THE SAMPLING INTERVAL (METERS)	10/10/85-10/10/85	0	1	
ROMO0071	Yes	82047	DEPTH TO THE TOP OF THE SAMPLING INTERVAL (METERS)	10/02/85-10/02/85	0	1	
ROMO0088	Yes	82047	DEPTH TO THE TOP OF THE SAMPLING INTERVAL (METERS)	10/04/85-10/04/85	0	1	
ROMO0095	Yes	82047	DEPTH TO THE TOP OF THE SAMPLING INTERVAL (METERS)	10/02/85-10/02/85	0	1	
ROMO0107	Yes	82047	DEPTH TO THE TOP OF THE SAMPLING INTERVAL (METERS)	10/02/85-10/02/85	0	1	
ROMO0135	Yes	82047	DEPTH TO THE TOP OF THE SAMPLING INTERVAL (METERS)	10/10/85-10/10/85	0	1	
ROMO0159	Yes	82047	DEPTH TO THE TOP OF THE SAMPLING INTERVAL (METERS)	10/02/85-10/02/85	0	1	
ROMO0163	Yes	82047	DEPTH TO THE TOP OF THE SAMPLING INTERVAL (METERS)	10/02/85-10/02/85	0	1	
ROMO0185	Yes	82047	DEPTH TO THE TOP OF THE SAMPLING INTERVAL (METERS)	10/10/85-10/10/85	0	1	
ROMO0294	Yes	82047	DEPTH TO THE TOP OF THE SAMPLING INTERVAL (METERS)	10/10/85-10/10/85	0	1	
ROMO0322	Yes	82047	DEPTH TO THE TOP OF THE SAMPLING INTERVAL (METERS)	10/10/85-10/10/85	0	1	
ROMO0338	Yes	82047	DEPTH TO THE TOP OF THE SAMPLING INTERVAL (METERS)	10/10/85-10/10/85	0	1	
ROMO0344	Yes	82047	DEPTH TO THE TOP OF THE SAMPLING INTERVAL (METERS)	10/04/85-10/04/85	0	1	
ROMO0374	Yes	82047	DEPTH TO THE TOP OF THE SAMPLING INTERVAL (METERS)	10/04/85-10/04/85	0	1	
ROMO0435	Yes	82047	DEPTH TO THE TOP OF THE SAMPLING INTERVAL (METERS)	10/04/85-10/04/85	0	1	
ROMO0466	Yes	82047	DEPTH TO THE TOP OF THE SAMPLING INTERVAL (METERS)	10/04/85-10/04/85	0	1	
ROMO0486	No	82047	DEPTH TO THE TOP OF THE SAMPLING INTERVAL (METERS)	09/12/85-09/12/85	0	1	
ROMO0490	Yes	82047	DEPTH TO THE TOP OF THE SAMPLING INTERVAL (METERS)	10/06/85-10/06/85	0	1	
ROMO0573	Yes	82047	DEPTH TO THE TOP OF THE SAMPLING INTERVAL (METERS)	10/04/85-10/04/85	0	1	
ROMO0591	Yes	82047	DEPTH TO THE TOP OF THE SAMPLING INTERVAL (METERS)	10/06/85-10/06/85	0	1	
ROMO0668	Yes	82047	DEPTH TO THE TOP OF THE SAMPLING INTERVAL (METERS)	10/04/85-10/04/85	0	1	
ROMO0671	No	82047	DEPTH TO THE TOP OF THE SAMPLING INTERVAL (METERS)	09/11/85-09/11/85	0	1	
ROMO0410	No	82068	POTASSIUM 40, DISSOLVED, K-40 PC/LITER	01/22/81-07/22/81	0	7	
ROMO0470	No	82068	POTASSIUM 40, DISSOLVED, K-40 PC/LITER	01/22/81-07/22/81	0	7	
ROMO0001	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	09/15/85-09/15/85	0	1	
ROMO0005	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/06/85-10/06/85	0	1	
ROMO0015	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	09/15/85-09/15/85	0	1	
ROMO0018	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	09/12/85-09/12/85	0	1	
ROMO0025	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/02/85-10/02/85	0	1	
ROMO0035	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/04/85-10/04/85	0	1	
ROMO0046	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/04/85-10/04/85	0	1	
ROMO0070	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/10/85-10/10/85	0	1	
ROMO0071	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/02/85-10/02/85	0	1	
ROMO0088	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/04/85-10/04/85	0	1	
ROMO0095	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/02/85-10/02/85	0	1	
ROMO0107	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/02/85-10/02/85	0	1	
ROMO0135	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/10/85-10/10/85	0	1	
ROMO0159	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/02/85-10/02/85	0	1	
ROMO0163	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/02/85-10/02/85	0	1	
ROMO0185	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/10/85-10/10/85	0	1	
ROMO0294	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/10/85-10/10/85	0	1	
ROMO0322	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/10/85-10/10/85	0	1	
ROMO0338	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/10/85-10/10/85	0	1	
ROMO0344	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/04/85-10/04/85	0	1	
ROMO0374	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/04/85-10/04/85	0	1	
ROMO0435	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/04/85-10/04/85	0	1	
ROMO0466	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/04/85-10/04/85	0	1	
ROMO0486	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	09/12/85-09/12/85	0	1	
ROMO0490	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/06/85-10/06/85	0	1	
ROMO0573	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/04/85-10/04/85	0	1	
ROMO0591	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/06/85-10/06/85	0	1	
ROMO0668	Yes	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/04/85-10/04/85	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0671	No	82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	09/11/85-09/11/85	0	1	
ROMO0171	Yes	82086	SULFUR-34/SULFUR-32 STABLE ISOTOPE RATIO PER MIL	10/08/88-10/08/88	0	2	
ROMO0230	Yes	82086	SULFUR-34/SULFUR-32 STABLE ISOTOPE RATIO PER MIL	11/14/89-11/14/89	0	1	
ROMO0323	Yes	82086	SULFUR-34/SULFUR-32 STABLE ISOTOPE RATIO PER MIL	10/12/88-11/13/90	2	11	
ROMO0363	Yes	82086	SULFUR-34/SULFUR-32 STABLE ISOTOPE RATIO PER MIL	09/27/88-08/24/89	0	4	
ROMO0034	No	82398	SAMPLING METHOD (CODES)	06/25/81-05/26/93	11	2	
ROMO0060	No	82398	SAMPLING METHOD (CODES)	10/30/91-10/30/91	0	1	
ROMO0226	Yes	82398	SAMPLING METHOD (CODES)	06/12/84-05/05/92	7	38	
ROMO0227	Yes	82398	SAMPLING METHOD (CODES)	08/14/84-09/29/92	8	36	
ROMO0228	Yes	82398	SAMPLING METHOD (CODES)	06/12/84-08/25/87	3	34	
ROMO0229	Yes	82398	SAMPLING METHOD (CODES)	06/13/84-09/29/92	8	43	
ROMO0230	Yes	82398	SAMPLING METHOD (CODES)	06/12/84-02/25/92	7	37	
ROMO0251	Yes	82398	SAMPLING METHOD (CODES)	07/23/84-08/25/87	3	21	
ROMO0252	Yes	82398	SAMPLING METHOD (CODES)	08/13/84-10/10/84	0	3	
ROMO0254	Yes	82398	SAMPLING METHOD (CODES)	07/10/84-07/22/92	8	31	
ROMO0255	Yes	82398	SAMPLING METHOD (CODES)	07/23/84-01/23/90	5	26	
ROMO0289	Yes	82398	SAMPLING METHOD (CODES)	08/28/90-10/01/91	1	3	
ROMO0301	Yes	82398	SAMPLING METHOD (CODES)	06/13/84-07/22/92	8	37	
ROMO0317	Yes	82398	SAMPLING METHOD (CODES)	04/17/84-04/28/92	8	43	
ROMO0318	Yes	82398	SAMPLING METHOD (CODES)	06/12/84-09/29/92	8	44	
ROMO0319	Yes	82398	SAMPLING METHOD (CODES)	04/17/84-11/13/88	4	39	
ROMO0320	Yes	82398	SAMPLING METHOD (CODES)	04/25/84-10/27/92	8	331	
ROMO0321	Yes	82398	SAMPLING METHOD (CODES)	04/17/84-04/28/92	8	47	
ROMO0327	Yes	82398	SAMPLING METHOD (CODES)	06/13/84-09/29/92	8	30	
ROMO0341	Yes	82398	SAMPLING METHOD (CODES)	07/14/86-09/12/91	5	5	
ROMO0342	Yes	82398	SAMPLING METHOD (CODES)	07/14/87-07/14/87	0	1	
ROMO0343	Yes	82398	SAMPLING METHOD (CODES)	07/14/86-07/14/87	1	2	
ROMO0369	Yes	82398	SAMPLING METHOD (CODES)	07/14/87-09/12/91	4	4	
ROMO0370	Yes	82398	SAMPLING METHOD (CODES)	07/15/86-08/17/90	4	4	
ROMO0371	Yes	82398	SAMPLING METHOD (CODES)	07/15/86-07/14/87	0	2	
ROMO0372	Yes	82398	SAMPLING METHOD (CODES)	07/15/86-09/12/91	5	6	
ROMO0404	Yes	82398	SAMPLING METHOD (CODES)	01/26/95-03/17/97	2	29	
ROMO0447	Yes	82398	SAMPLING METHOD (CODES)	06/17/96-07/15/96	0	2	
ROMO0470	No	82398	SAMPLING METHOD (CODES)	10/09/75-05/11/83	7	38	
ROMO0646	Yes	82398	SAMPLING METHOD (CODES)	08/11/87-08/03/88	0	2	
ROMO0647	Yes	82398	SAMPLING METHOD (CODES)	08/06/86-08/25/90	4	6	
ROMO0648	Yes	82398	SAMPLING METHOD (CODES)	08/11/87-09/01/89	2	3	
ROMO0649	Yes	82398	SAMPLING METHOD (CODES)	08/25/90-08/31/91	1	2	
ROMO0657	Yes	82398	SAMPLING METHOD (CODES)	08/06/86-08/03/88	1	3	
ROMO0658	Yes	82398	SAMPLING METHOD (CODES)	08/06/86-09/01/89	3	5	
ROMO0659	Yes	82398	SAMPLING METHOD (CODES)	08/25/90-08/31/91	1	2	
ROMO0047	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	11/06/75-07/06/76	0	2	
ROMO0050	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	07/05/76-07/05/76	0	1	
ROMO0056	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	07/06/76-07/06/76	0	1	
ROMO0081	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	10/03/75-10/03/75	0	1	
ROMO0082	Yes	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	10/01/87-10/01/87	0	1	
ROMO0130	Yes	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	07/08/74-07/08/74	0	1	
ROMO0137	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	08/22/87-10/21/87	0	2	
ROMO0150	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	07/02/76-07/02/76	0	1	
ROMO0171	Yes	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	07/24/89-07/24/89	0	1	
ROMO0180	Yes	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	08/27/74-08/27/74	0	1	
ROMO0229	Yes	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	09/04/86-09/04/86	0	1	
ROMO0253	Yes	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	02/28/84-02/28/84	0	1	
ROMO0289	Yes	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	08/28/90-08/28/90	0	1	
ROMO0303	Yes	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	07/26/92-09/16/94	2	6	
ROMO0320	Yes	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	09/09/86-10/27/92	6	9	
ROMO0323	Yes	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	11/14/89-11/14/89	0	1	
ROMO0327	Yes	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	07/20/88-09/26/91	3	7	
ROMO0341	Yes	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	07/13/88-09/12/91	3	3	
ROMO0351	Yes	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	08/20/74-08/20/74	0	1	
ROMO0363	Yes	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	08/23/88-09/18/89	1	6	
ROMO0369	Yes	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	09/05/89-09/12/91	2	3	
ROMO0371	Yes	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	07/13/88-07/13/88	0	1	
ROMO0373	Yes	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	11/10/87-11/10/87	0	1	
ROMO0407	Yes	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	08/31/87-08/31/87	0	1	
ROMO0430	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	07/26/87-07/26/87	0	1	
ROMO0447	Yes	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	08/20/96-08/20/96	0	1	
ROMO0451	Yes	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	01/04/95-01/04/95	0	1	
ROMO0472	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	11/10/87-11/10/87	0	1	
ROMO0484	Yes	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	09/11/74-09/11/74	0	1	
ROMO0525	Yes	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	08/27/74-08/27/74	0	1	
ROMO0528	Yes	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	07/18/74-07/18/74	0	1	

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

Station/Parameter Period of Record Tabulation
From 01/01/01 To 11/12/98

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
ROMO0530	Yes	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	10/27/87-10/27/87	0	2	
ROMO0647	Yes	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	08/03/88-08/31/91	3	2	
ROMO0649	Yes	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	08/25/90-08/25/90	0	1	
ROMO0658	Yes	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	09/01/89-09/01/89	0	1	
ROMO0659	Yes	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	08/25/90-08/31/91	1	2	
ROMO0047	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	11/06/75-07/06/76	0	2	
ROMO0050	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	07/05/76-07/05/76	0	1	
ROMO0056	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	07/06/76-07/06/76	0	1	
ROMO0081	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	10/03/75-10/03/75	0	1	
ROMO0082	Yes	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	10/01/87-10/01/87	0	1	
ROMO0130	Yes	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	07/08/74-07/08/74	0	1	
ROMO0137	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	08/22/87-10/21/87	0	2	
ROMO0150	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	07/02/76-07/02/76	0	1	
ROMO0171	Yes	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	07/24/89-08/24/89	0	2	
ROMO0180	Yes	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	08/27/74-08/27/74	0	1	
ROMO0229	Yes	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	09/04/86-09/04/86	0	1	
ROMO0253	Yes	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	02/28/84-02/28/84	0	1	
ROMO0255	Yes	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	12/03/88-12/03/88	0	1	
ROMO0289	Yes	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	08/28/90-08/28/90	0	1	
ROMO0303	Yes	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	07/26/92-09/16/94	2	6	
ROMO0320	Yes	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	09/09/86-10/27/92	6	9	
ROMO0323	Yes	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	11/14/89-11/14/89	0	1	
ROMO0327	Yes	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	07/20/88-09/26/91	3	7	
ROMO0341	Yes	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	07/13/88-09/12/91	3	3	
ROMO0351	Yes	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	08/20/74-08/20/74	0	1	
ROMO0363	Yes	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	08/23/88-09/18/89	1	6	
ROMO0369	Yes	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	09/05/89-09/12/91	2	3	
ROMO0371	Yes	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	07/13/88-07/13/88	0	1	
ROMO0373	Yes	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	11/10/87-11/10/87	0	1	
ROMO0407	Yes	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	08/31/87-08/31/87	0	1	
ROMO0430	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	07/26/87-08/08/89	2	2	
ROMO0447	Yes	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	08/20/96-08/20/96	0	1	
ROMO0451	Yes	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	01/04/95-01/04/95	0	1	
ROMO0472	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	11/10/87-11/10/87	0	1	
ROMO0484	Yes	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	09/11/74-09/11/74	0	1	
ROMO0525	Yes	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	08/27/74-08/27/74	0	1	
ROMO0528	Yes	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	07/18/74-07/18/74	0	1	
ROMO0530	Yes	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	10/27/87-10/27/87	0	2	
ROMO0647	Yes	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	08/03/88-08/31/91	3	2	
ROMO0649	Yes	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	08/25/90-08/25/90	0	1	
ROMO0658	Yes	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	09/01/89-09/01/89	0	1	
ROMO0659	Yes	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	08/25/90-08/31/91	1	2	
ROMO0034	No	85209	ALGAL GROWTH POTENTIAL, FILTERED (MG/L)	06/15/78-07/16/87	9	7	
ROMO0470	No	85209	ALGAL GROWTH POTENTIAL, FILTERED (MG/L)	07/15/76-09/24/87	11	71	

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

Station-By-Station Results

Station Inventory for Station: ROMO0001

NPS Station ID: ROMO0001 LAT/LON: 40.116670/-105.610282 Agency: 12WLS1 Date Created: 09/03/88
Location: CONEY LAKE FIPS State/County: 08013 COLORADO/BOULDER
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 4E1-039
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 10190005 Depth of Water: 13 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 10190005 RF1 Mile Point: 0.000 Distance from RF1: 2.50 On/Off RF1:
RF3 Index: 10190005007600.00 RF3 Mile Point: 0.00 Distance from RF3: 0.03 On/Off RF3:
Description:
THIS DATA WAS COLLECTED DURING THE WESTERN LAKE SURVEY-PHASE I (WLS-I) AS PART OF EPA'S NATIONAL SURFACE WATER SURVEY, AQUATIC EFFECTS RESEARCH PROGRAM. THE SURVEY DESIGN, METHODS, AND DATA LIMITATIONS ARE DESCRIBED IN:
LANDERS, D.H., ET AL. 1987. CHARACTERISTICS OF LAKES IN THE WESTERN UNITED STATES. VOL. I. POPULATION DESCRIPTIONS AND PHYSICO-CHEMICAL RELATIONSHIPS. EPA/600/4-86/054A. U.S. ENVIRON. PROT. AGENCY, WASHINGTON, D.C. 176 PP.
THE DATA PRESENTED HERE ARE THOSE REPORTED IN LANDERS ET AL. (1987) WITH THE FOLLOWING EXCEPTIONS: (1) UNITS FOR CHEMICAL PARAMETERS ARE TYPICALLY IN MG/L RATHER THAN MICROEQ/L; (2) NO SUBSTITUTED VALUES ARE PROVIDED FOR SUSPECT DATA; (3) TAGS AND FLAGS USED TO IDENTIFY SUSPICIOUS DATA ARE NOT SHOWN; AND (4) CALCULATED OR DERIVED VARIABLES ARE EXCLUDED.

Parameter Inventory for Station: ROMO0001

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/15/85-09/15/85	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	09/15/85-09/15/85	1	4.4	4.4	4.4	4.4	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	09/15/85-09/15/85	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/15/85-09/15/85	1	27.	27.	27.	27.	0.	0.	**	**	**	**
00154	SULFATE (AS S) WHOLE WATER, MG/L	09/15/85-09/15/85	1	4.3	4.3	4.3	4.3	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	09/15/85-09/15/85	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/15/85-09/15/85	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/15/85-09/15/85	1	0.079	0.079	0.079	0.079	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	09/15/85-09/15/85	1	126.9	126.9	126.9	126.9	0.	0.	**	**	**	**
00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	09/15/85-09/15/85	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/15/85-09/15/85	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	09/15/85-09/15/85	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
00910	CALCIUM (MG/L AS CACO3)	09/15/85-09/15/85	1	3.9	3.9	3.9	3.9	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/15/85-09/15/85	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/15/85-09/15/85	1	0.49	0.49	0.49	0.49	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/15/85-09/15/85	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/15/85-09/15/85	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/15/85-09/15/85	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/15/85-09/15/85	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/15/85-09/15/85	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	09/15/85-09/15/85	1	15.	15.	15.	15.	0.	0.	**	**	**	**
70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	09/15/85-09/15/85	1	0.032	0.032	0.032	0.032	0.	0.	**	**	**	**

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

Parameter Inventory for Station: ROMO0001

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/15/85-09/15/85	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
71885	IRON (UG/L AS FE)	09/15/85-09/15/85	1	20.	20.	20.	20.	0.	0.	**	**	**	**
72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	09/15/85-09/15/85	1	10586.5	10586.5	10586.5	10586.5	0.	0.	**	**	**	**
82047	DEPTH TO THE TOP OF THE SAMPLING INTERVAL (METERS)	09/15/85-09/15/85	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	09/15/85-09/15/85	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0001

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00154	SULFATE (AS S) WHOLE WATER	Drinking Water	250.	1	0	0.00	1	0	0.00									
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: ROMO0002

NPS Station ID: ROMO0002 | LAT/LON: 40.116893/-105.757809 | Agency: 11NPSWRD | Date Created: 06/18/99
Location: 105399/C04068 | FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): ROMO_NURE_146 /1073814 /1118292
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 14010001 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: UPPER COLORADO RIVER | ECO Region:
RF1 Index: 14010001 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE "STRAWBERRY LAKE COLORADO" 7.5 MINUTE SERIES QUADRANGLE. THE SITE IS AT AN ARTIFICIAL LAKE/POND OUTSIDE OF ROCKY MOUNTAIN NATIONAL PARK. EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO ONE WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATA BASE: "NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SOIL; STREAM SEDIMENT; SURFACE WATER; AND GROUND WATER DATA. "UNIQID" FIELD ENTRIES WERE USED TO CREATE THE SECONDARY STATION NAMES. THE "LASLID" FIELD ENTRIES (LAB SAMPLE NUMBERS) WERE USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LAB. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND KELLI O'CONNOR; NATIONAL PARK SERVICE WRD; 1201 OAK RIDGE DR. SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/21/76-09/21/76	1	16.9	16.9	16.9	16.9	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/21/76-09/21/76	1	90.	90.	90.	90.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/21/76-09/21/76	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/21/76-09/21/76	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/21/76-09/21/76	1	0.251	0.251	0.251	0.251	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/21/76-09/21/76	1	0.52	0.52	0.52	0.52	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0002

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: ROMO0003

NPS Station ID: ROMO0003
LAT/LON: 40.118059/-105.545559
Agency: 112WRD
Date Created: 01/07/89
Location: BIG STAPP LAKE
FIPS State/County: 08013 COLORADO/BOULDER
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 400705105324400
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC:
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 13.90
On/Off RF1:
RF3 Index: 10190005057002.76
RF3 Mile Point: 3.62
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0003

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/28/87-10/06/87	6	2.	13.333	36.	2.	308.267	17.558	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/28/87-10/06/87	3	10.	11.333	15.	9.	10.333	3.215	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/28/87-10/06/87	6	2.	5.667	14.	1.	41.867	6.47	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/28/87-10/06/87	6	18.	20.	24.	18.	9.6	3.098	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/28/87-08/28/87	2	3.3	3.3	6.3	0.3	18.	4.243	**	**	**	**
00400	PH (STANDARD UNITS)	08/28/87-10/06/87	3	7.37	7.227	7.73	6.58	0.346	0.588	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/28/87-10/06/87	3	7.37	6.966	7.73	6.58	0.448	0.669	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/28/87-10/06/87	3	0.043	0.108	0.263	0.019	0.018	0.135	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/28/87-10/06/87	6	7.1	7.1	7.5	6.7	0.128	0.358	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/28/87-10/06/87	6	7.1	6.985	7.5	6.7	0.144	0.379	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/28/87-10/06/87	6	0.079	0.104	0.2	0.032	0.006	0.077	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/28/87-10/06/87	6 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/28/87-10/06/87	6 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/28/87-10/06/87	6	1.7	2.033	2.7	1.7	0.267	0.516	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/28/87-10/06/87	6	0.4	0.367	0.4	0.3	0.003	0.052	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/28/87-10/06/87	6	1.3	1.267	1.3	1.2	0.003	0.052	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/28/87-10/06/87	6	0.29	0.33	0.43	0.27	0.006	0.078	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/28/87-10/06/87	6	0.2	0.233	0.3	0.2	0.003	0.052	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/28/87-10/06/87	6	2.	2.	2.	2.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/28/87-10/06/87	6	0.05	0.053	0.06	0.05	0.	0.005	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/28/87-10/06/87	6	3.3	2.967	3.4	2.2	0.355	0.596	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/28/87-10/06/87	6	170.	403.333	910.	130.	154346.667	392.87	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/28/87-10/06/87	6	2.	54.167	160.	0.5	6720.867	81.981	**	**	**	**
71870	BROMIDE (MG/L AS BR)	08/28/87-10/06/87	6 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0003

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	1	0.50	2	1	0.50									
00400	PH	Fresh Chronic	9.	3	0	0.00	3	0	0.00									
		Other-Lo Lim.	6.5	3	0	0.00	3	0	0.00									
00403	PH, LAB	Fresh Chronic	9.	6	0	0.00	6	0	0.00									
		Other-Lo Lim.	6.5	6	0	0.00	6	0	0.00									

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

EPA Water Quality Criteria Analysis for Station: ROMO0003

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	6	0	0.00	6	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	6	0	0.00	6	0	0.00									
		Drinking Water	250.	6	0	0.00	6	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	6	0	0.00	6	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	6	0	0.00	6	0	0.00									

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

Station Inventory for Station: ROMO0004

NPS Station ID: ROMO0004
LAT/LON: 40.118338/-105.540005
Agency: 112WRD
Date Created: 01/07/89
Location: LILY LAKE 2
FIPS State/County: 08013 COLORADO/BOULDER
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 400706105322400
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC:
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 8.10
On/Off RF1:
RF3 Index: 10190005012800.00
RF3 Mile Point: 0.00
Distance from RF3: 0.04
On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/01/87-10/01/87	2	2.	2.	2.	2.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/01/87-10/01/87	1	10.5	10.5	10.5	10.5	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	10/01/87-10/01/87	2	1.	1.	1.	1.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/01/87-10/01/87	2	19.	19.	19.	19.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/01/87-10/01/87	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/01/87-10/01/87	1	7.02	7.02	7.02	7.02	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/01/87-10/01/87	1	7.02	7.02	7.02	7.02	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/01/87-10/01/87	1	0.095	0.095	0.095	0.095	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	10/01/87-10/01/87	2	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/01/87-10/01/87	2	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/01/87-10/01/87	2	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/01/87-10/01/87	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/01/87-10/01/87	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/01/87-10/01/87	2	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/01/87-10/01/87	2	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/01/87-10/01/87	2	0.47	0.47	0.47	0.47	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/01/87-10/01/87	2	0.38	0.38	0.38	0.38	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/01/87-10/01/87	2	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/01/87-10/01/87	2	1.	1.	1.	1.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/01/87-10/01/87	2	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/01/87-10/01/87	2	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	10/01/87-10/01/87	2	120.	120.	120.	120.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/01/87-10/01/87	2	2.	2.	2.	2.	0.	0.	**	**	**	**
71870	BROMIDE (MG/L AS BR)	10/01/87-10/01/87	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0004

				Total	Exceed	Prop.	6/10-10/31			11/01-4/10			4/11-6/09			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00	1	0	0.00									
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00403	PH, LAB	Fresh Chronic	9.	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	0	0.00	2	0	0.00									

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

EPA Water Quality Criteria Analysis for Station: ROMO0004

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	2	0	0.00	2	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00	2	0	0.00									
		Drinking Water	250.	2	0	0.00	2	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	2	0	0.00	2	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	2	0	0.00	2	0	0.00									

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

Station Inventory for Station: ROMO0005

NPS Station ID: ROMO0005 | LAT/LON: 40.119448/-105.541115 | Agency: 12WLS1 | Date Created: 09/03/88
Location: STAPP LAKES (LG.NE) | FIPS State/County: 08013 COLORADO/BOULDER
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): 4E2-015
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 10190005 | Depth of Water: 16 | Aquifer:
Major Basin: | Elevation: 0 | Water Body Id:
Minor Basin: | ECO Region:
RF1 Index: 10190005 | RF1 Mile Point: 0.000 | Distance from RF1: 3.20 | On/Off RF1:
RF3 Index: 10190005056701.00 | RF3 Mile Point: 1.00 | Distance from RF3: 0.06 | On/Off RF3:
Description:
THIS DATA WAS COLLECTED DURING THE WESTERN LAKE SURVEY-PHASE I (WLS-I) AS PART OF EPA'S NATIONAL SURFACE WATER SURVEY, AQUATIC EFFECTS RESEARCH PROGRAM. THE SURVEY DESIGN, METHODS, AND DATA LIMITATIONS ARE DESCRIBED IN:
LANDERS, D.H., ET AL. 1987. CHARACTERISTICS OF LAKES IN THE WESTERN UNITED STATES. VOL. I. POPULATION DESCRIPTIONS AND PHYSICO-CHEMICAL RELATIONSHIPS. EPA/600/4-86/054A. U.S. ENVIRON. PROT. AGENCY, WASHINGTON, D.C. 176 PP.
THE DATA PRESENTED HERE ARE THOSE REPORTED IN LANDERS ET AL. (1987) WITH THE FOLLOWING EXCEPTIONS: (1) UNITS FOR CHEMICAL PARAMETERS ARE TYPICALLY IN MG/L RATHER THAN MICROEQ/L; (2) NO SUBSTITUTED VALUES ARE PROVIDED FOR SUSPECT DATA; (3) TAGS AND FLAGS USED TO IDENTIFY SUSPICIOUS DATA ARE NOT SHOWN; AND (4) CALCULATED OR DERIVED VARIABLES ARE EXCLUDED.

Parameter Inventory for Station: ROMO0005

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/06/85-10/06/85	1	4.3	4.3	4.3	4.3	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/06/85-10/06/85	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	10/06/85-10/06/85	1	35.	35.	35.	35.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/06/85-10/06/85	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00154	SULFATE (AS S) WHOLE WATER, MG/L	10/06/85-10/06/85	1	1.819	1.819	1.819	1.819	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	10/06/85-10/06/85	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/06/85-10/06/85	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/06/85-10/06/85	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	10/06/85-10/06/85	1	113.2	113.2	113.2	113.2	0.	0.	**	**	**	**
00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	10/06/85-10/06/85	1	31.2	31.2	31.2	31.2	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/06/85-10/06/85	1	11.3	11.3	11.3	11.3	0.	0.	**	**	**	**
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	10/06/85-10/06/85	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00910	CALCIUM (MG/L AS CACO3)	10/06/85-10/06/85	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/06/85-10/06/85	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/06/85-10/06/85	1	1.38	1.38	1.38	1.38	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/06/85-10/06/85	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/06/85-10/06/85	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/06/85-10/06/85	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/06/85-10/06/85	1	2.1	2.1	2.1	2.1	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/06/85-10/06/85	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	10/06/85-10/06/85	1	22.	22.	22.	22.	0.	0.	**	**	**	**
70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	10/06/85-10/06/85	1	0.018	0.018	0.018	0.018	0.	0.	**	**	**	**

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

Parameter Inventory for Station: ROMO0005

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/06/85-10/06/85	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
71885	IRON (UG/L AS FE)	10/06/85-10/06/85	1	54.	54.	54.	54.	0.	0.	**	**	**	**
72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	10/06/85-10/06/85	1	9385.72	9385.72	9385.72	9385.72	0.	0.	**	**	**	**
82047	DEPTH TO THE TOP OF THE SAMPLING INTERVAL (METERS)	10/06/85-10/06/85	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/06/85-10/06/85	1	5.5	5.5	5.5	5.5	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0005

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00154	SULFATE (AS S) WHOLE WATER	Drinking Water	250.	1	0	0.00	1	0	0.00									
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: ROMO0006

NPS Station ID: ROMO0006 LAT/LON: 40.129726/-105.775559 Agency: 112WRD Date Created: 08/15/81
Location: ARAPAHO CREEK BELOW MONARCH LAKE, CO. FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 09017000
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 14010001 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 14010001038 RF1 Mile Point: 0.780 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 14010001004100.00 RF3 Mile Point: 0.65 Distance from RF3: 0.01 On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/14/55-11/11/56	4	1.25	3.375	10.5	0.5	22.729	4.768	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/21/91-09/22/92	4	7.5	9.125	21.	0.5	87.063	9.331	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	05/21/91-05/21/91	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	05/21/91-09/22/92	5 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0006

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01077	SILVER, TOTAL	Fresh Acute	4.1	5	0	0.00	3	0	0.00				2	0	0.00			
		Drinking Water	100.	5	0	0.00	3	0	0.00				2	0	0.00			

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

Station Inventory for Station: ROMO0007

NPS Station ID: ROMO0007
LAT/LON: 40.130837/-105.766949
Agency: 112WRD
Date Created: 08/15/81
Location: ROARING FORK ABOVE LAKE GRANBY, CO.
FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 09016000
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14010001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14010001038
RF1 Mile Point: 0.430
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 14010001025300.00
RF3 Mile Point: 0.00
Distance from RF3: 0.09
On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0007

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/14/55-11/07/55	2	2.75	2.75	5.5	0.	15.125	3.889	**	**	**	**

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

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

Station Inventory for Station: ROMO0008

NPS Station ID: ROMO0008 | LAT/LON: 40.131392/-105.766393 | Agency: 11NPSWRD | Date Created: 06/18/99
Location: 105398/C04067 | FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): ROMO_NURE_147 /1073813 /1118291
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 14010001 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: UPPER COLORADO RIVER | ECO Region:
RF1 Index: 14010001 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE "SHADOW MOUNTAIN COLORADO" 7.5 MINUTE SERIES QUADRANGLE. THE SITE IS AT A STREAM OUTSIDE OF ROCKY MOUNTAIN NATIONAL PARK. EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO ONE WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATA BASE: "NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SOIL; STREAM SEDIMENT; SURFACE WATER; AND GROUND WATER DATA. "UNIQID" FIELD ENTRIES WERE USED TO CREATE THE SECONDARY STATION NAMES. THE "LASLID" FIELD ENTRIES (LAB SAMPLE NUMBERS) WERE USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LAB. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND KELLI O'CONNOR; NATIONAL PARK SERVICE WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0008

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/21/76-09/21/76	1	6.2	6.2	6.2	6.2	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/21/76-09/21/76	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/21/76-09/21/76	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/21/76-09/21/76	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/21/76-09/21/76	1	0.251	0.251	0.251	0.251	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/21/76-09/21/76	1	0.96	0.96	0.96	0.96	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0008

Parameter				Total	Exceed	Prop.	6/10-10/31			11/01-4/10			4/11-6/09			n/a		
		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: ROMO0009

NPS Station ID: ROMO0009 LAT/LON: 40.133337/-105.516670 Agency: 1117S030 Date Created: / /
Location: FIPS State/County: 08000 COLORADO/
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 070593
RMI-Indexes: 1021500 009490 07090 1070 1580 0630 0160 Within Park Boundary: No
RMI-Miles: 1149.40 0595.20 309.00 270.00 034.50 010.00 08.50
HUC: 10190005 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI RIVER Elevation: 0 Water Body Id:
Minor Basin: SOUTH PLATTE RIVER ECO Region:
RF1 Index: 10190005009 RF1 Mile Point: 8.140 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 10190005000900.00 RF3 Mile Point: 0.48 Distance from RF3: 0.01 On/Off RF3:
Description:
LOCATION: MIDDLE SAINT VRAIN CREEK 0.5 MILE ABOVE PEACEFUL VALLEY.

Parameter Inventory for Station: ROMO0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/07/66-10/21/66	2	4.25	4.25	7.5	1.	21.125	4.596	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	10/21/66-10/21/66	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	09/07/66-11/08/66	3	0.7	0.7	0.8	0.6	0.01	0.1	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/07/66-11/08/66	3	40.	37.	43.	28.	63.	7.937	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/07/66-11/08/66	3	1.3	1.233	1.3	1.1	0.013	0.115	**	**	**	**
00400	PH (STANDARD UNITS)	09/07/66-11/08/66	3	7.4	7.133	7.4	6.6	0.213	0.462	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/07/66-11/08/66	3	7.4	6.958	7.4	6.6	0.26	0.51	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/07/66-11/08/66	3	0.04	0.11	0.251	0.04	0.015	0.122	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	10/21/66-11/08/66	2	15.5	15.5	16.	15.	0.5	0.707	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/07/66-11/08/66	3	31.	30.	37.	22.	57.	7.55	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/21/66-11/08/66	2	4.	4.	6.	2.	8.	2.828	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	09/07/66-09/07/66	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	09/07/66-10/21/66	2	0.16	0.16	0.19	0.13	0.002	0.042	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/07/66-10/21/66	2	0.055	0.055	0.06	0.05	0.	0.007	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/07/66-10/21/66	2	0.125	0.125	0.19	0.06	0.008	0.092	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	09/07/66-09/07/66	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	09/07/66-09/07/66	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/21/66-11/08/66	2	18.	18.	20.	16.	8.	2.828	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/21/66-11/08/66	2 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/21/66-11/08/66	2 ##	7.5	7.5	10.	5.	12.5	3.536	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	10/21/66-11/08/66	2 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	09/07/66-11/08/66	3	120.	115.	200.	25.	7675.	87.607	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	09/07/66-11/08/66	3 ##	25.	33.333	50.	25.	208.333	14.434	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	10/21/66-11/08/66	2 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	10/21/66-11/08/66	2 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	09/07/66-11/08/66	3	440.	460.	930.	10.	211900.	460.326	**	**	**	**
01503	ALPHA, DISSOLVED	10/21/66-11/08/66	2	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
09503	RADIUM 226, DISSOLVED	10/21/66-10/21/66	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/07/66-11/08/66	3	12.	12.667	20.	6.	49.333	7.024	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/07/66-11/08/66	3	1.079	1.053	1.301	0.778	0.069	0.262	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			11.292								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/07/66-11/08/66	3	49.	77.667	170.	14.	6700.333	81.856	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/07/66-11/08/66	3	1.69	1.689	2.23	1.146	0.294	0.542	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			48.857								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/07/66-11/08/66	3	4.	3.667	5.	2.	2.333	1.528	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/07/66-11/08/66	3	0.602	0.534	0.699	0.301	0.043	0.208	**	**	**	**

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

Parameter Inventory for Station: ROMO0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.42								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/07/66-11/08/66	3	1.	1.417	3.	0.25	2.021	1.422	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/07/66-11/08/66	3	0.	-0.042	0.477	-0.602	0.292	0.541	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			0.909								
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	09/07/66-09/07/66	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0009

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	3	0	0.00	2	0	0.00	1	0	0.00						
		Other-Lo Lim.	6.5	3	0	0.00	2	0	0.00	1	0	0.00						
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00	2	0	0.00									
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	2	0	0.00	1	0	0.00	1	0	0.00						
		Drinking Water	50.	0 &	0	0.00												
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	0 &	0	0.00												
		Drinking Water	5.	0 &	0	0.00												
01040	COPPER, DISSOLVED	Fresh Acute	18.	2	0	0.00	1	0	0.00	1	0	0.00						
		Drinking Water	1300.	2	0	0.00	1	0	0.00	1	0	0.00						
01049	LEAD, DISSOLVED	Fresh Acute	82.	3	0	0.00	2	0	0.00	1	0	0.00						
		Drinking Water	15.	0 &	0	0.00												
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	2	0	0.00	1	0	0.00	1	0	0.00						
		Drinking Water	100.	2	0	0.00	1	0	0.00	1	0	0.00						
01090	ZINC, DISSOLVED	Fresh Acute	120.	3	2	0.67	2	2	1.00	1	0	0.00						
		Drinking Water	5000.	3	0	0.00	2	0	0.00	1	0	0.00						
09503	RADIUM 226, DISSOLVED	Drinking Water	5.	1	0	0.00	1	0	0.00									
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	3	0	0.00	2	0	0.00	1	0	0.00						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	3	0	0.00	2	0	0.00	1	0	0.00						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	3	0	0.00	2	0	0.00	1	0	0.00						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	3	0	0.00	2	0	0.00	1	0	0.00						

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

Station Inventory for Station: ROMO0010

NPS Station ID: ROMO0010 | LAT/LON: 40.135003/-105.563310 | Agency: 11NPSWRD | Date Created: 06/18/99
Location: 105091/C04003 | FIPS State/County: 08013 COLORADO/BOULDER
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): ROMO_NURE_172 /1073754 /1118232
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 10190005 | Depth of Water: 0 | Aquifer:
Major Basin: MISSOURI RIVER | Elevation: 0 | Water Body Id:
Minor Basin: SOUTH PLATTE RIVER | ECO Region:
RF1 Index: 10190005 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE "ALLENS PARK COLORADO" 7.5 MINUTE SERIES QUADRANGLE. THE SITE IS AT A STREAM OUTSIDE OF ROCKY MOUNTAIN NATIONAL PARK. EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO ONE WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATA BASE: "NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SOIL; STREAM SEDIMENT; SURFACE WATER; AND GROUND WATER DATA. "UNIQID" FIELD ENTRIES WERE USED TO CREATE THE SECONDARY STATION NAMES. THE "LASLID" FIELD ENTRIES (LAB SAMPLE NUMBERS) WERE USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LAB. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND KELLI O'CONNOR; NATIONAL PARK SERVICE WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0010

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/16/76-09/16/76	1	9.2	9.2	9.2	9.2	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/16/76-09/16/76	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/16/76-09/16/76	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/16/76-09/16/76	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/16/76-09/16/76	1	0.158	0.158	0.158	0.158	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/16/76-09/16/76	1	1.74	1.74	1.74	1.74	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0010

Parameter				Total	Exceed	Prop.	6/10-10/31			11/01-4/10			4/11-6/09			n/a		
		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: ROMO0011

NPS Station ID: ROMO0011 LAT/LON: 40.136116/-105.830559 Agency: 21COLSS0 Date Created: 12/01/90
Location: LAKE GRANBY,NE OF GRANBY,ARAPAHOE BAY,NW INSP PT FIPS State/County: 08049 COLORADO/GRAND
Station Type: /RESERV/TYPA/AMBNT STORET Station ID(s): GRANBY04
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 14010001 Depth of Water: 78 Aquifer:
Major Basin: COLORADO RIVER Elevation: 2521 Water Body Id: COUCUC02L3 LAKE GRANBY
Minor Basin: UPPER COLORADO RIVER ECO Region:
RF1 Index: 14010001 RF1 Mile Point: 0.000 Distance from RF1: 6.60 On/Off RF1:
RF3 Index: 14010001017600.00 RF3 Mile Point: 0.00 Distance from RF3: 0.42 On/Off RF3:
Description:
STATION LOCATED IN MIDDLE OF ARAPAHOE BAY, NORTHWEST OF INSPIRATION POINT. T2N R75W, NE1/4 OF NE1/4 OF SEC18.

Parameter Inventory for Station: ROMO0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/13/90-09/13/90	24	41.	39.917	79.	3.	494.949	22.247	8.5	20.75	58.25	72.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/13/90-09/13/90	24	14.4	13.508	17.5	9.3	8.688	2.947	9.35	10.125	16.075	17.
00078	TRANSPARENCY, SECCHI DISC (METERS)	09/13/90-09/13/90	1	3.15	3.15	3.15	3.15	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/13/90-09/13/90	24	2.75	3.308	7.	0.09	6.934	2.633	0.1	0.7	6.	7.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/13/90-09/13/90	2 ##	0.058	0.058	0.065	0.05	0.	0.011	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/13/90-09/13/90	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/13/90-09/13/90	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/13/90-09/13/90	2	0.017	0.017	0.022	0.012	0.	0.007	**	**	**	**
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	09/13/90-09/13/90	2 ##	75.	75.	100.	50.	1250.	35.355	**	**	**	**
01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	09/13/90-09/13/90	2 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	09/13/90-09/13/90	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	09/13/90-09/13/90	2 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	09/13/90-09/13/90	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	09/13/90-09/13/90	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	09/13/90-09/13/90	2 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	09/13/90-09/13/90	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
46460	CHLOROPHYLL-A, SPECTRO,CORRECT FOR PHEOPHYTIN UG/L	09/13/90-09/13/90	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	09/13/90-09/13/90	2 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

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EPA Water Quality Criteria Analysis for Station: ROMO0011

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	24	14	0.58	24	14	0.58									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00	2	0	0.00									
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG	Fresh Acute	4.1	2	0	0.00	2	0	0.00									
		Drinking Water	100.	2	0	0.00	2	0	0.00									
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Fresh Acute	120.	2	0	0.00	2	0	0.00									
		Drinking Water	5000.	2	0	0.00	2	0	0.00									
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Fresh Acute	3.9	2	0	0.00	2	0	0.00									
		Drinking Water	5.	2	0	0.00	2	0	0.00									

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EPA Water Quality Criteria Analysis for Station: ROMO0011

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Fresh Acute	82.	2	0	0.00	2	0	0.00									
		Drinking Water	15.	2	0	0.00	2	0	0.00									
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Fresh Acute	18.	2	0	0.00	2	0	0.00									
		Drinking Water	1300.	2	0	0.00	2	0	0.00									
01147	SELENIUM, TOTAL	Fresh Acute	20.	2	0	0.00	2	0	0.00									
		Drinking Water	50.	2	0	0.00	2	0	0.00									
71900	MERCURY, TOTAL	Fresh Acute	2.4	2	0	0.00	2	0	0.00									
		Drinking Water	2.	2	0	0.00	2	0	0.00									

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

Station Inventory for Station: ROMO0012

NPS Station ID: ROMO0012 | LAT/LON: 40.136392/-105.565003 | Agency: 11NPSWRD | Date Created: 06/18/99
Location: 105092/C04004 | FIPS State/County: 08013 COLORADO/BOULDER
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): ROMO_NURE_171 /1073755 /1118233
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 10190005 | Depth of Water: 0 | Aquifer:
Major Basin: MISSOURI RIVER | Elevation: 0 | Water Body Id:
Minor Basin: SOUTH PLATTE RIVER | ECO Region:
RF1 Index: 10190005 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE "ALLENS PARK COLORADO" 7.5 MINUTE SERIES QUADRANGLE. THE SITE IS AT A STREAM OUTSIDE OF ROCKY MOUNTAIN NATIONAL PARK. EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO ONE WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATA BASE: "NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SOIL; STREAM SEDIMENT; SURFACE WATER; AND GROUND WATER DATA. "UNIQID" FIELD ENTRIES WERE USED TO CREATE THE SECONDARY STATION NAMES. THE "LASLID" FIELD ENTRIES (LAB SAMPLE NUMBERS) WERE USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LAB. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND KELLI O'CONNOR; NATIONAL PARK SERVICE WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/16/76-09/16/76	1	11.2	11.2	11.2	11.2	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/16/76-09/16/76	1	29.	29.	29.	29.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/16/76-09/16/76	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/16/76-09/16/76	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/16/76-09/16/76	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/16/76-09/16/76	1	1.14	1.14	1.14	1.14	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0012

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: ROMO0013

NPS Station ID: ROMO0013 | LAT/LON: 40.139202/-105.804345 | Agency: 1118EPA8 | Date Created: 08/31/76
Location: GRANBY LK.300 YDS N. TWIN CR. | FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): GRANBY LK L-12
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 14010001 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: UPPER COLORADO R. | ECO Region:
RF1 Index: 14010001 | RF1 Mile Point: 0.000 | Distance from RF1: 0.60 | On/Off RF1:
RF3 Index: 14010001004201.95 | RF3 Mile Point: 3.44 | Distance from RF3: 0.10 | On/Off RF3:
Description:
DATA EXTRACTED FROM WATER QUALITY CONDITIONS IN SHADOW MTN,GRAND LAKE, GRANBY LAKE REPORT PACIFIC SOUTHWEST REGION-EPA DEC.1970
LATITUDE AND LONGITUDE COORDINATES FOR THIS STATION WERE CORRECTED BY THE NATIONAL PARK SERVICE WATER RESOURCES DIVISION FOR INCLUSION IN THIS BASELINE WATER QUALITY DATA INVENTORY AND ANALYSIS REPORT. THE AGENCY RESPONSIBLE FOR THE STATION WAS INFORMED OF THE NEED TO ALSO MAKE THE CORRECTIONS IN STORET.

Parameter Inventory for Station: ROMO0013

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/29/69-09/06/69	6	17.5	21.167	50.	0.	428.167	20.692	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/29/69-09/06/69	6	17.7	15.767	18.2	11.	11.059	3.325	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	09/06/69-09/06/69	1	174.	174.	174.	174.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/29/69-08/29/69	2	57.5	57.5	60.	55.	12.5	3.536	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/29/69-09/06/69	6	6.7	5.8	7.2	3.	2.88	1.697	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	09/06/69-09/06/69	4	94.5	80.5	97.	36.	883.	29.715	**	**	**	**
00400	PH (STANDARD UNITS)	08/29/69-08/29/69	2	7.65	7.65	8.5	6.8	1.445	1.202	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/29/69-08/29/69	2	7.092	7.092	8.5	6.8	2.067	1.438	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/29/69-08/29/69	2	0.081	0.081	0.158	0.003	0.012	0.11	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	08/29/69-08/29/69	2	0.165	0.165	0.17	0.16	0.	0.007	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/29/69-08/29/69	2	0.025	0.025	0.03	0.02	0.	0.007	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/29/69-08/29/69	2 ##	0.053	0.053	0.08	0.025	0.002	0.039	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/29/69-08/29/69	2	0.19	0.19	0.2	0.18	0.	0.014	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/29/69-08/29/69	2	0.085	0.085	0.1	0.07	0.	0.021	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/29/69-08/29/69	2	0.106	0.106	0.107	0.104	0.	0.002	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0013

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	6	1	0.17	6	1	0.17									
00400	PH	Fresh Chronic	9.	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	0	0.00	2	0	0.00									
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00	2	0	0.00									

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

Station Inventory for Station: ROMO0014

NPS Station ID: ROMO0014 | LAT/LON: 40.140809/-105.595003 | Agency: 11NPSWRD | Date Created: 06/18/99
Location: 105090/C04002 | FIPS State/County: 08013 COLORADO/BOULDER
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): ROMO_NURE_165 /1073753 /1118231
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 10190005 | Depth of Water: 0 | Aquifer:
Major Basin: MISSOURI RIVER | Elevation: 0 | Water Body Id:
Minor Basin: SOUTH PLATTE RIVER | ECO Region:
RF1 Index: 10190005 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE "ALLENS PARK COLORADO" 7.5 MINUTE SERIES QUADRANGLE. THE SITE IS AT A STREAM OUTSIDE OF ROCKY MOUNTAIN NATIONAL PARK. EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO ONE WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATA BASE: "NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SOIL; STREAM SEDIMENT; SURFACE WATER; AND GROUND WATER DATA. "UNIQID" FIELD ENTRIES WERE USED TO CREATE THE SECONDARY STATION NAMES. THE "LASLID" FIELD ENTRIES (LAB SAMPLE NUMBERS) WERE USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LAB. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND KELLI O'CONNOR; NATIONAL PARK SERVICE WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/16/76-09/16/76	1	9.5	9.5	9.5	9.5	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/16/76-09/16/76	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/16/76-09/16/76	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/16/76-09/16/76	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/16/76-09/16/76	1	0.158	0.158	0.158	0.158	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/16/76-09/16/76	1	0.99	0.99	0.99	0.99	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0014

Parameter				Total	Exceed	Prop.	6/10-10/31			11/01-4/10			4/11-6/09			n/a		
		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: ROMO0015

NPS Station ID: ROMO0015 | LAT/LON: 40.143059/-105.609726 | Agency: 12WLS1 | Date Created: 09/03/88
Location: RED DEER LAKE | FIPS State/County: 08013 COLORADO/BOULDER
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): 4E1-059
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 10190005 | Depth of Water: 55 | Aquifer:
Major Basin: | Elevation: 0 | Water Body Id:
Minor Basin: | ECO Region:
RF1 Index: 10190005 | RF1 Mile Point: 0.000 | Distance from RF1: 4.00 | On/Off RF1:
RF3 Index: 10190005061502.43 | RF3 Mile Point: 2.59 | Distance from RF3: 0.03 | On/Off RF3:
Description:
THIS DATA WAS COLLECTED DURING THE WESTERN LAKE SURVEY-PHASE I (WLS-I) AS PART OF EPA'S NATIONAL SURFACE WATER SURVEY, AQUATIC EFFECTS RESEARCH PROGRAM. THE SURVEY DESIGN, METHODS, AND DATA LIMITATIONS ARE DESCRIBED IN:
LANDERS, D.H., ET AL. 1987. CHARACTERISTICS OF LAKES IN THE WESTERN UNITED STATES. VOL. I. POPULATION DESCRIPTIONS AND PHYSICO-CHEMICAL RELATIONSHIPS. EPA/600/4-86/054A. U.S. ENVIRON. PROT. AGENCY, WASHINGTON, D.C. 176 PP.
THE DATA PRESENTED HERE ARE THOSE REPORTED IN LANDERS ET AL. (1987) WITH THE FOLLOWING EXCEPTIONS: (1) UNITS FOR CHEMICAL PARAMETERS ARE TYPICALLY IN MG/L RATHER THAN MICROEQ/L; (2) NO SUBSTITUTED VALUES ARE PROVIDED FOR SUSPECT DATA; (3) TAGS AND FLAGS USED TO IDENTIFY SUSPICIOUS DATA ARE NOT SHOWN; AND (4) CALCULATED OR DERIVED VARIABLES ARE EXCLUDED.

Parameter Inventory for Station: ROMO0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/15/85-09/15/85	1	10.3	10.3	10.3	10.3	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	09/15/85-09/15/85	1	3.45	3.45	3.45	3.45	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	09/15/85-09/15/85	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/15/85-09/15/85	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00154	SULFATE (AS S) WHOLE WATER, MG/L	09/15/85-09/15/85	1	1.45	1.45	1.45	1.45	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	09/15/85-09/15/85	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/15/85-09/15/85	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/15/85-09/15/85	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	09/15/85-09/15/85	1	79.5	79.5	79.5	79.5	0.	0.	**	**	**	**
00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	09/15/85-09/15/85	1	9.3	9.3	9.3	9.3	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/15/85-09/15/85	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	09/15/85-09/15/85	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00910	CALCIUM (MG/L AS CACO3)	09/15/85-09/15/85	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/15/85-09/15/85	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/15/85-09/15/85	1	0.31	0.31	0.31	0.31	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/15/85-09/15/85	1	0.12	0.12	0.12	0.12	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/15/85-09/15/85	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/15/85-09/15/85	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/15/85-09/15/85	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/15/85-09/15/85	1	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	09/15/85-09/15/85	1	16.	16.	16.	16.	0.	0.	**	**	**	**
70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	09/15/85-09/15/85	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**

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

Parameter Inventory for Station: ROMO0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/15/85-09/15/85	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
71885	IRON (UG/L AS FE)	09/15/85-09/15/85	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	09/15/85-09/15/85	1	10378.4	10378.4	10378.4	10378.4	0.	0.	**	**	**	**
82047	DEPTH TO THE TOP OF THE SAMPLING INTERVAL (METERS)	09/15/85-09/15/85	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	09/15/85-09/15/85	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0015

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00154	SULFATE (AS S) WHOLE WATER	Drinking Water	250.	1	0	0.00	1	0	0.00									
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: ROMO0016

NPS Station ID: ROMO0016
LAT/LON: 40.144170/-105.866671
Agency: 1110NET
Date Created: / /
Location: COLORADO R BELOW LAKE GRANBY
FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 09019000
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14010001
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER BASIN
Elevation: 0
Water Body Id:
Minor Basin: UPPER MAIN STEM
ECO Region:
RF1 Index: 14010001035
RF1 Mile Point: 3.740
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 14010001032200.00
RF3 Mile Point: 1.46
Distance from RF3: 0.00
On/Off RF3:
Description:
GRAND COUNTY, ON LEFT BANK, LOOKING UPSTREAM, 0.3 MILE DOWNSTREAM FROM GRANBY DAM, 1 MILE UPSTREAM FROM WALDEN HOLLOW, AND 5 MILES NORTHEAST OF GRANBY. COOPERATIVE EPA-USGS WATER QUALITY STATION ENTERED AS A EPA NET STATION
FOR PURPOSE OF RECORDING: (1)DATA SAMPLED BY USGS BUT ANALYZED BY EPA LABORATORIES AND (2)THE FOLLOWING USGS FIELD DATA; FLOW, WATER TEMPERATURE, DO, PH, TOTAL COLIFORM AND FECAL COLIFORM.

Parameter Inventory for Station: ROMO0016

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/09/71-12/09/71	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	12/09/71-12/09/71	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	12/09/71-12/09/71	1	10.4	10.4	10.4	10.4	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	12/09/71-12/09/71	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/09/71-12/09/71	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/09/71-12/09/71	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/20/71-12/09/71	2	0.011	0.011	0.015	0.006	0.	0.006	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/20/71-03/09/72	3 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/20/71-09/20/73	8	0.16	0.158	0.25	0.1	0.002	0.046	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/20/71-09/20/73	9	0.035	0.051	0.1	0.018	0.001	0.033	0.018	0.026	0.091	0.1
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/20/71-09/20/73	9	0.015	0.018	0.045	0.005	0.	0.012	0.005	0.01	0.023	0.045
01025	CADMIUM, DISSOLVED (UG/L AS CD)	06/20/72-09/20/73	6 ##	2.5	2.917	5.	2.5	1.042	1.021	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	06/20/72-09/20/73	6 ##	3.75	4.583	10.	2.5	8.542	2.923	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	06/20/72-09/20/73	6 ##	3.75	3.75	5.	2.5	1.875	1.369	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	06/20/72-09/20/73	6	137.	120.667	155.	30.	2166.667	46.547	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	06/20/72-09/20/73	6	11.	12.	20.	5.	46.	6.782	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	06/20/72-09/20/73	6	10.	12.167	20.	8.	20.167	4.491	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	06/20/72-09/20/73	6	13.	12.417	20.	2.5	61.042	7.813	**	**	**	**
09503	RADIUM 226, DISSOLVED	09/20/71-09/20/71	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/20/71-09/20/71	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0016

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00				1	0	0.00						
00400	PH	Fresh Chronic	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	3	0	0.00	1	0	0.00	2	0	0.00						
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	8	0	0.00	5	0	0.00	3	0	0.00						
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	5 &	0	0.00	3	0	0.00	2	0	0.00						
		Drinking Water	5.	5 &	0	0.00	3	0	0.00	2	0	0.00						
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	6	0	0.00	4	0	0.00	2	0	0.00						
01040	COPPER, DISSOLVED	Fresh Acute	18.	6	0	0.00	4	0	0.00	2	0	0.00						
		Drinking Water	1300.	6	0	0.00	4	0	0.00	2	0	0.00						
01049	LEAD, DISSOLVED	Fresh Acute	82.	6	0	0.00	4	0	0.00	2	0	0.00						
		Drinking Water	15.	6	2	0.33	4	1	0.25	2	1	0.50						
01090	ZINC, DISSOLVED	Fresh Acute	120.	6	0	0.00	4	0	0.00	2	0	0.00						
		Drinking Water	5000.	6	0	0.00	4	0	0.00	2	0	0.00						
09503	RADIUM 226, DISSOLVED	Drinking Water	5.	1	0	0.00	1	0	0.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: ROMO0017

NPS Station ID: ROMO0017 LAT/LON: 40.144170/-105.866671 Agency: 112WRD Date Created: / /
Location: COLORADO RIVER BELOW LAKE GRANBY, CO. FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 09019000
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 14010001 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 14010001035 RF1 Mile Point: 3.740 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 14010001002804.52 RF3 Mile Point: 4.71 Distance from RF3: 0.02 On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0017

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/12/56-08/17/82	121	6.5	6.479	17.	0.	10.922	3.305	3.	4.	8.5	10.9
00060	FLOW, STREAM, MEAN DAILY CFS	07/09/69-09/20/73	26	20.5	46.731	433.	10.	6676.925	81.712	17.1	19.75	33.25	83.4
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/09/69-08/17/82	75	60.	61.307	80.	25.	60.756	7.795	55.	58.	65.	71.2
00300	OXYGEN, DISSOLVED MG/L	08/03/72-08/09/73	9	9.4	9.133	10.	8.2	0.435	0.66	8.2	8.5	9.7	10.
00400	PH (STANDARD UNITS)	07/09/69-09/20/73	27	7.2	7.059	8.	6.1	0.317	0.563	6.2	6.7	7.5	7.76
00400	CONVERTED PH (STANDARD UNITS)	07/09/69-09/20/73	27	7.2	6.732	8.	6.1	0.429	0.655	6.2	6.7	7.5	7.76
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/09/69-09/20/73	27	0.063	0.185	0.794	0.01	0.052	0.228	0.018	0.032	0.2	0.631
00405	CARBON DIOXIDE (MG/L AS CO2)	09/20/73-09/20/73	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/09/69-09/20/73	18	26.	25.944	29.	21.	3.114	1.765	23.7	25.	27.	29.
00440	BICARBONATE ION (MG/L AS HCO3)	07/09/69-09/20/73	18	32.	31.722	35.	26.	4.33	2.081	28.7	30.75	33.	35.
00445	CARBONATE ION (MG/L AS CO3)	07/09/69-09/20/73	18	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/26/70-09/20/73	3	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/26/70-09/20/73	3	0.03	0.02	0.03	0.	0.	0.017	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/26/70-09/20/73	3	0.01	0.007	0.01	0.	0.	0.006	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/09/69-09/20/73	18	26.	25.333	29.	21.	5.529	2.351	21.9	23.	27.25	28.1
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/09/69-09/20/73	18	0.	0.5	2.	0.	0.618	0.786	0.	0.	1.	2.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/09/69-09/20/73	18	7.6	7.456	8.8	6.4	0.526	0.725	6.4	6.65	8.	8.44
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/09/69-09/20/73	18	1.65	1.628	2.9	0.8	0.315	0.561	0.89	1.175	1.9	2.45
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/09/69-09/20/73	18	2.5	2.65	5.6	2.2	0.564	0.751	2.2	2.4	2.625	2.99
00931	SODIUM ADSORPTION RATIO	07/09/69-09/20/73	18	0.2	0.217	0.5	0.2	0.005	0.071	0.2	0.2	0.2	0.23
00932	SODIUM, PERCENT	07/09/69-09/20/73	18	17.	18.	34.	15.	17.765	4.215	15.9	16.	18.	21.4
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/09/69-09/20/73	18	0.9	0.894	1.1	0.7	0.016	0.126	0.7	0.8	1.	1.1
00940	CHLORIDE,TOTAL IN WATER MG/L	07/09/69-09/20/73	18	1.	1.617	5.	0.2	1.165	1.079	0.83	1.	2.	3.2
00945	SULFATE, TOTAL (MG/L AS SO4)	07/09/69-09/20/73	18	4.	4.	7.	1.	2.118	1.455	1.9	3.	4.25	7.
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/26/70-09/20/73	3	6.5	6.5	7.	6.	0.25	0.5	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	10/26/70-10/26/70	1	50.	50.	50.	50.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/03/72-08/09/73	9	1.	4.889	21.	0.	65.861	8.115	0.	0.	10.	21.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/03/72-08/09/73	9	0.	0.337	1.322	0.	0.309	0.556	0.	0.	0.854	1.322
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.171								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/03/72-08/09/73	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/03/72-08/09/73	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/09/69-10/26/70	16	45.	45.563	64.	30.	51.196	7.155	37.	41.25	49.75	54.2
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/09/69-09/20/73	18	34.	34.778	41.	30.	11.124	3.335	30.	32.	38.	40.1
70302	SOLIDS, DISSOLVED-TONS PER DAY	07/09/69-09/20/73	17	2.27	4.018	10.9	1.09	9.428	3.07	1.514	2.065	4.45	9.876
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	07/09/69-09/20/73	18	0.06	0.062	0.09	0.04	0.	0.011	0.049	0.058	0.07	0.072

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

EPA Water Quality Criteria Analysis for Station: ROMO0017

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	9	0	0.00	4	0	0.00	3	0	0.00	2	0	0.00			
00400	PH	Fresh Chronic	9.	27	0	0.00	15	0	0.00	9	0	0.00	3	0	0.00			
		Other-Lo Lim.	6.5	27	6	0.22	15	5	0.33	9	0	0.00	3	1	0.33			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	3	0	0.00	3	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	18	0	0.00	11	0	0.00	6	0	0.00	1	0	0.00			
		Drinking Water	250.	18	0	0.00	11	0	0.00	6	0	0.00	1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	18	0	0.00	11	0	0.00	6	0	0.00	1	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	9	0	0.00	4	0	0.00	3	0	0.00	2	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	9	0	0.00	4	0	0.00	3	0	0.00	2	0	0.00			

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

Annual Analysis for 1956 - Station ROMO0017

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/12/56-08/17/82	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**

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

Annual Analysis for 1968 - Station ROMO0017

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/12/56-08/17/82	3	7.	6.333	10.	2.	16.333	4.041	**	**	**	**

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

Annual Analysis for 1969 - Station ROMO0017

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/12/56-08/17/82	10	8.	6.6	9.	0.	9.6	3.098	0.3	4.5	9.	9.

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

Annual Analysis for 1970 - Station ROMO0017

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/12/56-08/17/82	17	4.	5.088	9.	2.	5.445	2.333	2.	3.25	7.25	8.2

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

Annual Analysis for 1971 - Station ROMO0017

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/12/56-08/17/82	12	6.5	7.25	17.	0.	23.659	4.864	0.9	4.	9.	16.4

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

Annual Analysis for 1972 - Station ROMO0017

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/12/56-08/17/82	11	5.	5.273	7.	3.	2.218	1.489	3.1	4.	7.	7.

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

Annual Analysis for 1973 - Station ROMO0017

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/12/56-08/17/82	14	6.25	6.5	13.	2.	12.731	3.568	2.5	3.5	8.25	12.5

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

Annual Analysis for 1974 - Station ROMO0017

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/12/56-08/17/82	5	6.	5.7	9.	3.	6.2	2.49	**	**	**	**

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

Annual Analysis for 1976 - Station ROMO0017

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/12/56-08/17/82	1	8.5	8.5	8.5	8.5	0.	0.	**	**	**	**

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

Annual Analysis for 1977 - Station ROMO0017

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/12/56-08/17/82	6	5.5	7.333	16.	1.5	29.767	5.456	**	**	**	**

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

Annual Analysis for 1978 - Station ROMO0017

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/12/56-08/17/82	6	10.75	8.75	12.5	3.	18.875	4.345	**	**	**	**

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

Annual Analysis for 1979 - Station ROMO0017

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/12/56-08/17/82	8	8.	7.5	11.	3.	7.357	2.712	**	**	**	**

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

Annual Analysis for 1980 - Station ROMO0017

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/12/56-08/17/82	10	6.25	6.95	16.	3.	14.081	3.752	3.1	4.375	8.25	15.3

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

Annual Analysis for 1981 - Station ROMO0017

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/12/56-08/17/82	10	6.5	6.25	9.	4.	3.736	1.933	4.	4.	8.125	8.95

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

Annual Analysis for 1982 - Station ROMO0017

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/12/56-08/17/82	7	5.	6.357	10.5	3.	11.143	3.338	**	**	**	**

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

Seasonal Analysis for Season #1: 6/10 to 10/31 - Station ROMO0017

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/12/56-08/17/82	53	9.	9.283	17.	6.	6.659	2.58	7.	7.	10.25	12.8
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/09/69-08/17/82	35	60.	61.571	76.	50.	36.076	6.006	54.6	58.	65.	71.2

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

Seasonal Analysis for Season #2: 11/01 to 4/10 - Station ROMO0017

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/12/56-08/17/82	46	4.	3.946	8.	0.	3.136	1.771	2.	3.	4.5	7.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/09/69-08/17/82	27	60.	59.852	80.	25.	108.208	10.402	52.2	56.	65.	75.

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

Seasonal Analysis for Season #3: 4/11 to 6/09 - Station ROMO0017

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/12/56-08/17/82	22	5.	5.023	10.	3.	3.083	1.756	3.	3.5	6.	7.7
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/09/69-08/17/82	13	63.	63.615	75.	56.	27.256	5.221	57.6	60.	67.5	73.

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

Station Inventory for Station: ROMO0018

NPS Station ID: ROMO0018 | LAT/LON: 40.147226/-105.666671 | Agency: 12WLS1 | Date Created: 09/03/88
Location: ISLAND LAKE | FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): 4E1-036
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 14010001 | Depth of Water: 36 | Aquifer:
Major Basin: | Elevation: 0 | Water Body Id:
Minor Basin: | ECO Region:
RF1 Index: 14010001 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 14010001111401.54 | RF3 Mile Point: 1.53 | Distance from RF3: 0.00 | On/Off RF3:
Description:
THIS DATA WAS COLLECTED DURING THE WESTERN LAKE SURVEY-PHASE I (WLS-I) AS PART OF EPA'S NATIONAL SURFACE WATER SURVEY, AQUATIC EFFECTS RESEARCH PROGRAM. THE SURVEY DESIGN, METHODS, AND DATA LIMITATIONS ARE DESCRIBED IN:
LANDERS, D.H., ET AL. 1987. CHARACTERISTICS OF LAKES IN THE WESTERN UNITED STATES. VOL. I. POPULATION DESCRIPTIONS AND PHYSICO-CHEMICAL RELATIONSHIPS. EPA/600/4-86/054A. U.S. ENVIRON. PROT. AGENCY, WASHINGTON, D.C. 176 PP.
THE DATA PRESENTED HERE ARE THOSE REPORTED IN LANDERS ET AL. (1987) WITH THE FOLLOWING EXCEPTIONS: (1) UNITS FOR CHEMICAL PARAMETERS ARE TYPICALLY IN MG/L RATHER THAN MICROEQ/L; (2) NO SUBSTITUTED VALUES ARE PROVIDED FOR SUSPECT DATA; (3) TAGS AND FLAGS USED TO IDENTIFY SUSPICIOUS DATA ARE NOT SHOWN; AND (4) CALCULATED OR DERIVED VARIABLES ARE EXCLUDED.

Parameter Inventory for Station: ROMO0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/12/85-09/12/85	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	09/12/85-09/12/85	1	3.1	3.1	3.1	3.1	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	09/12/85-09/12/85	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/12/85-09/12/85	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00154	SULFATE (AS S) WHOLE WATER, MG/L	09/12/85-09/12/85	1	1.179	1.179	1.179	1.179	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	09/12/85-09/12/85	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/12/85-09/12/85	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/12/85-09/12/85	1	0.063	0.063	0.063	0.063	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	09/12/85-09/12/85	1	103.8	103.8	103.8	103.8	0.	0.	**	**	**	**
00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	09/12/85-09/12/85	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/12/85-09/12/85	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	09/12/85-09/12/85	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00910	CALCIUM (MG/L AS CACO3)	09/12/85-09/12/85	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/12/85-09/12/85	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/12/85-09/12/85	1	0.36	0.36	0.36	0.36	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/12/85-09/12/85	1	0.12	0.12	0.12	0.12	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/12/85-09/12/85	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/12/85-09/12/85	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/12/85-09/12/85	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/12/85-09/12/85	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	09/12/85-09/12/85	1	7.	7.	7.	7.	0.	0.	**	**	**	**
70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	09/12/85-09/12/85	1	0.065	0.065	0.065	0.065	0.	0.	**	**	**	**

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

Parameter Inventory for Station: ROMO0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/12/85-09/12/85	1	0.009	0.009	0.009	0.009	0.	0.	**	**	**	**
71885	IRON (UG/L AS FE)	09/12/85-09/12/85	1	2.	2.	2.	2.	0.	0.	**	**	**	**
72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	09/12/85-09/12/85	1	11427.	11427.	11427.	11427.	0.	0.	**	**	**	**
82047	DEPTH TO THE TOP OF THE SAMPLING INTERVAL (METERS)	09/12/85-09/12/85	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	09/12/85-09/12/85	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0018

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00154	SULFATE (AS S) WHOLE WATER	Drinking Water	250.	1	0	0.00	1	0	0.00									
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: ROMO0019

NPS Station ID: ROMO0019 LAT/LON: 40.154170/-105.859726 Agency: 21COLSS0 Date Created: 12/01/90
Location: LAKE GRANBY,NE OF GRANBY,SW OF HARVEY ISLAND FIPS State/County: 08049 COLORADO/GRAND
Station Type: /RESERV/TYPA/AMBNT STORET Station ID(s): GRANBY05
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 14010001 Depth of Water: 167 Aquifer:
Major Basin: COLORADO RIVER Elevation: 2521 Water Body Id: COUCUC02L3 LAKE GRANBY
Minor Basin: UPPER COLORADO RIVER ECO Region:
RF1 Index: 14010001 RF1 Mile Point: 0.000 Distance from RF1: 3.10 On/Off RF1:
RF3 Index: 14010001003600.00 RF3 Mile Point: 0.00 Distance from RF3: 0.24 On/Off RF3:
Description:
STATION LOCATED BETWEEN HARVEY ISLAND AND NORTH END OF GRANBY DAM, APPROXIMATELY HALF A MILE FROM DAM. T2N R76W, NW1/4 OF NW1/4 OF SEC12.

Parameter Inventory for Station: ROMO0019

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/13/90-09/13/90	20	49.	63.9	166.	0.	3056.621	55.287	3.4	14.75	110.75	162.4
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/13/90-09/13/90	20	11.85	12.67	17.2	8.7	12.964	3.601	8.8	9.125	16.55	17.1
00078	TRANSPARENCY, SECCHI DISC (METERS)	09/13/90-09/13/90	1	2.15	2.15	2.15	2.15	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/13/90-09/13/90	20	1.25	2.984	7.4	0.07	10.365	3.219	0.07	0.085	7.025	7.4

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

EPA Water Quality Criteria Analysis for Station: ROMO0019

				Total	Exceed	Prop.	----------6/10-10/31----------			----------11/01-4/10----------			----------4/11-6/09----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	20	13	0.65	20	13	0.65									

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

Station Inventory for Station: ROMO0020

NPS Station ID: ROMO0020 LAT/LON: 40.159726/-105.865282 Agency: 21COLSS0 Date Created: 12/01/90
Location: LAKE GRANBY, NE OF GRANBY, NE OF SUNSET POINT FIPS State/County: 08049 COLORADO/GRAND
Station Type: /RESERV/TYPA/AMBNT STORET Station ID(s): GRANBY01
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 14010001 Depth of Water: 134 Aquifer:
Major Basin: COLORADO RIVER Elevation: 2521 Water Body Id: COUCUC02L3 LAKE GRANBY
Minor Basin: UPPER COLORADO RIVER ECO Region:
RF1 Index: 14010001 RF1 Mile Point: 0.000 Distance from RF1: 2.20 On/Off RF1:
RF3 Index: 14010001003100.00 RF3 Mile Point: 0.00 Distance from RF3: 0.02 On/Off RF3:
Description:
STATION LOCATED NORTH EAST OF SUNSET POINT, HALF MILE OUT FROM GRANBY DAM. T2N R76W, NW1/4 OF SW1/4 OF SEC1.

Parameter Inventory for Station: ROMO0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/21/90-08/21/90	30	44.5	51.133	134.	3.	1242.464	35.249	10.3	25.25	73.75	113.3
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/21/90-08/21/90	30	11.85	12.923	18.5	8.7	12.339	3.513	8.91	9.375	17.025	17.29
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/21/90-08/21/90	2	2.7	2.7	2.7	2.7	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/21/90-08/21/90	30	2.3	3.563	7.8	0.5	7.741	2.782	0.83	1.2	7.325	7.6
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/21/90-08/21/90	4	## 0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/21/90-08/21/90	4	## 0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/21/90-08/21/90	4	## 0.025	0.051	0.13	0.025	0.003	0.053	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/21/90-08/21/90	4	0.023	0.021	0.031	0.005	0.	0.013	**	**	**	**
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	08/21/90-08/21/90	4	## 50.	70.	130.	50.	1600.	40.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/21/90-08/21/90	4	## 0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	08/21/90-08/21/90	4	## 2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	08/21/90-08/21/90	4	## 2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	08/21/90-08/21/90	3	## 0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	08/21/90-08/21/90	2	## 0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/21/90-08/21/90	4	## 5.	5.	5.	5.	0.	0.	**	**	**	**
01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	08/21/90-08/21/90	4	## 25.	76.25	230.	25.	10506.25	102.5	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	08/21/90-08/21/90	4	## 1.	1.	1.	1.	0.	0.	**	**	**	**
46460	CHLOROPHYLL-A, SPECTRO,CORRECT FOR PHEOPHYTIN UG/L	08/21/90-08/21/90	2	11.9	11.9	11.9	11.9	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	08/21/90-08/21/90	3	## 0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0020

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	30	19	0.63	30	19	0.63									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	4	0	0.00	4	0	0.00									
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	4	0	0.00	4	0	0.00									
		Drinking Water	5.	4	0	0.00	4	0	0.00									
01040	COPPER, DISSOLVED	Fresh Acute	18.	4	0	0.00	4	0	0.00									
		Drinking Water	1300.	4	0	0.00	4	0	0.00									
01049	LEAD, DISSOLVED	Fresh Acute	82.	4	0	0.00	4	0	0.00									
		Drinking Water	15.	4	0	0.00	4	0	0.00									

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

EPA Water Quality Criteria Analysis for Station: ROMO0020

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01075	SILVER, DISSOLVED	Fresh Acute	4.1	3	0	0.00	3	0	0.00									
		Drinking Water	100.	3	0	0.00	3	0	0.00									
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG	Fresh Acute	4.1	2	0	0.00	2	0	0.00									
		Drinking Water	100.	2	0	0.00	2	0	0.00									
01090	ZINC, DISSOLVED	Fresh Acute	120.	4	0	0.00	4	0	0.00									
		Drinking Water	5000.	4	0	0.00	4	0	0.00									
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	4	0	0.00	4	0	0.00									
		Drinking Water	50.	4	0	0.00	4	0	0.00									
71900	MERCURY, TOTAL	Fresh Acute	2.4	3	0	0.00	3	0	0.00									
		Drinking Water	2.	3	0	0.00	3	0	0.00									

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

Station Inventory for Station: ROMO0021

NPS Station ID: ROMO0021 | LAT/LON: 40.163616/-105.816893 | Agency: 11NPSWRD | Date Created: 06/18/99
Location: 106058/C04489 | FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): ROMO_NURE_160 /1074142 /1118620
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 14010001 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: UPPER COLORADO RIVER | ECO Region:
RF1 Index: 14010001 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE "SHADOW MOUNTAIN COLORADO" 7.5 MINUTE SERIES QUADRANGLE. THE SITE IS AT A STREAM OUTSIDE OF ROCKY MOUNTAIN NATIONAL PARK. EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO ONE WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATA BASE: "NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SOIL; STREAM SEDIMENT; SURFACE WATER; AND GROUND WATER DATA. "UNIQID" FIELD ENTRIES WERE USED TO CREATE THE SECONDARY STATION NAMES. THE "LASLID" FIELD ENTRIES (LAB SAMPLE NUMBERS) WERE USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LAB. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND KELLI O'CONNOR; NATIONAL PARK SERVICE WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/23/76-09/23/76	1	9.4	9.4	9.4	9.4	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/23/76-09/23/76	1	105.	105.	105.	105.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/23/76-09/23/76	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/23/76-09/23/76	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/23/76-09/23/76	1	0.158	0.158	0.158	0.158	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/23/76-09/23/76	1	0.16	0.16	0.16	0.16	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0021

Parameter				Total	Exceed	Prop.	6/10-10/31			11/01-4/10			4/11-6/09			n/a		
		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: ROMO0022

NPS Station ID: ROMO0022
LAT/LON: 40.163617/-105.864839
Agency: 1118EPA8
Date Created: 08/31/76
Location: GRANBY LK. AT CENTER
FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): GRANBY LK L-11
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14010001
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 0
Water Body Id:
Minor Basin: UPPER COLORADO R.
ECO Region:
RF1 Index: 14010001
RF1 Mile Point: 0.000
Distance from RF1: 0.60
On/Off RF1:
RF3 Index: 14010001004201.95
RF3 Mile Point: 3.44
Distance from RF3: 0.10
On/Off RF3:
Description:
DATA EXTRACTED FROM WATER QUALITY CONDITIONS IN SHADOW MTN,GRAND LAKE, GRANBY LAKE REPORT PACIFIC SOUTHWEST REGION-EPA DEC.1970
LATITUDE AND LONGITUDE COORDINATES FOR THIS STATION WERE CORRECTED BY THE NATIONAL PARK SERVICE WATER RESOURCES DIVISION FOR INCLUSION IN THIS BASELINE WATER QUALITY DATA INVENTORY AND ANALYSIS REPORT. THE AGENCY RESPONSIBLE FOR THE STATION WAS INFORMED OF THE NEED TO ALSO MAKE THE CORRECTIONS IN STORET.

Parameter Inventory for Station: ROMO0022

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/29/69-09/06/69	13	40.	45.385	110.	0.	1525.59	39.059	0.	6.	78.	106.8
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/29/69-09/06/69	13	14.4	13.915	19.4	8.3	18.151	4.26	8.3	9.45	17.85	18.84
00077	TRANSPARENCY, SECCHI DISC (INCHES)	09/06/69-09/06/69	1	150.	150.	150.	150.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/29/69-09/02/69	4	57.5	57.5	60.	55.	8.333	2.887	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/29/69-09/06/69	9	6.4	5.978	7.5	4.	2.014	1.419	4.	4.55	7.3	7.5
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	09/06/69-09/06/69	5	89.	79.8	102.	46.	611.2	24.722	**	**	**	**
00400	PH (STANDARD UNITS)	08/29/69-09/02/69	4	7.15	7.125	7.7	6.5	0.243	0.492	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/29/69-09/02/69	4	7.147	6.922	7.7	6.5	0.297	0.545	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/29/69-09/02/69	4	0.071	0.12	0.316	0.02	0.018	0.133	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	08/29/69-09/02/69	4	0.16	0.183	0.28	0.13	0.004	0.067	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/29/69-09/02/69	4	0.02	0.023	0.04	0.01	0.	0.015	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/29/69-09/02/69	4 ##	0.025	0.054	0.14	0.025	0.003	0.058	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/29/69-09/02/69	4	0.18	0.255	0.52	0.14	0.032	0.178	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/29/69-09/02/69	4	0.035	0.088	0.27	0.01	0.015	0.123	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/29/69-09/02/69	4	0.095	0.078	0.108	0.013	0.002	0.044	**	**	**	**
60050	ALGAE, TOTAL (CELLS/ML)	09/06/69-09/06/69	3	153.	153.	221.	85.	4624.	68.	**	**	**	**
60100	ALGAE, COCCOID BLUE-GREEN (CELLS/ML)	09/06/69-09/06/69	2	17.	17.	17.	17.	0.	0.	**	**	**	**
60200	ALGAE, COCCOID GREEN (CELLS/ML)	09/06/69-09/06/69	1	17.	17.	17.	17.	0.	0.	**	**	**	**
60300	ALGAE, FLAGELLATE GREEN (CELLS/ML)	09/06/69-09/06/69	3	34.	90.667	204.	34.	9633.333	98.15	**	**	**	**
60370	ALGAE, DIATOMS (CELLS/ML)	09/06/69-09/06/69	3	34.	45.333	85.	17.	1252.333	35.388	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0022

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	9	1	0.11	9	1	0.11									
00400	PH	Fresh Chronic	9.	4	0	0.00	4	0	0.00									
		Other-Lo Lim.	6.5	4	1	0.25	4	1	0.25									
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	4	0	0.00	4	0	0.00									

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

Station Inventory for Station: ROMO0023

NPS Station ID: ROMO0023
LAT/LON: 40.165475/-105.818254
Agency: 1118EPA8
Date Created: 08/31/76
Location: GRANBY LK. 400 YDS S.TWIN PINEPT
FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): GRANBY LK L-13
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14010001
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 0
Water Body Id:
Minor Basin: UPPER COLORADO R.
ECO Region:
RF1 Index: 14010001
RF1 Mile Point: 0.000
Distance from RF1: 0.60
On/Off RF1:
RF3 Index: 14010001004201.95
RF3 Mile Point: 3.44
Distance from RF3: 0.10
On/Off RF3:
Description:
DATA EXTRACTED FROM WATER QUALITY CONDITIONS IN SHADOW MTN,GRAND LAKE, GRANBY LAKE REPORT PACIFIC SOUTHWEST REGION-EPA DEC.1970
LATITUDE AND LONGITUDE COORDINATES FOR THIS STATION WERE CORRECTED BY THE NATIONAL PARK SERVICE WATER RESOURCES DIVISION FOR INCLUSION IN THIS BASELINE WATER QUALITY DATA INVENTORY AND ANALYSIS REPORT. THE AGENCY RESPONSIBLE FOR THE STATION WAS INFORMED OF THE NEED TO ALSO MAKE THE CORRECTIONS IN STORET.

Parameter Inventory for Station: ROMO0023

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/29/69-09/06/69	10	32.	33.6	90.	0.	785.6	28.029	0.2	8.	52.5	87.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/29/69-09/06/69	10	15.6	14.82	19.	8.3	14.504	3.808	8.52	11.7	18.2	18.92
00077	TRANSPARENCY, SECCHI DISC (INCHES)	09/06/69-09/06/69	1	204.	204.	204.	204.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/29/69-08/29/69	2	55.	55.	55.	55.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/29/69-09/06/69	9	6.8	5.956	7.6	4.	1.675	1.294	4.	4.8	6.9	7.6
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	09/06/69-09/06/69	7	96.	78.714	99.	45.	543.238	23.307	**	**	**	**
00400	PH (STANDARD UNITS)	08/29/69-08/29/69	2	6.6	6.6	6.9	6.3	0.18	0.424	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/29/69-08/29/69	2	6.504	6.504	6.9	6.3	0.199	0.446	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/29/69-08/29/69	2	0.314	0.314	0.501	0.126	0.07	0.265	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	08/29/69-08/29/69	2	0.18	0.18	0.22	0.14	0.003	0.057	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/29/69-08/29/69	2	0.025	0.025	0.03	0.02	0.	0.007	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/29/69-08/29/69	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/29/69-08/29/69	2	0.205	0.205	0.24	0.17	0.002	0.049	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/29/69-08/29/69	2	0.025	0.025	0.04	0.01	0.	0.021	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/29/69-08/29/69	2	0.085	0.085	0.111	0.059	0.001	0.037	**	**	**	**
60050	ALGAE, TOTAL (CELLS/ML)	09/06/69-09/06/69	2	144.5	144.5	170.	119.	1300.5	36.062	**	**	**	**
60200	ALGAE, COCCOID GREEN (CELLS/ML)	09/06/69-09/06/69	1	34.	34.	34.	34.	0.	0.	**	**	**	**
60300	ALGAE, FLAGELLATE GREEN (CELLS/ML)	09/06/69-09/06/69	2	102.	102.	119.	85.	578.	24.042	**	**	**	**
60370	ALGAE, DIATOMS (CELLS/ML)	09/06/69-09/06/69	2	25.5	25.5	34.	17.	144.5	12.021	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0023

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	9	1	0.11	9	1	0.11									
00400	PH	Fresh Chronic	9.	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	1	0.50	2	1	0.50									
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00	2	0	0.00									

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

Station Inventory for Station: ROMO0024

NPS Station ID: ROMO0024
LAT/LON: 40.166670/-105.833338
Agency: 21COL001
Date Created: 02/15/97
Location: ROARING FK. NEAR GRANBY
FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 12182
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14010001
Depth of Water: 0
Aquifer:
Major Basin: UPPER COLORADO
Elevation: 8300
Water Body Id:
Minor Basin: FRASER
ECO Region:
RF1 Index: 14010001
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
AT MOUTH AT ROARING FORK CAMPGROUND/TRAILHEAD
ON THE SOUTH EAST CORNER OF GRAND LAKE ON FR 125 (ARAPAHO BAY ROAD)
OFF HWY 34

Parameter Inventory for Station: ROMO0024

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/30/96-09/09/97	5	5.2	6.	10.4	0.1	18.715	4.326	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/09/97-09/09/97	3	19.	20.667	31.	12.	92.333	9.609	**	**	**	**
00021	TEMPERATURE, AIR (DEGREES FAHRENHEIT)	09/30/96-03/20/97	2	68.45	68.45	71.	65.9	13.005	3.606	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/30/96-09/09/97	5	9.6	9.42	11.	7.6	1.612	1.27	**	**	**	**
00400	PH (STANDARD UNITS)	09/30/96-09/09/97	5	7.3	7.38	7.6	7.2	0.027	0.164	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/30/96-09/09/97	5	7.3	7.356	7.6	7.2	0.028	0.166	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/30/96-09/09/97	5	0.05	0.044	0.063	0.025	0.	0.015	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/30/96-09/09/97	5	20.	19.2	20.	16.	3.2	1.789	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/30/96-09/09/97	5 ##	5.	6.2	11.	5.	7.2	2.683	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/30/96-09/09/97	5 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/30/96-09/09/97	5 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/30/96-09/09/97	5	0.009	0.012	0.02	0.005	0.	0.007	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/30/96-09/09/97	5	10.	10.6	15.	7.	11.3	3.362	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/30/96-09/09/97	5 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	09/30/96-09/09/97	5	33.	58.2	180.	14.	4707.2	68.609	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	09/30/96-09/09/97	5 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	09/30/96-09/09/97	5 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	09/30/96-09/09/97	5 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	09/30/96-09/09/97	5 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/30/96-09/09/97	5 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	09/30/96-09/09/97	5 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	09/30/96-09/09/97	5 ##	4.	9.4	31.	4.	145.8	12.075	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	09/30/96-09/09/97	5 ##	0.5	0.9	2.5	0.5	0.8	0.894	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/30/96-06/09/97	3 ##	1.5	2.333	4.	1.5	2.083	1.443	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/30/96-06/09/97	3 ##	0.176	0.318	0.602	0.176	0.06	0.246	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.08								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/30/96-09/09/97	5	26.	26.6	31.	23.	8.3	2.881	**	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	09/30/96-09/09/97	5 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0024

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	5	0	0.00	3	0	0.00	1	0	0.00	1	0	0.00			
00400	PH	Fresh Chronic	9.	5	0	0.00	3	0	0.00	1	0	0.00	1	0	0.00			
		Other-Lo Lim.	6.5	5	0	0.00	3	0	0.00	1	0	0.00	1	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	5	0	0.00	3	0	0.00	1	0	0.00	1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	5	0	0.00	3	0	0.00	1	0	0.00	1	0	0.00			
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	5	0	0.00	3	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	50.	5	0	0.00	3	0	0.00	1	0	0.00	1	0	0.00			
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	5	0	0.00	3	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	5.	5	0	0.00	3	0	0.00	1	0	0.00	1	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	5	0	0.00	3	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	1300.	5	0	0.00	3	0	0.00	1	0	0.00	1	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	5	0	0.00	3	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	15.	5	0	0.00	3	0	0.00	1	0	0.00	1	0	0.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	5	0	0.00	3	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	100.	5	0	0.00	3	0	0.00	1	0	0.00	1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	5	0	0.00	3	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	5000.	5	0	0.00	3	0	0.00	1	0	0.00	1	0	0.00			
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	5	0	0.00	3	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	50.	5	0	0.00	3	0	0.00	1	0	0.00	1	0	0.00			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	5	0	0.00	3	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	2.	5	0	0.00	3	0	0.00	1	0	0.00	1	0	0.00			

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

Station Inventory for Station: ROMO0025

NPS Station ID: ROMO0025 | LAT/LON: 40.167781/-105.698337 | Agency: 12WLS1 | Date Created: 09/03/88
Location: (NO NAME) | | FIPS State/County: 08049 COLORADO/GRAND |
Station Type: /TYPA/AMBNT/LAKE | | STORET Station ID(s): 4E1-035 |
RMI-Indexes: | | Within Park Boundary: Yes |
RMI-Miles: | | |
HUC: 14010001 | Depth of Water: 16 | Aquifer: |
Major Basin: | Elevation: 0 | Water Body Id: |
Minor Basin: | | ECO Region: |
RF1 Index: 14010001 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 14010001111108.16 | RF3 Mile Point: 8.16 | Distance from RF3: 0.02 | On/Off RF3:

Description:
THIS DATA WAS COLLECTED DURING THE WESTERN LAKE SURVEY-PHASE I (WLS-I) AS PART OF EPA'S NATIONAL SURFACE WATER SURVEY, AQUATIC EFFECTS RESEARCH PROGRAM. THE SURVEY DESIGN, METHODS, AND DATA LIMITATIONS ARE DESCRIBED IN:
LANDERS, D.H., ET AL. 1987. CHARACTERISTICS OF LAKES IN THE WESTERN UNITED STATES. VOL. I. POPULATION DESCRIPTIONS AND PHYSICO-CHEMICAL RELATIONSHIPS. EPA/600/4-86/054A. U.S. ENVIRON. PROT. AGENCY, WASHINGTON, D.C. 176 PP.
THE DATA PRESENTED HERE ARE THOSE REPORTED IN LANDERS ET AL. (1987) WITH THE FOLLOWING EXCEPTIONS: (1) UNITS FOR CHEMICAL PARAMETERS ARE TYPICALLY IN MG/L RATHER THAN MICROEQ/L; (2) NO SUBSTITUTED VALUES ARE PROVIDED FOR SUSPECT DATA; (3) TAGS AND FLAGS USED TO IDENTIFY SUSPICIOUS DATA ARE NOT SHOWN; AND (4) CALCULATED OR DERIVED VARIABLES ARE EXCLUDED.

Parameter Inventory for Station: ROMO0025

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/02/85-10/02/85	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/02/85-10/02/85	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	10/02/85-10/02/85	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/02/85-10/02/85	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00154	SULFATE (AS S) WHOLE WATER, MG/L	10/02/85-10/02/85	1	1.597	1.597	1.597	1.597	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	10/02/85-10/02/85	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/02/85-10/02/85	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/02/85-10/02/85	1	0.126	0.126	0.126	0.126	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	10/02/85-10/02/85	1	81.9	81.9	81.9	81.9	0.	0.	**	**	**	**
00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	10/02/85-10/02/85	1	5.9	5.9	5.9	5.9	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/02/85-10/02/85	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	10/02/85-10/02/85	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00910	CALCIUM (MG/L AS CACO3)	10/02/85-10/02/85	1	1.9	1.9	1.9	1.9	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/02/85-10/02/85	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/02/85-10/02/85	1	0.37	0.37	0.37	0.37	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/02/85-10/02/85	1	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/02/85-10/02/85	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/02/85-10/02/85	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/02/85-10/02/85	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/02/85-10/02/85	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	10/02/85-10/02/85	1	28.	28.	28.	28.	0.	0.	**	**	**	**
70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	10/02/85-10/02/85	1	0.014	0.014	0.014	0.014	0.	0.	**	**	**	**

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

Parameter Inventory for Station: ROMO0025

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/02/85-10/02/85	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
71885	IRON (UG/L AS FE)	10/02/85-10/02/85	1	2.	2.	2.	2.	0.	0.	**	**	**	**
72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	10/02/85-10/02/85	1	10866.7	10866.7	10866.7	10866.7	0.	0.	**	**	**	**
82047	DEPTH TO THE TOP OF THE SAMPLING INTERVAL (METERS)	10/02/85-10/02/85	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/02/85-10/02/85	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0025

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00154	SULFATE (AS S) WHOLE WATER	Drinking Water	250.	1	0	0.00	1	0	0.00									
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: ROMO0026

NPS Station ID: ROMO0026 LAT/LON: 40.169448/-105.822226 Agency: 21COLSS0 Date Created: 12/01/90
Location: LAKE GRANBY,NE OF GRANBY NR TWIN CR CONFL FIPS State/County: 08049 COLORADO/GRAND
Station Type: /RESERV/TYPA/AMBNT STORET Station ID(s): GRANBY02
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 14010001 Depth of Water: 45 Aquifer:
Major Basin: COLORADO RIVER Elevation: 2521 Water Body Id: COUCUC02L3 LAKE GRANBY
Minor Basin: UPPER COLORADO RIVER ECO Region:
RF1 Index: 14010001 RF1 Mile Point: 0.000 Distance from RF1: 5.70 On/Off RF1:
RF3 Index: 14010001004200.75 RF3 Mile Point: 2.27 Distance from RF3: 0.52 On/Off RF3:
Description:
STATION LOCATED IN MIDDLE OF GRAND BAY NEAR TWIN CREEK CONFLUENCE. T2N R75W, NW1/4W OF NW1/4 OF SEC5.

Parameter Inventory for Station: ROMO0026

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/13/90-09/13/90	15	23.	24.2	44.	3.	171.029	13.078	5.4	13.	36.	43.4
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/13/90-09/13/90	15	16.2	15.973	17.1	13.6	1.362	1.167	13.78	15.4	17.	17.1
00078	TRANSPARENCY, SECCHI DISC (METERS)	09/13/90-09/13/90	1	2.55	2.55	2.55	2.55	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/13/90-09/13/90	15	6.3	6.127	7.3	3.1	1.596	1.263	3.52	5.7	7.2	7.24
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/13/90-09/13/90	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/13/90-09/13/90	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/13/90-09/13/90	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/13/90-09/13/90	1	0.011	0.011	0.011	0.011	0.	0.	**	**	**	**
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	09/13/90-09/13/90	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	09/13/90-09/13/90	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	09/13/90-09/13/90	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	09/13/90-09/13/90	1 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	09/13/90-09/13/90	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	09/13/90-09/13/90	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	09/13/90-09/13/90	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	09/13/90-09/13/90	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
46460	CHLOROPHYLL-A, SPECTRO,CORRECT FOR PHEOPHYTIN UG/L	09/13/90-09/13/90	1	8.9	8.9	8.9	8.9	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	09/13/90-09/13/90	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0026

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	15	2	0.13	15	2	0.13									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG	Fresh Acute	4.1	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Fresh Acute	120.	1	0	0.00	1	0	0.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Fresh Acute	3.9	1	0	0.00	1	0	0.00									
		Drinking Water	5.	1	0	0.00	1	0	0.00									

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

EPA Water Quality Criteria Analysis for Station: ROMO0026

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Fresh Acute	82.	1	0	0.00	1	0	0.00									
		Drinking Water	15.	1	0	0.00	1	0	0.00									
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Fresh Acute	18.	1	0	0.00	1	0	0.00									
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01147	SELENIUM, TOTAL	Fresh Acute	20.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00	1	0	0.00									
		Drinking Water	2.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: ROMO0027

NPS Station ID: ROMO0027 | LAT/LON: 40.169782/-105.631505 | Agency: 11NPSWRD | Date Created: 06/12/99
Location: LOWER HUTCHESON LAKE | FIPS State/County: 08013 COLORADO/BOULDER
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): ROMO_JR_CAP32
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 10190005 | Depth of Water: 0 | Aquifer:
Major Basin: MISSOURI RIVER | Elevation: 0 | Water Body Id:
Minor Basin: SOUTH PLATTE RIVER | ECO Region:
RF1 Index: 10190005 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE ISOLATION PEAK CO 7.5' SERIES (TOPO.) QUADRANGLE. THE SITE IS LOCATED AT LOWER HUTCHESON LAKES EAST OF THE CONTINENTAL DIVIDE IN ROOSEVELT NATIONAL FOREST AND IS OUTSIDE OF ROCKY MOUNTAIN NATIONAL PARK. THE DATA ARE FROM ANNUAL CAPSHELL SNAIL MONITORING PROGRAM REPORTS BY JOHN RIEBESELL OF THE DEPARTMENT OF NATURAL RESOURCES AT THE UNIVERSITY OF MICHIGAN IN DEARBORN MI. THE REPORTS SUMMARIZED POPULATION DATA AND WATER QUALITY CHARACTERISTICS OF THE HABITAT OF CAPSHELL SNAILS; A CANDIDATE FOR LISTING UNDER THE FEDERAL ENDANGERED SPECIES ACT. FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0027

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70975	TEMPERATURE, WATER,DAILY MINIMUM DEG C	07/28/96-07/28/96	1	9.	9.	9.	9.	0.	0.	**	**	**	**
70976	TEMPERATURE, WATER,DAILY MAXIMUM DEG C	07/28/96-07/28/96	1	10.4	10.4	10.4	10.4	0.	0.	**	**	**	**

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

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

Station Inventory for Station: ROMO0028

NPS Station ID: ROMO0028 LAT/LON: 40.170837/-105.872226 Agency: 21COLSS0 Date Created: 12/01/90
Location: LAKE GRANBY,NE OF GRANBY,MIDDLE OF NORTH BASIN FIPS State/County: 08049 COLORADO/GRAND
Station Type: /RESERV/TYPA/AMBNT STORET Station ID(s): GRANBY03
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 14010001 Depth of Water: 49 Aquifer:
Major Basin: COLORADO RIVER Elevation: 2521 Water Body Id: COUCUC02L3 LAKE GRANBY
Minor Basin: UPPER COLORADO RIVER ECO Region:
RF1 Index: 14010001 RF1 Mile Point: 0.000 Distance from RF1: 0.70 On/Off RF1:
RF3 Index: 14010001004201.95 RF3 Mile Point: 2.34 Distance from RF3: 0.08 On/Off RF3:
Description:
STATION LOCATED IN MIDDLE OF THE NORTH BASIN, ON LINE BETWEEN THE PUMPING STATION AND SUNSET POINT. T3N R76W, SW1/4 OF SE1/4 OF SEC35.

Parameter Inventory for Station: ROMO0028

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/13/90-09/13/90	16	26.	26.	49.	3.	205.067	14.32	5.8	13.75	38.25	46.9
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/13/90-09/13/90	16	16.1	15.256	17.4	11.1	4.156	2.039	11.59	13.625	16.875	17.4
00078	TRANSPARENCY, SECCHI DISC (METERS)	09/13/90-09/13/90	1	2.15	2.15	2.15	2.15	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/13/90-09/13/90	16	5.25	4.506	7.4	0.09	7.535	2.745	0.307	1.825	7.175	7.4
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/13/90-09/13/90	2	## 0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/13/90-09/13/90	2	## 0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/13/90-09/13/90	2	## 0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/13/90-09/13/90	2	0.017	0.017	0.021	0.013	0.	0.006	**	**	**	**
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	09/13/90-09/13/90	2	## 80.	80.	110.	50.	1800.	42.426	**	**	**	**
01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	09/13/90-09/13/90	2	## 0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	09/13/90-09/13/90	2	## 5.	5.	5.	5.	0.	0.	**	**	**	**
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	09/13/90-09/13/90	2	## 0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	09/13/90-09/13/90	2	## 2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	09/13/90-09/13/90	2	## 2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	09/13/90-09/13/90	2	## 25.	25.	25.	25.	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	09/13/90-09/13/90	2	## 1.	1.	1.	1.	0.	0.	**	**	**	**
46460	CHLOROPHYLL-A, SPECTRO,CORRECT FOR PHEOPHYTIN UG/L	09/13/90-09/13/90	1	10.3	10.3	10.3	10.3	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	09/13/90-09/13/90	2	## 0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0028

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	16	6	0.38	16	6	0.38									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00	2	0	0.00									
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG	Fresh Acute	4.1	2	0	0.00	2	0	0.00									
		Drinking Water	100.	2	0	0.00	2	0	0.00									
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Fresh Acute	120.	2	0	0.00	2	0	0.00									
		Drinking Water	5000.	2	0	0.00	2	0	0.00									
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Fresh Acute	3.9	2	0	0.00	2	0	0.00									
		Drinking Water	5.	2	0	0.00	2	0	0.00									

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

EPA Water Quality Criteria Analysis for Station: ROMO0028

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Fresh Acute	82.	2	0	0.00	2	0	0.00									
		Drinking Water	15.	2	0	0.00	2	0	0.00									
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Fresh Acute	18.	2	0	0.00	2	0	0.00									
		Drinking Water	1300.	2	0	0.00	2	0	0.00									
01147	SELENIUM, TOTAL	Fresh Acute	20.	2	0	0.00	2	0	0.00									
		Drinking Water	50.	2	0	0.00	2	0	0.00									
71900	MERCURY, TOTAL	Fresh Acute	2.4	2	0	0.00	2	0	0.00									
		Drinking Water	2.	2	0	0.00	2	0	0.00									

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

Station Inventory for Station: ROMO0029

NPS Station ID: ROMO0029 LAT/LON: 40.173892/-105.525310 Agency: 11NPSWRD Date Created: 06/18/99
Location: 105784/C04264 FIPS State/County: 08013 COLORADO/BOULDER
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): ROMO_NURE_181 /1073971 /1118449
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 10190005 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI RIVER Elevation: 0 Water Body Id:
Minor Basin: SOUTH PLATTE RIVER ECO Region:
RF1 Index: 10190005 RF1 Mile Point: 0.000 Distance from RF1: 12.40 On/Off RF1:
RF3 Index: 10190007002218.40 RF3 Mile Point: 18.39 Distance from RF3: 0.57 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE "ALLENS PARK COLORADO" 7.5 MINUTE SERIES QUADRANGLE. THE SITE IS AT A STREAM OUTSIDE OF ROCKY MOUNTAIN NATIONAL PARK. EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO ONE WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATA BASE: "NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SOIL; STREAM SEDIMENT; SURFACE WATER; AND GROUND WATER DATA. "UNIQID" FIELD ENTRIES WERE USED TO CREATE THE SECONDARY STATION NAMES. THE "LASLID" FIELD ENTRIES (LAB SAMPLE NUMBERS) WERE USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LAB. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND KELLI O'CONNOR; NATIONAL PARK SERVICE WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0029

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/20/76-09/20/76	1	9.3	9.3	9.3	9.3	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/20/76-09/20/76	1	50.	50.	50.	50.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/20/76-09/20/76	1	6.3	6.3	6.3	6.3	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/20/76-09/20/76	1	6.3	6.3	6.3	6.3	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/20/76-09/20/76	1	0.501	0.501	0.501	0.501	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/20/76-09/20/76	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0029

				Total	Exceed	Prop.	----------6/10-10/31----------			----------11/01-4/10----------			----------4/11-6/09----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: ROMO0030

NPS Station ID: ROMO0030
LAT/LON: 40.173948/-105.647254
Agency: 11NPSWRD
Date Created: 06/12/99
Location: UPPER HUTCHESON LAKE
FIPS State/County: 08013 COLORADO/BOULDER
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): ROMO_JR_CAP40
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190005
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190005
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE ISOLATION PEAK CO 7.5' SERIES (TOPO.) QUADRANGLE. THE SITE IS LOCATED AT UPPER HUTCHESON LAKE EAST OF THE CONTINENTAL DIVIDE IN BOULDER COUNTY AND IS WITHIN ROCKY MOUNTAIN NATIONAL PARK. THE DATA ARE FROM ANNUAL CAPSHELL SNAIL MONITORING PROGRAM REPORTS BY JOHN RIEBESELL OF THE DEPARTMENT OF NATURAL RESOURCES AT THE UNIVERSITY OF MICHIGAN IN DEARBORN MI. TTHE REPORTS SUMMARIZED POPULATION DATA AND WATER QUALITY CHARACTERISTICS OF THE HABITAT OF CAPSHELL SNAILS; A CANDIDATE FOR LISTING UNDER THE FEDERAL ENDANGERED SPECIES ACT. FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0030

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/28/96-07/28/96	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**

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

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

Station Inventory for Station: ROMO0031

NPS Station ID: ROMO0031 LAT/LON: 40.176642/-105.624559 Agency: 11NPSWRD Date Created: 06/12/99
Location: PEAR LAKE NORTH OF THE INLET AT THE FAR END FIPS State/County: 08013 COLORADO/BOULDER
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): ROMO_JR_CAP35
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10190005 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI RIVER Elevation: 0 Water Body Id:
Minor Basin: SOUTH PLATTE RIVER ECO Region:
RF1 Index: 10190005 RF1 Mile Point: 0.000 Distance from RF1: 12.40 On/Off RF1:
RF3 Index: 10190007002218.40 RF3 Mile Point: 18.39 Distance from RF3: 0.57 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE ALLENS PARK CO 7.5' SERIES (TOPO.) QUADRANGLE. THE SITE IS LOCATED AT PEAR LAKE NORTH OF THE INLET AT THE FAR END AND IS WITHIN ROCKY MOUNTAIN NATIONAL PARK. THE DATA ARE FROM ANNUAL CAPSHELL SNAIL MONITORING PROGRAM REPORTS BY JOHN RIEBESELL OF THE DEPARTMENT OF NATURAL RESOURCES AT THE UNIVERSITY OF MICHIGAN IN DEARBORN MI. TTHE REPORTS SUMMARIZED POPULATION DATA AND WATER QUALITY CHARACTERISTICS OF THE HABITAT OF CAPSHELL SNAILS; A CANDIDATE FOR LISTING UNDER THE FEDERAL ENDANGERED SPECIES ACT. FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0031

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/16/97-07/16/97	1	11.	11.	11.	11.	0.	0.	**	**	**	**
70975	TEMPERATURE, WATER,DAILY MINIMUM DEG C	07/14/96-07/14/96	1	13.7	13.7	13.7	13.7	0.	0.	**	**	**	**
70976	TEMPERATURE, WATER,DAILY MAXIMUM DEG C	07/14/96-07/14/96	1	16.8	16.8	16.8	16.8	0.	0.	**	**	**	**

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

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

Station Inventory for Station: ROMO0032

NPS Station ID: ROMO0032
LAT/LON: 40.176809/-105.623003
Agency: 11NPSWRD
Date Created: 09/25/99
Location: Pear Reservoir
FIPS State/County: 08013 COLORADO/BOULDER
Station Type: /RESERV/TYPA/AMBNT
STORET Station ID(s): ROMO_NF_PR
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190005
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE
ECO Region:
RF1 Index: 10190005
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the Allens Park CO 7.5 minute U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data appear in the 1991 article "Survey of Pathogenic Naegleria fowleri and Thermotolerant Amebas in Federal Recreation Waters" by J.L. Detterline and W.E. Wilhelm in Trans. Am. Microsc. Soc. 110(3):244-261. The authors are with the Memphis State University Department of Biology. Samples were collected from 59 sites by managers of federal recreation waters across the United States during September and October 1987. The samples were processed for the pathogenic ameboflagellate Naegleria fowleri. Recently disturbed environments hada significant effect on the occurrence of N. fowleri. Exact sample sites were unavailable so lat/lon coordinates were chosen for the most likely sample locations. Specific dates were also unavailable. All samples were assigned a date of 09/30/1987. Data were uploaded to STORET by the NPS Water Resources Division; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0032

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/30/87-09/30/87	1	9.4	9.4	9.4	9.4	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/30/87-09/30/87	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
79830	ENVIRONMENTAL CONDITION CODE (1,2, OR 3)	09/30/87-09/30/87	1	3.	3.	3.	3.	0.	0.	**	**	**	**
79831	DIVERSITY INDEX (0 LEAST; 4 GREATEST)	09/30/87-09/30/87	1	0.86	0.86	0.86	0.86	0.	0.	**	**	**	**

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

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

Station Inventory for Station: ROMO0033

NPS Station ID: ROMO0033 | LAT/LON: 40.178115/-105.506699 | Agency: 11NPSWRD | Date Created: 06/18/99
Location: 105783/C04263 | FIPS State/County: 08013 COLORADO/BOULDER
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): ROMO_NURE_188 /1073970 /1118448
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 10190005 | Depth of Water: 0 | Aquifer:
Major Basin: MISSOURI RIVER | Elevation: 0 | Water Body Id:
Minor Basin: SOUTH PLATTE RIVER | ECO Region:
RF1 Index: 10190005 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE "ALLENS PARK COLORADO" 7.5 MINUTE SERIES QUADRANGLE. THE SITE IS AT A SPRING OUTSIDE OF ROCKY MOUNTAIN NATIONAL PARK. EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO ONE WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATA BASE: "NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SOIL; STREAM SEDIMENT; SURFACE WATER; AND GROUND WATER DATA. "UNIQID" FIELD ENTRIES WERE USED TO CREATE THE SECONDARY STATION NAMES. THE "LASLID" FIELD ENTRIES (LAB SAMPLE NUMBERS) WERE USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LAB. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND KELLI O'CONNOR; NATIONAL PARK SERVICE WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0033

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/20/76-09/20/76	1	11.3	11.3	11.3	11.3	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/20/76-09/20/76	1	53.	53.	53.	53.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/20/76-09/20/76	1	6.3	6.3	6.3	6.3	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/20/76-09/20/76	1	6.3	6.3	6.3	6.3	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/20/76-09/20/76	1	0.501	0.501	0.501	0.501	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/20/76-09/20/76	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0033

Parameter				Total	Exceed	Prop.	6/10-10/31			11/01-4/10			4/11-6/09			n/a		
		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: ROMO0034

NPS Station ID: ROMO0034
LAT/LON: 40.181948/-105.870560
Agency: 112WRD
Date Created: / /
Location: LAKE GRANBY NEAR GRANBY, CO.
FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 09018500
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14010001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14010001039
RF1 Mile Point: 5.160
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 14010001004300.26
RF3 Mile Point: 2.45
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/27/55-10/01/96	1056	60.	64.643	170.	0.1	2487.231	49.872	2.	20.	110.	140.
00004	STREAM WIDTH (FEET)	05/26/93-05/26/93	1	25.	25.	25.	25.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/27/55-10/01/96	1012	8.4	10.07	19.5	0.	16.84	4.104	5.5	7.	13.7	16.9
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/22/73-08/22/73	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00025	BAROMETRIC PRESSURE (MM OF HG)	06/27/84-07/22/93	43	565.	563.558	570.	557.	18.824	4.339	557.4	560.	566.	570.
00032	CLOUD COVER (PERCENT)	08/22/73-08/22/73	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/26/93-05/26/93	1	108.	108.	108.	108.	0.	0.	**	**	**	**
00065	STAGE, STREAM (FEET)	05/26/93-05/26/93	1	2.68	2.68	2.68	2.68	0.	0.	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	08/22/73-10/01/96	60	102.	111.383	236.	0.	2155.122	46.423	68.4	78.5	144.	164.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/27/55-10/01/96	935	60.	59.399	80.	25.	60.542	7.781	50.	54.	66.	68.
00300p	OXYGEN, DISSOLVED MG/L	09/27/55-10/01/96	1025	6.2	5.504	10.4	0.	5.429	2.33	2.	3.9	7.2	8.
00400p	PH (STANDARD UNITS)	09/27/55-10/01/96	855	7.5	7.521	9.1	1.6	0.378	0.615	6.9	7.1	7.8	8.3
00400p	CONVERTED PH (STANDARD UNITS)	09/27/55-10/01/96	855	7.5	4.231	9.1	1.6	11.215	3.349	6.9	7.1	7.8	8.3
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/27/55-10/01/96	855	0.032	58.815	25118.864	0.001	1474188.647	1214.162	0.005	0.016	0.079	0.126
00403	PH, LAB, STANDARD UNITS SU	05/24/89-10/01/96	104	7.45	7.47	8.7	6.6	0.223	0.473	6.9	7.1	7.775	8.15
00403	CONVERTED PH, LAB, STANDARD UNITS	05/24/89-10/01/96	104	7.447	7.264	8.7	6.6	0.266	0.516	6.9	7.1	7.775	8.15
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/24/89-10/01/96	104	0.036	0.054	0.251	0.002	0.002	0.05	0.007	0.017	0.079	0.126
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/22/73-08/22/73	2	26.	26.	28.	24.	8.	2.828	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/22/73-08/22/73	2	31.5	31.5	34.	29.	12.5	3.536	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/22/73-08/22/73	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/29/91-09/22/92	12	5.	5.583	15.	1.	16.265	4.033	1.	3.	6.75	13.8
00600	NITROGEN, TOTAL (MG/L AS N)	11/13/73-07/29/81	14	0.41	0.769	3.8	0.32	0.848	0.921	0.325	0.34	0.755	2.6
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	11/13/73-06/04/75	6	0.265	0.847	3.8	0.23	2.094	1.447	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	05/24/89-10/01/96	107	0.01	0.017	0.07	0.005	0.	0.013	0.005	0.008	0.03	0.03
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/13/73-10/20/92	71	0.01	0.019	0.06	0.005	0.	0.015	0.005	0.005	0.03	0.04
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/24/89-10/01/96	107 ##	0.005	0.005	0.02	0.005	0.	0.002	0.005	0.005	0.005	0.005
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/20/91-10/20/92	36 ##	0.005	0.005	0.01	0.005	0.	0.001	0.005	0.005	0.005	0.005
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/13/73-10/01/96	136	0.2	0.322	3.9	0.1	0.32	0.565	0.1	0.1	0.3	0.5
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/13/73-10/20/92	77	0.05	0.072	0.21	0.	0.003	0.058	0.009	0.025	0.1	0.17
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/22/73-10/01/96	109 ##	0.05	0.069	0.2	0.003	0.003	0.057	0.025	0.025	0.1	0.2
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	06/12/79-06/12/79	2	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/22/73-08/22/73	2	0.015	0.015	0.03	0.	0.	0.021	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	11/13/73-10/01/96	136	0.01	0.019	0.29	0.002	0.001	0.033	0.005	0.005	0.02	0.03
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/22/73-10/01/96	97 ##	0.005	0.007	0.03	0.005	0.	0.005	0.005	0.005	0.005	0.012
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/22/73-10/01/96	109 ##	0.005	0.006	0.03	0.001	0.	0.005	0.001	0.005	0.005	0.01
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/22/73-08/22/73	2	21.	21.	24.	18.	18.	4.243	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/22/73-08/22/73	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	08/22/73-10/01/96	106	7.7	7.617	9.6	5.5	0.486	0.697	6.7	7.275	8.025	8.5

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

Parameter Inventory for Station: ROMO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/22/73-10/01/96	106	1.4	1.365	1.6	1.	0.015	0.121	1.2	1.3	1.4	1.5
00930p	SODIUM, DISSOLVED (MG/L AS NA)	08/22/73-10/01/96	106	2.4	2.445	4.1	1.8	0.095	0.308	2.07	2.3	2.6	2.8
00931	SODIUM ADSORPTION RATIO	08/22/73-08/22/73	2	0.35	0.35	0.4	0.3	0.005	0.071	**	**	**	**
00932	SODIUM, PERCENT	08/22/73-08/22/73	2	25.	25.	26.	24.	2.	1.414	**	**	**	**
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	08/22/73-10/01/96	106	0.7	0.748	1.4	0.6	0.009	0.096	0.7	0.7	0.8	0.8
00940p	CHLORIDE,TOTAL IN WATER MG/L	08/22/73-10/01/96	106	0.4	0.459	1.	0.05	0.052	0.228	0.17	0.3	0.6	0.8
00945p	SULFATE, TOTAL (MG/L AS SO4)	08/22/73-10/01/96	106	3.	3.208	5.	2.	0.261	0.511	3.	3.	3.	4.
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	08/22/73-10/01/96	106	0.1	0.121	0.3	0.05	0.004	0.059	0.05	0.1	0.125	0.2
00955p	SILICA, DISSOLVED (MG/L AS SI02)	08/22/73-10/01/96	106	5.8	5.841	8.6	2.3	1.705	1.306	4.17	4.8	6.825	7.8
01005	BARIUM, DISSOLVED (UG/L AS BA)	05/24/89-10/01/96	104	8.	7.654	11.	1.	2.559	1.6	7.	7.	8.	9.
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	05/24/89-10/01/96	104 ##	0.25	0.285	0.8	0.25	0.015	0.124	0.25	0.25	0.25	0.25
01020	BORON, DISSOLVED (UG/L AS B)	05/24/89-10/01/96	104 ##	5.	6.216	40.	2.	28.062	5.297	5.	5.	5.	10.
01025p	CADMIUM, DISSOLVED (UG/L AS CD)	06/15/78-10/01/96	126 ##	0.5	0.615	5.	0.	0.269	0.518	0.5	0.5	0.5	1.
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/24/89-10/01/96	104 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
01035	COBALT, DISSOLVED (UG/L AS CO)	05/24/89-10/01/96	104 ##	1.5	1.5	1.5	1.5	0.	0.	1.5	1.5	1.5	1.5
01040p	COPPER, DISSOLVED (UG/L AS CU)	06/15/78-10/01/96	127 ##	5.	4.508	9.	0.	1.79	1.338	2.	5.	5.	5.
01046p	IRON, DISSOLVED (UG/L AS FE)	08/22/73-10/01/96	106	24.	68.033	2500.	1.5	97687.616	312.55	8.4	12.	36.25	45.
01049p	LEAD, DISSOLVED (UG/L AS PB)	11/13/73-10/01/96	133 ##	5.	4.549	10.	0.	3.878	1.969	1.4	5.	5.	5.
01056p	MANGANESE, DISSOLVED (UG/L AS MN)	08/22/73-10/01/96	105	3.	19.286	150.	0.	1268.889	35.621	0.5	1.	14.	76.
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	05/24/89-10/01/96	104 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01065p	NICKEL, DISSOLVED (UG/L AS NI)	11/13/73-10/01/96	133 ##	5.	4.177	10.	0.	3.917	1.979	0.5	5.	5.	5.
01075	SILVER, DISSOLVED (UG/L AS AG)	05/24/89-10/01/96	107 ##	0.5	0.592	6.	0.	1.04	1.02	0.1	0.1	0.5	1.
01077	SILVER, TOTAL (UG/L AS AG)	05/29/91-05/27/92	12 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	05/24/89-10/01/96	104	48.	47.442	59.	38.	17.725	4.21	42.	45.	50.	52.
01085	VANADIUM, DISSOLVED (UG/L AS V)	05/24/89-10/01/96	104 ##	3.	3.	3.	3.	0.	0.	3.	3.	3.	3.
01090p	ZINC, DISSOLVED (UG/L AS ZN)	06/15/78-10/01/96	127	4.	5.803	40.	0.	30.81	5.551	1.5	1.5	10.	11.2
01130	LITHIUM, DISSOLVED (UG/L AS LI)	05/24/89-10/01/96	104 ##	2.	2.029	5.	2.	0.087	0.294	2.	2.	2.	2.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/17/82-09/17/91	12 ##	0.5	0.917	3.	0.5	0.629	0.793	0.5	0.5	1.	2.7
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/17/82-09/17/91	12 ##	-0.301	-0.136	0.477	-0.301	0.075	0.273	-0.301	-0.301	0.	0.424
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			0.731								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/29/91-09/17/91	10 ##	0.25	0.3	1.	0.	0.122	0.35	0.	0.	0.5	0.95
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/29/91-09/17/91	10 ##	-0.151	-0.12	0.	-0.301	0.024	0.155	0.	0.	-0.301	-0.03
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			0.758								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	06/17/82-10/01/96	39 ##	0.5	0.628	2.	0.	0.102	0.319	0.5	0.5	0.5	1.
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	06/17/82-10/01/96	39 ##	-0.301	-0.216	0.301	-0.301	0.024	0.154	-0.301	-0.301	-0.301	0.
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			0.608								
60050	ALGAE, TOTAL (CELLS/ML)	08/22/73-07/16/87	10	8100.	10640.	20900.	3900.	40280444.444	6346.688	4010.	5525.	18325.	20710.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/24/89-10/01/96	104	38.	37.087	60.	0.	115.672	10.755	24.	33.	44.	48.5
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/22/73-08/22/73	2	39.	39.	45.	33.	72.	8.485	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/22/73-08/22/73	2	0.05	0.05	0.06	0.04	0.	0.014	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/20/91-10/20/92	36 ##	0.005	0.009	0.04	0.005	0.	0.01	0.005	0.005	0.005	0.03
70953	CHLOROPHYLL-A,PHYTOPLANKTON UG/L,CHROMO-FLUORO	05/24/89-10/01/96	51	3.	3.375	13.	0.	7.096	2.664	1.	1.4	4.6	7.06
70954	CHLOROPHYLL-B,PHYTOPLANKTON UG/L,CHROMO-FLUORO	05/24/89-10/01/96	50 ##	0.05	0.099	0.3	0.05	0.007	0.084	0.05	0.05	0.1	0.29
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	06/12/79-07/21/83	11	0.09	0.18	0.89	0.03	0.061	0.247	0.036	0.06	0.15	0.774
71887	NITROGEN, TOTAL, AS NO3 - MG/L	11/13/73-07/29/81	14	1.85	3.443	17.	1.4	17.033	4.127	1.45	1.5	3.325	11.7
71890	MERCURY, DISSOLVED (UG/L AS HG)	11/13/73-06/04/75	6 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
72019	DEPTH TO WATER LEVEL (FEET BELOW LAND SURFACE)	07/16/87-07/16/87	1	150.	150.	150.	150.	0.	0.	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	08/22/73-08/22/73	1	172.	172.	172.	172.	0.	0.	**	**	**	**
72027	AZIMUTH FROM OUTLET (DEGREES)	08/22/73-08/22/73	1	21.6	21.6	21.6	21.6	0.	0.	**	**	**	**
72029	DISTANCE FROM SOUTHERNMOST POINT (FEET)	08/22/73-08/22/73	1	1400.	1400.	1400.	1400.	0.	0.	**	**	**	**
85209	ALGAL GROWTH POTENTIAL, FILTERED (MG/L)	06/15/78-07/16/87	7	8.3	18.386	52.3	0.3	539.025	23.217	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0034

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1025	267	0.26	904	265	0.29	3	0	0.00	118	2	0.02			
00400	PH	Fresh Chronic	9.	855	18	0.02	746	18	0.02	2	0	0.00	107	0	0.00			
		Other-Lo Lim.	6.5	855	13	0.02	746	12	0.02	2	0	0.00	107	1	0.01			

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

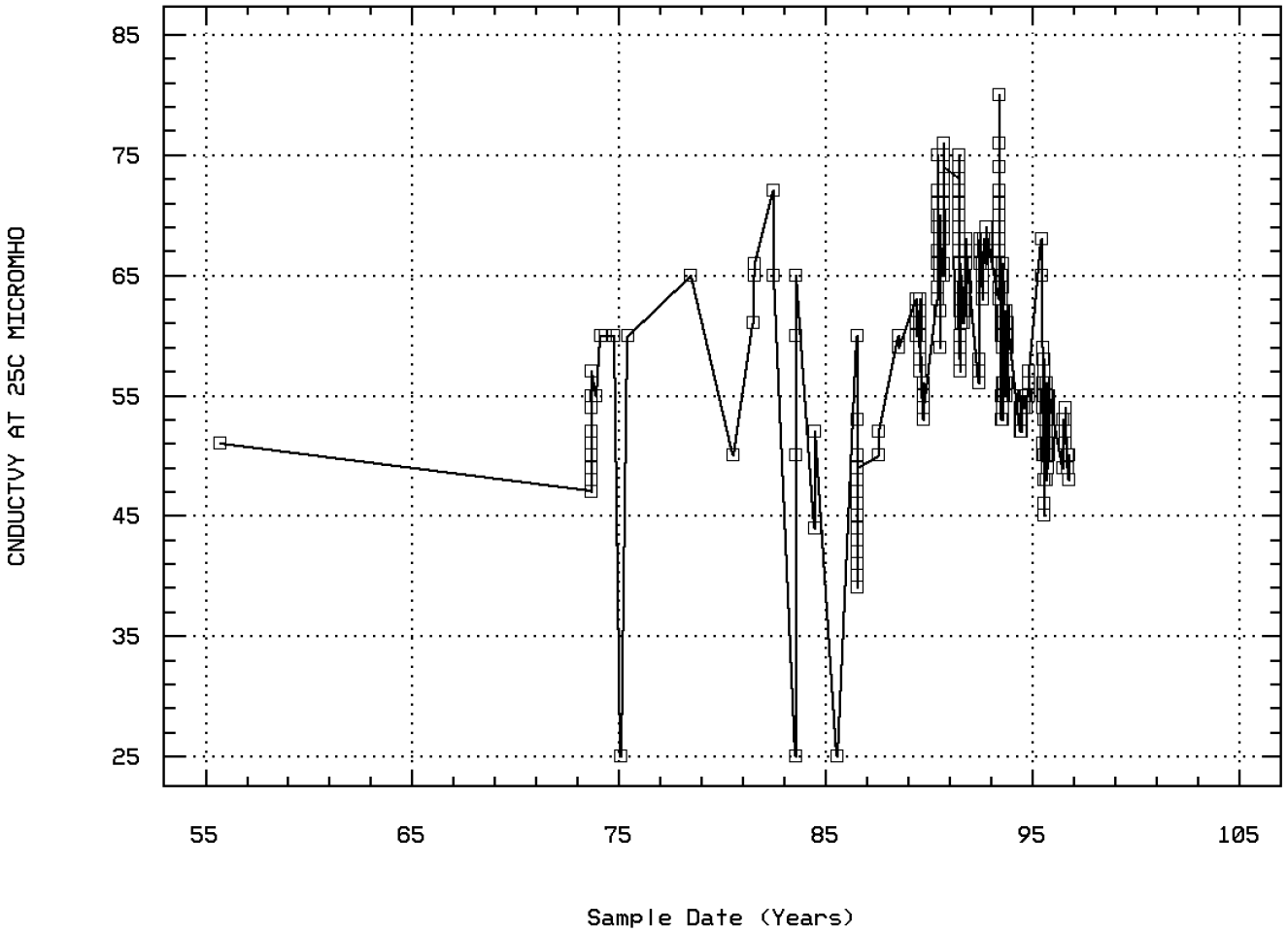
EPA Water Quality Criteria Analysis for Station: ROMO0034

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	104	0	0.00	84	0	0.00				20	0	0.00			
		Other-Lo Lim.	6.5	104	0	0.00	84	0	0.00				20	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	107	0	0.00	87	0	0.00				20	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	36	0	0.00	32	0	0.00				4	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	77	0	0.00	64	0	0.00	3	0	0.00	10	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	109	0	0.00	89	0	0.00				20	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	106	0	0.00	86	0	0.00				20	0	0.00			
		Drinking Water	250.	106	0	0.00	86	0	0.00				20	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	106	0	0.00	86	0	0.00				20	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	106	0	0.00	86	0	0.00				20	0	0.00			
01005	BARIUM, DISSOLVED	Drinking Water	2000.	104	0	0.00	84	0	0.00				20	0	0.00			
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	104	0	0.00	84	0	0.00				20	0	0.00			
		Drinking Water	4.	104	0	0.00	84	0	0.00				20	0	0.00			
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	126	1	0.01	106	1	0.01				20	0	0.00			
		Drinking Water	5.	126	1	0.01	106	1	0.01				20	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	104	0	0.00	84	0	0.00				20	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	127	0	0.00	107	0	0.00				20	0	0.00			
		Drinking Water	1300.	127	0	0.00	107	0	0.00				20	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	133	0	0.00	108	0	0.00	3	0	0.00	22	0	0.00			
		Drinking Water	15.	133	0	0.00	108	0	0.00	3	0	0.00	22	0	0.00			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	133	0	0.00	108	0	0.00	3	0	0.00	22	0	0.00			
		Drinking Water	100.	133	0	0.00	108	0	0.00	3	0	0.00	22	0	0.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	107	3	0.03	84	1	0.01				23	2	0.09			
		Drinking Water	100.	107	0	0.00	84	0	0.00				23	0	0.00			
01077	SILVER, TOTAL	Fresh Acute	4.1	12	0	0.00	6	0	0.00				6	0	0.00			
		Drinking Water	100.	12	0	0.00	6	0	0.00				6	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	127	0	0.00	107	0	0.00				20	0	0.00			
		Drinking Water	5000.	127	0	0.00	107	0	0.00				20	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	12	0	0.00	11	0	0.00				1	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	10	0	0.00	8	0	0.00				2	0	0.00			
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	39	0	0.00	33	0	0.00				6	0	0.00			
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	6	0	0.00	1	0	0.00	3	0	0.00	2	0	0.00			
		Drinking Water	2.	6	0	0.00	1	0	0.00	3	0	0.00	2	0	0.00			

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

Station: ROMO0034 Parameter Code: 00095

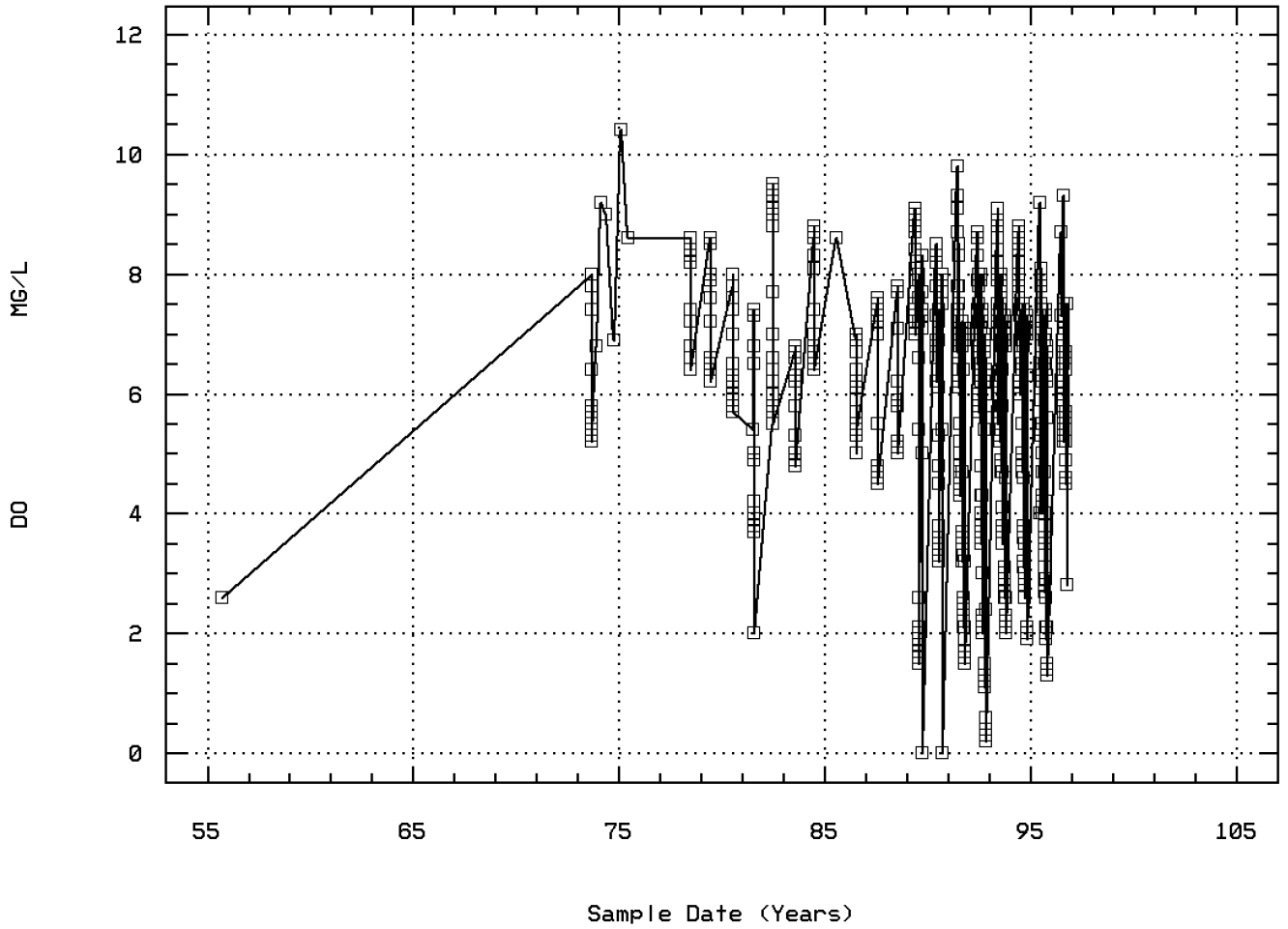
SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)



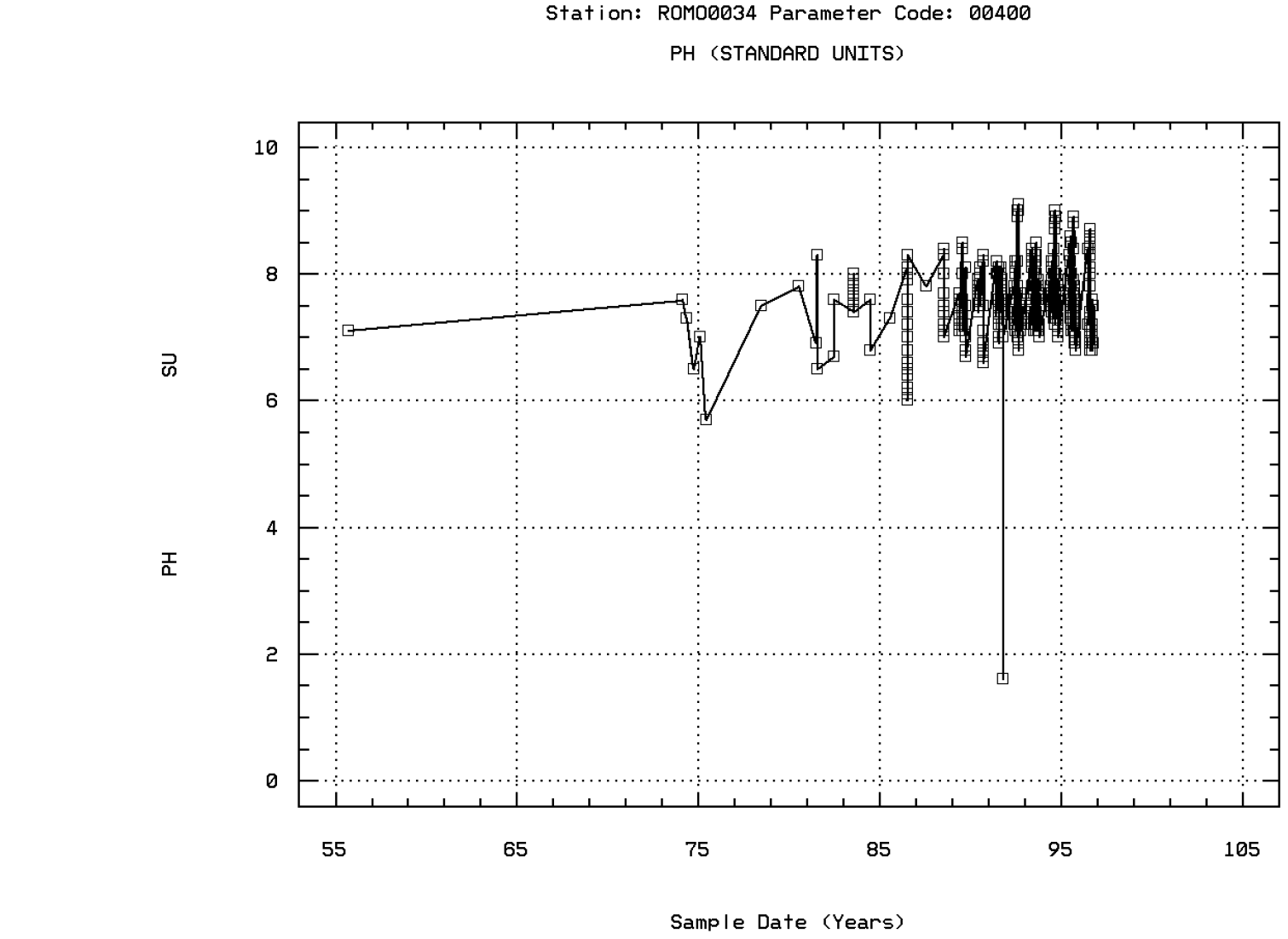
LAKE GRANBY NEAR GRANBY, CO.

Station: ROMO0034 Parameter Code: 00300

OXYGEN, DISSOLVED



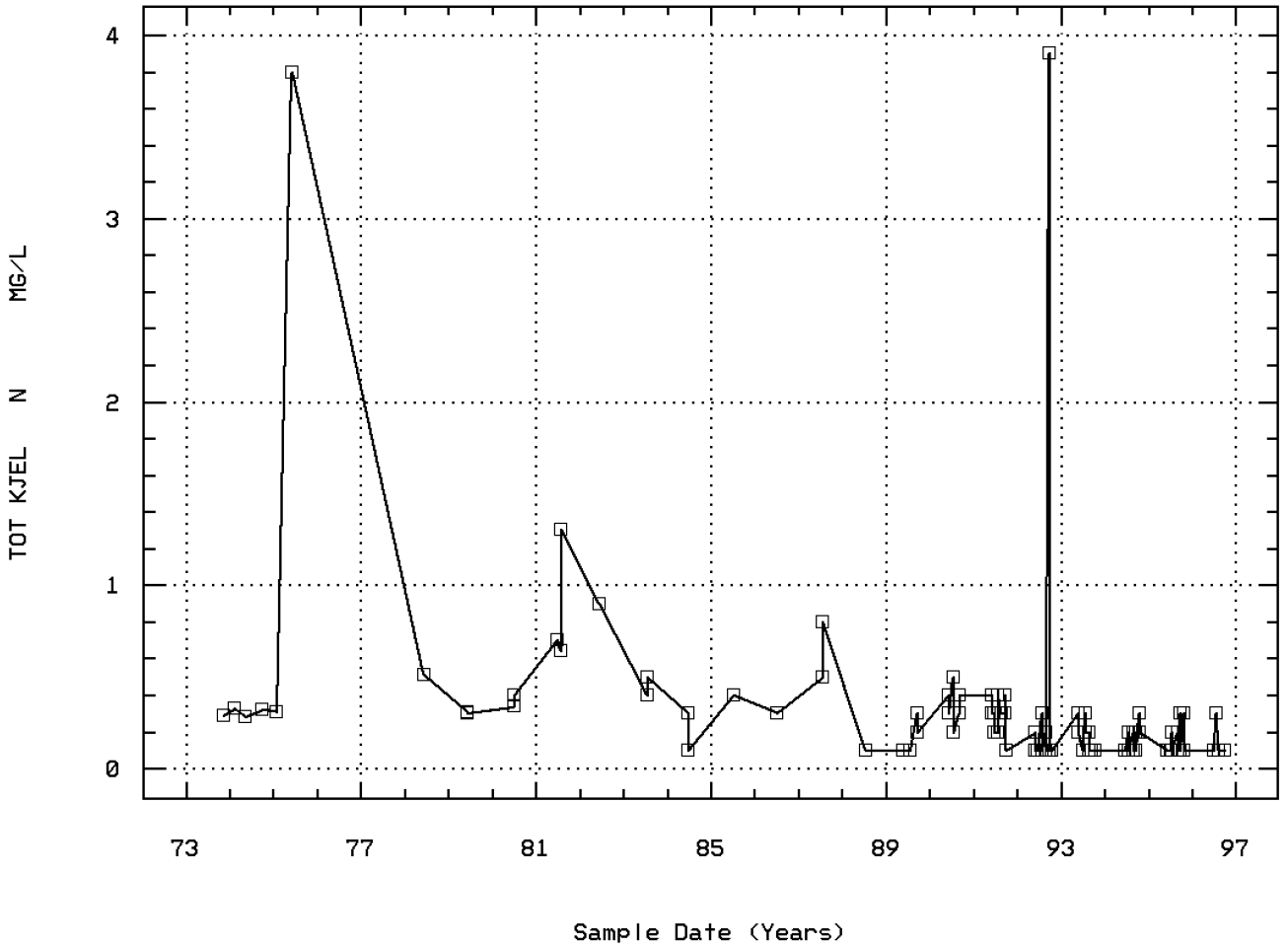
LAKE GRANBY NEAR GRANBY, CO.



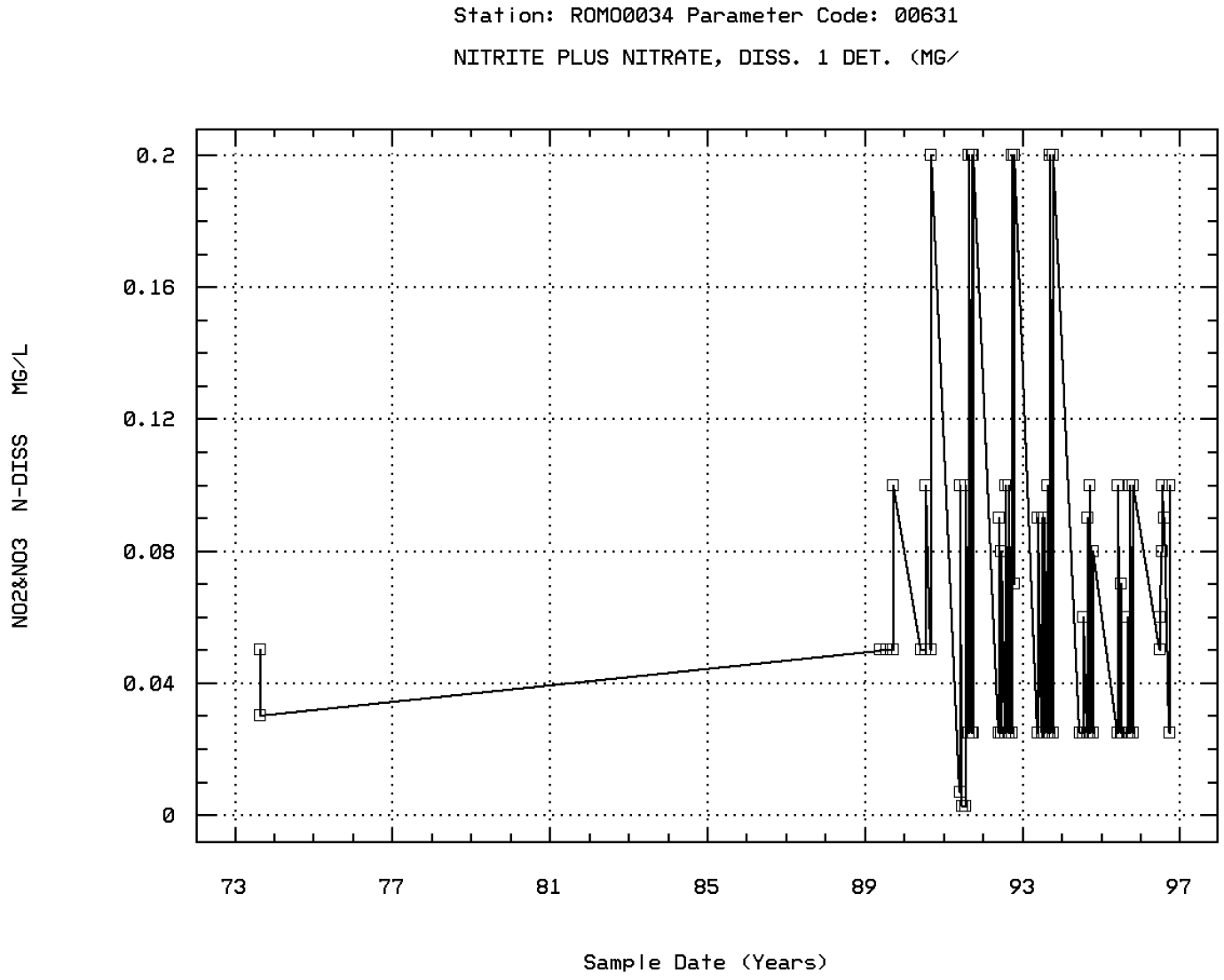
LAKE GRANBY NEAR GRANBY, CO.

Station: ROMO0034 Parameter Code: 00625

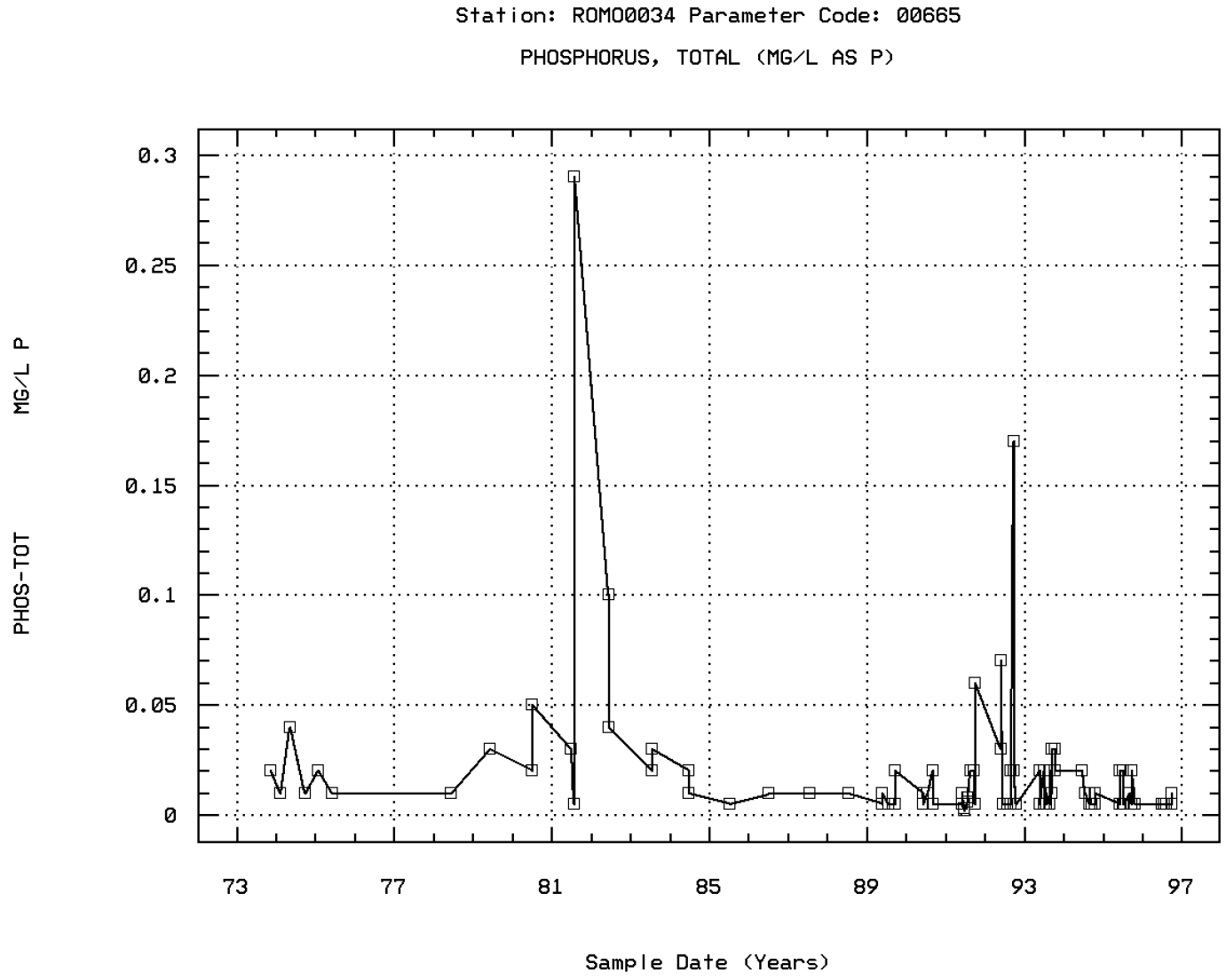
NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)



LAKE GRANBY NEAR GRANBY, CO.



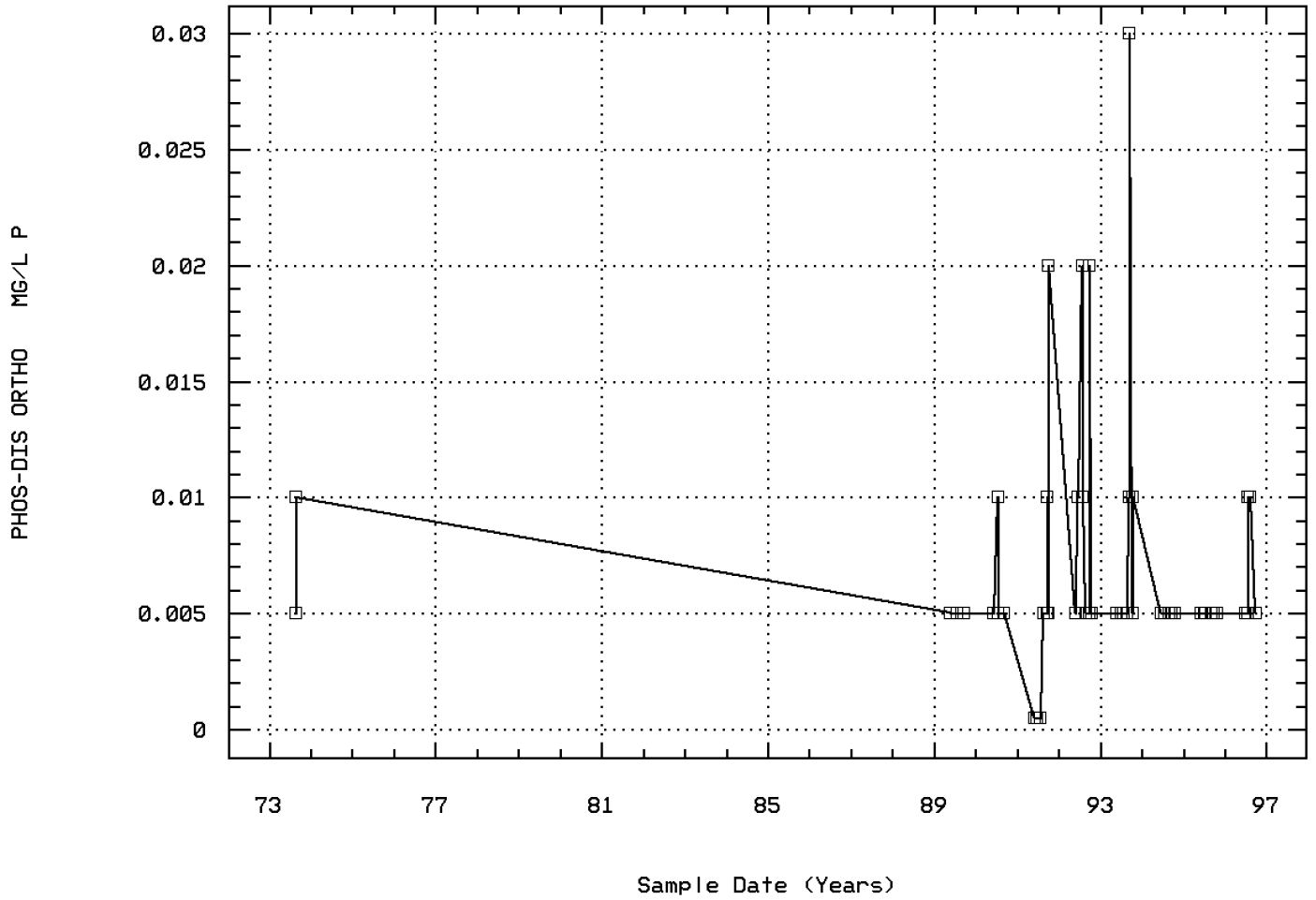
LAKE GRANBY NEAR GRANBY, CO.



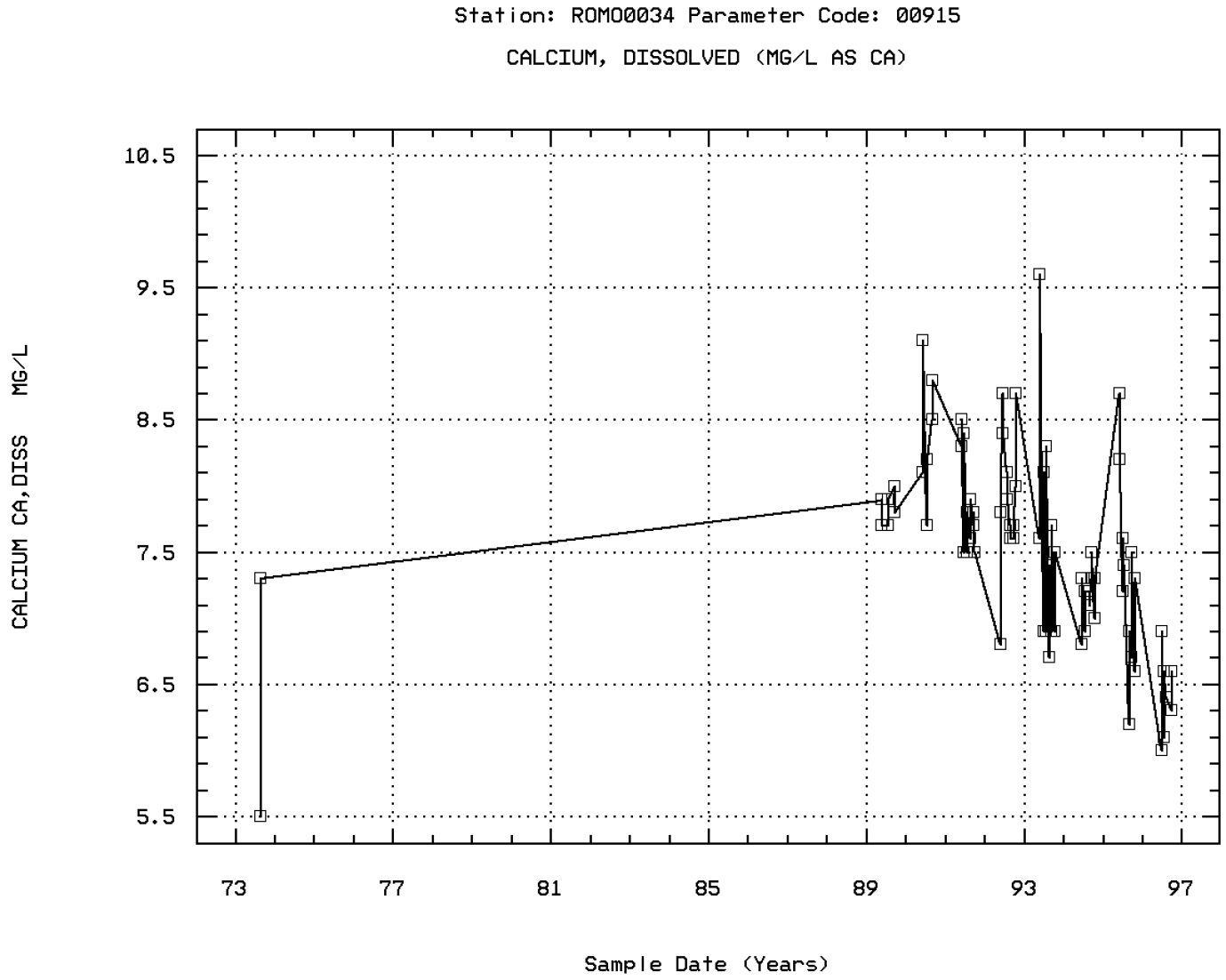
LAKE GRANBY NEAR GRANBY, CO.

Station: ROMO0034 Parameter Code: 00671

PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (M



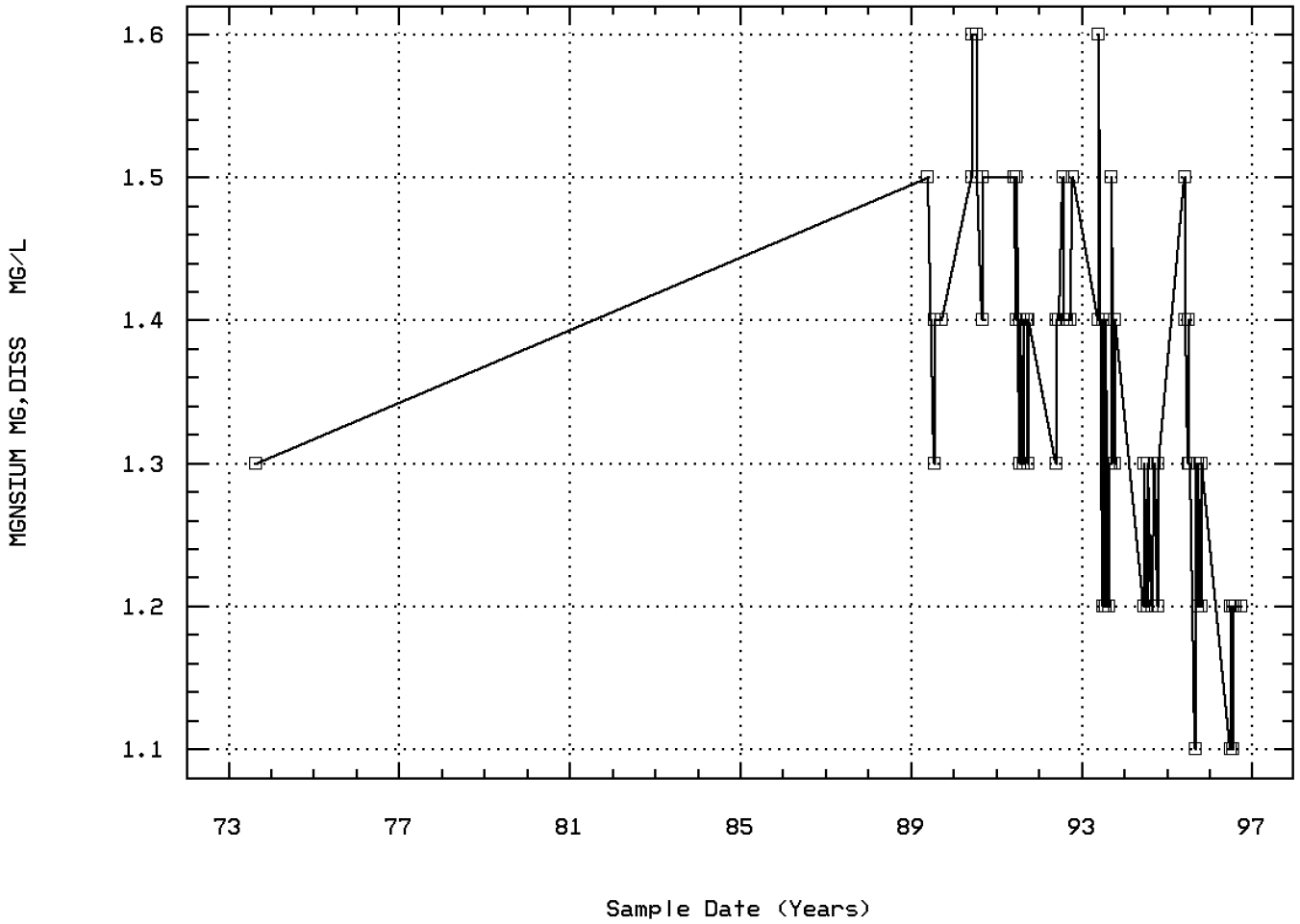
LAKE GRANBY NEAR GRANBY, CO.



LAKE GRANBY NEAR GRANBY, CO.

Station: ROMO0034 Parameter Code: 00925

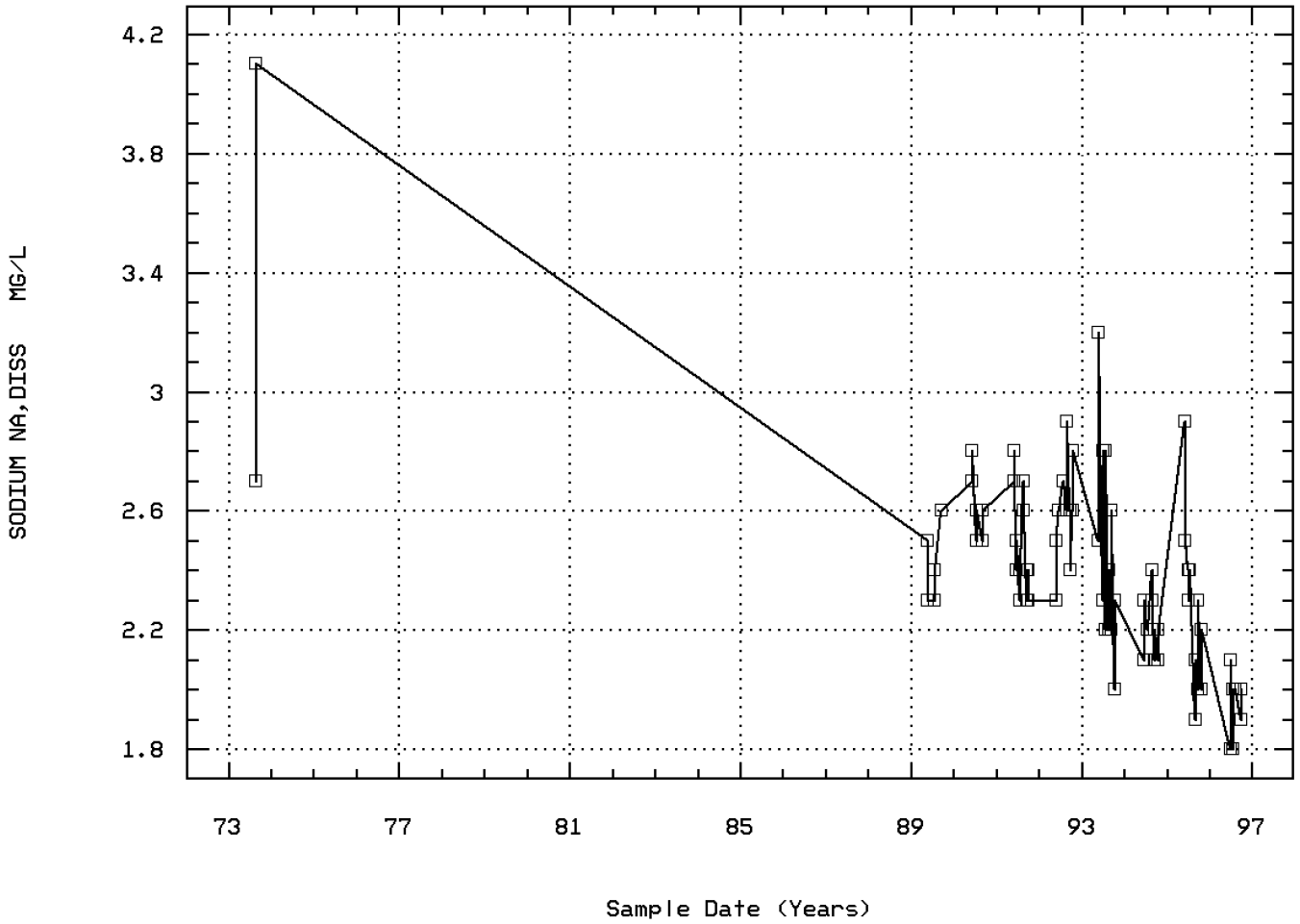
MAGNESIUM, DISSOLVED (MG/L AS MG)



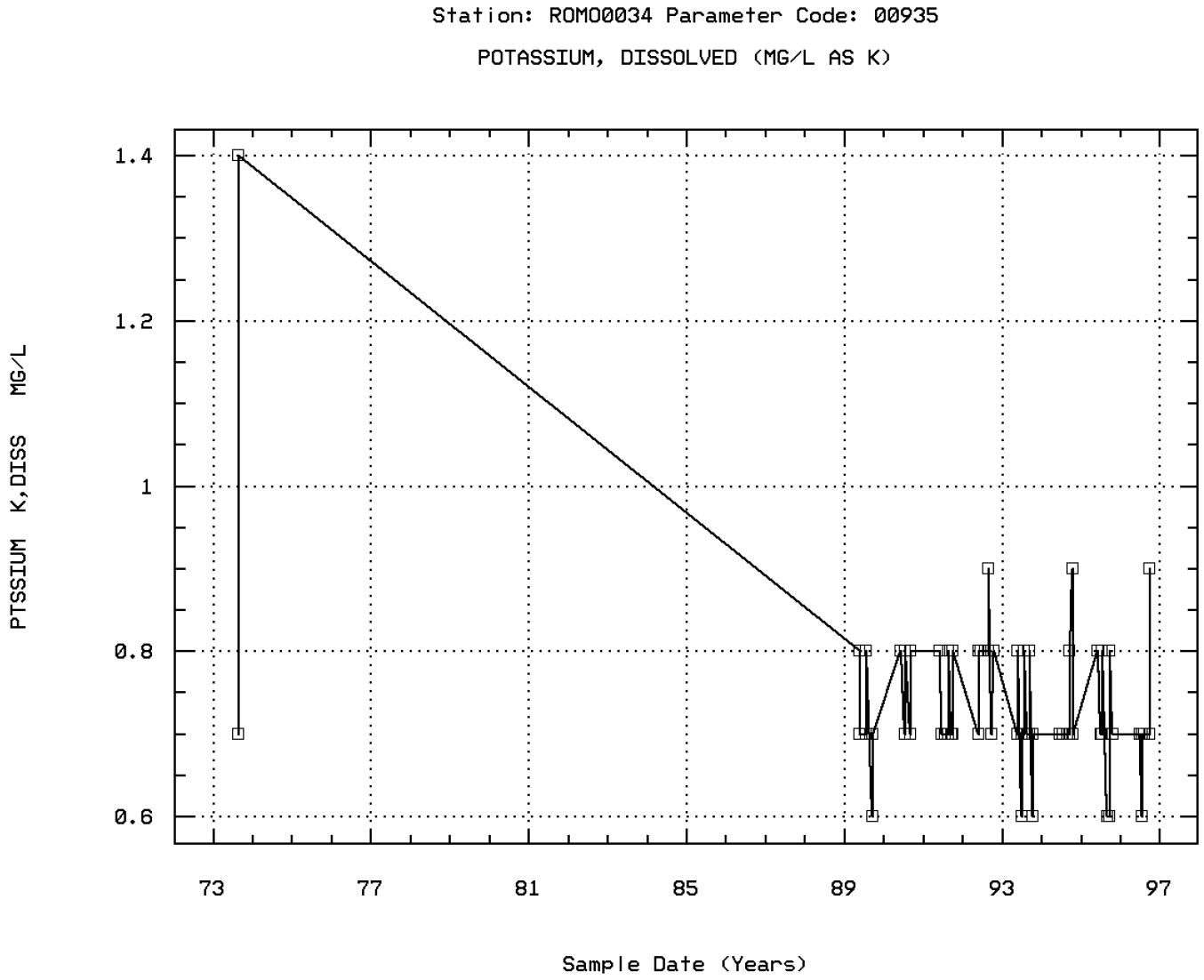
LAKE GRANBY NEAR GRANBY, CO.

Station: ROMO0034 Parameter Code: 00930

SODIUM, DISSOLVED (MG/L AS NA)



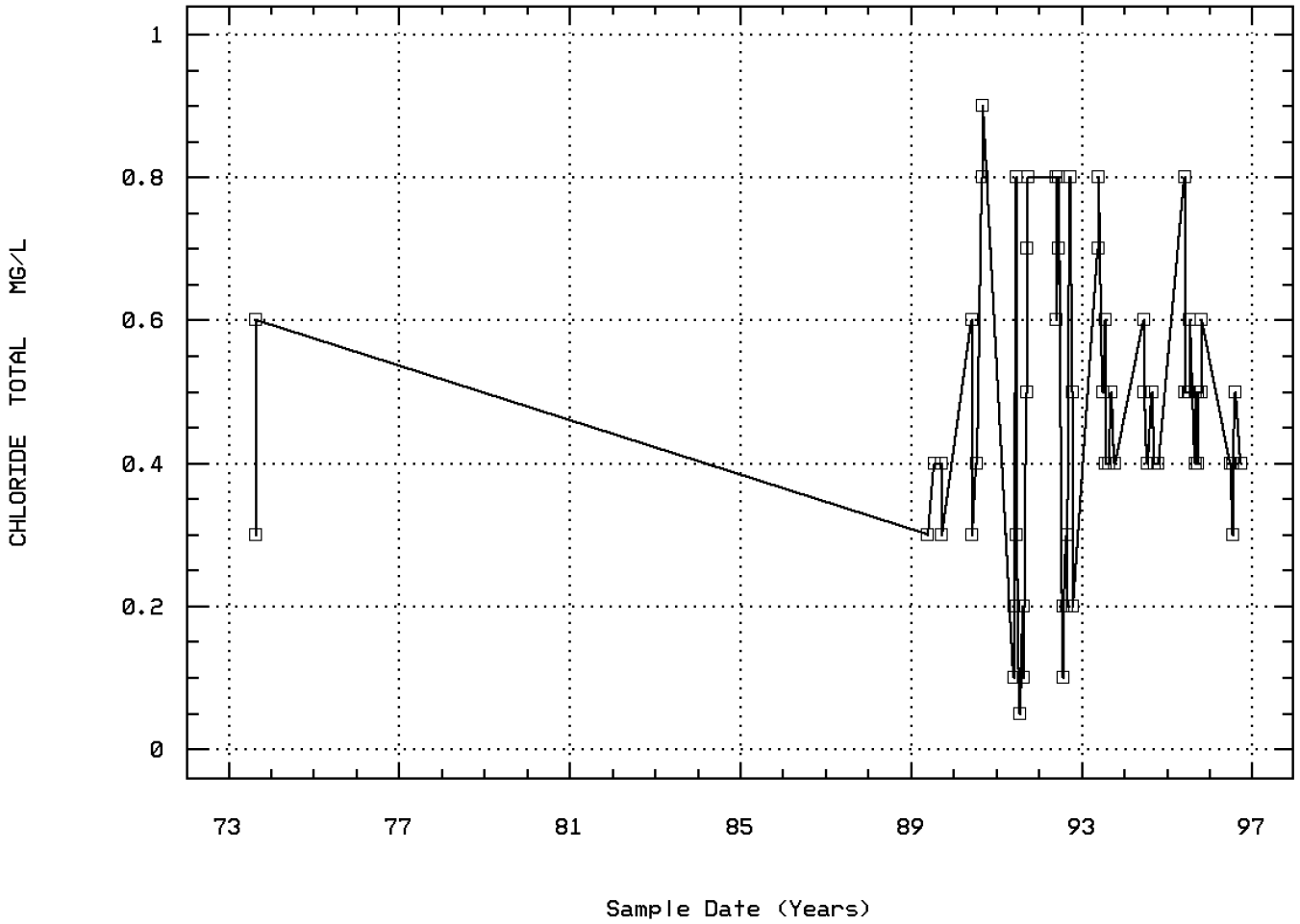
LAKE GRANBY NEAR GRANBY, CO.



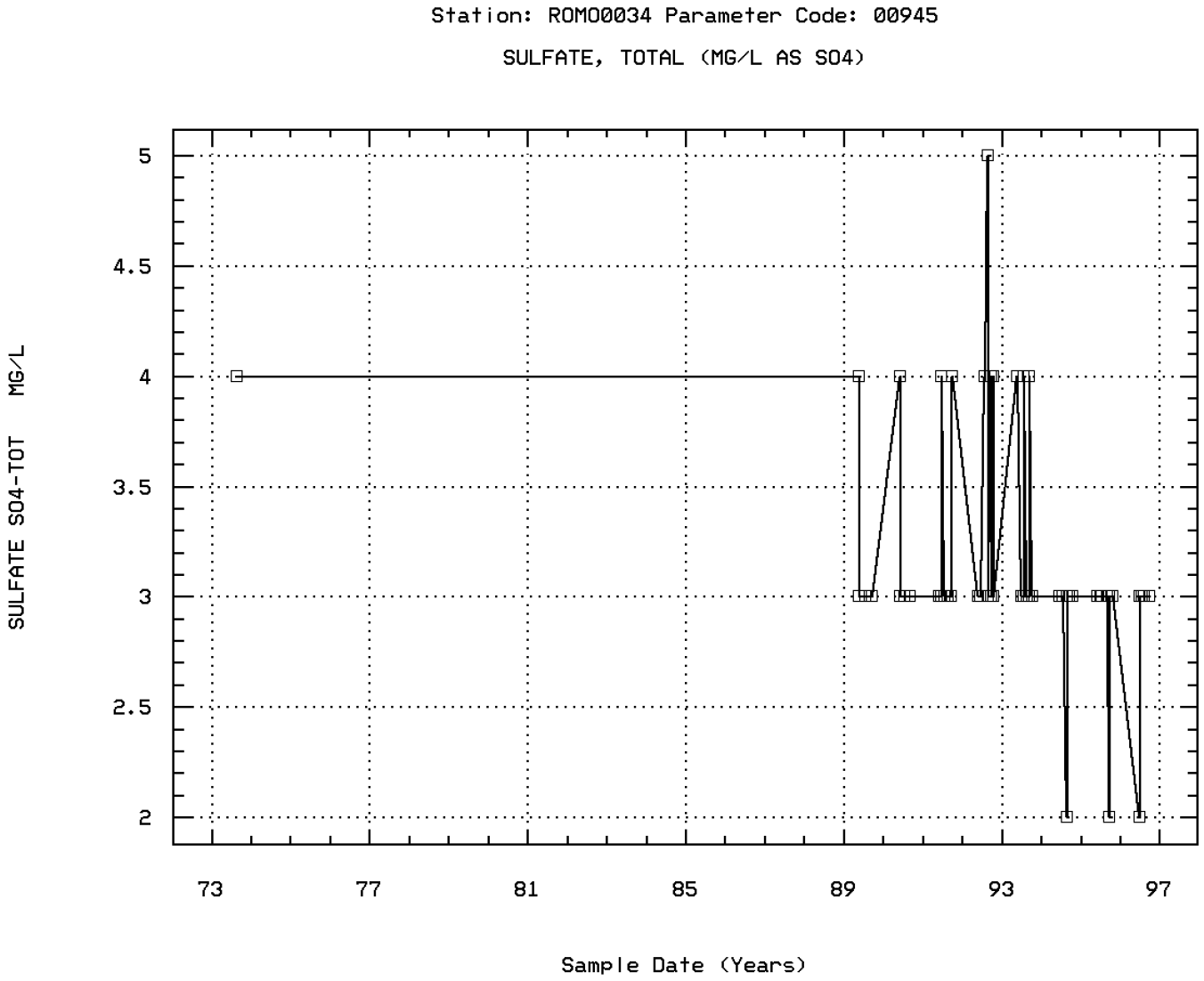
LAKE GRANBY NEAR GRANBY, CO.

Station: ROMO0034 Parameter Code: 00940

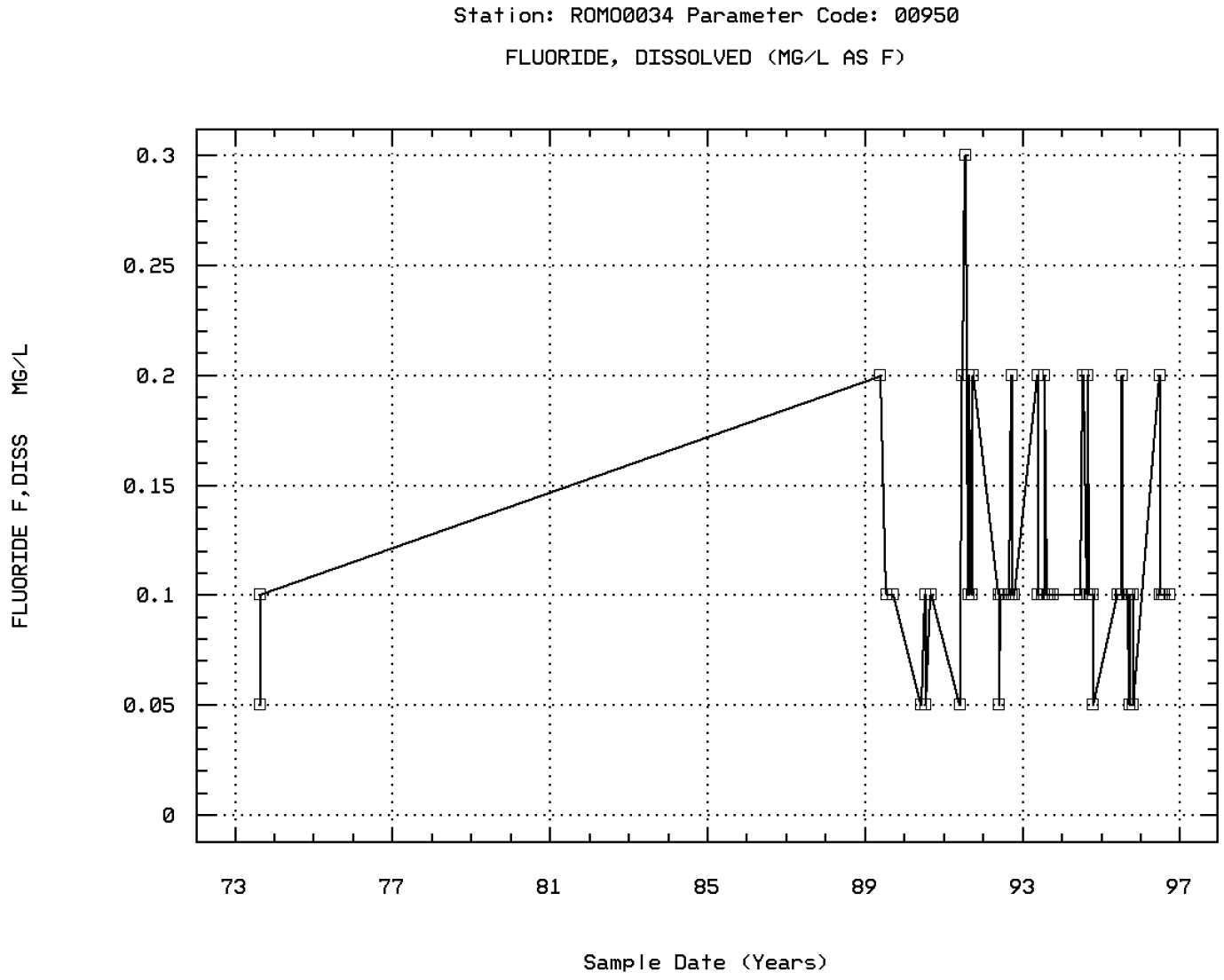
CHLORIDE,TOTAL IN WATER



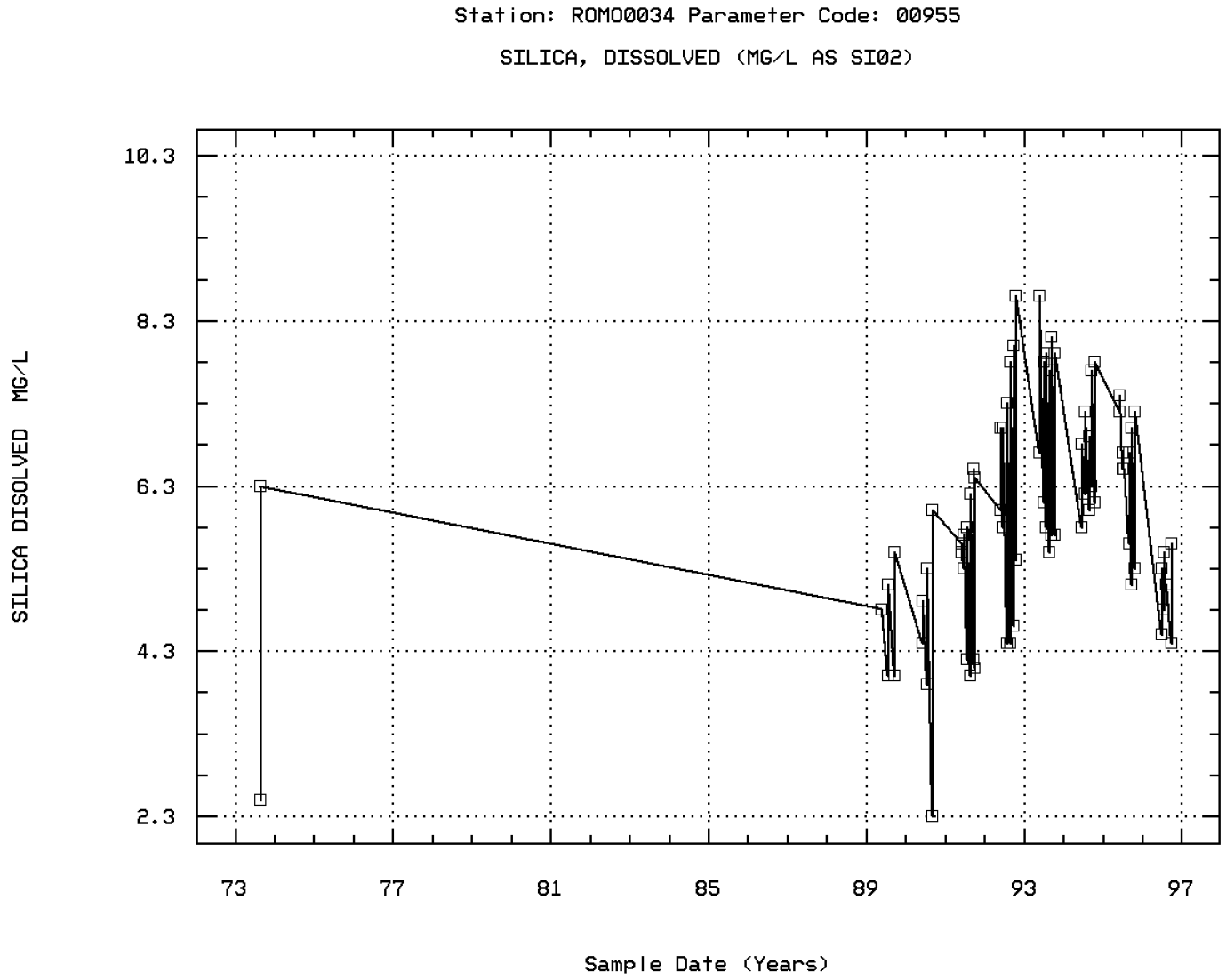
LAKE GRANBY NEAR GRANBY, CO.



LAKE GRANBY NEAR GRANBY, CO.



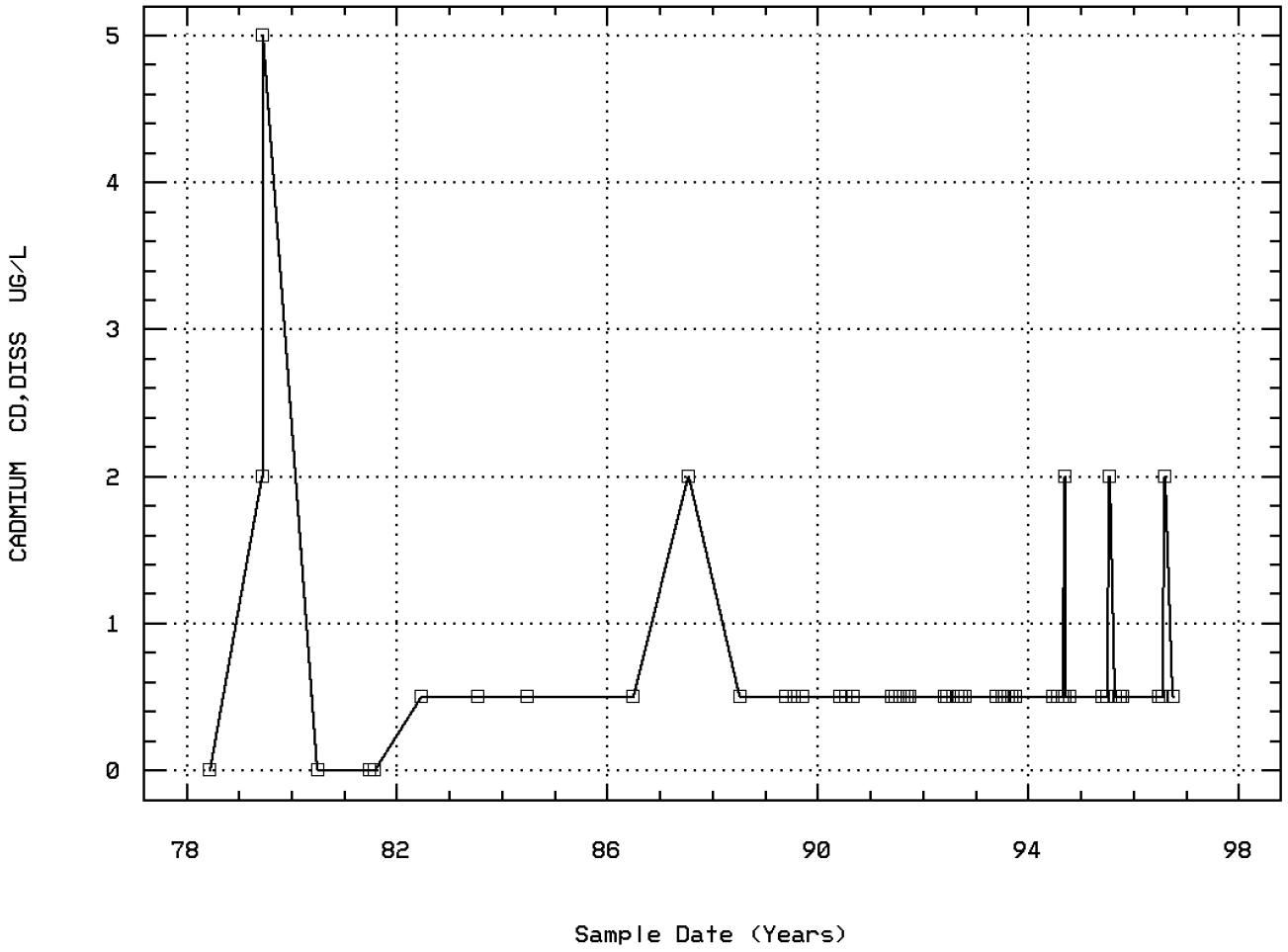
LAKE GRANBY NEAR GRANBY, CO.



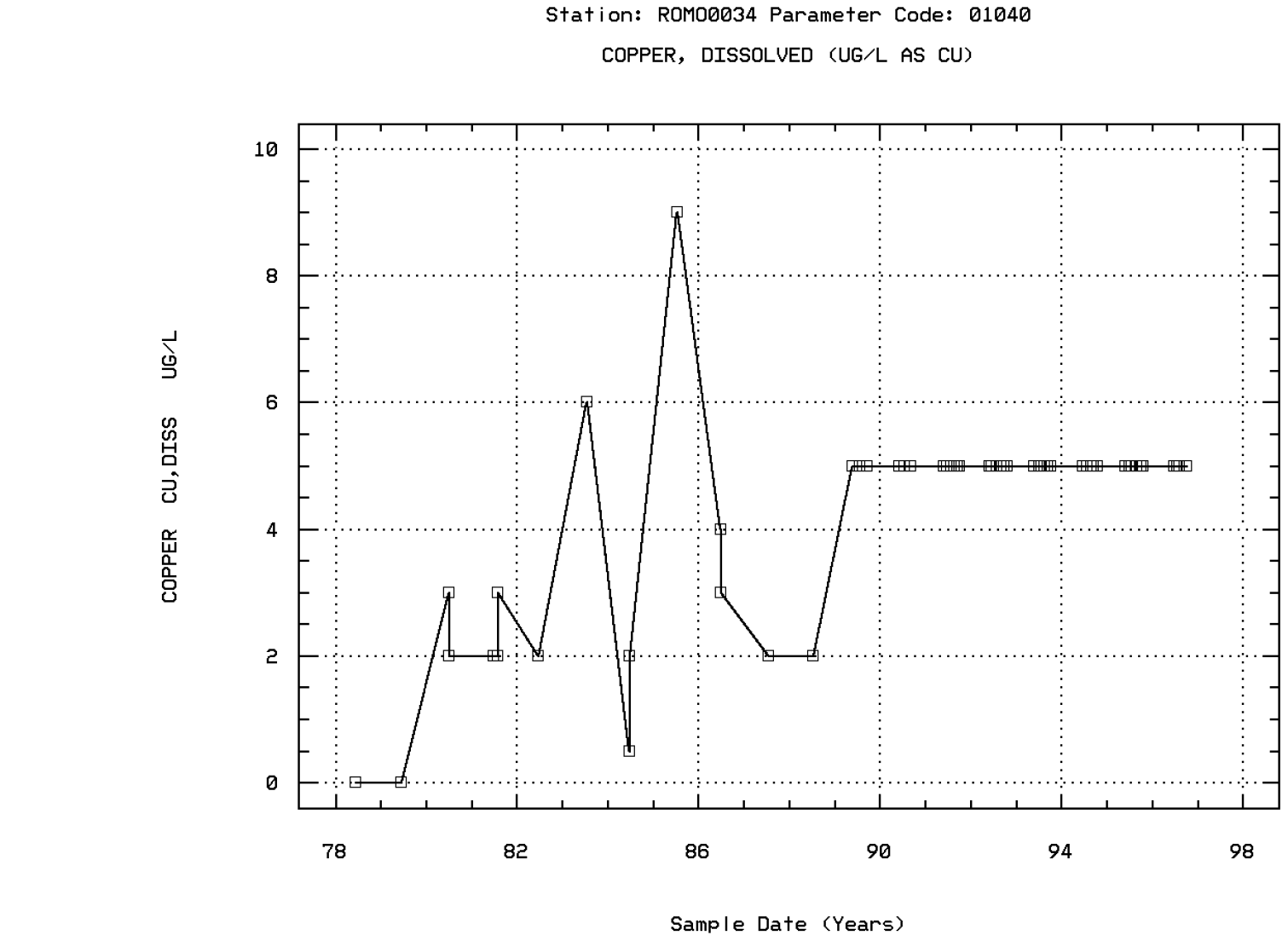
LAKE GRANBY NEAR GRANBY, CO.

Station: ROMO0034 Parameter Code: 01025

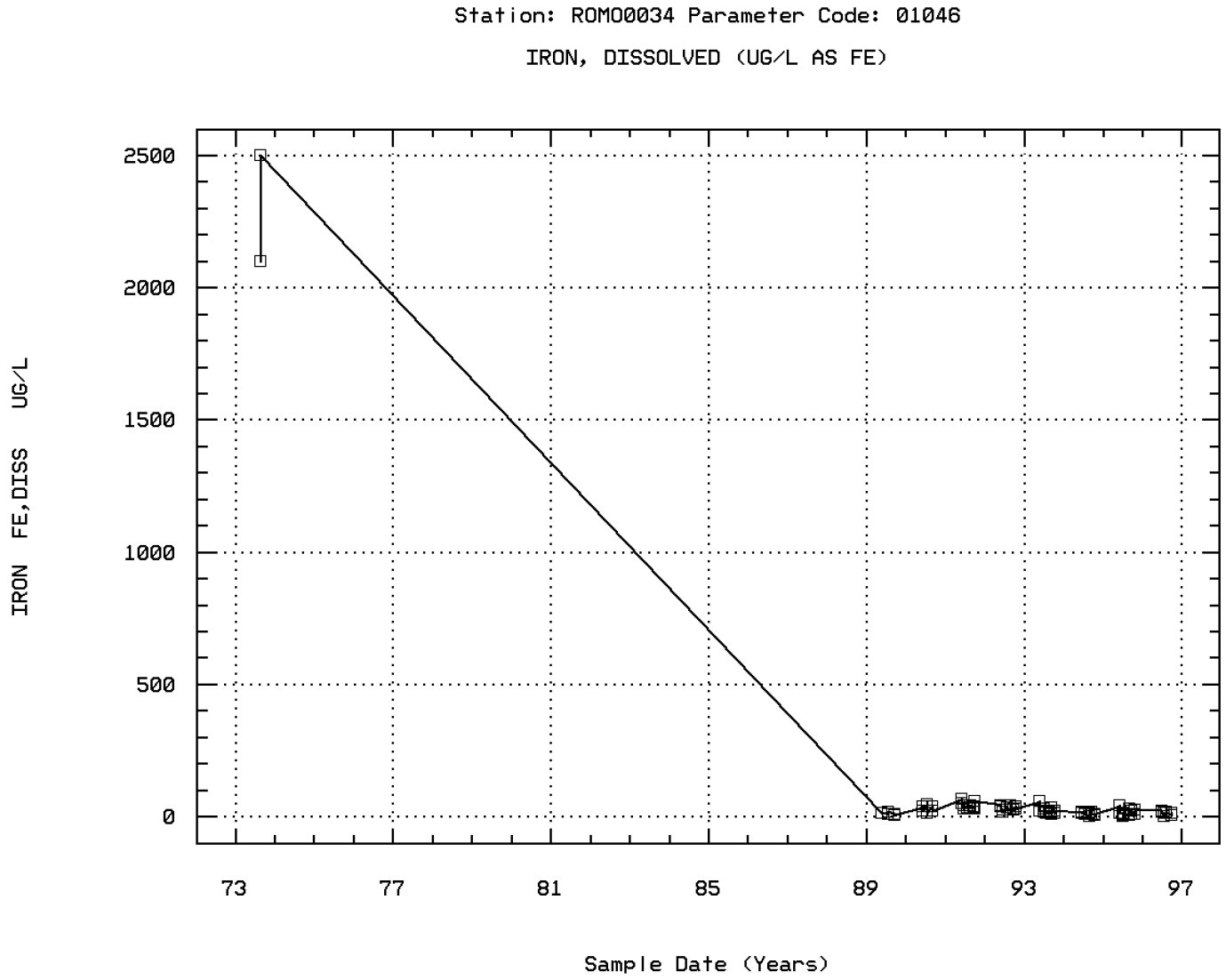
CADMIUM, DISSOLVED (UG/L AS CD)



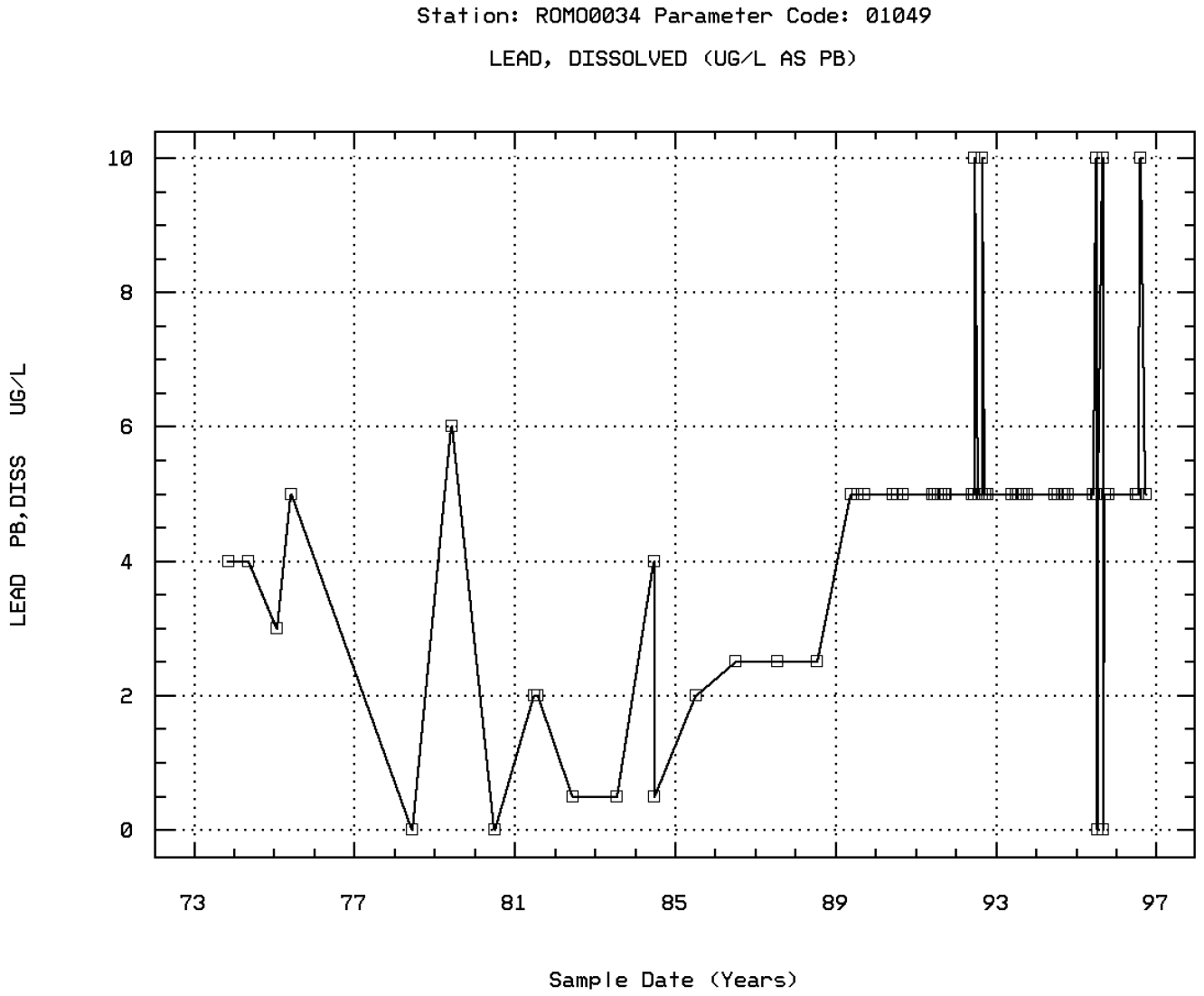
LAKE GRANBY NEAR GRANBY, CO.



LAKE GRANBY NEAR GRANBY, CO.



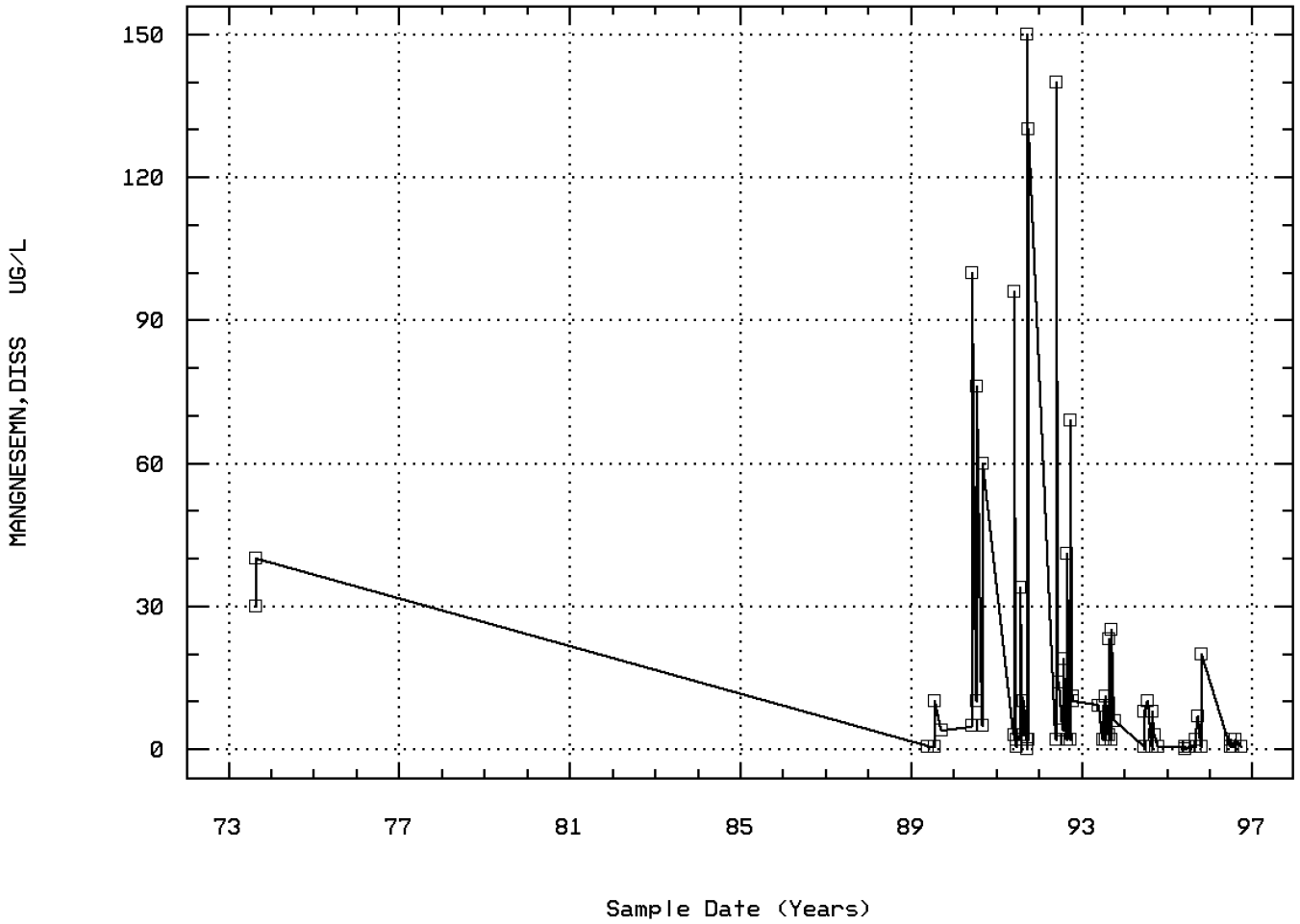
LAKE GRANBY NEAR GRANBY, CO.



LAKE GRANBY NEAR GRANBY, CO.

Station: ROMO0034 Parameter Code: 01056

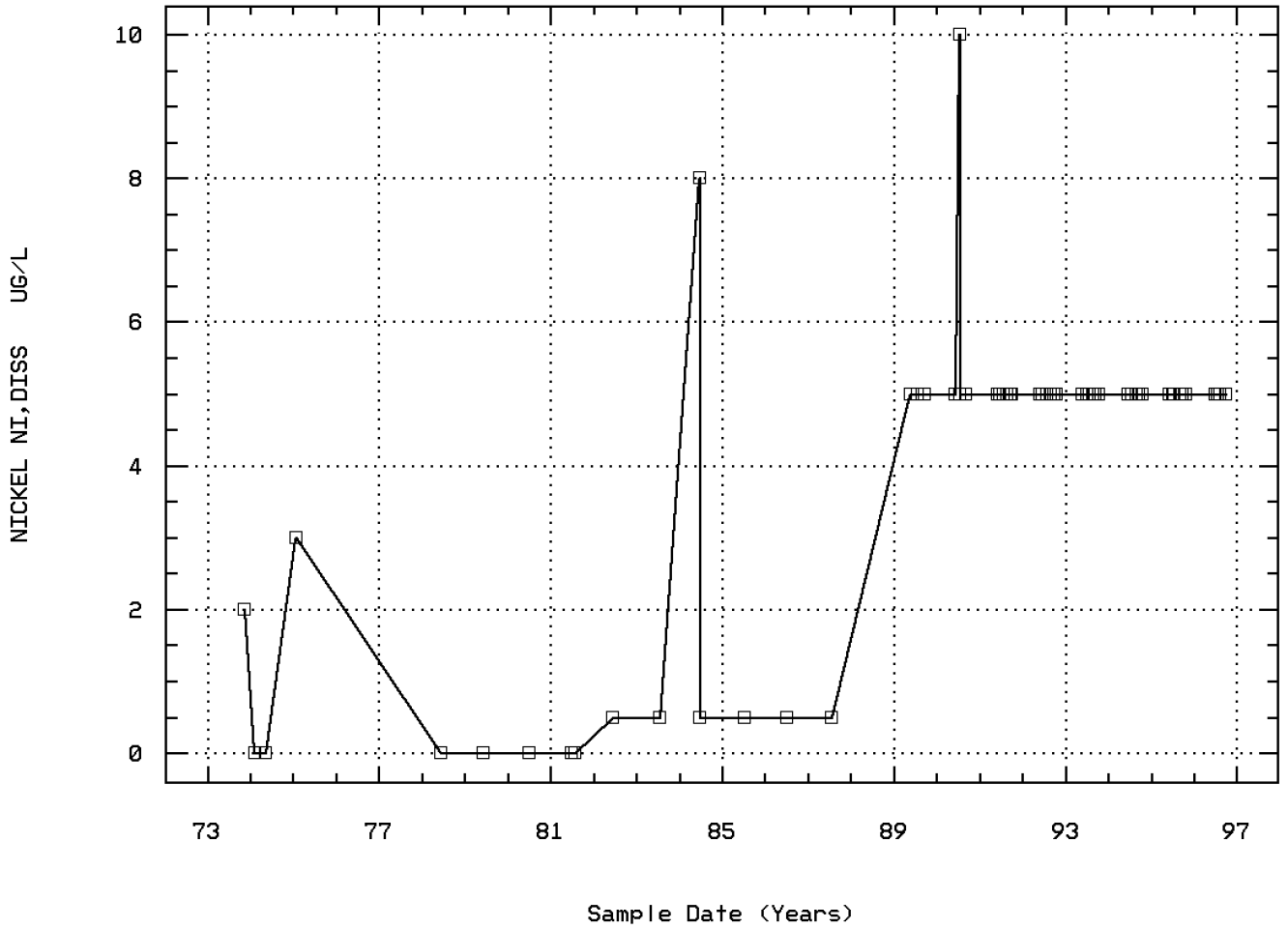
MANGANESE, DISSOLVED (UG/L AS MN)



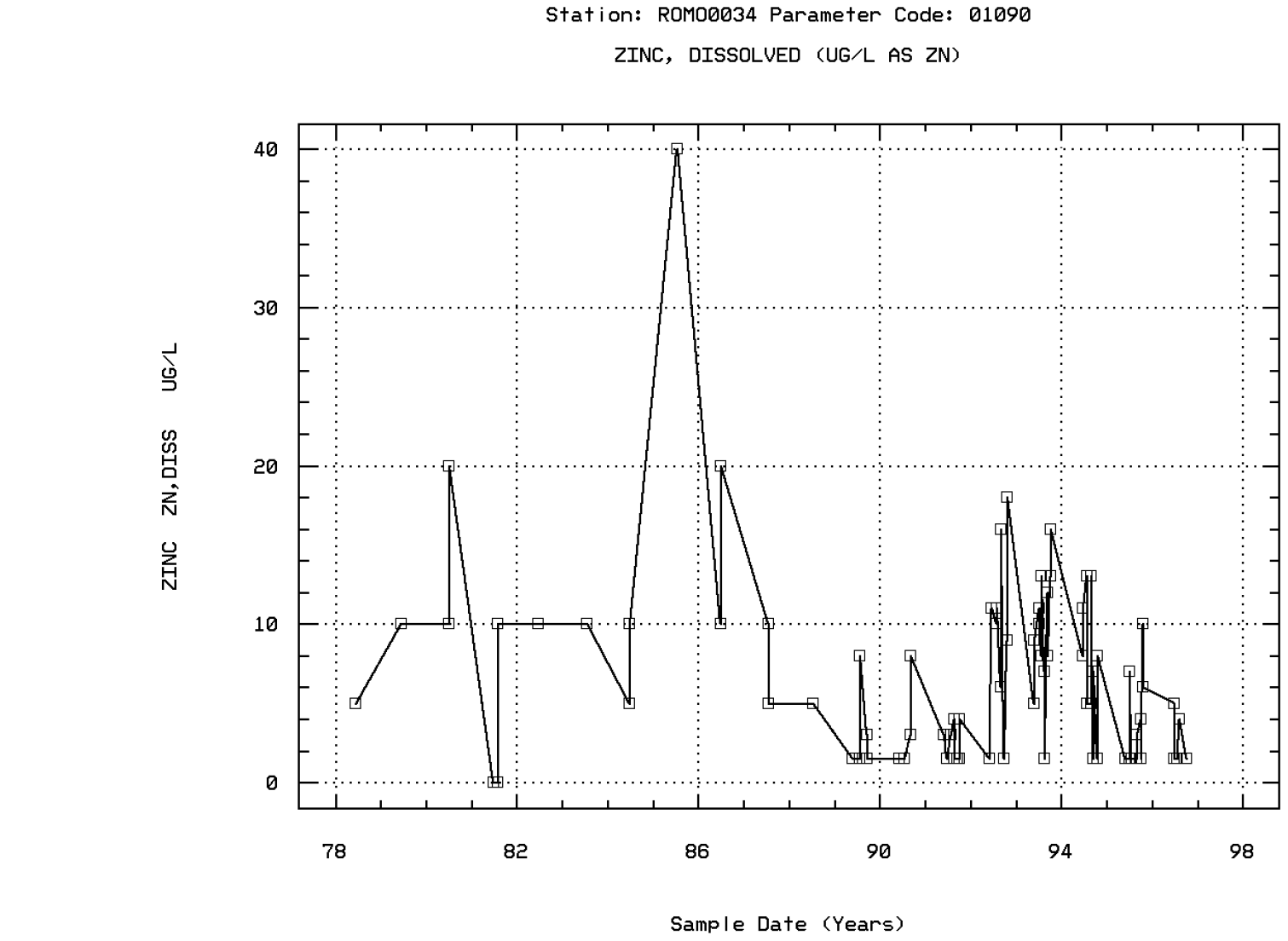
LAKE GRANBY NEAR GRANBY, CO.

Station: ROMO0034 Parameter Code: 01065

NICKEL, DISSOLVED (UG/L AS NI)



LAKE GRANBY NEAR GRANBY, CO.



LAKE GRANBY NEAR GRANBY, CO.

Annual Analysis for 1955 - Station ROMO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/27/55-10/01/96	1	60.	60.	60.	60.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/27/55-10/01/96	1	9.3	9.3	9.3	9.3	0.	0.	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/27/55-10/01/96	1	51.	51.	51.	51.	0.	0.	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/27/55-10/01/96	1	2.6	2.6	2.6	2.6	0.	0.	**	**	**	**
00400p	PH (STANDARD UNITS)	09/27/55-10/01/96	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	09/27/55-10/01/96	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/27/55-10/01/96	1	0.079	0.079	0.079	0.079	0.	0.	**	**	**	**

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

Annual Analysis for 1973 - Station ROMO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/27/55-10/01/96	14	28.	34.714	98.	2.	729.758	27.014	2.	19.	49.25	85.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/27/55-10/01/96	14	12.5	12.107	17.	6.5	16.238	4.03	6.75	7.75	16.25	17.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/27/55-10/01/96	14	50.5	51.357	57.	47.	13.478	3.671	47.	47.75	55.	57.
00300p	OXYGEN, DISSOLVED MG/L	09/27/55-10/01/96	14	5.65	6.079	8.	5.2	1.036	1.018	5.2	5.275	6.95	7.9
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/13/73-10/01/96	1	0.29	0.29	0.29	0.29	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/22/73-10/01/96	2 ##	0.04	0.04	0.05	0.03	0.	0.014	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/13/73-10/01/96	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/22/73-10/01/96	2	0.015	0.015	0.02	0.01	0.	0.007	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/22/73-10/01/96	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/22/73-10/01/96	2	6.4	6.4	7.3	5.5	1.62	1.273	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/22/73-10/01/96	2	1.15	1.15	1.3	1.	0.045	0.212	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/22/73-10/01/96	2	3.4	3.4	4.1	2.7	0.98	0.99	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/22/73-10/01/96	2	1.05	1.05	1.4	0.7	0.245	0.495	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/22/73-10/01/96	2	0.45	0.45	0.6	0.3	0.045	0.212	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/22/73-10/01/96	2	4.	4.	4.	4.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/22/73-10/01/96	2 ##	0.075	0.075	0.1	0.05	0.001	0.035	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/22/73-10/01/96	2	4.4	4.4	6.3	2.5	7.22	2.687	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/22/73-10/01/96	2	2300.	2300.	2500.	2100.	80000.	282.843	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	11/13/73-10/01/96	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/22/73-10/01/96	2	35.	35.	40.	30.	50.	7.071	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	11/13/73-10/01/96	1	2.	2.	2.	2.	0.	0.	**	**	**	**

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

Annual Analysis for 1974 - Station ROMO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/27/55-10/01/96	3	2.	2.	2.	2.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/27/55-10/01/96	2	8.5	8.5	12.	5.	24.5	4.95	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/27/55-10/01/96	3	60.	60.	60.	60.	0.	0.	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/27/55-10/01/96	3	9.	8.367	9.2	6.9	1.623	1.274	**	**	**	**
00400p	PH (STANDARD UNITS)	09/27/55-10/01/96	3	7.3	7.133	7.6	6.5	0.323	0.569	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	09/27/55-10/01/96	3	7.3	6.884	7.6	6.5	0.416	0.645	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/27/55-10/01/96	3	0.05	0.13	0.316	0.025	0.026	0.161	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/13/73-10/01/96	3	0.32	0.31	0.33	0.28	0.001	0.026	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/13/73-10/01/96	3	0.01	0.02	0.04	0.01	0.	0.017	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	11/13/73-10/01/96	3 ##	1.	2.	4.	1.	3.	1.732	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	11/13/73-10/01/96	3 ##	0.	0.333	1.	0.	0.333	0.577	**	**	**	**

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

Annual Analysis for 1975 - Station ROMO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/27/55-10/01/96	2	2.	2.	2.	2.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/27/55-10/01/96	2	2.75	2.75	5.5	0.	15.125	3.889	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/27/55-10/01/96	2 ##	42.5	42.5	60.	25.	612.5	24.749	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/27/55-10/01/96	2	9.5	9.5	10.4	8.6	1.62	1.273	**	**	**	**
00400p	PH (STANDARD UNITS)	09/27/55-10/01/96	2	6.35	6.35	7.	5.7	0.845	0.919	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	09/27/55-10/01/96	2	5.98	5.98	7.	5.7	1.119	1.058	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/27/55-10/01/96	2	1.048	1.048	1.995	0.1	1.796	1.34	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/13/73-10/01/96	2	2.055	2.055	3.8	0.31	6.09	2.468	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/13/73-10/01/96	2	0.015	0.015	0.02	0.01	0.	0.007	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	11/13/73-10/01/96	2	4.	4.	5.	3.	2.	1.414	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	11/13/73-10/01/96	2 ##	2.	2.	3.	1.	2.	1.414	**	**	**	**

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

Annual Analysis for 1978 - Station ROMO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/27/55-10/01/96	14	45.	46.929	100.	2.	1072.841	32.754	3.5	17.5	76.25	95.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/27/55-10/01/96	14	8.5	8.75	12.	6.	5.99	2.448	6.	6.375	11.25	12.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/27/55-10/01/96	1	65.	65.	65.	65.	0.	0.	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/27/55-10/01/96	14	7.3	7.464	8.6	6.4	0.876	0.936	6.4	6.55	8.45	8.6
00400p	PH (STANDARD UNITS)	09/27/55-10/01/96	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	09/27/55-10/01/96	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/27/55-10/01/96	1	0.032	0.032	0.032	0.032	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/13/73-10/01/96	1	0.51	0.51	0.51	0.51	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/13/73-10/01/96	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	06/15/78-10/01/96	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	06/15/78-10/01/96	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	11/13/73-10/01/96	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	11/13/73-10/01/96	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	06/15/78-10/01/96	1	5.	5.	5.	5.	0.	0.	**	**	**	**

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

Annual Analysis for 1979 - Station ROMO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/27/55-10/01/96	14	45.	46.929	100.	2.	1072.841	32.754	3.5	17.5	76.25	95.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/27/55-10/01/96	14	7.25	7.464	12.	5.	5.672	2.382	5.	5.	9.25	11.5
00300p	OXYGEN, DISSOLVED MG/L	09/27/55-10/01/96	14	7.4	7.364	8.6	6.2	0.818	0.904	6.3	6.5	8.125	8.6
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/13/73-10/01/96	2	0.305	0.305	0.31	0.3	0.	0.007	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/13/73-10/01/96	2	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	06/15/78-10/01/96	2	3.5	3.5	5.	2.	4.5	2.121	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	06/15/78-10/01/96	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	11/13/73-10/01/96	2 ##	3.5	3.5	6.	1.	12.5	3.536	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	11/13/73-10/01/96	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	06/15/78-10/01/96	2 ##	10.	10.	10.	10.	0.	0.	**	**	**	**

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

Annual Analysis for 1980 - Station ROMO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/27/55-10/01/96	18	65.	61.783	125.	0.1	1952.633	44.189	1.81	17.5	102.5	125.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/27/55-10/01/96	18	9.	10.472	16.5	6.	17.455	4.178	6.	6.5	15.125	16.05
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/27/55-10/01/96	1	50.	50.	50.	50.	0.	0.	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/27/55-10/01/96	18	6.4	6.739	8.	5.7	0.747	0.864	5.79	5.975	7.65	8.
00400p	PH (STANDARD UNITS)	09/27/55-10/01/96	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	09/27/55-10/01/96	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/27/55-10/01/96	1	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/13/73-10/01/96	2	0.37	0.37	0.4	0.34	0.002	0.042	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/13/73-10/01/96	2	0.035	0.035	0.05	0.02	0.	0.021	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	06/15/78-10/01/96	2	0.	0.	0.	0.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	06/15/78-10/01/96	2	2.5	2.5	3.	2.	0.5	0.707	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	11/13/73-10/01/96	2	0.	0.	0.	0.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	11/13/73-10/01/96	2	0.	0.	0.	0.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	06/15/78-10/01/96	2	15.	15.	20.	10.	50.	7.071	**	**	**	**

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Annual Analysis for 1981 - Station ROMO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/27/55-10/01/96	19	70.	67.163	136.	0.1	2032.728	45.086	5.	25.	110.	130.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/27/55-10/01/96	19	7.5	10.5	17.5	7.	18.806	4.337	7.	7.	15.5	17.5
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/27/55-10/01/96	3	65.	64.	66.	61.	7.	2.646	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/27/55-10/01/96	19	4.	4.826	7.4	2.	2.398	1.548	3.7	3.9	6.5	7.4
00400p	PH (STANDARD UNITS)	09/27/55-10/01/96	3	6.9	7.233	8.3	6.5	0.893	0.945	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	09/27/55-10/01/96	3	6.9	6.827	8.3	6.5	1.141	1.068	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/27/55-10/01/96	3	0.126	0.149	0.316	0.005	0.025	0.157	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/13/73-10/01/96	3	0.7	0.88	1.3	0.64	0.133	0.365	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/13/73-10/01/96	3	0.03	0.108	0.29	0.005	0.025	0.158	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	06/15/78-10/01/96	3	0.	0.333	1.	0.	0.333	0.577	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	06/15/78-10/01/96	3	2.	2.333	3.	2.	0.333	0.577	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	11/13/73-10/01/96	3	2.	2.	2.	2.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	11/13/73-10/01/96	3	0.	0.333	1.	0.	0.333	0.577	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	06/15/78-10/01/96	3	0.	3.333	10.	0.	33.333	5.774	**	**	**	**

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Annual Analysis for 1982 - Station ROMO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/27/55-10/01/96	20	72.5	70.855	139.	0.1	2197.705	46.88	5.5	26.25	117.5	137.2
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/27/55-10/01/96	20	6.25	7.775	12.	5.	7.355	2.712	5.05	5.5	10.875	12.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/27/55-10/01/96	2	68.5	68.5	72.	65.	24.5	4.95	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/27/55-10/01/96	20	6.5	7.27	9.5	5.5	2.38	1.543	5.52	5.85	9.075	9.39
00400p	PH (STANDARD UNITS)	09/27/55-10/01/96	2	7.15	7.15	7.6	6.7	0.405	0.636	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	09/27/55-10/01/96	2	6.95	6.95	7.6	6.7	0.485	0.697	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/27/55-10/01/96	2	0.112	0.112	0.2	0.025	0.015	0.123	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/13/73-10/01/96	2	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/13/73-10/01/96	2	0.07	0.07	0.1	0.04	0.002	0.042	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	06/15/78-10/01/96	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	06/15/78-10/01/96	2	1.5	1.5	2.	1.	0.5	0.707	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	11/13/73-10/01/96	2 ##	0.75	0.75	1.	0.5	0.125	0.354	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	11/13/73-10/01/96	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	06/15/78-10/01/96	2	10.	10.	10.	10.	0.	0.	**	**	**	**

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Annual Analysis for 1983 - Station ROMO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/27/55-10/01/96	21	70.	68.195	150.	0.1	2412.08	49.113	2.6	22.5	115.	138.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/27/55-10/01/96	21	5.5	9.143	19.	5.	28.204	5.311	5.	5.	14.75	17.9
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/27/55-10/01/96	18	60.	51.944	65.	25.	253.35	15.917	25.	43.75	65.	65.
00300p	OXYGEN, DISSOLVED MG/L	09/27/55-10/01/96	21	5.3	5.633	6.8	4.8	0.682	0.826	4.8	4.8	6.45	6.78
00400p	PH (STANDARD UNITS)	09/27/55-10/01/96	18	7.65	7.694	8.	7.4	0.044	0.21	7.4	7.5	7.9	8.
00400p	CONVERTED PH (STANDARD UNITS)	09/27/55-10/01/96	18	7.647	7.649	8.	7.4	0.046	0.215	7.4	7.5	7.9	8.
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/27/55-10/01/96	18	0.023	0.022	0.04	0.01	0.	0.01	0.01	0.013	0.032	0.04
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/13/73-10/01/96	2	0.45	0.45	0.5	0.4	0.005	0.071	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/13/73-10/01/96	2	0.025	0.025	0.03	0.02	0.	0.007	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	06/15/78-10/01/96	2 ##	0.75	0.75	1.	0.5	0.125	0.354	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	06/15/78-10/01/96	2	3.5	3.5	6.	1.	12.5	3.536	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	11/13/73-10/01/96	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	11/13/73-10/01/96	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	06/15/78-10/01/96	2	10.	10.	10.	10.	0.	0.	**	**	**	**

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Annual Analysis for 1984 - Station ROMO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/27/55-10/01/96	20	72.5	71.505	150.	0.1	2296.879	47.926	5.5	26.25	117.5	139.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/27/55-10/01/96	20	6.25	8.1	14.	6.	8.884	2.981	6.	6.	10.125	13.95
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/27/55-10/01/96	20	44.	44.4	52.	44.	3.2	1.789	44.	44.	44.	44.
00300p	OXYGEN, DISSOLVED MG/L	09/27/55-10/01/96	20	6.9	7.205	8.8	6.4	0.71	0.843	6.41	6.5	7.925	8.69
00400p	PH (STANDARD UNITS)	09/27/55-10/01/96	20	7.6	7.56	7.6	6.8	0.032	0.179	7.6	7.6	7.6	7.6
00400p	CONVERTED PH (STANDARD UNITS)	09/27/55-10/01/96	20	7.6	7.498	7.6	6.8	0.036	0.19	7.6	7.6	7.6	7.6
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/27/55-10/01/96	20	0.025	0.032	0.158	0.025	0.001	0.03	0.025	0.025	0.025	0.025
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/13/73-10/01/96	2 ##	0.2	0.2	0.3	0.1	0.02	0.141	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/13/73-10/01/96	2	0.015	0.015	0.02	0.01	0.	0.007	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	06/15/78-10/01/96	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	06/15/78-10/01/96	2 ##	1.25	1.25	2.	0.5	1.125	1.061	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	11/13/73-10/01/96	2 ##	2.25	2.25	4.	0.5	6.125	2.475	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	11/13/73-10/01/96	2 ##	4.25	4.25	8.	0.5	28.125	5.303	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	06/15/78-10/01/96	2 ##	7.5	7.5	10.	5.	12.5	3.536	**	**	**	**

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Annual Analysis for 1985 - Station ROMO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/27/55-10/01/96	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/27/55-10/01/96	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/27/55-10/01/96	1	8.6	8.6	8.6	8.6	0.	0.	**	**	**	**
00400p	PH (STANDARD UNITS)	09/27/55-10/01/96	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	09/27/55-10/01/96	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/27/55-10/01/96	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/13/73-10/01/96	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/13/73-10/01/96	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	06/15/78-10/01/96	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	06/15/78-10/01/96	1	9.	9.	9.	9.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	11/13/73-10/01/96	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	11/13/73-10/01/96	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	06/15/78-10/01/96	1	40.	40.	40.	40.	0.	0.	**	**	**	**

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Annual Analysis for 1986 - Station ROMO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/27/55-10/01/96	42	75.	75.243	150.	0.1	2415.062	49.143	6.5	28.75	121.25	147.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/27/55-10/01/96	22	5.75	9.023	17.	5.	22.511	4.745	5.	5.375	14.375	16.7
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/27/55-10/01/96	22	45.5	46.773	60.	39.	41.327	6.429	40.	41.75	49.25	60.
00300p	OXYGEN, DISSOLVED MG/L	09/27/55-10/01/96	22	5.6	5.923	7.	5.	0.472	0.687	5.3	5.375	6.75	6.9
00400p	PH (STANDARD UNITS)	09/27/55-10/01/96	21	7.	7.09	8.3	6.	0.746	0.864	6.02	6.2	8.05	8.26
00400p	CONVERTED PH (STANDARD UNITS)	09/27/55-10/01/96	21	7.	6.526	8.3	6.	1.081	1.04	6.02	6.2	8.05	8.26
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/27/55-10/01/96	21	0.1	0.298	1.	0.005	0.128	0.357	0.006	0.009	0.631	0.959
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/13/73-10/01/96	2	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/13/73-10/01/96	2	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	06/15/78-10/01/96	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	06/15/78-10/01/96	2	3.5	3.5	4.	3.	0.5	0.707	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	11/13/73-10/01/96	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	11/13/73-10/01/96	2 ##	0.75	0.75	1.	0.5	0.125	0.354	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	06/15/78-10/01/96	2	15.	15.	20.	10.	50.	7.071	**	**	**	**

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Annual Analysis for 1987 - Station ROMO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/27/55-10/01/96	46	75.	77.178	170.	0.1	2827.817	53.177	8.5	25.	125.	153.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/27/55-10/01/96	25	5.5	8.712	16.2	5.1	21.976	4.688	5.16	5.2	14.6	16.08
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/27/55-10/01/96	2	51.	51.	52.	50.	2.	1.414	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/27/55-10/01/96	25	4.7	5.524	7.6	4.5	1.683	1.297	4.5	4.6	7.2	7.5
00400p	PH (STANDARD UNITS)	09/27/55-10/01/96	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	09/27/55-10/01/96	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/27/55-10/01/96	1	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/13/73-10/01/96	2	0.65	0.65	0.8	0.5	0.045	0.212	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/13/73-10/01/96	2	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	06/15/78-10/01/96	2	1.5	1.5	2.	1.	0.5	0.707	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	06/15/78-10/01/96	2	2.	2.	2.	2.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	11/13/73-10/01/96	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	11/13/73-10/01/96	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	06/15/78-10/01/96	2 ##	7.5	7.5	10.	5.	12.5	3.536	**	**	**	**

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Annual Analysis for 1988 - Station ROMO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/27/55-10/01/96	26	77.5	80.781	170.	0.1	3541.447	59.51	0.1	23.75	132.5	170.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/27/55-10/01/96	24	6.	9.038	19.	5.	27.377	5.232	5.2	5.3	13.475	18.35
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/27/55-10/01/96	2	59.5	59.5	60.	59.	0.5	0.707	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/27/55-10/01/96	24	5.1	5.725	7.8	5.	1.092	1.045	5.	5.	6.125	7.7
00400p	PH (STANDARD UNITS)	09/27/55-10/01/96	24	7.1	7.371	8.4	7.	0.262	0.512	7.	7.	7.65	8.35
00400p	CONVERTED PH (STANDARD UNITS)	09/27/55-10/01/96	24	7.1	7.192	8.4	7.	0.296	0.544	7.	7.	7.65	8.35
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/27/55-10/01/96	24	0.079	0.064	0.1	0.004	0.001	0.038	0.004	0.023	0.1	0.1
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/13/73-10/01/96	4 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/13/73-10/01/96	4	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	06/15/78-10/01/96	4 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	06/15/78-10/01/96	4	2.	2.	2.	2.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	11/13/73-10/01/96	4 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	11/13/73-10/01/96	4	1.	1.	1.	1.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	06/15/78-10/01/96	4 ##	5.	5.	5.	5.	0.	0.	**	**	**	**

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

Annual Analysis for 1989 - Station ROMO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/27/55-10/01/96	60	60.	61.545	150.	0.1	2079.167	45.598	0.1	20.	100.	120.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/27/55-10/01/96	60	8.15	9.753	18.6	4.8	17.619	4.197	5.02	7.4	14.1	17.84
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/27/55-10/01/96	60	59.	58.5	63.	53.	10.661	3.265	53.1	56.	61.	63.
00300p	OXYGEN, DISSOLVED MG/L	09/27/55-10/01/96	58	7.1	5.093	9.1	0.	11.307	3.363	0.	1.875	7.9	8.81
00400p	PH (STANDARD UNITS)	09/27/55-10/01/96	60	7.3	7.487	8.5	6.7	0.267	0.516	6.82	7.1	7.925	8.37
00400p	CONVERTED PH (STANDARD UNITS)	09/27/55-10/01/96	60	7.3	7.258	8.5	6.7	0.32	0.565	6.82	7.1	7.925	8.37
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/27/55-10/01/96	60	0.05	0.055	0.2	0.003	0.002	0.049	0.004	0.012	0.079	0.153
00403	PH, LAB, STANDARD UNITS SU	05/24/89-10/01/96	8	7.75	7.787	8.4	7.2	0.173	0.416	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	05/24/89-10/01/96	8	7.725	7.634	8.4	7.2	0.199	0.447	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/24/89-10/01/96	8	0.019	0.023	0.063	0.004	0.	0.02	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	05/24/89-10/01/96	8	0.01	0.016	0.03	0.005	0.	0.01	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/24/89-10/01/96	8 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/13/73-10/01/96	8 ##	0.1	0.138	0.3	0.1	0.006	0.074	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/22/73-10/01/96	8 ##	0.05	0.056	0.1	0.05	0.	0.018	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/13/73-10/01/96	8 ##	0.005	0.008	0.02	0.005	0.	0.005	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/22/73-10/01/96	8 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/22/73-10/01/96	8 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/22/73-10/01/96	8	7.85	7.825	8.	7.7	0.014	0.116	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/22/73-10/01/96	8	1.45	1.438	1.5	1.3	0.006	0.074	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/22/73-10/01/96	8	2.45	2.438	2.6	2.3	0.017	0.13	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/22/73-10/01/96	8	0.7	0.725	0.8	0.6	0.005	0.071	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/22/73-10/01/96	8	0.3	0.338	0.4	0.3	0.003	0.052	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/22/73-10/01/96	8	3.	3.25	4.	3.	0.214	0.463	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/22/73-10/01/96	8	0.15	0.15	0.2	0.1	0.003	0.053	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/22/73-10/01/96	8	4.8	4.725	5.5	4.	0.259	0.509	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	05/24/89-10/01/96	8	8.	7.625	8.	6.	0.554	0.744	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	05/24/89-10/01/96	8 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	05/24/89-10/01/96	8 ##	5.	6.875	20.	5.	28.125	5.303	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	06/15/78-10/01/96	8 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/24/89-10/01/96	8 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	05/24/89-10/01/96	8 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	06/15/78-10/01/96	8 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/22/73-10/01/96	8	11.	10.75	17.	6.	11.357	3.37	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	11/13/73-10/01/96	8 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/22/73-10/01/96	8 ##	0.5	2.188	10.	0.5	11.424	3.38	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	05/24/89-10/01/96	8 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	11/13/73-10/01/96	8 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	05/24/89-10/01/96	8 ##	0.5	2.063	6.	0.5	6.174	2.485	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	05/24/89-10/01/96	8	48.	48.25	50.	45.	2.5	1.581	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	05/24/89-10/01/96	8 ##	3.	3.	3.	3.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	06/15/78-10/01/96	8 ##	1.5	2.5	8.	1.5	5.214	2.283	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	05/24/89-10/01/96	8 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/24/89-10/01/96	8	42.5	42.25	51.	24.	73.643	8.582	**	**	**	**

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Annual Analysis for 1990 - Station ROMO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/27/55-10/01/96	58	60.	59.064	150.	0.1	1992.811	44.641	0.1	20.	90.	120.5
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/27/55-10/01/96	58	9.55	11.398	19.5	6.4	16.581	4.072	7.19	8.575	14.95	17.97
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/27/55-10/01/96	106	68.5	68.604	76.	59.	12.432	3.526	65.	66.	70.	74.
00300p	OXYGEN, DISSOLVED MG/L	09/27/55-10/01/96	72	3.5	3.743	8.5	0.	11.662	3.415	0.	0.	7.3	8.14
00400p	PH (STANDARD UNITS)	09/27/55-10/01/96	58	7.6	7.497	8.3	6.6	0.281	0.53	6.6	7.05	7.9	8.2
00400p	CONVERTED PH (STANDARD UNITS)	09/27/55-10/01/96	58	7.6	7.164	8.3	6.6	0.394	0.628	6.6	7.05	7.9	8.2
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/27/55-10/01/96	58	0.025	0.069	0.251	0.005	0.008	0.088	0.006	0.013	0.091	0.251
00403	PH, LAB, STANDARD UNITS SU	05/24/89-10/01/96	9	7.9	7.756	8.6	6.9	0.345	0.588	6.9	7.1	8.15	8.6

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Annual Analysis for 1990 - Station ROMO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403	CONVERTED PH, LAB, STANDARD UNITS	05/24/89-10/01/96	9	7.9	7.426	8.6	6.9	0.467	0.684	6.9	7.1	8.15	8.6
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/24/89-10/01/96	9	0.013	0.037	0.126	0.003	0.002	0.045	0.003	0.008	0.079	0.126
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	05/24/89-10/01/96	9	0.02	0.022	0.04	0.005	0.	0.014	0.005	0.01	0.035	0.04
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/24/89-10/01/96	9 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/13/73-10/01/96	9	0.3	0.344	0.5	0.2	0.013	0.113	0.2	0.25	0.45	0.5
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/22/73-10/01/96	9 ##	0.05	0.078	0.2	0.05	0.003	0.051	0.05	0.05	0.1	0.2
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/13/73-10/01/96	9	0.01	0.009	0.02	0.005	0.	0.005	0.005	0.005	0.01	0.02
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/22/73-10/01/96	9 ##	0.005	0.008	0.03	0.005	0.	0.008	0.005	0.005	0.005	0.03
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/22/73-10/01/96	9 ##	0.005	0.006	0.01	0.005	0.	0.002	0.005	0.005	0.008	0.01
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/22/73-10/01/96	9	8.2	8.378	9.1	7.7	0.287	0.536	7.7	7.9	8.95	9.1
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/22/73-10/01/96	9	1.5	1.533	1.6	1.4	0.005	0.071	1.4	1.5	1.6	1.6
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/22/73-10/01/96	9	2.6	2.622	2.8	2.5	0.014	0.12	2.5	2.5	2.75	2.8
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/22/73-10/01/96	9	0.8	0.767	0.8	0.7	0.003	0.05	0.7	0.7	0.8	0.8
00940	CHLORIDE,TOTAL IN WATER MG/L	08/22/73-10/01/96	9	0.4	0.5	0.9	0.3	0.048	0.218	0.3	0.35	0.7	0.9
00945	SULFATE, TOTAL (MG/L AS SO4)	08/22/73-10/01/96	9	3.	3.111	4.	3.	0.111	0.333	3.	3.	3.	4.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/22/73-10/01/96	9 ##	0.05	0.072	0.1	0.05	0.001	0.026	0.05	0.05	0.1	0.1
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/22/73-10/01/96	9	4.9	4.544	6.	2.3	1.175	1.084	2.3	3.9	5.3	6.
01005	BARIUM, DISSOLVED (UG/L AS BA)	05/24/89-10/01/96	9	8.	7.667	9.	4.	2.5	1.581	4.	7.	9.	9.
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	05/24/89-10/01/96	9 ##	0.25	0.25	0.25	0.25	0.	0.	0.25	0.25	0.25	0.25
01020	BORON, DISSOLVED (UG/L AS B)	05/24/89-10/01/96	9 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01025	CADMIUM, DISSOLVED (UG/L AS CD)	06/15/78-10/01/96	9 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/24/89-10/01/96	9 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
01035	COBALT, DISSOLVED (UG/L AS CO)	05/24/89-10/01/96	9 ##	1.5	1.5	1.5	1.5	0.	0.	1.5	1.5	1.5	1.5
01040	COPPER, DISSOLVED (UG/L AS CU)	06/15/78-10/01/96	9 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01046	IRON, DISSOLVED (UG/L AS FE)	08/22/73-10/01/96	9	21.	27.444	45.	11.	187.028	13.676	11.	15.	41.5	45.
01049	LEAD, DISSOLVED (UG/L AS PB)	11/13/73-10/01/96	9 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/22/73-10/01/96	9	60.	49.111	100.	5.	1711.861	41.375	5.	7.5	88.	100.
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	05/24/89-10/01/96	9 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01065	NICKEL, DISSOLVED (UG/L AS NI)	11/13/73-10/01/96	9 ##	5.	6.111	10.	5.	4.861	2.205	5.	5.	7.5	10.
01075	SILVER, DISSOLVED (UG/L AS AG)	05/24/89-10/01/96	9 ##	0.5	0.667	2.	0.5	0.25	0.5	0.5	0.5	0.5	2.
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	05/24/89-10/01/96	9	50.	50.667	56.	46.	14.75	3.841	46.	47.	55.	56.
01085	VANADIUM, DISSOLVED (UG/L AS V)	05/24/89-10/01/96	9 ##	3.	3.	3.	3.	0.	0.	3.	3.	3.	3.
01090	ZINC, DISSOLVED (UG/L AS ZN)	06/15/78-10/01/96	9 ##	1.5	2.389	8.	1.5	4.674	2.162	1.5	1.5	2.25	8.
01130	LITHIUM, DISSOLVED (UG/L AS LI)	05/24/89-10/01/96	9 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/24/89-10/01/96	9	34.	32.889	45.	0.	168.611	12.985	0.	33.	39.5	45.

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Annual Analysis for 1991 - Station ROMO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/27/55-10/01/96	128	50.	60.795	160.	0.1	2488.608	49.886	0.1	15.	100.	135.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/27/55-10/01/96	128	8.5	10.657	18.7	4.6	16.62	4.077	6.4	7.7	14.85	17.1
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/27/55-10/01/96	128	64.	64.352	75.	57.	10.45	3.233	61.	62.	66.	67.1
00300p	OXYGEN, DISSOLVED MG/L	09/27/55-10/01/96	128	6.15	5.329	9.8	1.5	5.379	2.319	2.08	3.3	7.075	8.32
00400p	PH (STANDARD UNITS)	09/27/55-10/01/96	90	7.6	7.479	8.2	1.6	0.917	0.958	7.	7.4	7.9	8.1
00400p	CONVERTED PH (STANDARD UNITS)	09/27/55-10/01/96	90	7.6	3.253	8.2	1.6	18.975	4.356	7.	7.4	7.9	8.1
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/27/55-10/01/96	90	0.025	558.23	25118.864	0.00613863	694.607	3723.398	0.008	0.013	0.04	0.1
00403	PH, LAB, STANDARD UNITS SU	05/24/89-10/01/96	24	7.6	7.575	8.2	7.1	0.099	0.315	7.1	7.325	7.775	8.05
00403	CONVERTED PH, LAB, STANDARD UNITS	05/24/89-10/01/96	24	7.6	7.471	8.2	7.1	0.111	0.332	7.1	7.325	7.775	8.05
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/24/89-10/01/96	24	0.025	0.034	0.079	0.006	0.001	0.024	0.009	0.017	0.048	0.079
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	05/24/89-10/01/96	24 ##	0.005	0.012	0.03	0.005	0.	0.01	0.005	0.005	0.02	0.03
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/24/89-10/01/96	24 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/13/73-10/01/96	24	0.3	0.275	0.4	0.1	0.011	0.103	0.1	0.2	0.375	0.4
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/22/73-10/01/96	24 ##	0.025	0.074	0.2	0.003	0.007	0.081	0.003	0.004	0.175	0.2
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/13/73-10/01/96	24	0.009	0.015	0.06	0.002	0.	0.016	0.003	0.005	0.02	0.04
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/22/73-10/01/96	12	0.01	0.013	0.02	0.005	0.	0.006	0.005	0.01	0.02	0.02

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Annual Analysis for 1991 - Station ROMO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/22/73-10/01/96	24 ##	0.003	0.004	0.02	0.001	0.	0.006	0.001	0.001	0.005	0.015
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/22/73-10/01/96	24	7.75	7.833	8.5	7.5	0.131	0.362	7.5	7.5	8.2	8.45
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/22/73-10/01/96	24	1.4	1.4	1.5	1.3	0.005	0.072	1.3	1.325	1.475	1.5
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/22/73-10/01/96	24	2.4	2.483	2.8	2.3	0.029	0.171	2.3	2.325	2.675	2.75
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/22/73-10/01/96	24	0.7	0.733	0.8	0.7	0.002	0.048	0.7	0.7	0.8	0.8
00940	CHLORIDE,TOTAL IN WATER MG/L	08/22/73-10/01/96	24	0.25	0.383	0.8	0.05	0.095	0.308	0.05	0.1	0.775	0.8
00945	SULFATE, TOTAL (MG/L AS SO4)	08/22/73-10/01/96	24	3.	3.25	4.	3.	0.196	0.442	3.	3.	3.75	4.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/22/73-10/01/96	24	0.2	0.167	0.3	0.05	0.007	0.084	0.05	0.1	0.2	0.3
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/22/73-10/01/96	24	5.55	5.292	6.5	4.	0.83	0.911	4.05	4.2	6.1	6.45
01005	BARIUM, DISSOLVED (UG/L AS BA)	05/24/89-10/01/96	24	8.	8.167	9.	7.	0.667	0.816	7.	7.25	9.	9.
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	05/24/89-10/01/96	24 ##	0.25	0.308	0.6	0.25	0.018	0.133	0.25	0.25	0.25	0.6
01020	BORON, DISSOLVED (UG/L AS B)	05/24/89-10/01/96	24 ##	5.	5.833	10.	5.	3.623	1.903	5.	5.	5.	10.
01025	CADMIUM, DISSOLVED (UG/L AS CD)	06/15/78-10/01/96	24 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/24/89-10/01/96	24 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
01035	COBALT, DISSOLVED (UG/L AS CO)	05/24/89-10/01/96	24 ##	1.5	1.5	1.5	1.5	0.	0.	1.5	1.5	1.5	1.5
01040	COPPER, DISSOLVED (UG/L AS CU)	06/15/78-10/01/96	24 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01046	IRON, DISSOLVED (UG/L AS FE)	08/22/73-10/01/96	24	38.	40.417	64.	28.	113.123	10.636	29.	32.25	46.75	60.
01049	LEAD, DISSOLVED (UG/L AS PB)	11/13/73-10/01/96	24 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/22/73-10/01/96	24	3.	30.042	150.	0.	2420.107	49.195	0.5	2.	34.	130.
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	05/24/89-10/01/96	24 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01065	NICKEL, DISSOLVED (UG/L AS NI)	11/13/73-10/01/96	24 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01075	SILVER, DISSOLVED (UG/L AS AG)	05/24/89-10/01/96	27 ##	0.5	0.731	6.	0.	1.307	1.143	0.25	0.25	0.5	2.
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	05/24/89-10/01/96	24	48.	48.417	53.	45.	5.819	2.412	45.5	46.25	50.5	52.5
01085	VANADIUM, DISSOLVED (UG/L AS V)	05/24/89-10/01/96	24 ##	3.	3.	3.	3.	0.	0.	3.	3.	3.	3.
01090	ZINC, DISSOLVED (UG/L AS ZN)	06/15/78-10/01/96	24 ##	2.25	2.417	4.	1.5	0.993	0.996	1.5	1.5	3.	4.
01130	LITHIUM, DISSOLVED (UG/L AS LI)	05/24/89-10/01/96	24 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/24/89-10/01/96	24	33.	28.625	45.	0.	134.853	11.613	8.5	21.25	35.75	41.

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

Annual Analysis for 1992 - Station ROMO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/27/55-10/01/96	140	60.	69.977	165.	0.1	3102.325	55.699	0.1	16.25	120.	150.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/27/55-10/01/96	139	8.7	10.026	17.1	5.2	10.376	3.221	6.6	7.7	12.7	15.5
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/27/55-10/01/96	139	67.	65.101	69.	56.	15.294	3.911	57.	65.	68.	68.
00300p	OXYGEN, DISSOLVED MG/L	09/27/55-10/01/96	139	6.2	5.057	8.7	0.2	7.01	2.648	1.1	2.2	7.2	8.
00400p	PH (STANDARD UNITS)	09/27/55-10/01/96	139	7.2	7.492	9.1	6.8	0.378	0.614	7.	7.1	7.7	8.9
00400p	CONVERTED PH (STANDARD UNITS)	09/27/55-10/01/96	139	7.2	7.254	9.1	6.8	0.435	0.659	7.	7.1	7.7	8.9
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/27/55-10/01/96	139	0.063	0.056	0.158	0.001	0.002	0.041	0.001	0.02	0.079	0.1
00403	PH, LAB, STANDARD UNITS SU	05/24/89-10/01/96	21	7.5	7.543	8.7	6.9	0.354	0.595	6.9	7.	7.9	8.64
00403	CONVERTED PH, LAB, STANDARD UNITS	05/24/89-10/01/96	21	7.5	7.278	8.7	6.9	0.427	0.654	6.9	7.	7.9	8.64
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/24/89-10/01/96	21	0.032	0.053	0.126	0.002	0.002	0.045	0.002	0.013	0.1	0.126
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	05/24/89-10/01/96	24	0.02	0.021	0.05	0.005	0.	0.013	0.005	0.01	0.03	0.04
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/24/89-10/01/96	24 ##	0.005	0.005	0.01	0.005	0.	0.001	0.005	0.005	0.005	0.008
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/13/73-10/01/96	24 ##	0.1	0.45	3.9	0.1	1.133	1.064	0.1	0.1	0.2	2.1
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/22/73-10/01/96	24	0.075	0.08	0.2	0.025	0.004	0.063	0.025	0.025	0.1	0.2
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/13/73-10/01/96	24 ##	0.005	0.029	0.17	0.005	0.002	0.047	0.005	0.005	0.028	0.12
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/22/73-10/01/96	24 ##	0.005	0.006	0.01	0.005	0.	0.002	0.005	0.005	0.009	0.01
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/22/73-10/01/96	24 ##	0.005	0.009	0.02	0.005	0.	0.006	0.005	0.005	0.01	0.02
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/22/73-10/01/96	21	7.8	7.89	8.7	6.8	0.269	0.519	6.96	7.65	8.25	8.7
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/22/73-10/01/96	21	1.4	1.41	1.5	1.3	0.003	0.054	1.32	1.4	1.4	1.5
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/22/73-10/01/96	21	2.6	2.6	2.9	2.3	0.027	0.164	2.32	2.5	2.7	2.88
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/22/73-10/01/96	21	0.8	0.786	0.9	0.7	0.003	0.057	0.7	0.75	0.8	0.88
00940	CHLORIDE,TOTAL IN WATER MG/L	08/22/73-10/01/96	21	0.6	0.51	1.	0.1	0.087	0.295	0.12	0.2	0.8	0.8
00945	SULFATE, TOTAL (MG/L AS SO4)	08/22/73-10/01/96	21	3.	3.476	5.	3.	0.462	0.68	3.	3.	4.	4.8
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/22/73-10/01/96	21	0.1	0.1	0.2	0.05	0.001	0.027	0.06	0.1	0.1	0.1

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

Annual Analysis for 1992 - Station ROMO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/22/73-10/01/96	21	7.	6.381	8.6	4.4	1.911	1.382	4.4	5.	7.55	8.
01005	BARIUM, DISSOLVED (UG/L AS BA)	05/24/89-10/01/96	21	8.	6.571	9.	1.	8.157	2.856	1.	6.5	8.	8.
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	05/24/89-10/01/96	21 ##	0.25	0.355	0.8	0.25	0.049	0.221	0.25	0.25	0.25	0.8
01020	BORON, DISSOLVED (UG/L AS B)	05/24/89-10/01/96	21 ##	5.	8.333	40.	5.	110.833	10.528	5.	5.	5.	33.
01025	CADMIUM, DISSOLVED (UG/L AS CD)	06/15/78-10/01/96	21 ##	0.5	0.619	1.	0.5	0.048	0.218	0.5	0.5	0.75	1.
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/24/89-10/01/96	21 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
01035	COBALT, DISSOLVED (UG/L AS CO)	05/24/89-10/01/96	21 ##	1.5	1.5	1.5	1.5	0.	0.	1.5	1.5	1.5	1.5
01040	COPPER, DISSOLVED (UG/L AS CU)	06/15/78-10/01/96	21 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01046	IRON, DISSOLVED (UG/L AS FE)	08/22/73-10/01/96	21	32.	31.095	43.	17.	65.99	8.123	18.2	25.	39.	42.4
01049	LEAD, DISSOLVED (UG/L AS PB)	11/13/73-10/01/96	21 ##	5.	5.952	10.	5.	4.048	2.012	5.	5.	5.	10.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/22/73-10/01/96	21	11.	28.905	140.	1.	1796.39	42.384	1.2	2.	41.	125.8
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	05/24/89-10/01/96	21 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01065	NICKEL, DISSOLVED (UG/L AS NI)	11/13/73-10/01/96	21 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01075	SILVER, DISSOLVED (UG/L AS AG)	05/24/89-10/01/96	21 ##	0.5	0.69	2.	0.5	0.212	0.46	0.5	0.5	0.5	1.8
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	05/24/89-10/01/96	21	49.	49.286	57.	42.	13.214	3.635	42.8	48.	51.	56.
01085	VANADIUM, DISSOLVED (UG/L AS V)	05/24/89-10/01/96	21 ##	3.	3.	3.	3.	0.	0.	3.	3.	3.	3.
01090	ZINC, DISSOLVED (UG/L AS ZN)	06/15/78-10/01/96	21	10.	7.976	18.	1.5	29.737	5.453	1.5	1.5	11.	16.
01130	LITHIUM, DISSOLVED (UG/L AS LI)	05/24/89-10/01/96	21 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/24/89-10/01/96	21	43.	42.952	60.	30.	67.048	8.188	30.8	36.	47.	58.

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Annual Analysis for 1993 - Station ROMO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/27/55-10/01/96	126	60.	66.152	157.	0.1	2579.638	50.79	3.53	20.	110.	140.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/27/55-10/01/96	126	8.35	10.164	17.4	4.1	15.801	3.975	5.68	7.475	14.325	16.5
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/27/55-10/01/96	126	60.	60.333	80.	53.	39.264	6.266	53.	55.	63.	69.3
00300p	OXYGEN, DISSOLVED MG/L	09/27/55-10/01/96	126	5.8	5.644	9.1	2.	4.006	2.002	2.7	3.775	7.2	8.
00400p	PH (STANDARD UNITS)	09/27/55-10/01/96	126	7.3	7.506	8.5	7.	0.185	0.43	7.1	7.1	7.8	8.23
00400p	CONVERTED PH (STANDARD UNITS)	09/27/55-10/01/96	126	7.3	7.349	8.5	7.	0.21	0.458	7.1	7.1	7.8	8.23
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/27/55-10/01/96	126	0.05	0.045	0.1	0.003	0.001	0.029	0.006	0.016	0.079	0.079
00403	PH, LAB, STANDARD UNITS SU	05/24/89-10/01/96	12	7.35	7.342	7.9	6.8	0.114	0.337	6.83	7.05	7.6	7.84
00403	CONVERTED PH, LAB, STANDARD UNITS	05/24/89-10/01/96	12	7.347	7.225	7.9	6.8	0.128	0.358	6.83	7.05	7.6	7.84
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/24/89-10/01/96	12	0.045	0.06	0.158	0.013	0.002	0.046	0.015	0.025	0.091	0.149
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	05/24/89-10/01/96	12	0.02	0.025	0.07	0.005	0.	0.017	0.007	0.013	0.03	0.058
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/24/89-10/01/96	12 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/13/73-10/01/96	12 ##	0.1	0.158	0.3	0.1	0.006	0.079	0.1	0.1	0.2	0.3
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/22/73-10/01/96	12 ##	0.058	0.077	0.2	0.025	0.004	0.066	0.025	0.025	0.098	0.2
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/13/73-10/01/96	12	0.015	0.015	0.03	0.005	0.	0.01	0.005	0.005	0.02	0.03
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/22/73-10/01/96	12 ##	0.005	0.009	0.03	0.005	0.	0.008	0.005	0.005	0.009	0.027
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/22/73-10/01/96	12 ##	0.005	0.008	0.03	0.005	0.	0.007	0.005	0.005	0.009	0.024
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/22/73-10/01/96	12	7.45	7.542	9.6	6.7	0.684	0.827	6.76	6.9	8.	9.21
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/22/73-10/01/96	12	1.35	1.35	1.6	1.2	0.015	0.124	1.2	1.225	1.4	1.57
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/22/73-10/01/96	12	2.35	2.458	3.2	2.	0.115	0.34	2.06	2.2	2.75	3.08
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/22/73-10/01/96	12	0.7	0.708	0.8	0.6	0.004	0.067	0.6	0.7	0.775	0.8
00940	CHLORIDE,TOTAL IN WATER MG/L	08/22/73-10/01/96	12	0.5	0.55	1.	0.4	0.037	0.193	0.4	0.4	0.675	0.94
00945	SULFATE, TOTAL (MG/L AS SO4)	08/22/73-10/01/96	12	3.	3.333	4.	3.	0.242	0.492	3.	3.	4.	4.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/22/73-10/01/96	12	0.1	0.117	0.2	0.1	0.002	0.039	0.1	0.1	0.1	0.2
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/22/73-10/01/96	12	7.2	6.958	8.6	5.5	1.315	1.147	5.56	5.725	7.9	8.45
01005	BARIUM, DISSOLVED (UG/L AS BA)	05/24/89-10/01/96	12	8.	8.417	11.	7.	1.174	1.084	7.	8.	9.	10.4
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	05/24/89-10/01/96	12 ##	0.25	0.25	0.25	0.25	0.	0.	0.25	0.25	0.25	0.25
01020	BORON, DISSOLVED (UG/L AS B)	05/24/89-10/01/96	12 ##	5.	6.25	10.	5.	5.114	2.261	5.	5.	8.75	10.
01025	CADMIUM, DISSOLVED (UG/L AS CD)	06/15/78-10/01/96	12 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/24/89-10/01/96	12 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
01035	COBALT, DISSOLVED (UG/L AS CO)	05/24/89-10/01/96	12 ##	1.5	1.5	1.5	1.5	0.	0.	1.5	1.5	1.5	1.5
01040	COPPER, DISSOLVED (UG/L AS CU)	06/15/78-10/01/96	12 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.

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Annual Analysis for 1993 - Station ROMO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01046	IRON, DISSOLVED (UG/L AS FE)	08/22/73-10/01/96	12	21.	22.667	59.	9.	174.061	13.193	9.9	13.75	25.75	51.2
01049	LEAD, DISSOLVED (UG/L AS PB)	11/13/73-10/01/96	12 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/22/73-10/01/96	11	6.	8.455	25.	1.	70.873	8.419	1.2	2.	11.	24.6
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	05/24/89-10/01/96	12 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01065	NICKEL, DISSOLVED (UG/L AS NI)	11/13/73-10/01/96	12 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01075	SILVER, DISSOLVED (UG/L AS AG)	05/24/89-10/01/96	12 ##	0.3	0.3	0.5	0.1	0.044	0.209	0.1	0.1	0.5	0.5
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	05/24/89-10/01/96	12	45.	46.667	59.	42.	28.424	5.331	42.	42.	50.	56.6
01085	VANADIUM, DISSOLVED (UG/L AS V)	05/24/89-10/01/96	12 ##	3.	3.	3.	3.	0.	0.	3.	3.	3.	3.
01090	ZINC, DISSOLVED (UG/L AS ZN)	06/15/78-10/01/96	12	9.5	9.458	16.	1.5	15.521	3.94	2.55	7.25	12.75	15.1
01130	LITHIUM, DISSOLVED (UG/L AS LI)	05/24/89-10/01/96	12 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/24/89-10/01/96	12	43.	42.75	54.	34.	42.75	6.538	34.	36.5	48.	52.8

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

Annual Analysis for 1994 - Station ROMO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/27/55-10/01/96	118	50.	60.264	145.	0.1	2211.948	47.031	0.1	15.	100.	130.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/27/55-10/01/96	118	8.2	10.028	17.5	4.5	18.106	4.255	5.69	6.6	15.3	17.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/27/55-10/01/96	118	55.	54.483	57.	52.	1.226	1.107	53.	54.	55.	55.
00300p	OXYGEN, DISSOLVED MG/L	09/27/55-10/01/96	118	6.7	5.869	8.8	1.9	3.942	1.986	2.9	3.8	7.3	7.91
00400p	PH (STANDARD UNITS)	09/27/55-10/01/96	118	7.7	7.818	9.	7.	0.286	0.534	7.3	7.4	8.025	8.9
00400p	CONVERTED PH (STANDARD UNITS)	09/27/55-10/01/96	118	7.7	7.594	9.	7.	0.336	0.58	7.3	7.4	8.025	8.9
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/27/55-10/01/96	118	0.02	0.025	0.1	0.001	0.	0.021	0.001	0.009	0.04	0.05
00403	PH, LAB, STANDARD UNITS SU	05/24/89-10/01/96	10	7.05	7.15	8.1	6.6	0.227	0.477	6.61	6.775	7.45	8.05
00403	CONVERTED PH, LAB, STANDARD UNITS	05/24/89-10/01/96	10	7.025	6.971	8.1	6.6	0.263	0.513	6.61	6.775	7.45	8.05
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/24/89-10/01/96	10	0.094	0.107	0.251	0.008	0.007	0.083	0.01	0.036	0.169	0.246
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	05/24/89-10/01/96	10 ##	0.008	0.008	0.01	0.005	0.	0.002	0.005	0.005	0.01	0.01
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/24/89-10/01/96	10 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/13/73-10/01/96	10 ##	0.15	0.16	0.3	0.1	0.005	0.07	0.1	0.1	0.2	0.29
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/22/73-10/01/96	10 ##	0.025	0.048	0.1	0.025	0.001	0.031	0.025	0.025	0.083	0.099
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/13/73-10/01/96	10	0.01	0.01	0.02	0.005	0.	0.006	0.005	0.005	0.013	0.02
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/22/73-10/01/96	10 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/22/73-10/01/96	10 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/22/73-10/01/96	10	7.2	7.16	7.5	6.8	0.045	0.212	6.81	6.975	7.3	7.48
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/22/73-10/01/96	10	1.25	1.25	1.3	1.2	0.003	0.053	1.2	1.2	1.3	1.3
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/22/73-10/01/96	10	2.2	2.21	2.4	2.1	0.01	0.099	2.1	2.1	2.3	2.39
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/22/73-10/01/96	10	0.7	0.76	1.	0.7	0.012	0.107	0.7	0.7	0.825	0.99
00940	CHLORIDE,TOTAL IN WATER MG/L	08/22/73-10/01/96	10	0.4	0.45	0.6	0.4	0.005	0.071	0.4	0.4	0.5	0.59
00945	SULFATE, TOTAL (MG/L AS SO4)	08/22/73-10/01/96	10	3.	2.9	3.	2.	0.1	0.316	2.1	3.	3.	3.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/22/73-10/01/96	10	0.1	0.125	0.2	0.05	0.003	0.054	0.055	0.1	0.2	0.2
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/22/73-10/01/96	10	6.55	6.68	7.8	5.8	0.508	0.713	5.82	6.075	7.325	7.79
01005	BARIUM, DISSOLVED (UG/L AS BA)	05/24/89-10/01/96	10	8.	8.	9.	7.	0.222	0.471	7.1	8.	8.	8.9
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	05/24/89-10/01/96	10 ##	0.25	0.25	0.25	0.25	0.	0.	0.25	0.25	0.25	0.25
01020	BORON, DISSOLVED (UG/L AS B)	05/24/89-10/01/96	10 ##	5.	6.5	10.	5.	5.833	2.415	5.	5.	10.	10.
01025	CADMIUM, DISSOLVED (UG/L AS CD)	06/15/78-10/01/96	10 ##	0.5	0.65	2.	0.5	0.225	0.474	0.5	0.5	0.5	1.85
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/24/89-10/01/96	10 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
01035	COBALT, DISSOLVED (UG/L AS CO)	05/24/89-10/01/96	10 ##	1.5	1.5	1.5	1.5	0.	0.	1.5	1.5	1.5	1.5
01040	COPPER, DISSOLVED (UG/L AS CU)	06/15/78-10/01/96	10 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01046	IRON, DISSOLVED (UG/L AS FE)	08/22/73-10/01/96	10	10.5	10.25	16.	1.5	19.847	4.455	1.85	8.	13.	16.
01049	LEAD, DISSOLVED (UG/L AS PB)	11/13/73-10/01/96	10 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/22/73-10/01/96	10	1.	3.35	10.	0.5	14.281	3.779	0.5	0.5	8.	9.8
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	05/24/89-10/01/96	10 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01065	NICKEL, DISSOLVED (UG/L AS NI)	11/13/73-10/01/96	10 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01075	SILVER, DISSOLVED (UG/L AS AG)	05/24/89-10/01/96	10 ##	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	05/24/89-10/01/96	10	44.5	44.5	48.	40.	4.722	2.173	40.3	43.75	45.5	47.9
01085	VANADIUM, DISSOLVED (UG/L AS V)	05/24/89-10/01/96	10 ##	3.	3.	3.	3.	0.	0.	3.	3.	3.	3.

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

Annual Analysis for 1994 - Station ROMO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01090	ZINC, DISSOLVED (UG/L AS ZN)	06/15/78-10/01/96	10	7.5	7.3	13.	1.5	17.511	4.185	1.5	4.125	11.5	13.
01130	LITHIUM, DISSOLVED (UG/L AS LI)	05/24/89-10/01/96	10 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/24/89-10/01/96	10	39.	38.3	44.	30.	23.122	4.809	30.2	35.	42.5	44.

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

Annual Analysis for 1995 - Station ROMO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/27/55-10/01/96	105	60.	65.01	160.	0.1	2613.049	51.118	0.1	17.5	110.	140.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/27/55-10/01/96	105	8.7	10.1	19.1	4.2	14.387	3.793	6.5	7.45	13.2	16.94
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/27/55-10/01/96	105	55.	54.286	68.	45.	16.745	4.092	50.	50.	57.	59.
00300p	OXYGEN, DISSOLVED MG/L	09/27/55-10/01/96	105	5.4	5.066	9.2	1.3	4.571	2.138	1.9	3.2	6.9	7.4
00400p	PH (STANDARD UNITS)	09/27/55-10/01/96	105	7.4	7.536	8.9	6.8	0.317	0.563	6.9	7.1	7.7	8.5
00400p	CONVERTED PH (STANDARD UNITS)	09/27/55-10/01/96	105	7.4	7.294	8.9	6.8	0.377	0.614	6.9	7.1	7.7	8.5
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/27/55-10/01/96	105	0.04	0.051	0.158	0.001	0.002	0.044	0.003	0.02	0.079	0.126
00403	PH, LAB, STANDARD UNITS SU	05/24/89-10/01/96	13	7.2	7.3	8.	6.8	0.145	0.381	6.84	7.	7.6	7.96
00403	CONVERTED PH, LAB, STANDARD UNITS	05/24/89-10/01/96	13	7.2	7.174	8.	6.8	0.162	0.403	6.84	7.	7.6	7.96
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/24/89-10/01/96	13	0.063	0.067	0.158	0.01	0.002	0.046	0.011	0.026	0.1	0.145
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	05/24/89-10/01/96	13 ##	0.008	0.016	0.06	0.008	0.	0.016	0.008	0.008	0.025	0.048
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/24/89-10/01/96	13 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/13/73-10/01/96	13 ##	0.1	0.146	0.3	0.1	0.006	0.078	0.1	0.1	0.2	0.3
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/22/73-10/01/96	13 ##	0.025	0.054	0.1	0.025	0.001	0.035	0.025	0.025	0.1	0.1
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/13/73-10/01/96	13 ##	0.005	0.01	0.02	0.005	0.	0.007	0.005	0.005	0.02	0.02
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/22/73-10/01/96	13 ##	0.005	0.006	0.02	0.005	0.	0.004	0.005	0.005	0.005	0.014
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/22/73-10/01/96	13 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/22/73-10/01/96	13	7.4	7.377	8.7	6.2	0.49	0.7	6.36	6.8	7.9	8.5
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/22/73-10/01/96	13	1.3	1.308	1.5	1.1	0.011	0.104	1.14	1.25	1.4	1.46
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/22/73-10/01/96	13	2.3	2.3	2.9	1.9	0.072	0.268	1.94	2.05	2.45	2.74
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/22/73-10/01/96	13	0.7	0.715	0.8	0.6	0.006	0.08	0.6	0.65	0.8	0.8
00940	CHLORIDE,TOTAL IN WATER MG/L	08/22/73-10/01/96	13	0.5	0.523	0.8	0.4	0.01	0.101	0.4	0.5	0.55	0.72
00945	SULFATE, TOTAL (MG/L AS SO4)	08/22/73-10/01/96	13	3.	2.923	3.	2.	0.077	0.277	2.4	3.	3.	3.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/22/73-10/01/96	13	0.1	0.1	0.2	0.05	0.001	0.035	0.05	0.1	0.1	0.16
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/22/73-10/01/96	13	6.7	6.546	7.4	5.1	0.593	0.77	5.18	6.05	7.2	7.4
01005	BARIUM, DISSOLVED (UG/L AS BA)	05/24/89-10/01/96	13	7.	7.538	9.	7.	0.436	0.66	7.	7.	8.	8.6
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	05/24/89-10/01/96	13 ##	0.25	0.25	0.25	0.25	0.	0.	0.25	0.25	0.25	0.25
01020	BORON, DISSOLVED (UG/L AS B)	05/24/89-10/01/96	13 ##	5.	5.962	10.	5.	3.686	1.92	5.	5.	6.25	10.
01025	CADMIUM, DISSOLVED (UG/L AS CD)	06/15/78-10/01/96	12 ##	0.5	0.667	2.	0.5	0.197	0.444	0.5	0.5	0.5	1.7
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/24/89-10/01/96	13 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
01035	COBALT, DISSOLVED (UG/L AS CO)	05/24/89-10/01/96	13 ##	1.5	1.5	1.5	1.5	0.	0.	1.5	1.5	1.5	1.5
01040	COPPER, DISSOLVED (UG/L AS CU)	06/15/78-10/01/96	13 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01046	IRON, DISSOLVED (UG/L AS FE)	08/22/73-10/01/96	13	11.	14.885	41.	1.5	125.673	11.21	3.3	6.5	22.5	36.6
01049	LEAD, DISSOLVED (UG/L AS PB)	11/13/73-10/01/96	13 ##	5.	5.	10.	0.	8.333	2.887	0.	5.	5.	10.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/22/73-10/01/96	13 ##	0.5	2.577	20.	0.	30.785	5.548	0.	0.5	1.5	14.8
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	05/24/89-10/01/96	13 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01065	NICKEL, DISSOLVED (UG/L AS NI)	11/13/73-10/01/96	13 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01075	SILVER, DISSOLVED (UG/L AS AG)	05/24/89-10/01/96	13 ##	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	05/24/89-10/01/96	13	47.	46.769	56.	38.	21.359	4.622	39.2	43.5	49.5	54.
01085	VANADIUM, DISSOLVED (UG/L AS V)	05/24/89-10/01/96	13 ##	3.	3.	3.	3.	0.	0.	3.	3.	3.	3.
01090	ZINC, DISSOLVED (UG/L AS ZN)	06/15/78-10/01/96	13 ##	1.5	3.231	10.	1.5	7.692	2.774	1.5	1.5	5.	8.8
01130	LITHIUM, DISSOLVED (UG/L AS LI)	05/24/89-10/01/96	13 ##	2.	2.231	5.	2.	0.692	0.832	2.	2.	2.	3.8
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/24/89-10/01/96	13	40.	38.769	48.	24.	49.692	7.049	26.4	33.	45.	47.2

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

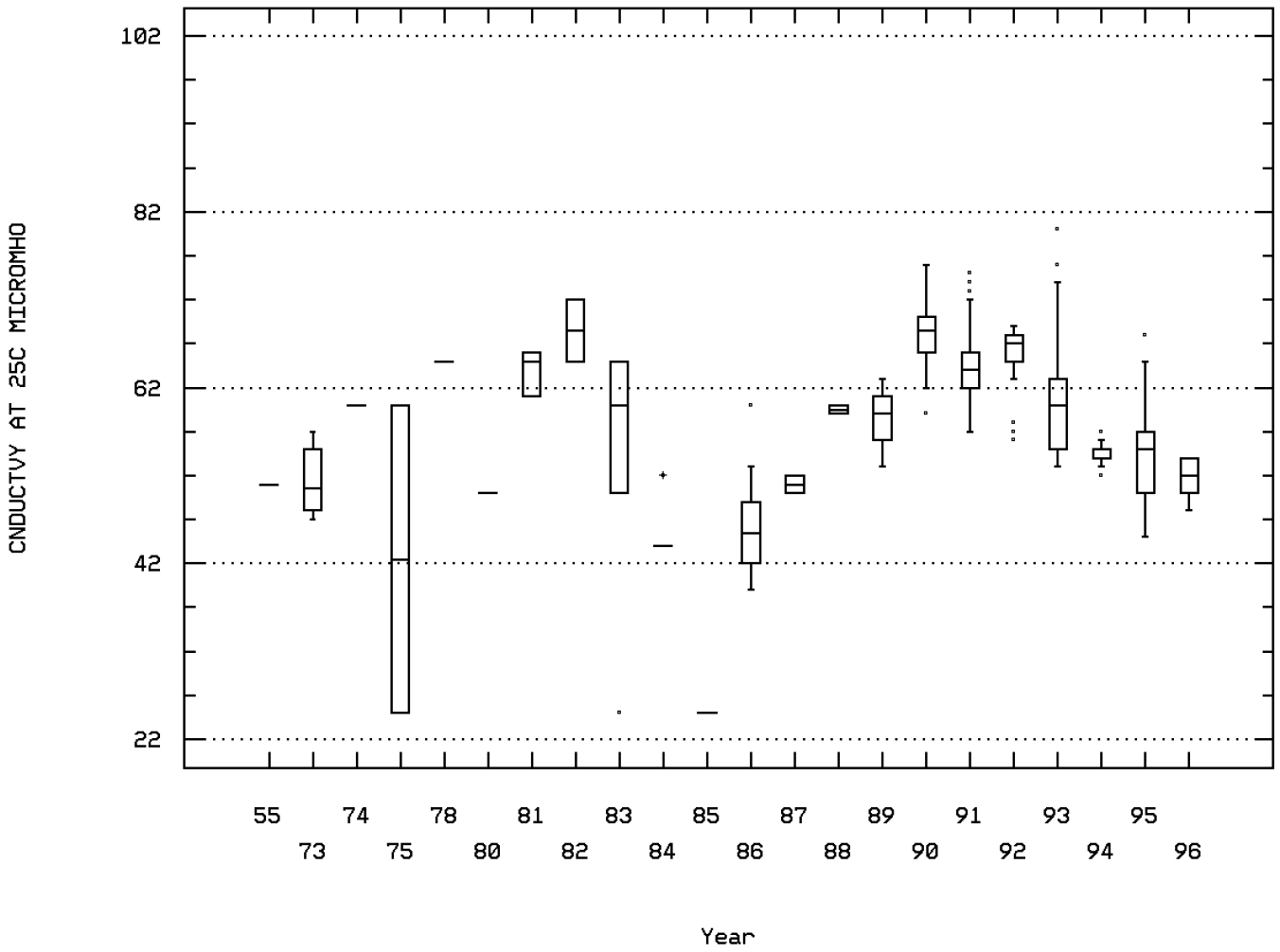
Annual Analysis for 1996 - Station ROMO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/27/55-10/01/96	61	60.	64.682	160.	0.1	2651.932	51.497	1.08	17.5	110.	148.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/27/55-10/01/96	61	7.8	11.241	19.3	6.1	24.565	4.956	6.5	6.85	16.2	18.34
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/27/55-10/01/96	61	52.	51.836	54.	48.	3.406	1.846	49.	50.	54.	54.
00300p	OXYGEN, DISSOLVED MG/L	09/27/55-10/01/96	61	6.2	6.248	9.3	2.8	1.243	1.115	5.2	5.55	7.	7.38
00400p	PH (STANDARD UNITS)	09/27/55-10/01/96	61	7.1	7.361	8.7	6.8	0.34	0.583	6.8	6.9	7.7	8.38
00400p	CONVERTED PH (STANDARD UNITS)	09/27/55-10/01/96	61	7.1	7.112	8.7	6.8	0.403	0.635	6.8	6.9	7.7	8.38
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/27/55-10/01/96	61	0.079	0.077	0.158	0.002	0.003	0.058	0.004	0.02	0.126	0.158
00403	PH, LAB, STANDARD UNITS SU	05/24/89-10/01/96	7	7.1	7.157	7.6	6.8	0.073	0.27	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	05/24/89-10/01/96	7	7.1	7.09	7.6	6.8	0.078	0.279	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/24/89-10/01/96	7	0.079	0.081	0.158	0.025	0.002	0.047	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	05/24/89-10/01/96	7 ##	0.008	0.017	0.04	0.008	0.	0.013	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/24/89-10/01/96	7 ##	0.005	0.007	0.02	0.005	0.	0.006	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/13/73-10/01/96	7 ##	0.1	0.157	0.3	0.1	0.01	0.098	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/22/73-10/01/96	7	0.08	0.072	0.1	0.025	0.001	0.028	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/13/73-10/01/96	7 ##	0.005	0.006	0.01	0.005	0.	0.002	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/22/73-10/01/96	7 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/22/73-10/01/96	7 ##	0.005	0.006	0.01	0.005	0.	0.002	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/22/73-10/01/96	7	6.4	6.414	6.9	6.	0.098	0.313	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/22/73-10/01/96	7	1.2	1.171	1.2	1.1	0.002	0.049	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/22/73-10/01/96	7	2.	1.943	2.1	1.8	0.013	0.113	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/22/73-10/01/96	7	0.7	0.714	0.9	0.6	0.008	0.09	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/22/73-10/01/96	7	0.4	0.4	0.5	0.3	0.003	0.058	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/22/73-10/01/96	7	3.	2.857	3.	2.	0.143	0.378	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/22/73-10/01/96	7	0.1	0.114	0.2	0.1	0.001	0.038	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/22/73-10/01/96	7	5.1	5.029	5.6	4.4	0.226	0.475	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	05/24/89-10/01/96	7	8.	7.571	8.	7.	0.286	0.535	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	05/24/89-10/01/96	7 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	05/24/89-10/01/96	7 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	06/15/78-10/01/96	7 ##	0.5	0.714	2.	0.5	0.321	0.567	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/24/89-10/01/96	7 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	05/24/89-10/01/96	7 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	06/15/78-10/01/96	7 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/22/73-10/01/96	7	14.	12.5	21.	1.5	53.083	7.286	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	11/13/73-10/01/96	7 ##	5.	5.714	10.	5.	3.571	1.89	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/22/73-10/01/96	7	1.	1.071	2.	0.5	0.452	0.673	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	05/24/89-10/01/96	7 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	11/13/73-10/01/96	7 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	05/24/89-10/01/96	7 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	05/24/89-10/01/96	7	41.	40.286	43.	38.	4.905	2.215	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	05/24/89-10/01/96	7 ##	3.	3.	3.	3.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	06/15/78-10/01/96	7 ##	1.5	2.357	5.	1.5	2.226	1.492	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	05/24/89-10/01/96	7 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/24/89-10/01/96	7	32.	33.429	58.	16.	164.952	12.843	**	**	**	**

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

Station: ROMO0034 Parameter Code: 00095

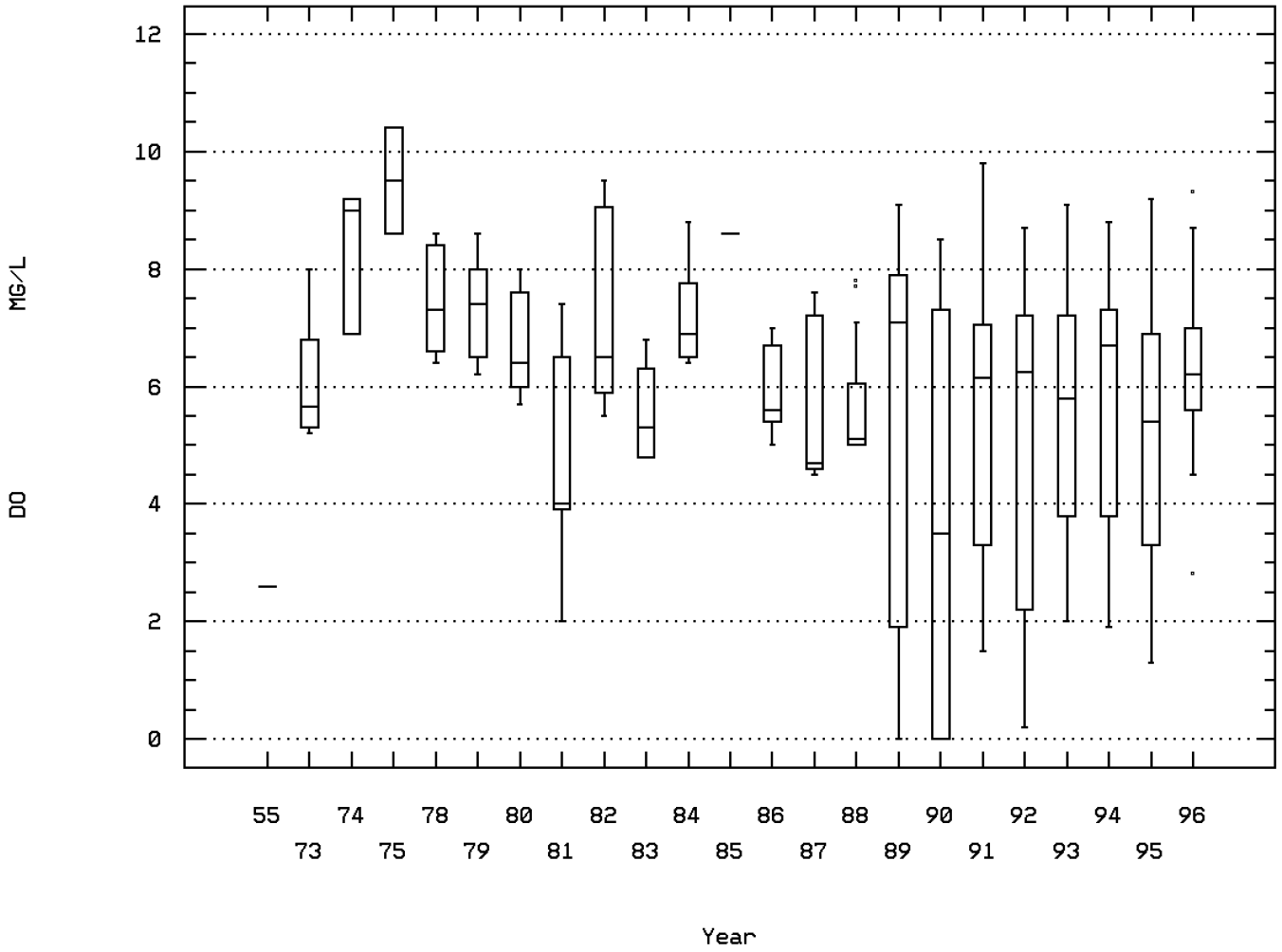
SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)



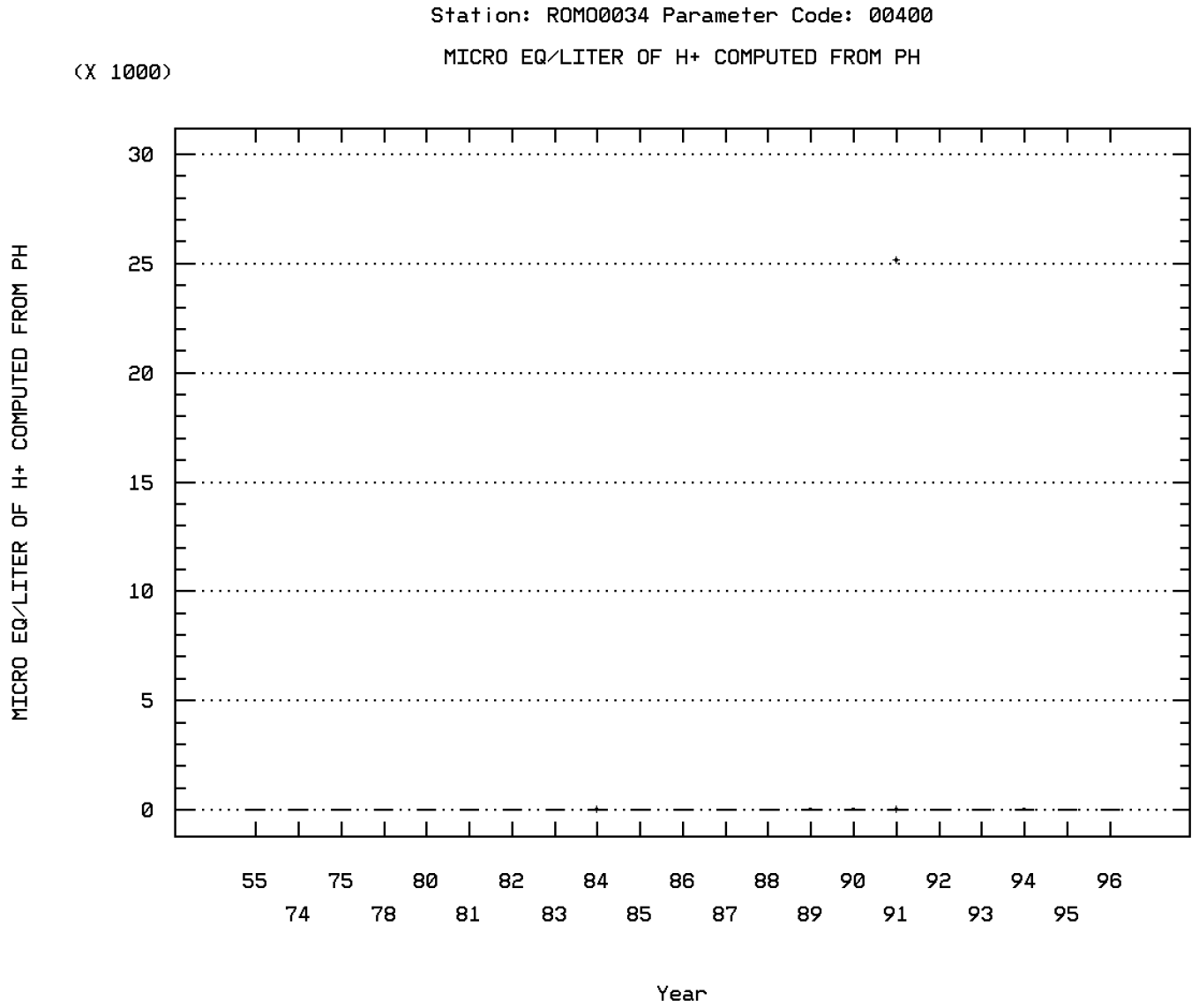
LAKE GRANBY NEAR GRANBY, CO.

Station: ROMO0034 Parameter Code: 00300

OXYGEN, DISSOLVED



LAKE GRANBY NEAR GRANBY, CO.



LAKE GRANBY NEAR GRANBY, CO.

Seasonal Analysis for Season #1: 6/10 to 10/31 - Station ROMO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/27/55-10/01/96	932	60.	65.478	170.	0.1	2502.759	50.028	2.	20.	110.	140.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/27/55-10/01/96	890	8.7	10.492	19.5	5.	16.938	4.116	6.	7.2	14.1	17.
00025	BAROMETRIC PRESSURE (MM OF HG)	06/27/84-07/22/93	35	565.	564.714	570.	558.	15.328	3.915	558.	560.	566.	570.
00077p	TRANSPARENCY, SECCHI DISC (INCHES)	08/22/73-10/01/96	48	113.	119.875	236.	0.	2299.856	47.957	77.4	88.	152.	167.5
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/27/55-10/01/96	799	59.	58.685	76.	25.	56.349	7.507	50.	54.	65.	67.
00300p	OXYGEN, DISSOLVED MG/L	09/27/55-10/01/96	904	5.8	5.2	9.5	0.	5.201	2.281	1.9	3.6	7.	7.5
00400p	PH (STANDARD UNITS)	09/27/55-10/01/96	746	7.5	7.514	9.1	1.6	0.415	0.644	6.9	7.1	7.9	8.3
00400p	CONVERTED PH (STANDARD UNITS)	09/27/55-10/01/96	746	7.5	4.171	9.1	1.6	11.606	3.407	6.9	7.1	7.9	8.3
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/27/55-10/01/96	746	0.032	67.401	25118.864	0.001	1689296.253	1299.729	0.005	0.013	0.079	0.126
00403	PH, LAB, STANDARD UNITS SU	05/24/89-10/01/96	84	7.35	7.44	8.7	6.6	0.243	0.493	6.9	7.1	7.775	8.2
00403	CONVERTED PH, LAB, STANDARD UNITS	05/24/89-10/01/96	84	7.347	7.226	8.7	6.6	0.29	0.539	6.9	7.1	7.775	8.2
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/24/89-10/01/96	84	0.045	0.059	0.251	0.002	0.003	0.052	0.006	0.017	0.079	0.126
00600	NITROGEN, TOTAL (MG/L AS N)	11/13/73-07/29/81	9	0.49	0.604	1.4	0.32	0.123	0.35	0.32	0.335	0.78	1.4
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	05/24/89-10/01/96	87	0.01	0.015	0.06	0.005	0.	0.012	0.005	0.005	0.02	0.03
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/13/73-10/20/92	51	0.01	0.016	0.06	0.005	0.	0.013	0.005	0.005	0.02	0.038
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/24/89-10/01/96	87 ##	0.005	0.005	0.02	0.005	0.	0.002	0.005	0.005	0.005	0.005
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/13/73-10/01/96	111	0.2	0.311	3.9	0.1	0.278	0.527	0.1	0.1	0.3	0.5
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/13/73-10/20/92	64 ##	0.05	0.074	0.21	0.	0.004	0.061	0.003	0.025	0.123	0.17
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/22/73-10/01/96	89 ##	0.05	0.072	0.2	0.003	0.004	0.061	0.025	0.025	0.1	0.2
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	11/13/73-10/01/96	111	0.01	0.019	0.29	0.002	0.001	0.036	0.005	0.005	0.02	0.03
00666p	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/22/73-10/01/96	81 ##	0.005	0.008	0.03	0.005	0.	0.006	0.005	0.005	0.01	0.02
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/22/73-10/01/96	89 ##	0.005	0.007	0.03	0.001	0.	0.005	0.005	0.005	0.008	0.01
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	08/22/73-10/01/96	86	7.55	7.498	8.8	5.5	0.416	0.645	6.6	7.175	7.9	8.4
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/22/73-10/01/96	86	1.4	1.341	1.6	1.	0.013	0.115	1.2	1.3	1.4	1.5
00930p	SODIUM, DISSOLVED (MG/L AS NA)	08/22/73-10/01/96	86	2.4	2.408	4.1	1.8	0.097	0.312	2.	2.2	2.6	2.7
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	08/22/73-10/01/96	86	0.7	0.742	1.4	0.6	0.011	0.103	0.7	0.7	0.8	0.8
00940p	CHLORIDE,TOTAL IN WATER MG/L	08/22/73-10/01/96	86	0.4	0.46	1.	0.05	0.051	0.226	0.17	0.3	0.6	0.8
00945p	SULFATE, TOTAL (MG/L AS SO4)	08/22/73-10/01/96	86	3.	3.198	5.	2.	0.278	0.527	3.	3.	3.	4.
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	08/22/73-10/01/96	86	0.1	0.126	0.3	0.05	0.003	0.058	0.1	0.1	0.125	0.2
00955p	SILICA, DISSOLVED (MG/L AS SI02)	08/22/73-10/01/96	86	5.8	5.816	8.6	2.3	1.795	1.34	4.07	4.75	6.725	7.8
01005	BARIUM, DISSOLVED (UG/L AS BA)	05/24/89-10/01/96	84	8.	7.583	9.	1.	2.945	1.716	7.	7.	8.	9.
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	05/24/89-10/01/96	84 ##	0.25	0.293	0.8	0.25	0.019	0.136	0.25	0.25	0.25	0.425
01020	BORON, DISSOLVED (UG/L AS B)	05/24/89-10/01/96	84 ##	5.	6.387	40.	2.	34.129	5.842	5.	5.	5.	10.
01025	CADMIUM, DISSOLVED (UG/L AS CD)	06/15/78-10/01/96	106 ##	0.5	0.637	5.	0.	0.317	0.563	0.5	0.5	0.5	1.
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/24/89-10/01/96	84 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
01035	COBALT, DISSOLVED (UG/L AS CO)	05/24/89-10/01/96	84 ##	1.5	1.5	1.5	1.5	0.	0.	1.5	1.5	1.5	1.5
01040	COPPER, DISSOLVED (UG/L AS CU)	06/15/78-10/01/96	107 ##	5.	4.416	9.	0.	2.073	1.44	2.	5.	5.	5.
01046p	IRON, DISSOLVED (UG/L AS FE)	08/22/73-10/01/96	86	23.	76.238	2500.	1.5	120236.751	346.752	6.7	11.75	35.	43.
01049p	LEAD, DISSOLVED (UG/L AS PB)	11/13/73-10/01/96	108 ##	5.	4.519	10.	0.	4.598	2.144	1.	5.	5.	5.
01056p	MANGANESE, DISSOLVED (UG/L AS MN)	08/22/73-10/01/96	86	3.	15.424	150.	0.	856.38	29.264	0.5	1.	11.75	46.7
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	05/24/89-10/01/96	84 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01065p	NICKEL, DISSOLVED (UG/L AS NI)	11/13/73-10/01/96	108 ##	5.	4.162	10.	0.	4.228	2.056	0.5	5.	5.	5.
01075	SILVER, DISSOLVED (UG/L AS AG)	05/24/89-10/01/96	84 ##	0.5	0.504	6.	0.	0.573	0.757	0.1	0.1	0.5	0.75
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	05/24/89-10/01/96	84	47.	46.667	57.	38.	14.924	3.863	42.	44.	49.	51.
01085	VANADIUM, DISSOLVED (UG/L AS V)	05/24/89-10/01/96	84 ##	3.	3.	3.	3.	0.	0.	3.	3.	3.	3.
01090	ZINC, DISSOLVED (UG/L AS ZN)	06/15/78-10/01/96	107	5.	6.449	40.	0.	33.358	5.776	1.5	1.5	10.	13.
01130	LITHIUM, DISSOLVED (UG/L AS LI)	05/24/89-10/01/96	84 ##	2.	2.036	5.	2.	0.107	0.327	2.	2.	2.	2.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/17/82-09/17/91	11 ##	0.5	0.955	3.	0.5	0.673	0.82	0.5	0.5	1.	2.8
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/17/82-09/17/91	11 ##	-0.301	-0.121	0.477	-0.301	0.079	0.281	-0.301	-0.301	0.	0.442
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			0.757								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	06/17/82-10/01/96	33 ##	0.5	0.591	2.	0.	0.101	0.318	0.5	0.5	0.5	1.
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	06/17/82-10/01/96	33 ##	-0.301	-0.237	0.301	-0.301	0.021	0.146	-0.301	-0.301	-0.301	0.
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			0.579								
60050	ALGAE, TOTAL (CELLS/ML)	08/22/73-07/16/87	10	8100.	10640.	20900.	3900.	40280444.444	6346.688	4010.	5525.	18325.	20710.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/24/89-10/01/96	84	36.	36.917	60.	0.	94.294	9.711	25.	33.	43.75	48.
70953	CHLOROPHYLL-A,PHYTOPLANKTON UG/L,CHROMO-FLUORO	05/24/89-10/01/96	42	2.3	3.326	13.	0.	8.484	2.913	0.93	1.375	4.65	7.48
70954	CHLOROPHYLL-B,PHYTOPLANKTON UG/L,CHROMO-FLUORO	05/24/89-10/01/96	41 ##	0.05	0.083	0.3	0.05	0.005	0.068	0.05	0.05	0.1	0.2
71887	NITROGEN, TOTAL, AS NO3 - MG/L	11/13/73-07/29/81	9	2.2	2.711	6.4	1.4	2.571	1.603	1.4	1.5	3.45	6.4

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

Seasonal Analysis for Season #2: 11/01 to 4/10 - Station ROMO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/27/55-10/01/96	3	2.	2.	2.	2.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/27/55-10/01/96	2	3.25	3.25	6.5	0.	21.125	4.596	**	**	**	**
00077p	TRANSPARENCY, SECCHI DISC (INCHES)	08/22/73-10/01/96	1	108.	108.	108.	108.	0.	0.	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/27/55-10/01/96	3	55.	46.667	60.	25.	358.333	18.93	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/27/55-10/01/96	3	9.2	8.8	10.4	6.8	3.36	1.833	**	**	**	**
00400p	PH (STANDARD UNITS)	09/27/55-10/01/96	2	7.3	7.3	7.6	7.	0.18	0.424	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	09/27/55-10/01/96	2	7.204	7.204	7.6	7.	0.199	0.446	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/27/55-10/01/96	2	0.063	0.063	0.1	0.025	0.003	0.053	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	11/13/73-07/29/81	3	0.36	0.367	0.4	0.34	0.001	0.031	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/13/73-10/20/92	3	0.04	0.047	0.06	0.04	0.	0.012	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/13/73-10/01/96	3	0.31	0.31	0.33	0.29	0.	0.02	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/13/73-10/20/92	3	0.05	0.057	0.09	0.03	0.001	0.031	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	11/13/73-10/01/96	3	0.02	0.017	0.02	0.01	0.	0.006	**	**	**	**
01049p	LEAD, DISSOLVED (UG/L AS PB)	11/13/73-10/01/96	3	3.	2.667	4.	1.	2.333	1.528	**	**	**	**
01065p	NICKEL, DISSOLVED (UG/L AS NI)	11/13/73-10/01/96	3	2.	1.667	3.	0.	2.333	1.528	**	**	**	**
71887	NITROGEN, TOTAL, AS NO3 - MG/L	11/13/73-07/29/81	3	1.6	1.633	1.8	1.5	0.023	0.153	**	**	**	**

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

Seasonal Analysis for Season #3: 4/11 to 6/09 - Station ROMO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/27/55-10/01/96	121	50.	59.764	157.	0.1	2322.145	48.189	0.1	15.	100.	138.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/27/55-10/01/96	120	6.45	7.057	11.7	4.1	5.086	2.255	4.5	5.1	8.8	10.59
00025	BAROMETRIC PRESSURE (MM OF HG)	06/27/84-07/22/93	8	558.5	558.5	560.	557.	2.571	1.604	**	**	**	**
00077p	TRANSPARENCY, SECCHI DISC (INCHES)	08/22/73-10/01/96	11	72.	74.636	97.	67.	73.255	8.559	67.2	68.	77.	93.2
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/27/55-10/01/96	133	63.	63.977	80.	52.	54.401	7.376	54.	57.	70.	72.6
00300p	OXYGEN, DISSOLVED MG/L	09/27/55-10/01/96	118	7.9	7.747	9.8	4.	1.247	1.117	6.47	7.	8.7	9.
00400p	PH (STANDARD UNITS)	09/27/55-10/01/96	107	7.6	7.567	8.4	5.7	0.126	0.355	7.2	7.3	7.8	7.92
00400p	CONVERTED PH (STANDARD UNITS)	09/27/55-10/01/96	107	7.6	7.294	8.4	5.7	0.202	0.449	7.2	7.3	7.8	7.92
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/27/55-10/01/96	107	0.025	0.051	1.995	0.004	0.036	0.191	0.012	0.016	0.05	0.063
00403	PH, LAB, STANDARD UNITS SU	05/24/89-10/01/96	20	7.55	7.595	8.6	7.	0.127	0.356	7.02	7.5	7.85	7.9
00403	CONVERTED PH, LAB, STANDARD UNITS	05/24/89-10/01/96	20	7.547	7.474	8.6	7.	0.142	0.377	7.02	7.5	7.85	7.9
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/24/89-10/01/96	20	0.028	0.034	0.1	0.003	0.001	0.026	0.013	0.014	0.032	0.096
00600	NITROGEN, TOTAL (MG/L AS N)	11/13/73-07/29/81	2	2.11	2.11	3.8	0.42	5.712	2.39	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	05/24/89-10/01/96	20	0.03	0.024	0.07	0.005	0.	0.016	0.005	0.01	0.03	0.04
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/13/73-10/20/92	17	0.03	0.022	0.05	0.005	0.	0.015	0.005	0.008	0.03	0.042
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/24/89-10/01/96	20 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/13/73-10/01/96	22	0.2	0.376	3.8	0.1	0.597	0.773	0.1	0.1	0.3	0.4
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/13/73-10/20/92	10	0.058	0.061	0.14	0.01	0.002	0.048	0.01	0.018	0.1	0.136
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/22/73-10/01/96	20 ##	0.05	0.057	0.1	0.007	0.001	0.033	0.009	0.025	0.09	0.1
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	11/13/73-10/01/96	22	0.01	0.018	0.07	0.005	0.	0.019	0.005	0.005	0.023	0.061
00666p	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/22/73-10/01/96	16 ##	0.005	0.006	0.01	0.005	0.	0.002	0.005	0.005	0.005	0.01
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/22/73-10/01/96	20 ##	0.005	0.004	0.005	0.001	0.	0.002	0.001	0.005	0.005	0.005
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	08/22/73-10/01/96	20	8.15	8.13	9.6	6.8	0.485	0.697	6.88	7.725	8.5	9.1
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/22/73-10/01/96	20	1.5	1.47	1.6	1.3	0.007	0.086	1.31	1.4	1.5	1.6
00930p	SODIUM, DISSOLVED (MG/L AS NA)	08/22/73-10/01/96	20	2.5	2.605	3.2	2.3	0.056	0.237	2.3	2.5	2.8	2.89
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	08/22/73-10/01/96	20	0.8	0.775	0.8	0.7	0.002	0.044	0.7	0.725	0.8	0.8
00940p	CHLORIDE,TOTAL IN WATER MG/L	08/22/73-10/01/96	20	0.4	0.455	0.8	0.1	0.059	0.244	0.11	0.3	0.675	0.8
00945p	SULFATE, TOTAL (MG/L AS SO4)	08/22/73-10/01/96	20	3.	3.25	4.	3.	0.197	0.444	3.	3.	3.75	4.
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	08/22/73-10/01/96	20	0.1	0.103	0.2	0.05	0.004	0.062	0.05	0.05	0.175	0.2
00955p	SILICA, DISSOLVED (MG/L AS SI02)	08/22/73-10/01/96	20	5.6	5.945	8.6	4.4	1.374	1.172	4.8	4.825	7.	7.4
01005	BARIUM, DISSOLVED (UG/L AS BA)	05/24/89-10/01/96	20	8.	7.95	11.	7.	0.892	0.945	7.	7.	8.	9.
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	05/24/89-10/01/96	20 ##	0.25	0.25	0.25	0.25	0.	0.	0.25	0.25	0.25	0.25
01020	BORON, DISSOLVED (UG/L AS B)	05/24/89-10/01/96	20 ##	5.	5.5	10.	5.	2.368	1.539	5.	5.	5.	9.5
01025	CADMIUM, DISSOLVED (UG/L AS CD)	06/15/78-10/01/96	20 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/24/89-10/01/96	20 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5

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

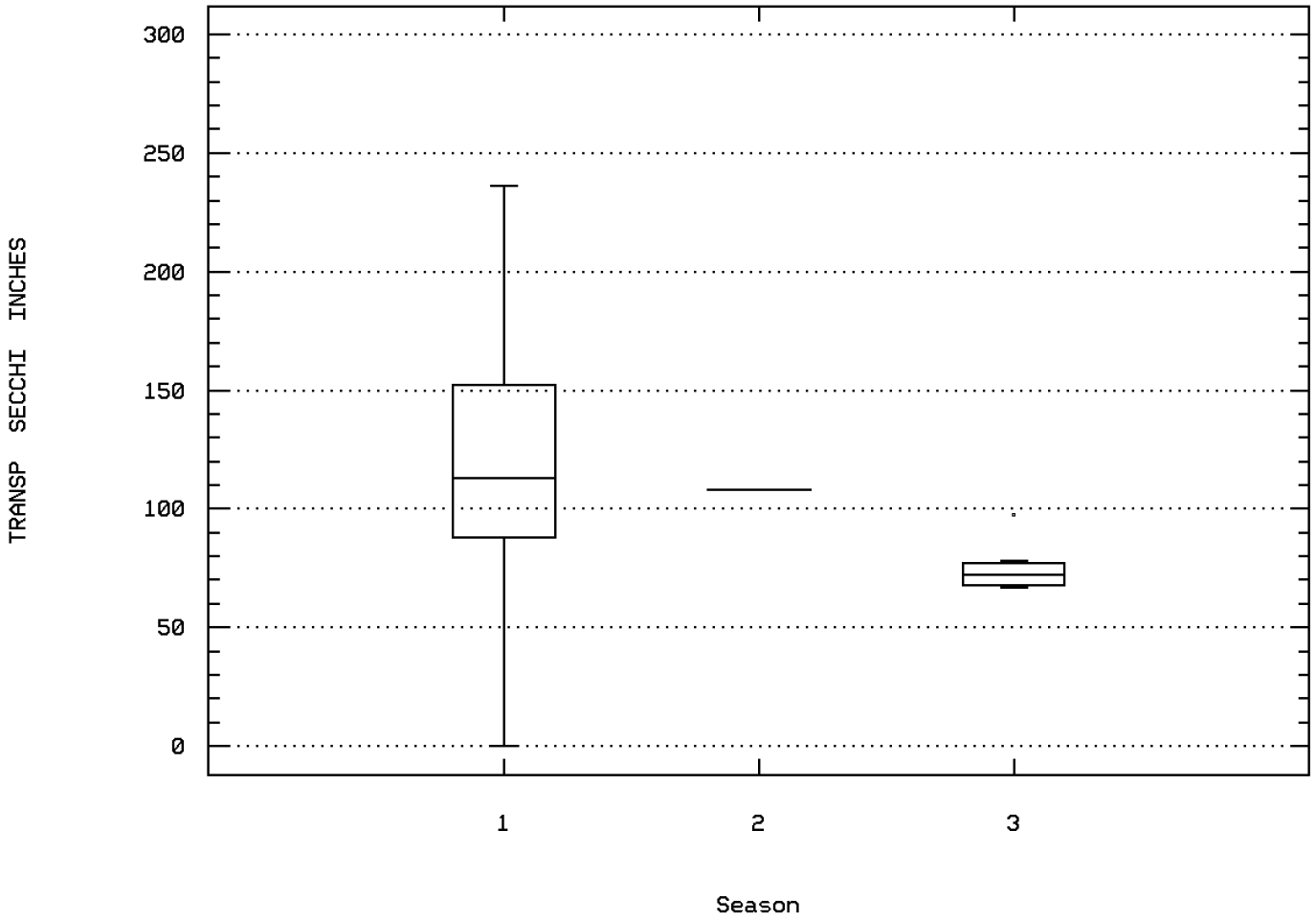
Seasonal Analysis for Season #3: 4/11 to 6/09 - Station ROMO0034

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01035	COBALT, DISSOLVED (UG/L AS CO)	05/24/89-10/01/96	20 ##	1.5	1.5	1.5	1.5	0.	0.	1.5	1.5	1.5	1.5
01040	COPPER, DISSOLVED (UG/L AS CU)	06/15/78-10/01/96	20 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01046p	IRON, DISSOLVED (UG/L AS FE)	08/22/73-10/01/96	20	38.5	32.75	64.	11.	336.197	18.336	11.1	13.	46.25	63.5
01049p	LEAD, DISSOLVED (UG/L AS PB)	11/13/73-10/01/96	22 ##	5.	4.955	5.	4.	0.045	0.213	5.	5.	5.	5.
01056p	MANGANESE, DISSOLVED (UG/L AS MN)	08/22/73-10/01/96	19	3.	36.763	140.	0.	2893.677	53.793	0.	0.5	96.	140.
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	05/24/89-10/01/96	20 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01065p	NICKEL, DISSOLVED (UG/L AS NI)	11/13/73-10/01/96	22 ##	5.	4.591	5.	0.	1.777	1.333	2.2	5.	5.	5.
01075	SILVER, DISSOLVED (UG/L AS AG)	05/24/89-10/01/96	23 ##	0.5	0.915	6.	0.1	2.714	1.647	0.1	0.25	0.5	4.4
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	05/24/89-10/01/96	20	50.5	50.7	59.	42.	17.063	4.131	42.6	49.	53.	55.9
01085	VANADIUM, DISSOLVED (UG/L AS V)	05/24/89-10/01/96	20 ##	3.	3.	3.	3.	0.	0.	3.	3.	3.	3.
01090	ZINC, DISSOLVED (UG/L AS ZN)	06/15/78-10/01/96	20 ##	1.5	2.35	9.	1.5	3.318	1.822	1.5	1.5	3.	4.8
01130	LITHIUM, DISSOLVED (UG/L AS LI)	05/24/89-10/01/96	20 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/17/82-09/17/91	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/17/82-09/17/91	1 ##	-0.301	-0.301	-0.301	-0.301	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			0.5								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	06/17/82-10/01/96	6	1.	0.833	1.	0.5	0.067	0.258	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	06/17/82-10/01/96	6	0.	-0.1	0.	-0.301	0.024	0.155	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			0.794								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/24/89-10/01/96	20	40.	37.8	54.	0.	214.484	14.645	2.2	35.75	47.5	49.
70953	CHLOROPHYLL-A,PHYTOPLANKTON UG/L,CHROMO-FLUORO	05/24/89-10/01/96	9	3.6	3.6	5.7	2.5	0.795	0.892	2.5	3.	3.7	5.7
70954	CHLOROPHYLL-B,PHYTOPLANKTON UG/L,CHROMO-FLUORO	05/24/89-10/01/96	9	0.2	0.172	0.3	0.05	0.013	0.112	0.05	0.05	0.3	0.3
71887	NITROGEN, TOTAL, AS NO3 - MG/L	11/13/73-07/29/81	2	9.45	9.45	17.	1.9	114.005	10.677	**	**	**	**

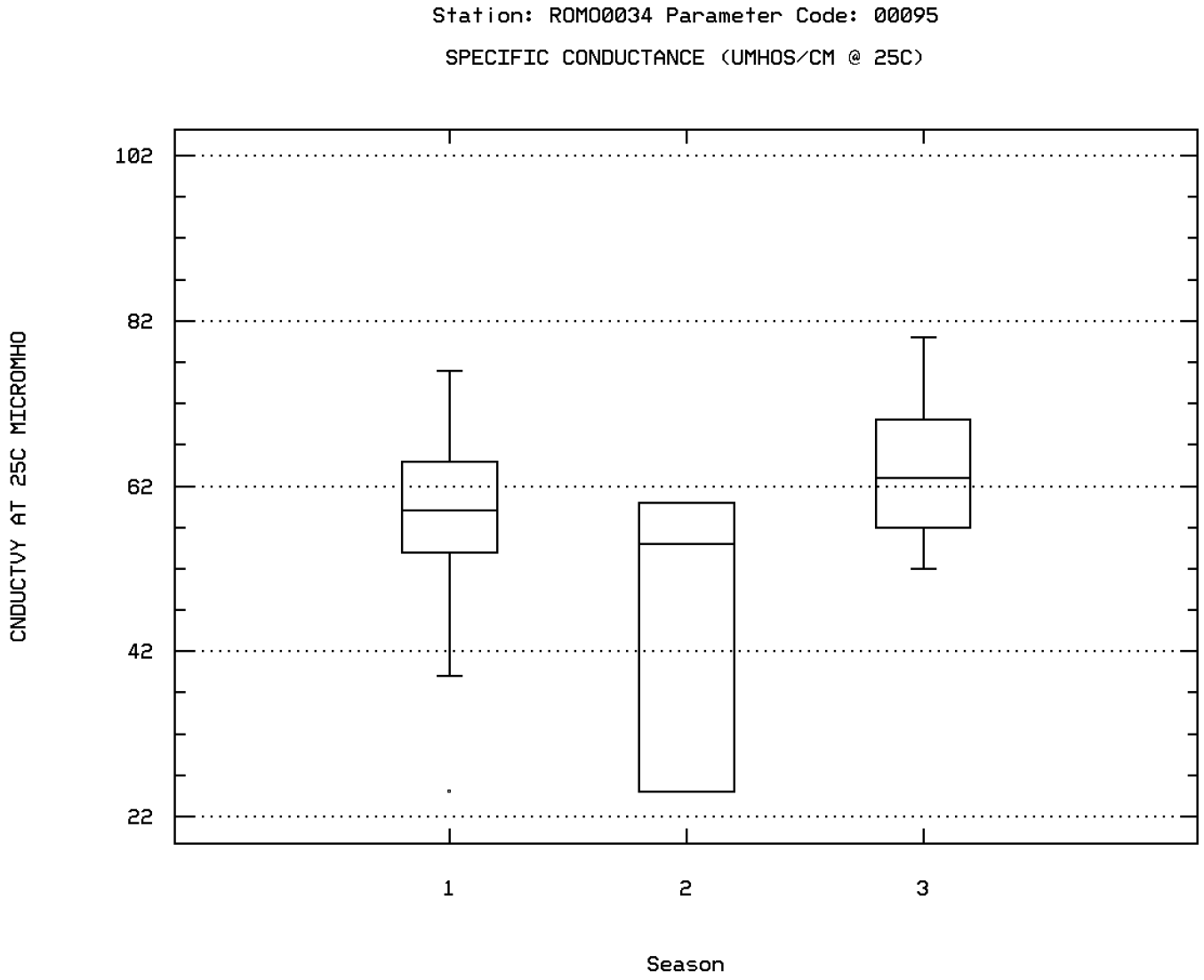
** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: ROMO0034 Parameter Code: 00077

TRANSPARENCY, SECCHI DISC (INCHES)



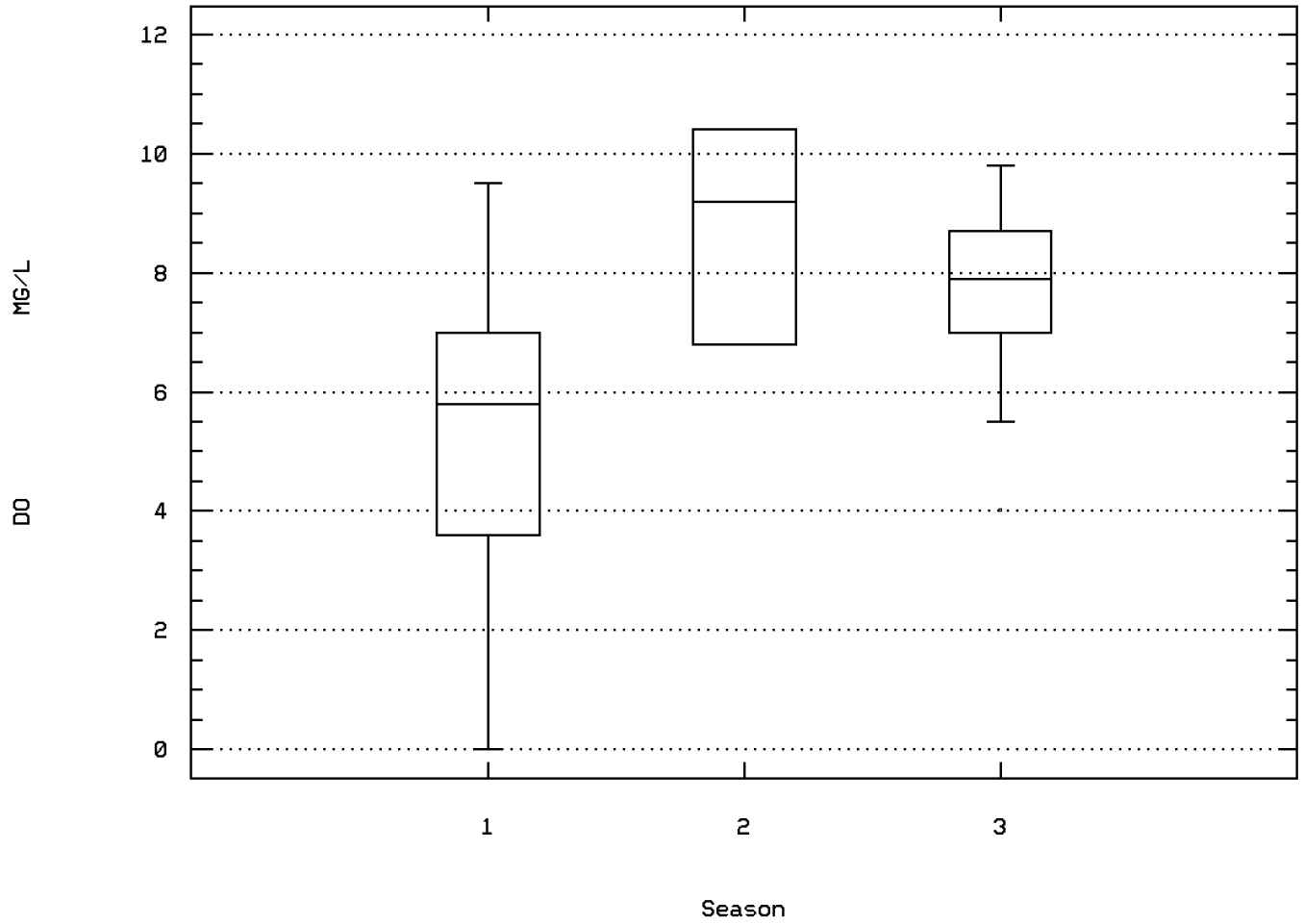
LAKE GRANBY NEAR GRANBY, CO.



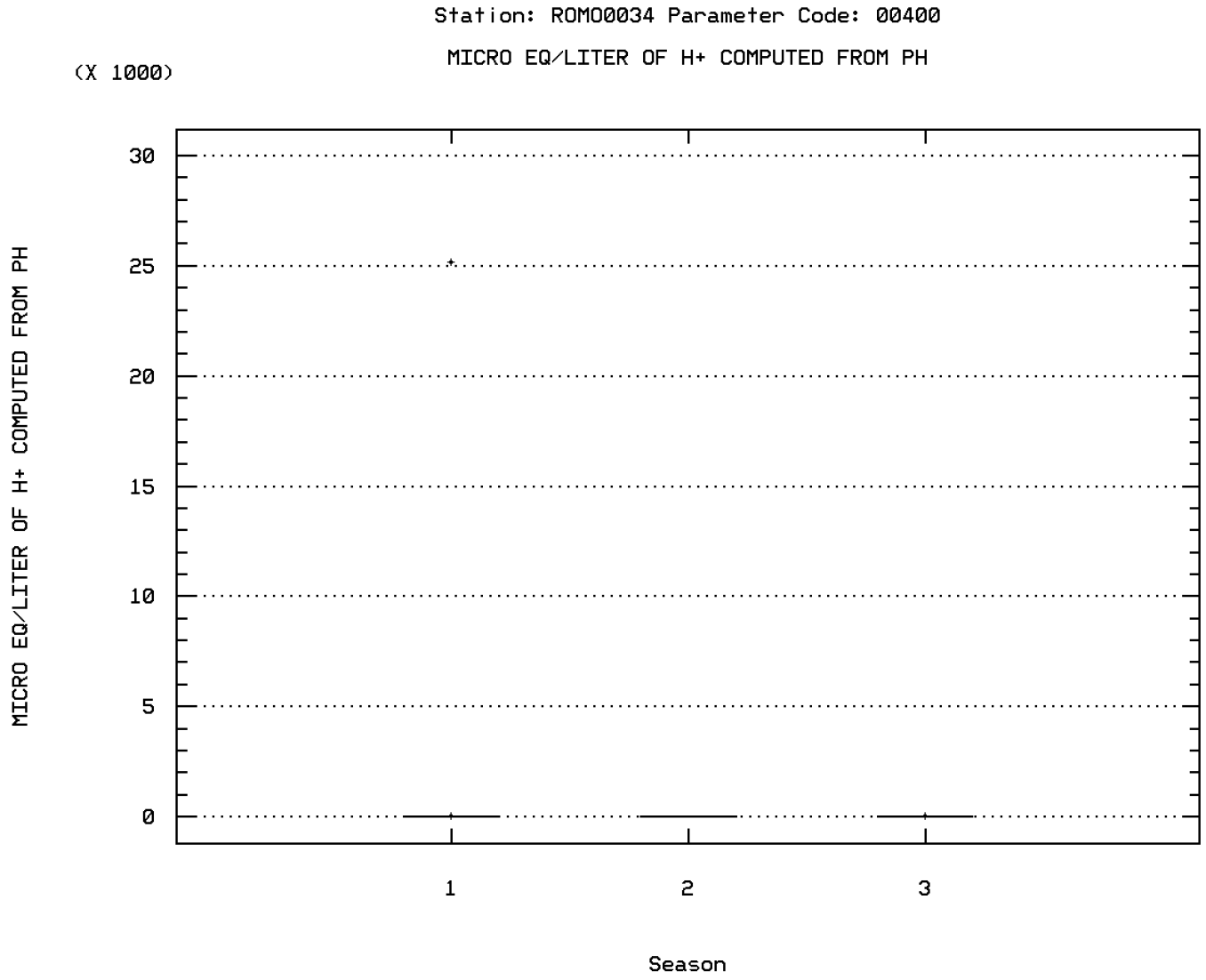
LAKE GRANBY NEAR GRANBY, CO.

Station: ROMO0034 Parameter Code: 00300

OXYGEN, DISSOLVED



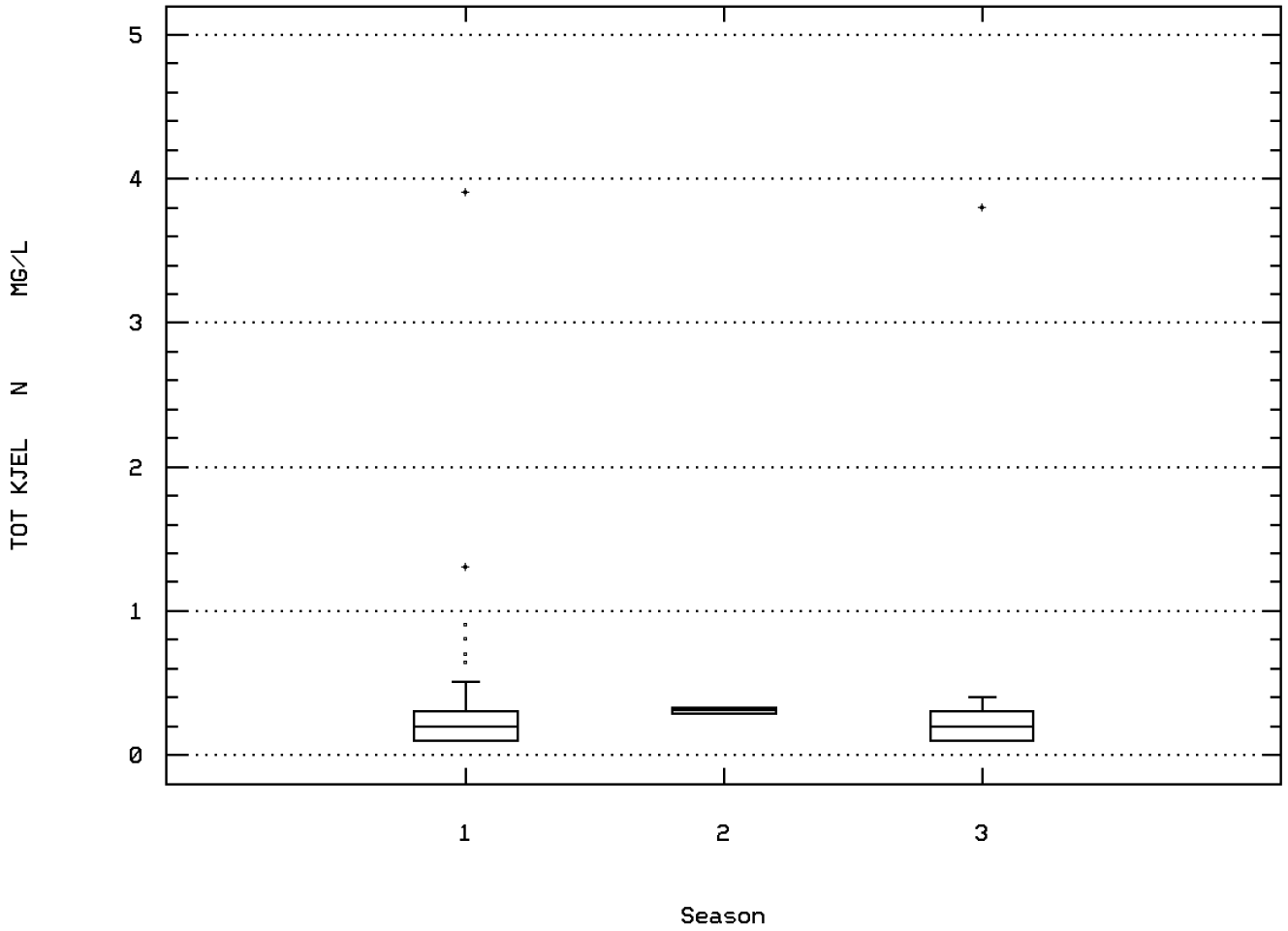
LAKE GRANBY NEAR GRANBY, CO.



LAKE GRANBY NEAR GRANBY, CO.

Station: ROMO0034 Parameter Code: 00625

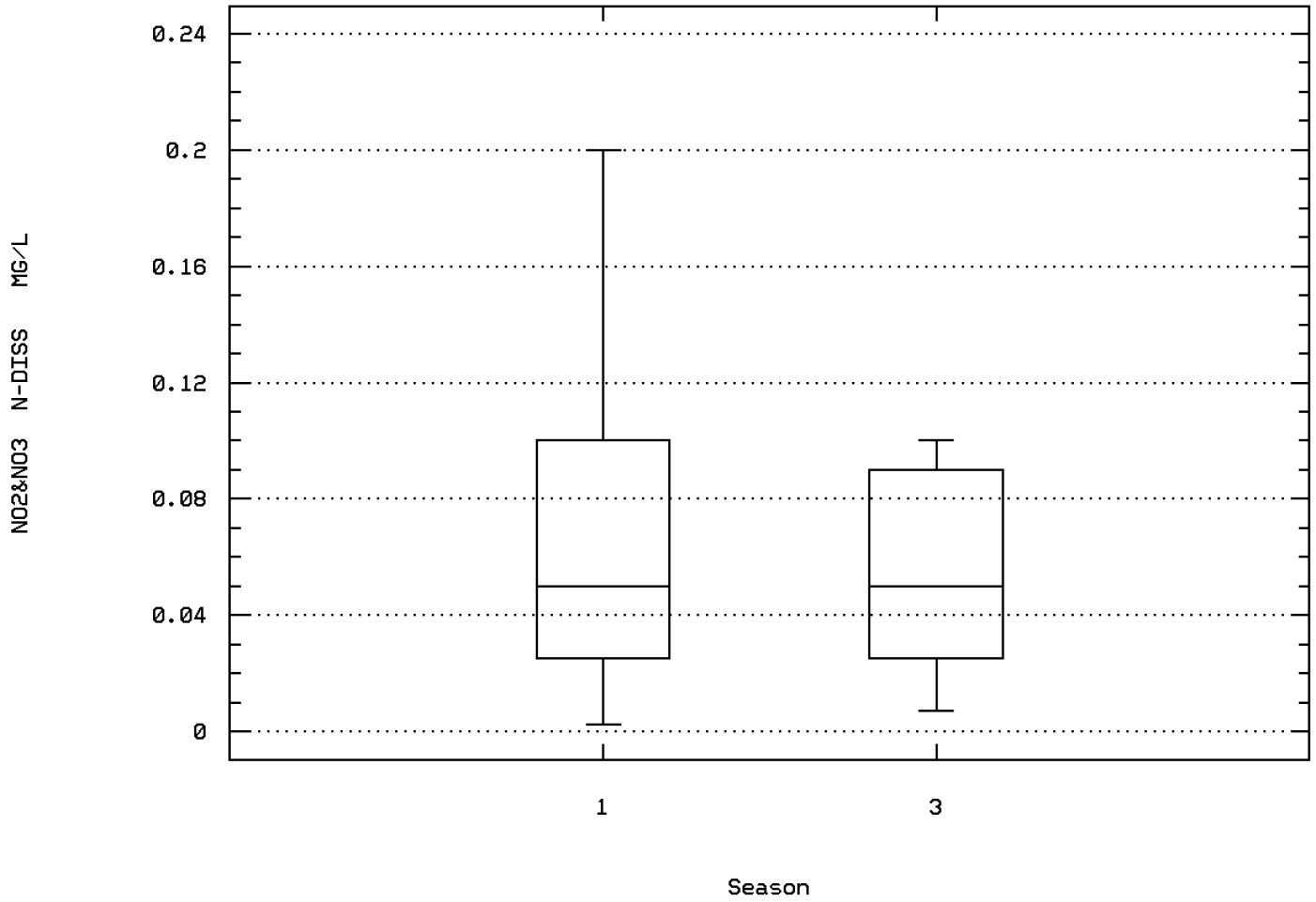
NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)



LAKE GRANBY NEAR GRANBY, CO.

Station: ROMO0034 Parameter Code: 00631

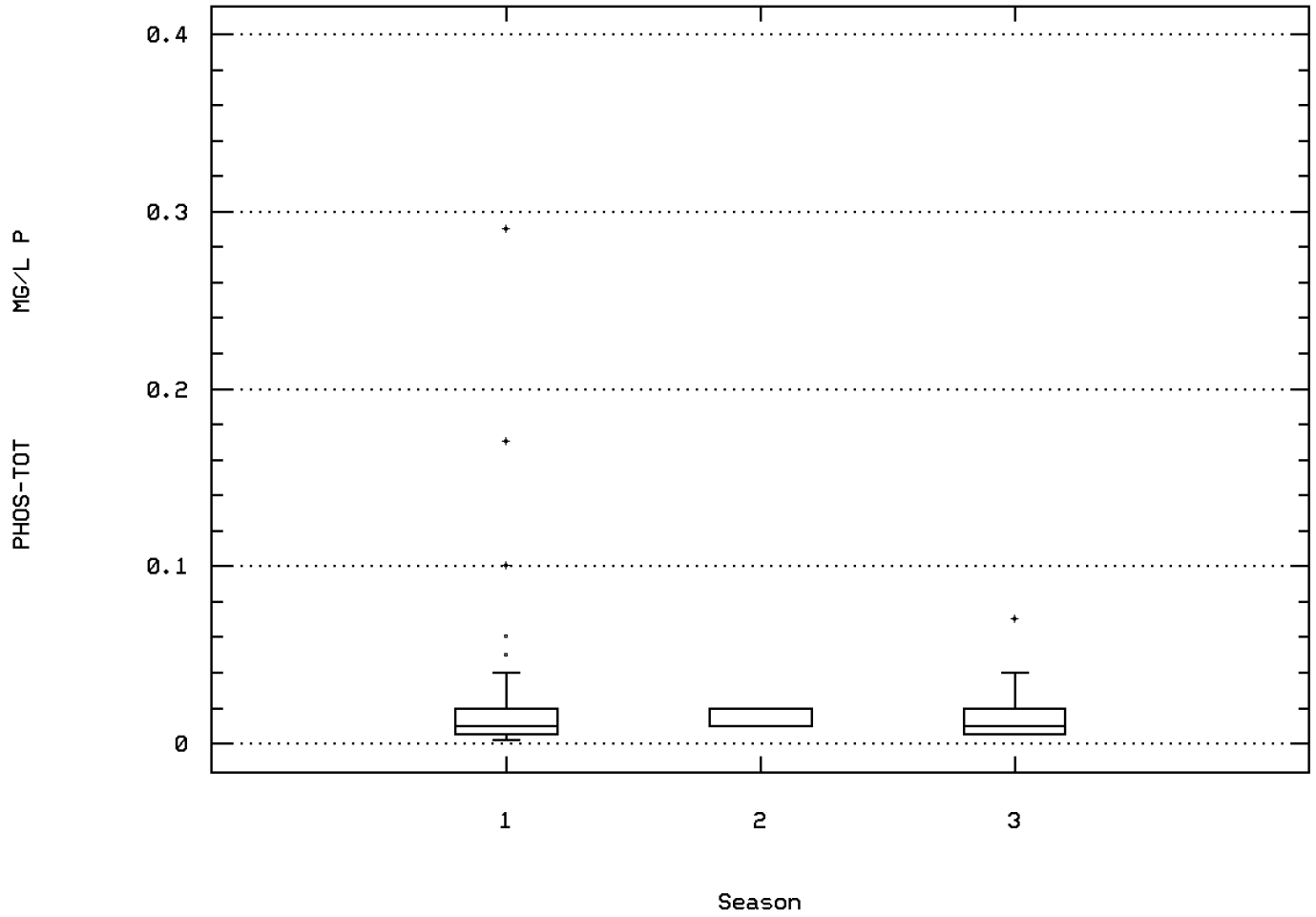
NITRITE PLUS NITRATE, DISS. 1 DET. (MG/



LAKE GRANBY NEAR GRANBY, CO.

Station: ROMO0034 Parameter Code: 00665

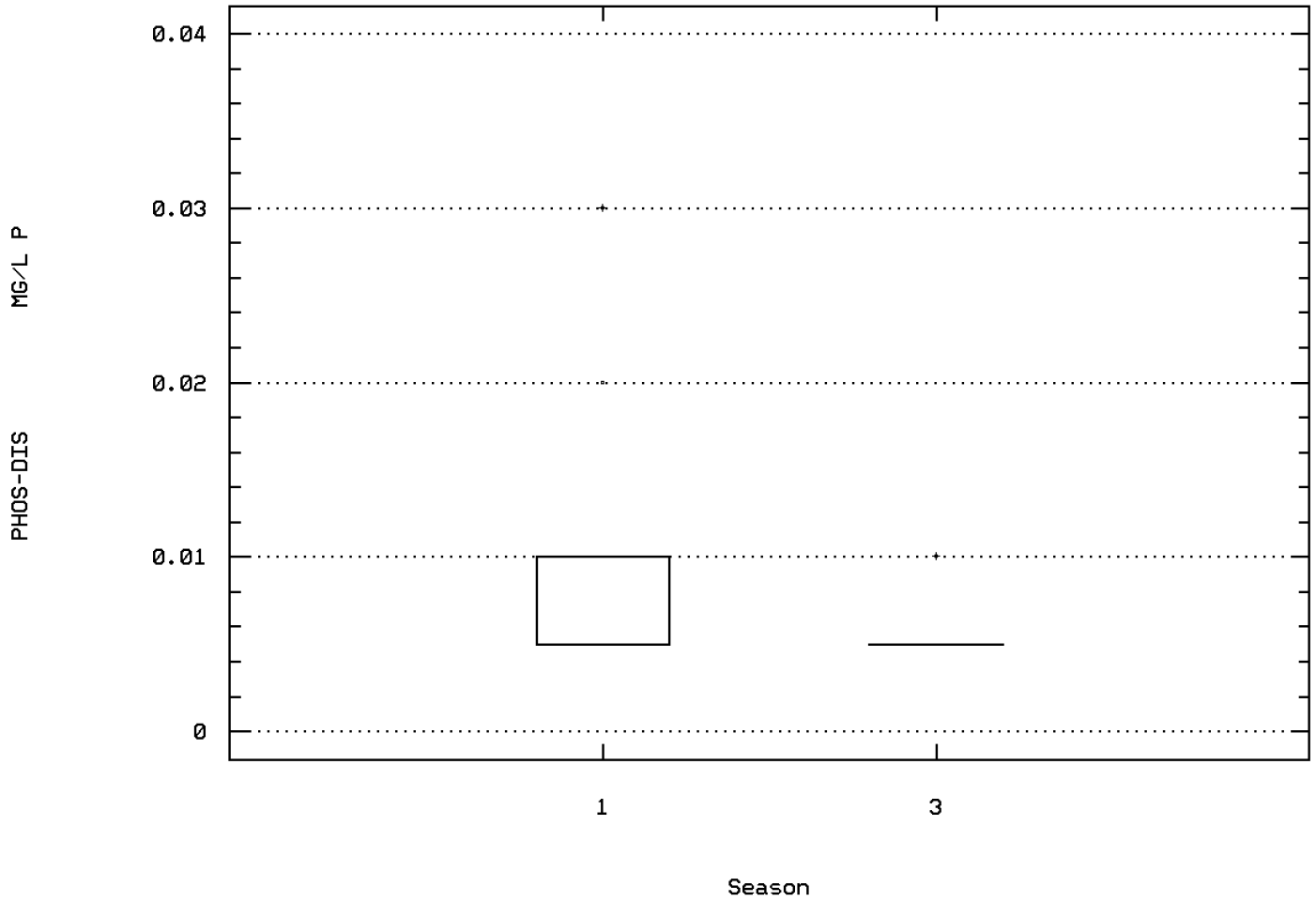
PHOSPHORUS, TOTAL (MG/L AS P)



LAKE GRANBY NEAR GRANBY, CO.

Station: ROMO0034 Parameter Code: 00666

PHOSPHORUS, DISSOLVED (MG/L AS P)

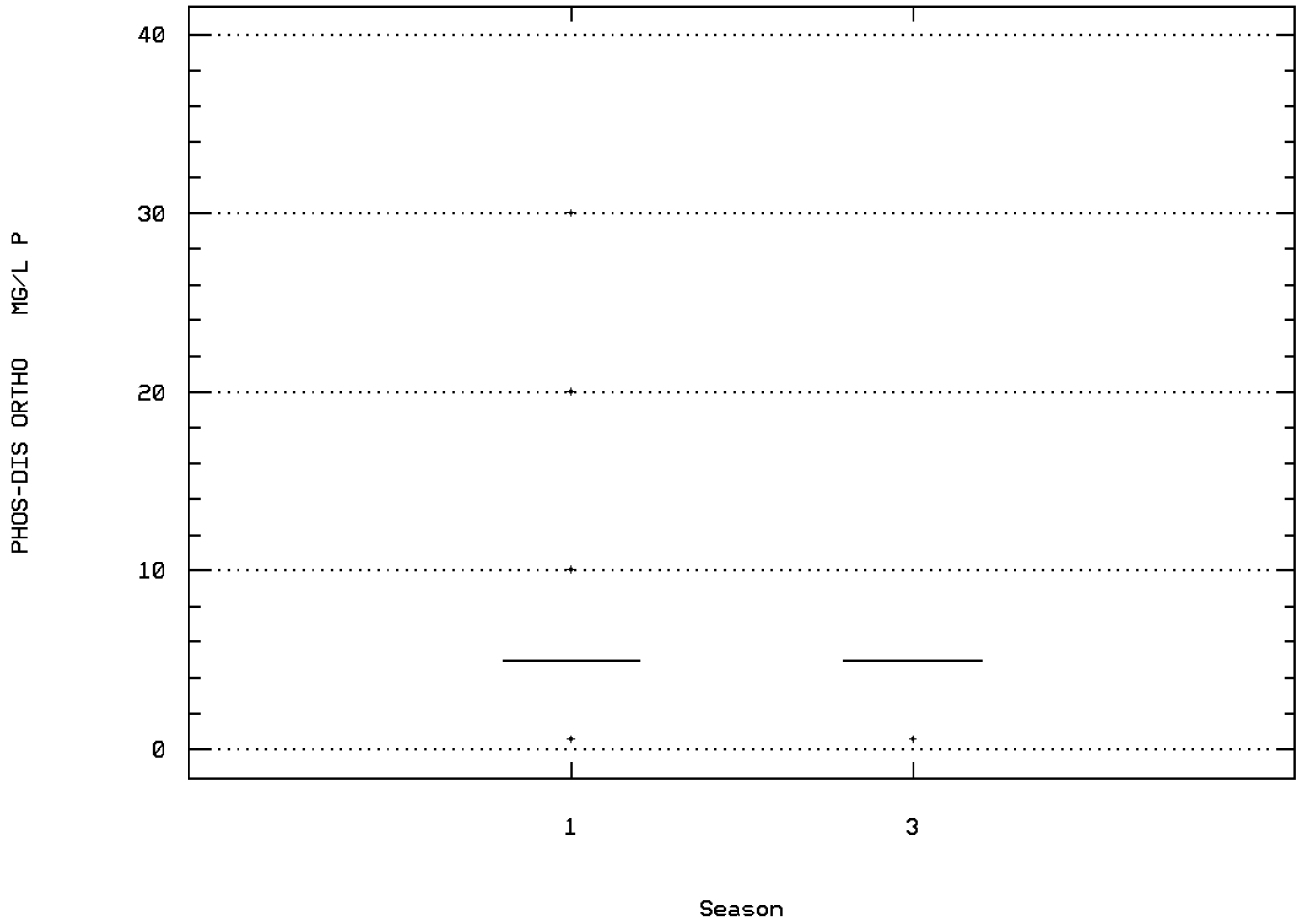


LAKE GRANBY NEAR GRANBY, CO.

Station: ROMO0034 Parameter Code: 00671

PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (M

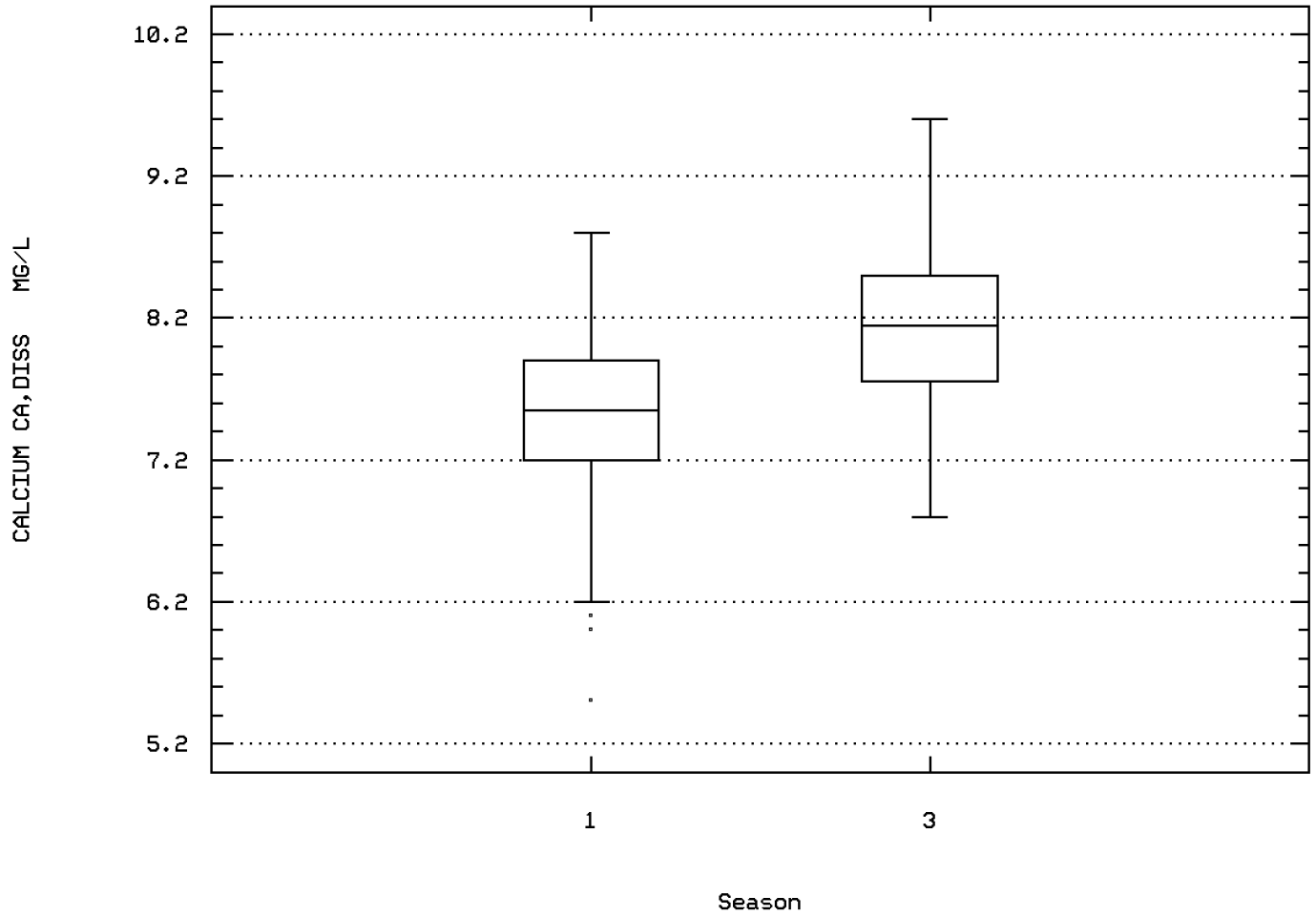
(X 0.001)



LAKE GRANBY NEAR GRANBY, CO.

Station: ROMO0034 Parameter Code: 00915

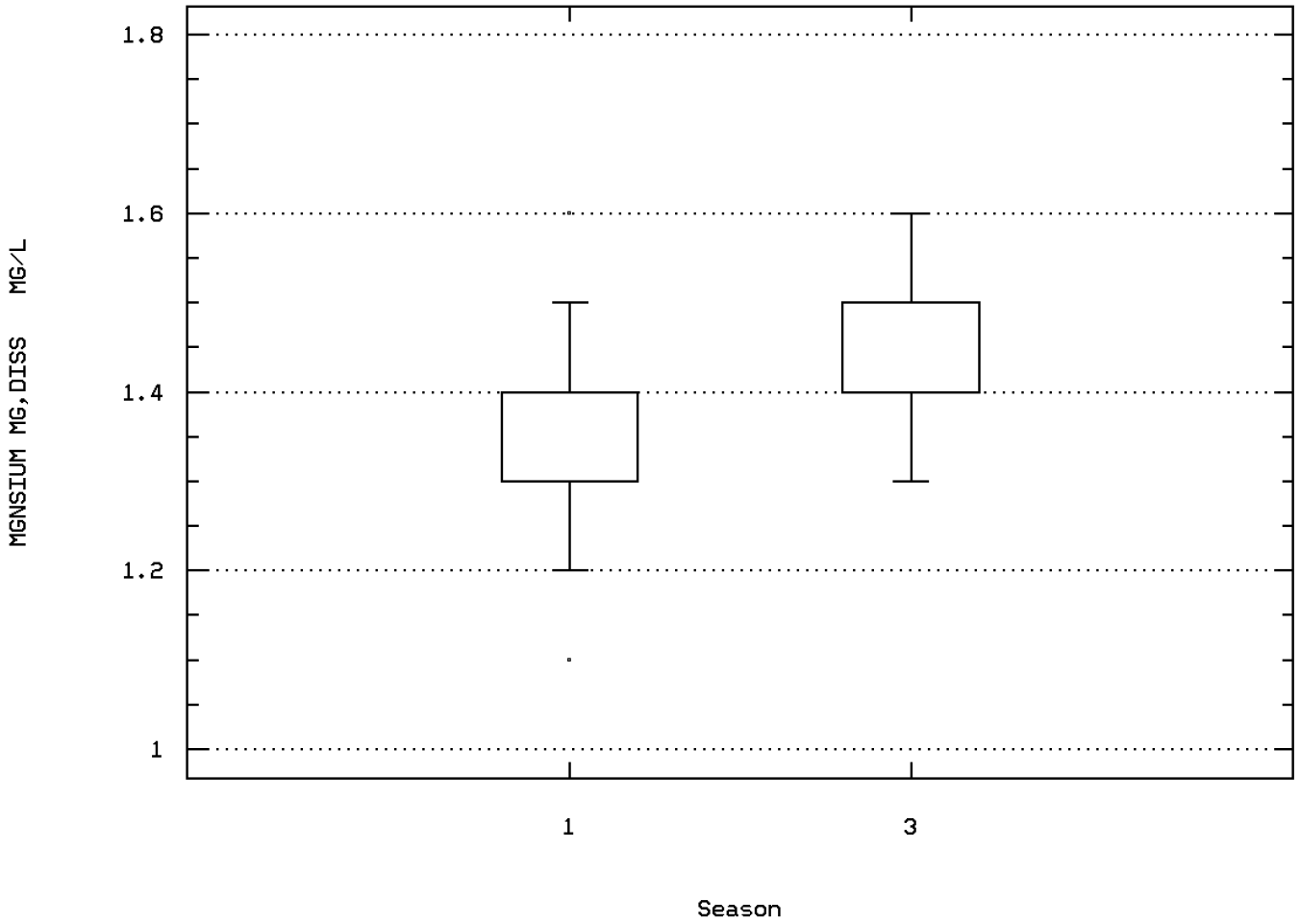
CALCIUM, DISSOLVED (MG/L AS CA)



LAKE GRANBY NEAR GRANBY, CO.

Station: ROMO0034 Parameter Code: 00925

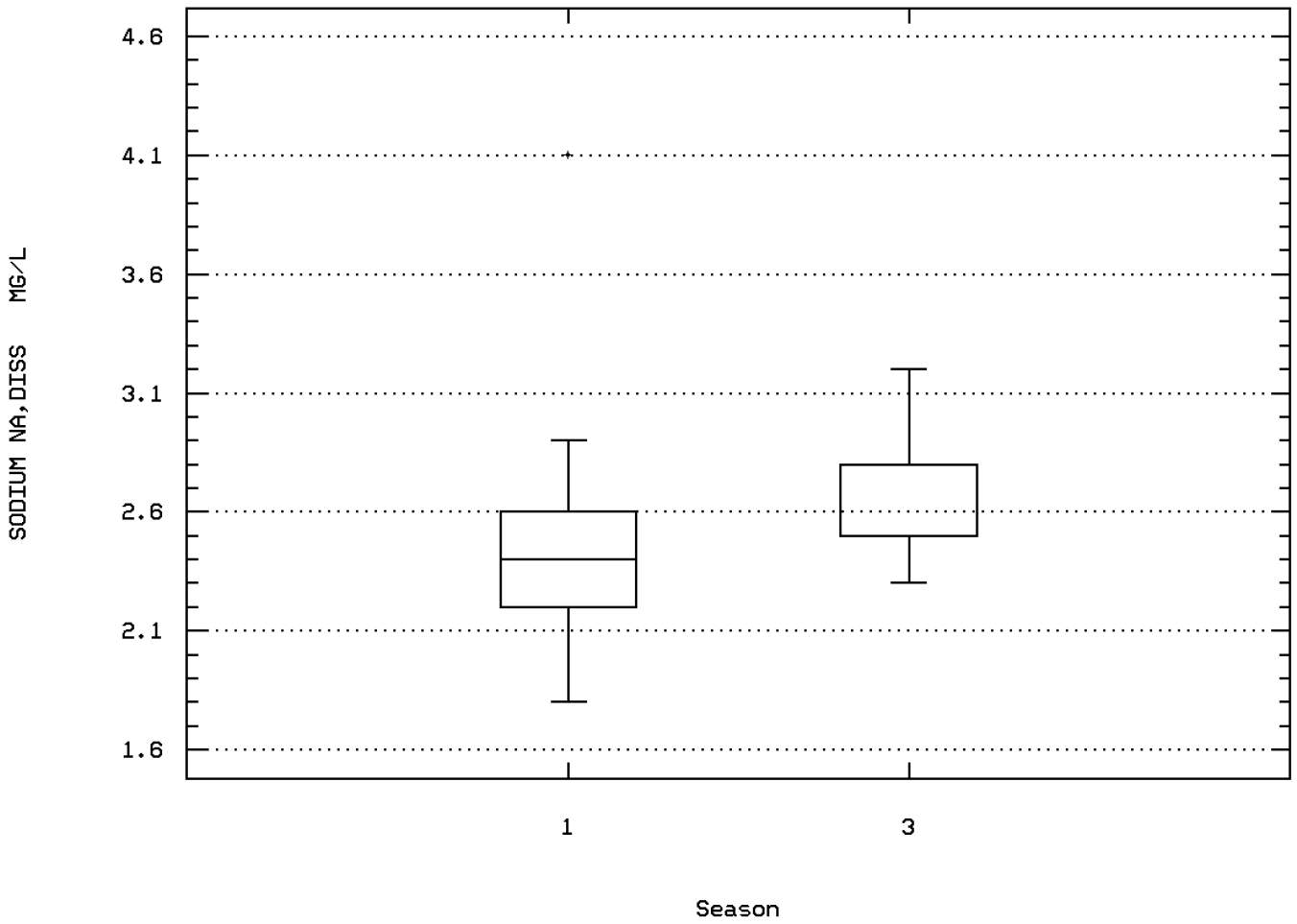
MAGNESIUM, DISSOLVED (MG/L AS MG)



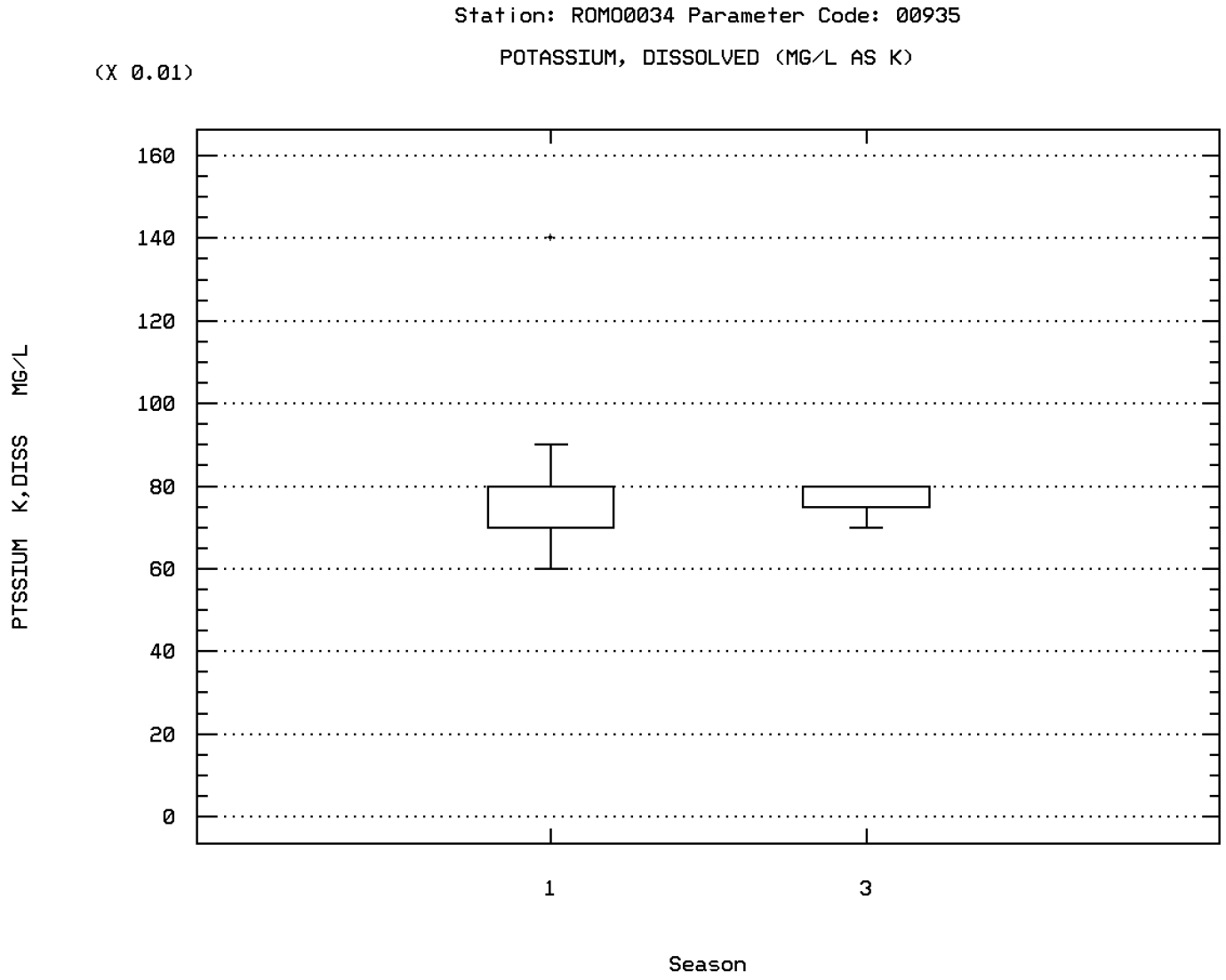
LAKE GRANBY NEAR GRANBY, CO.

Station: ROMO0034 Parameter Code: 00930

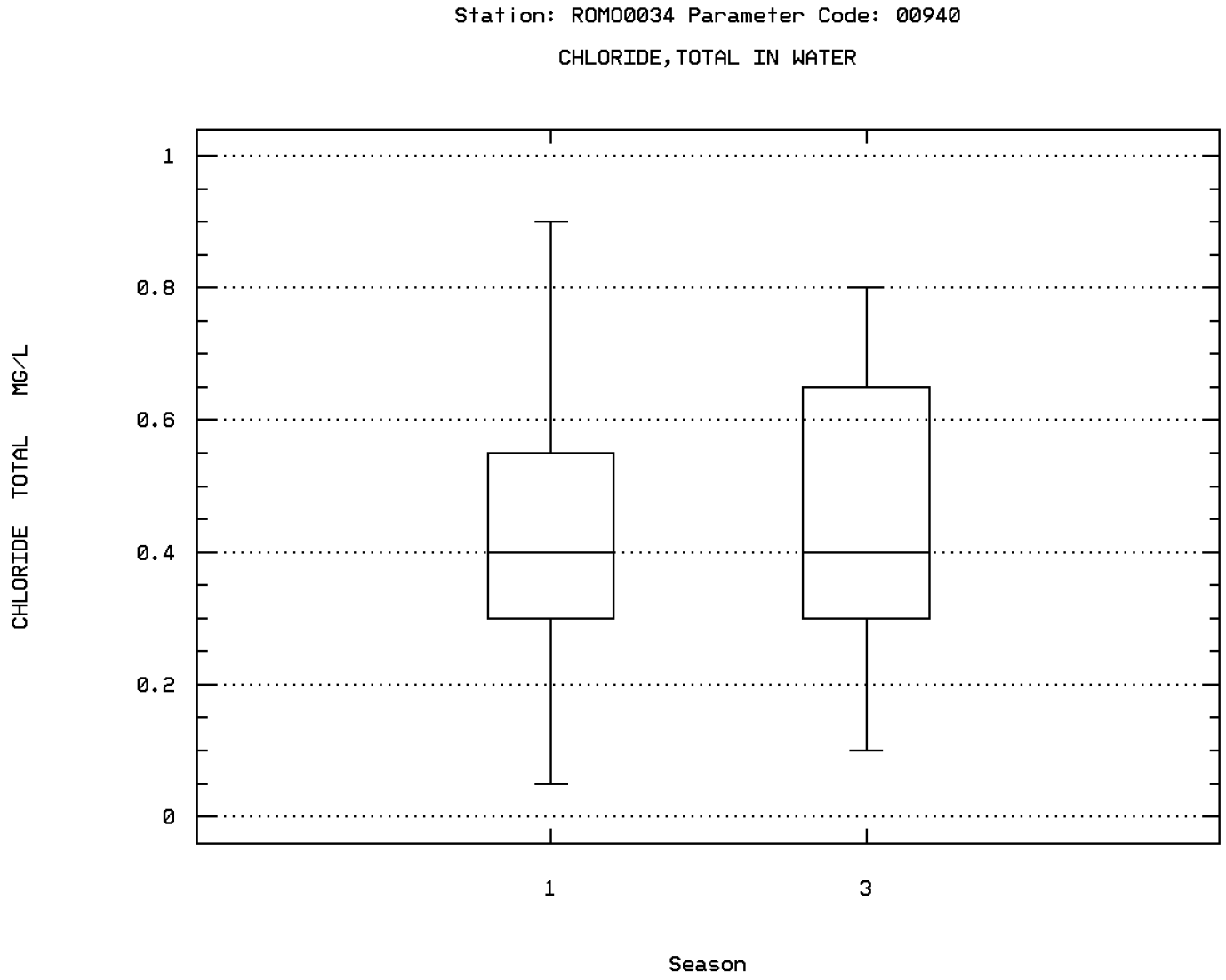
SODIUM, DISSOLVED (MG/L AS NA)



LAKE GRANBY NEAR GRANBY, CO.



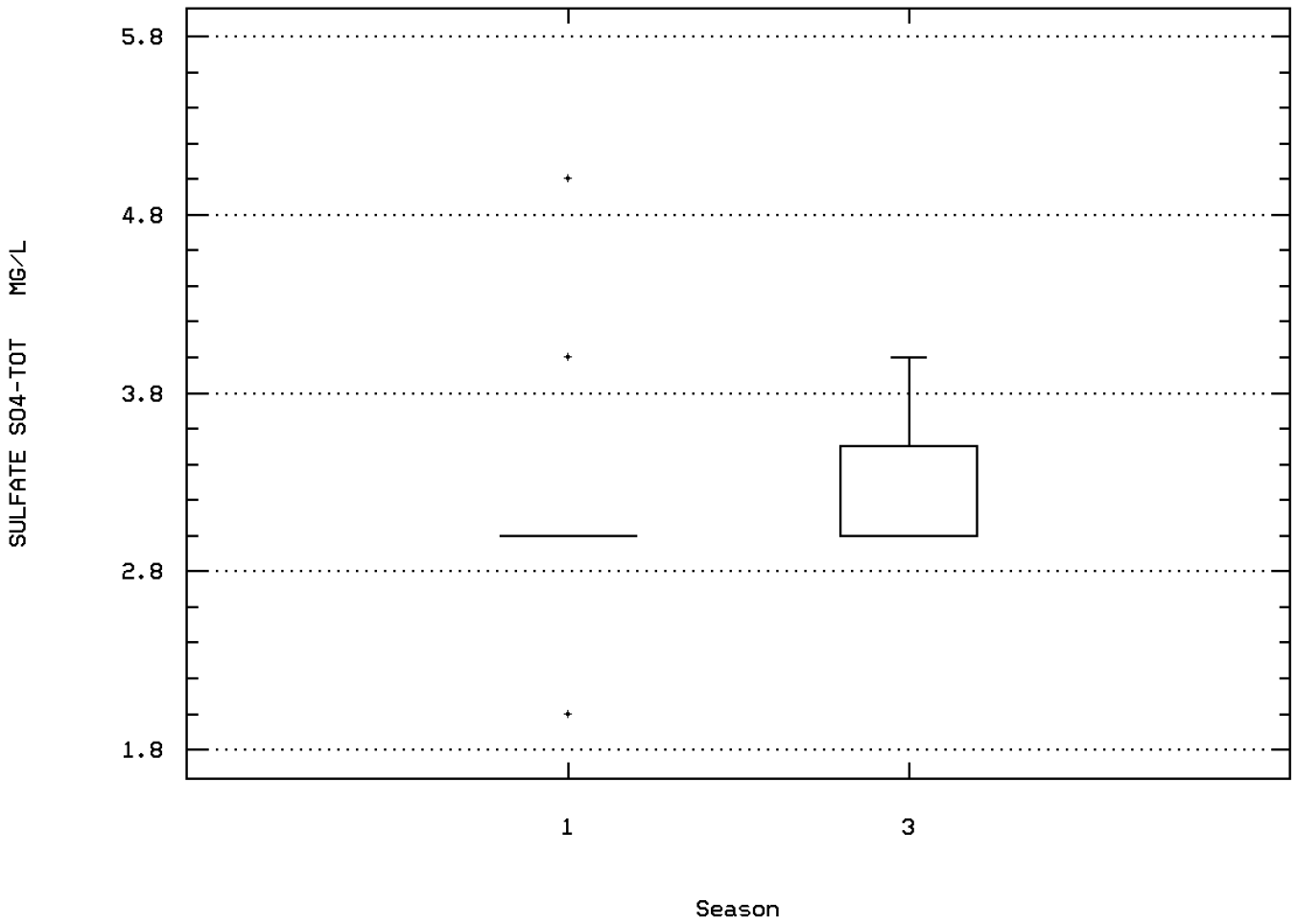
LAKE GRANBY NEAR GRANBY, CO.



LAKE GRANBY NEAR GRANBY, CO.

Station: ROMO0034 Parameter Code: 00945

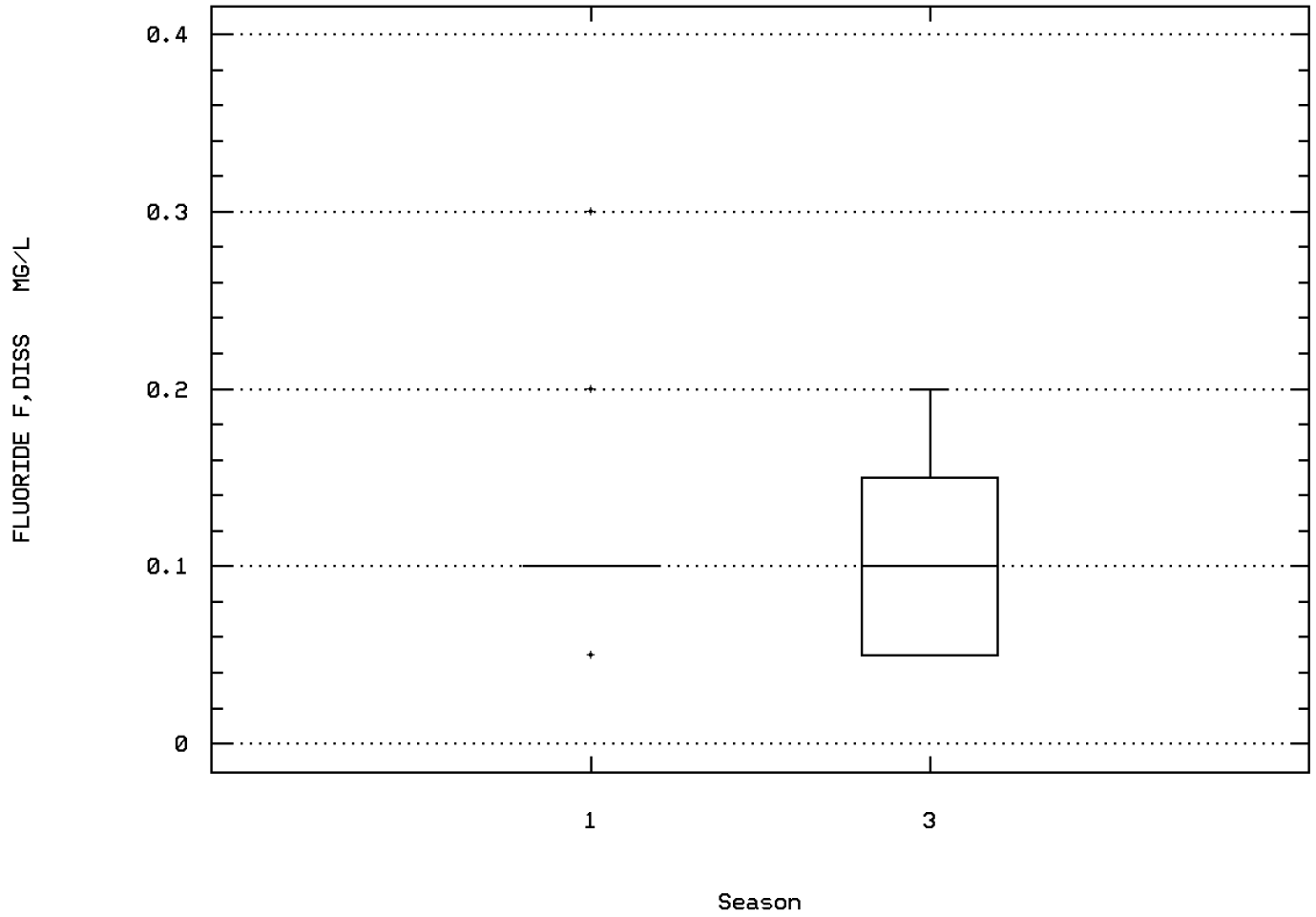
SULFATE, TOTAL (MG/L AS SO4)



LAKE GRANBY NEAR GRANBY, CO.

Station: ROMO0034 Parameter Code: 00950

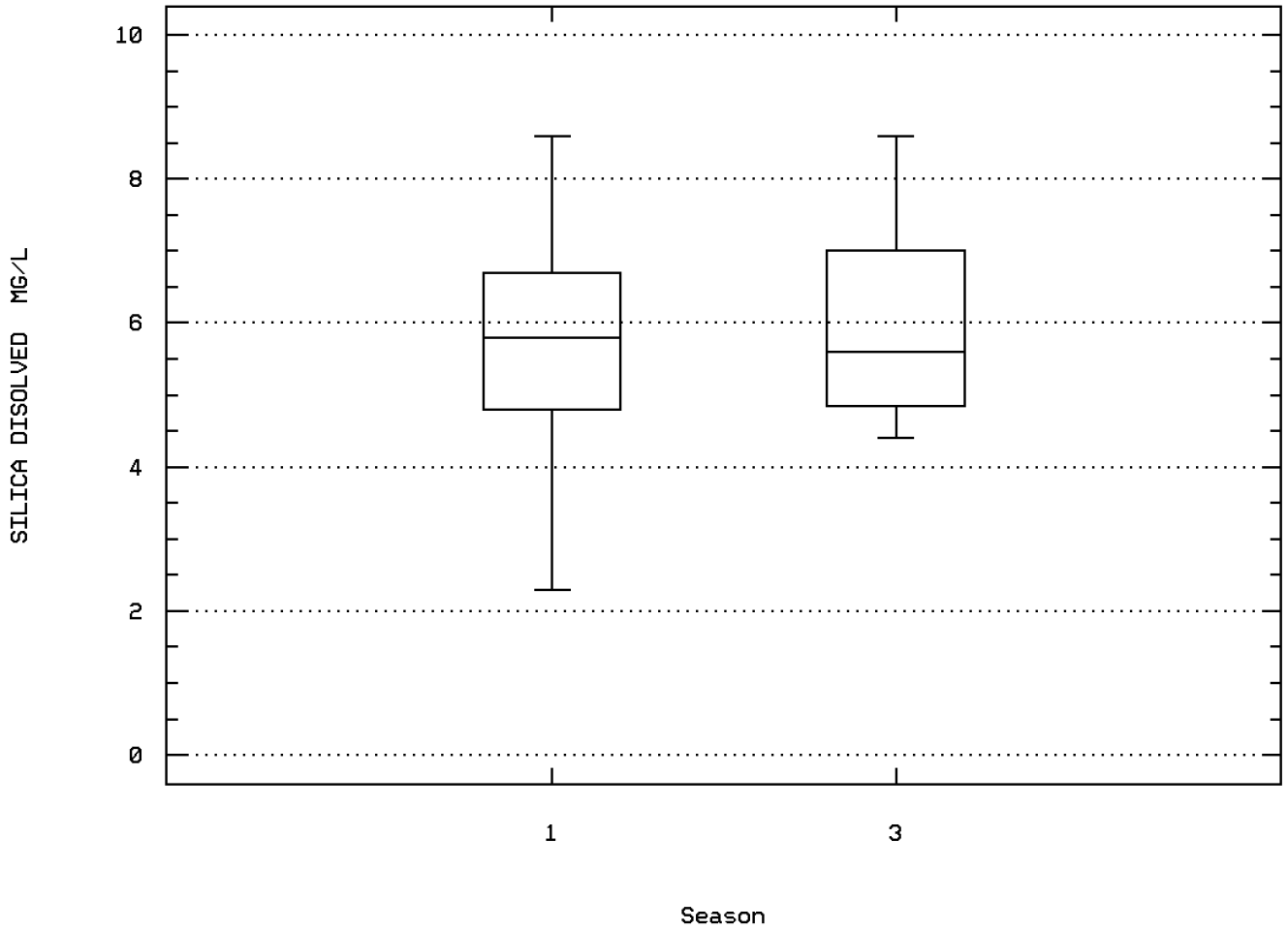
FLUORIDE, DISSOLVED (MG/L AS F)



LAKE GRANBY NEAR GRANBY, CO.

Station: ROMO0034 Parameter Code: 00955

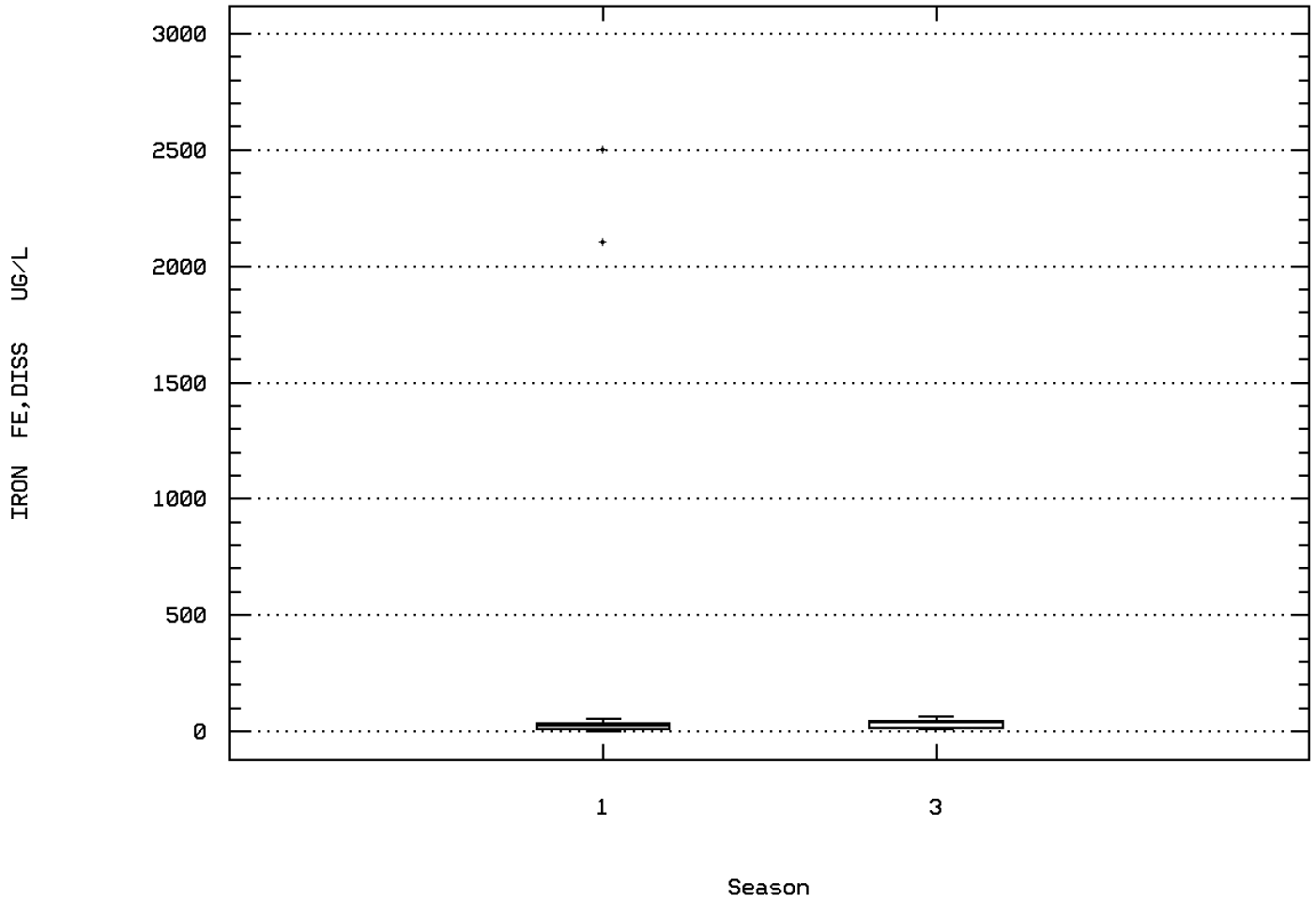
SILICA, DISSOLVED (MG/L AS SI02)



LAKE GRANBY NEAR GRANBY, CO.

Station: ROMO0034 Parameter Code: 01046

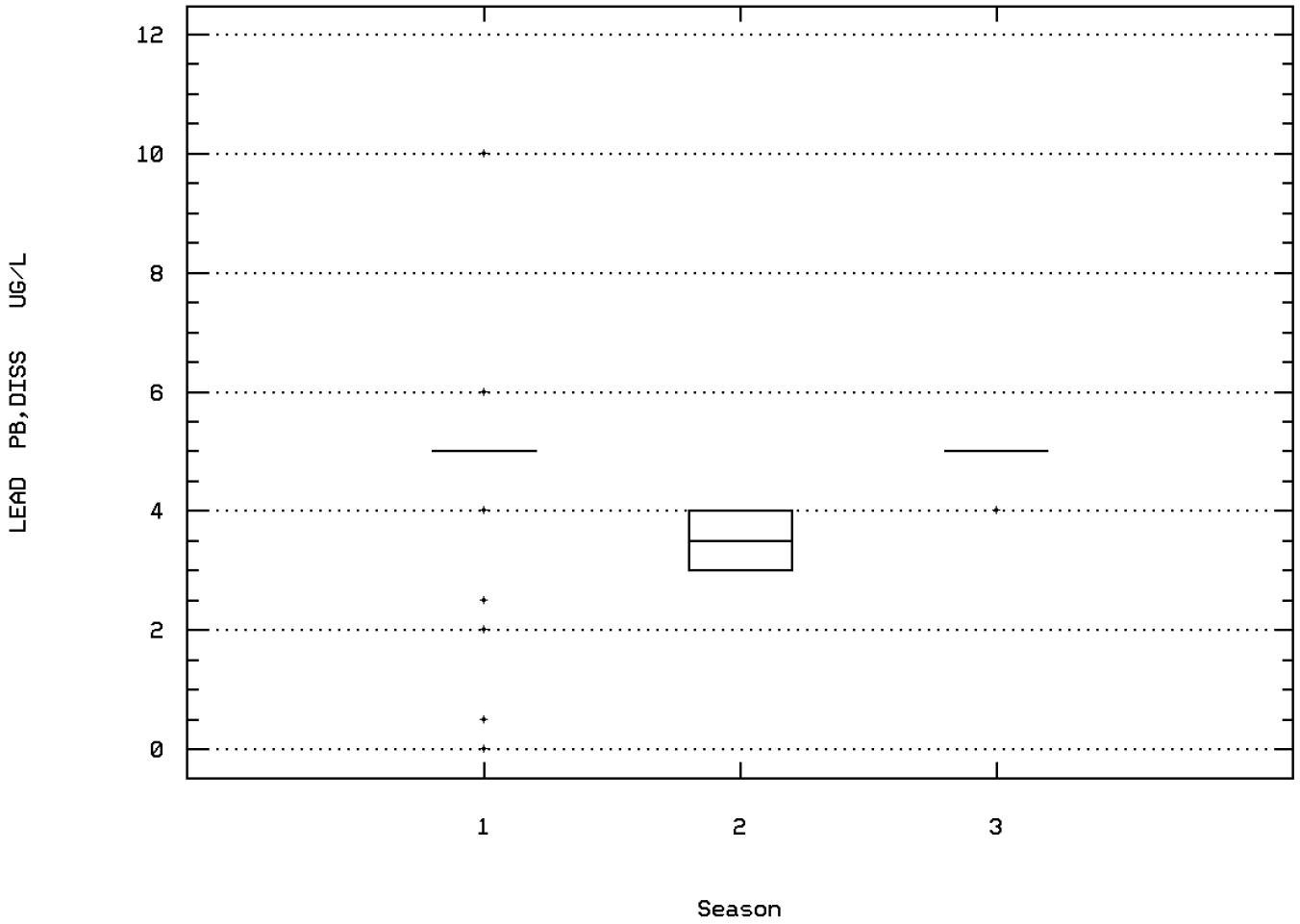
IRON, DISSOLVED (UG/L AS FE)



LAKE GRANBY NEAR GRANBY, CO.

Station: ROMO0034 Parameter Code: 01049

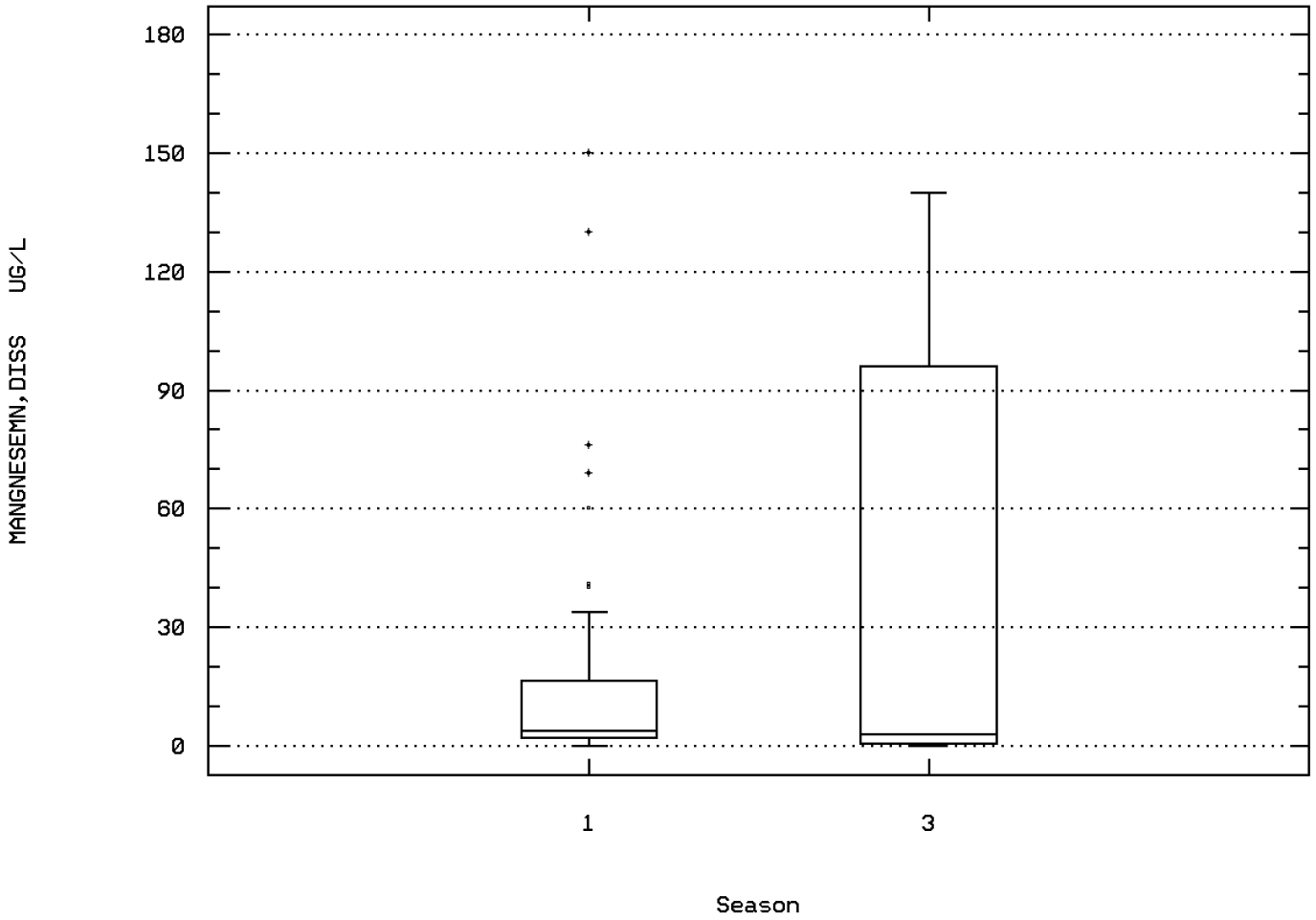
LEAD, DISSOLVED (UG/L AS PB)



LAKE GRANBY NEAR GRANBY, CO.

Station: ROMO0034 Parameter Code: 01056

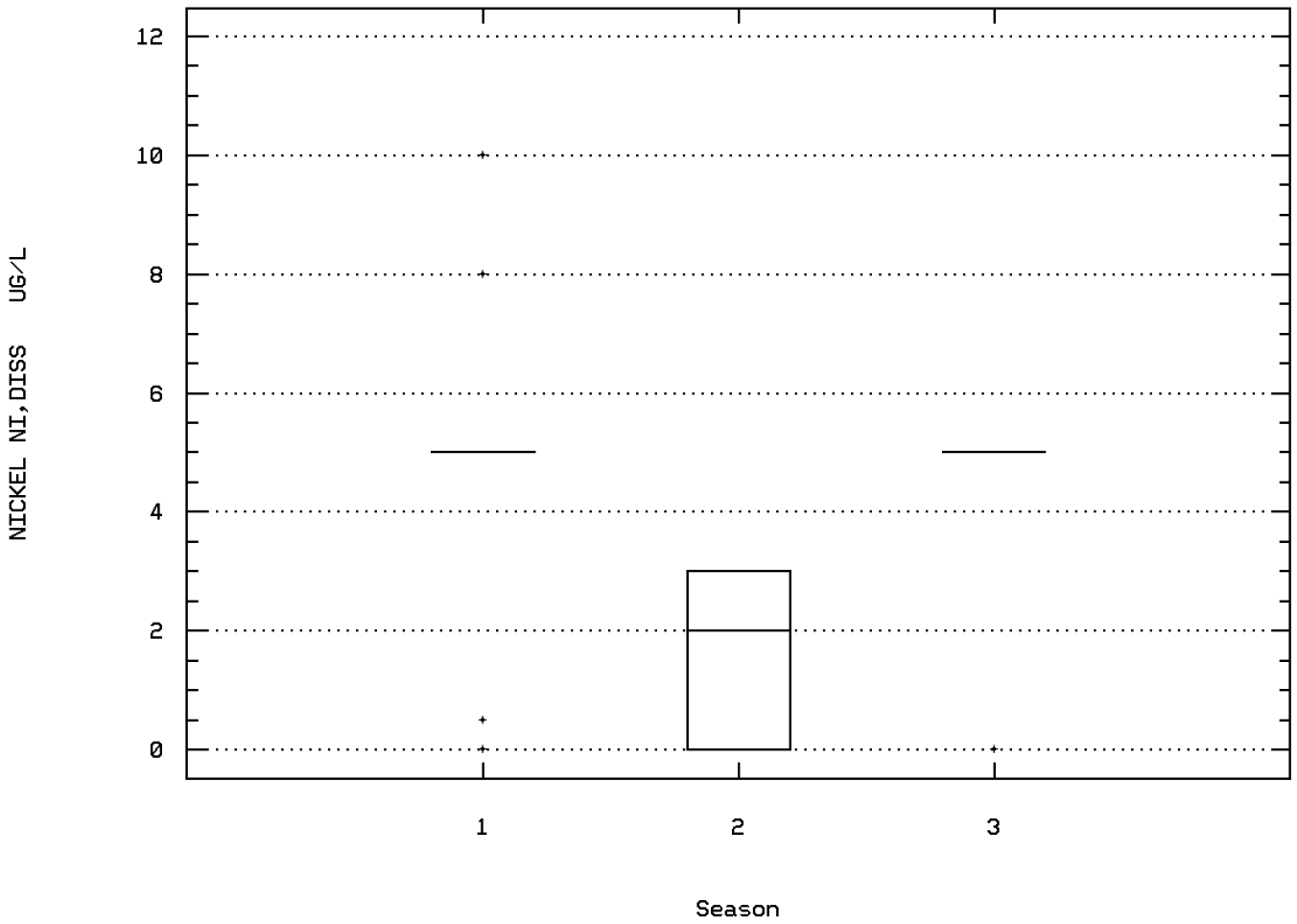
MANGANESE, DISSOLVED (UG/L AS MN)



LAKE GRANBY NEAR GRANBY, CO.

Station: ROMO0034 Parameter Code: 01065

NICKEL, DISSOLVED (UG/L AS NI)



LAKE GRANBY NEAR GRANBY, CO.

Station Inventory for Station: ROMO0035

NPS Station ID: ROMO0035 | LAT/LON: 40.183337/-105.592504 | Agency: 12WLS1 | Date Created: 09/03/88
Location: FINCH LAKE | FIPS State/County: 08013 COLORADO/BOULDER
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): 4E1-038
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 10190005 | Depth of Water: 6 | Aquifer:
Major Basin: | Elevation: 0 | Water Body Id:
Minor Basin: | ECO Region:
RF1 Index: 10190005 | RF1 Mile Point: 0.000 | Distance from RF1: 15.30 | On/Off RF1:
RF3 Index: 10190005055602.27 | RF3 Mile Point: 2.26 | Distance from RF3: 0.03 | On/Off RF3:
Description:
THIS DATA WAS COLLECTED DURING THE WESTERN LAKE SURVEY-PHASE I (WLS-I) AS PART OF EPA'S NATIONAL SURFACE WATER SURVEY, AQUATIC EFFECTS RESEARCH PROGRAM. THE SURVEY DESIGN, METHODS, AND DATA LIMITATIONS ARE DESCRIBED IN:
LANDERS, D.H., ET AL. 1987. CHARACTERISTICS OF LAKES IN THE WESTERN UNITED STATES. VOL. I. POPULATION DESCRIPTIONS AND PHYSICO-CHEMICAL RELATIONSHIPS. EPA/600/4-86/054A. U.S. ENVIRON. PROT. AGENCY, WASHINGTON, D.C. 176 PP.
THE DATA PRESENTED HERE ARE THOSE REPORTED IN LANDERS ET AL. (1987) WITH THE FOLLOWING EXCEPTIONS: (1) UNITS FOR CHEMICAL PARAMETERS ARE TYPICALLY IN MG/L RATHER THAN MICROEQ/L; (2) NO SUBSTITUTED VALUES ARE PROVIDED FOR SUSPECT DATA; (3) TAGS AND FLAGS USED TO IDENTIFY SUSPICIOUS DATA ARE NOT SHOWN; AND (4) CALCULATED OR DERIVED VARIABLES ARE EXCLUDED.

Parameter Inventory for Station: ROMO0035

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/85-10/04/85	1	3.9	3.9	3.9	3.9	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/04/85-10/04/85	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	10/04/85-10/04/85	1	25.	25.	25.	25.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/04/85-10/04/85	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00154	SULFATE (AS S) WHOLE WATER, MG/L	10/04/85-10/04/85	1	1.722	1.722	1.722	1.722	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	10/04/85-10/04/85	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/04/85-10/04/85	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/04/85-10/04/85	1	0.079	0.079	0.079	0.079	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	10/04/85-10/04/85	1	176.6	176.6	176.6	176.6	0.	0.	**	**	**	**
00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	10/04/85-10/04/85	1	10.3	10.3	10.3	10.3	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/04/85-10/04/85	1	4.4	4.4	4.4	4.4	0.	0.	**	**	**	**
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	10/04/85-10/04/85	1	2.7	2.7	2.7	2.7	0.	0.	**	**	**	**
00910	CALCIUM (MG/L AS CACO3)	10/04/85-10/04/85	1	2.1	2.1	2.1	2.1	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/04/85-10/04/85	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/04/85-10/04/85	1	2.37	2.37	2.37	2.37	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/04/85-10/04/85	1	0.17	0.17	0.17	0.17	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/04/85-10/04/85	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/04/85-10/04/85	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/04/85-10/04/85	1	5.9	5.9	5.9	5.9	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/04/85-10/04/85	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	10/04/85-10/04/85	1	39.	39.	39.	39.	0.	0.	**	**	**	**
70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	10/04/85-10/04/85	1	0.023	0.023	0.023	0.023	0.	0.	**	**	**	**

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

Parameter Inventory for Station: ROMO0035

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/04/85-10/04/85	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
71885	IRON (UG/L AS FE)	10/04/85-10/04/85	1	33.	33.	33.	33.	0.	0.	**	**	**	**
72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	10/04/85-10/04/85	1	9918.05	9918.05	9918.05	9918.05	0.	0.	**	**	**	**
82047	DEPTH TO THE TOP OF THE SAMPLING INTERVAL (METERS)	10/04/85-10/04/85	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/04/85-10/04/85	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0035

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00154	SULFATE (AS S) WHOLE WATER	Drinking Water	250.	1	0	0.00	1	0	0.00									
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: ROMO0036

NPS Station ID: ROMO0036
LAT/LON: 40.183337/-105.866671
Agency: 1118EPA8
Date Created: 08/31/76
Location: GRANBY LK IN RAINBOW BAY
FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): GRANBY LK L-10
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14010001
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 0
Water Body Id:
Minor Basin: UPPER COLORADO R.
ECO Region:
RF1 Index: 14010001
RF1 Mile Point: 0.000
Distance from RF1: 1.60
On/Off RF1:
RF3 Index: 14010001003000.90
RF3 Mile Point: 3.10
Distance from RF3: 0.01
On/Off RF3:
Description:
DATA EXTRACTED FROM WATER QUALITY CONDITIONS IN SHADOW MTN,GRAND LAKE,GR ANBY LAKE REPORT PACIFIC SOUTHWEST REGION-EPA DEC.1970

Parameter Inventory for Station: ROMO0036

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/29/69-09/02/69	4	25.	29.	66.	0.	1164.	34.117	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/29/69-09/02/69	4	14.5	14.5	18.	11.	16.333	4.041	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/29/69-09/02/69	4	55.	56.25	60.	55.	6.25	2.5	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/29/69-09/02/69	4	5.85	5.9	7.8	4.1	2.66	1.631	**	**	**	**
00400	PH (STANDARD UNITS)	08/29/69-09/02/69	4	7.2	7.325	7.9	7.	0.163	0.403	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/29/69-09/02/69	4	7.189	7.218	7.9	7.	0.178	0.422	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/29/69-09/02/69	4	0.065	0.061	0.1	0.013	0.001	0.038	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	08/29/69-09/02/69	4	0.165	0.178	0.23	0.15	0.001	0.038	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/29/69-09/02/69	4 ##	0.26	0.26	0.5	0.02	0.077	0.277	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/29/69-09/02/69	4	0.08	0.079	0.13	0.025	0.002	0.049	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/29/69-09/02/69	4	0.18	0.193	0.25	0.16	0.002	0.043	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/29/69-09/02/69	4	0.05	0.063	0.14	0.01	0.004	0.06	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/29/69-09/02/69	4	0.066	0.058	0.088	0.013	0.001	0.036	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0036

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	0	0.00	4	0	0.00									
00400	PH	Fresh Chronic	9.	4	0	0.00	4	0	0.00									
		Other-Lo Lim.	6.5	4	0	0.00	4	0	0.00									
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	4	0	0.00	4	0	0.00									

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

Station Inventory for Station: ROMO0037

NPS Station ID: ROMO0037
LAT/LON: 40.183337/-105.866671
Agency: 1118EPA8
Date Created: 08/31/76
Location: GRANBY LK MID.ARAPAHO BAY
FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): GRANBY LK L-14
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14010001
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 0
Water Body Id:
Minor Basin: UPPER COLORADO R.
ECO Region:
RF1 Index: 14010001
RF1 Mile Point: 0.000
Distance from RF1: 0.60
On/Off RF1:
RF3 Index: 14010001004201.95
RF3 Mile Point: 3.44
Distance from RF3: 0.10
On/Off RF3:
Description:
DATA EXTRACTED FROM WATER QUALITY CONDITIONS IN SHADOW MTN,GRAND LAKE,GR ANBY LAKE REPORT PACIFIC SOUTHWEST REGION-EPA DEC.1970

Parameter Inventory for Station: ROMO0037

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/29/69-09/02/69	2	12.5	12.5	15.	10.	12.5	3.536	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/29/69-09/02/69	2	17.5	17.5	18.	17.	0.5	0.707	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/29/69-09/02/69	2	52.	52.	52.	52.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/29/69-09/02/69	2	6.6	6.6	7.1	6.1	0.5	0.707	**	**	**	**
00400	PH (STANDARD UNITS)	08/29/69-09/02/69	2	7.35	7.35	7.6	7.1	0.125	0.354	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/29/69-09/02/69	2	7.282	7.282	7.6	7.1	0.134	0.367	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/29/69-09/02/69	2	0.052	0.052	0.079	0.025	0.001	0.038	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	08/29/69-09/02/69	2	0.17	0.17	0.18	0.16	0.	0.014	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/29/69-09/02/69	2	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/29/69-09/02/69	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/29/69-09/02/69	2	0.2	0.2	0.21	0.19	0.	0.014	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/29/69-09/02/69	2	0.025	0.025	0.03	0.02	0.	0.007	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/29/69-09/02/69	2	0.049	0.049	0.078	0.02	0.002	0.041	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0037

				Total	Exceed	Prop.	6/10-10/31			11/01-4/10			4/11-6/09			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00	2	0	0.00									
00400	PH	Fresh Chronic	9.	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	0	0.00	2	0	0.00									
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00	2	0	0.00									

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

Station Inventory for Station: ROMO0038

NPS Station ID: ROMO0038
LAT/LON: 40.183337/-105.866671
Agency: 1118EPA8
Date Created: 08/31/76
Location: GRANBY LK.100 YDS OUT FR.STILLCP
FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): GRANBY LK L-9
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14010001
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 0
Water Body Id:
Minor Basin: UPPER COLORADO R.
ECO Region:
RF1 Index: 14010001039
RF1 Mile Point: 4.910
Distance from RF1: 0.60
On/Off RF1: OFF
RF3 Index: 14010001004201.95
RF3 Mile Point: 3.44
Distance from RF3: 0.10
On/Off RF3:
Description:
DATA EXTRACTED FROM WATER QUALITY CONDITIONS IN SHADOW MTN,GRAND LAKE,GR ANBY LAKE REPORT PACIFIC SOUTHWEST REGION-EPA DEC.1970

Parameter Inventory for Station: ROMO0038

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/29/69-09/02/69	4	17.	17.5	36.	0.	409.	20.224	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/29/69-09/02/69	4	16.	16.25	19.	14.	6.917	2.63	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/29/69-09/02/69	4	55.	55.	60.	50.	16.667	4.082	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/29/69-09/02/69	4	6.5	6.35	7.6	4.8	1.343	1.159	**	**	**	**
00400	PH (STANDARD UNITS)	08/29/69-09/02/69	4	7.4	7.35	7.6	7.	0.07	0.265	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/29/69-09/02/69	4	7.389	7.286	7.6	7.	0.075	0.275	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/29/69-09/02/69	4	0.041	0.052	0.1	0.025	0.001	0.034	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	08/29/69-09/02/69	4	0.125	0.133	0.18	0.1	0.001	0.036	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/29/69-09/02/69	4	0.02	0.035	0.1	0.	0.002	0.045	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/29/69-09/02/69	4 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/29/69-09/02/69	4	0.165	0.17	0.24	0.11	0.004	0.065	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/29/69-09/02/69	4	0.03	0.045	0.1	0.02	0.001	0.038	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/29/69-09/02/69	4	0.038	0.045	0.101	0.003	0.002	0.05	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0038

				Total	Exceed	Prop.	----------6/10-10/31----------			----------11/01-4/10----------			----------4/11-6/09----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	0	0.00	4	0	0.00									
00400	PH	Fresh Chronic	9.	4	0	0.00	4	0	0.00									
		Other-Lo Lim.	6.5	4	0	0.00	4	0	0.00									
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	4	0	0.00	4	0	0.00									

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

Station Inventory for Station: ROMO0039

NPS Station ID: ROMO0039 LAT/LON: 40.183448/-105.593365 Agency: 11NPSWRD Date Created: 06/12/99
Location: FINCH LAKE AT THE STAGING ROCK NEAR THE OUTLET FIPS State/County: 08013 COLORADO/BOULDER
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): ROMO_JR_CAP45
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10190005 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI RIVER Elevation: 0 Water Body Id:
Minor Basin: SOUTH PLATTE RIVER ECO Region:
RF1 Index: 10190005 RF1 Mile Point: 0.000 Distance from RF1: 12.40 On/Off RF1:
RF3 Index: 10190007002218.40 RF3 Mile Point: 18.39 Distance from RF3: 0.57 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE ALLENS PARK CO 7.5' SERIES (TOPO.) QUADRANGLE. THE SITE IS LOCATED AT FINCH LAKE AT THE STAGING ROCK NEAR THE LAKE OUTLET AND IS WITHIN ROCKY MOUNTAIN NATIONAL PARK. THE DATA ARE FROM ANNUAL CAPSHELL SNAIL MONITORING PROGRAM REPORTS BY JOHN RIEBESELL OF THE DEPARTMENT OF NATURAL RESOURCES AT THE UNIVERSITY OF MICHIGAN IN DEARBORN MI. TTHE REPORTS SUMMARIZED POPULATION DATA AND WATER QUALITY CHARACTERISTICS OF THE HABITAT OF CAPSHELL SNAILS; A CANDIDATE FOR LISTING UNDER THE FEDERAL ENDANGERED SPECIES ACT. FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0039

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/14/97-08/12/97	11	20.	19.909	21.	18.	0.691	0.831	18.2	20.	20.	21.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/12/97-07/12/97	1	55.	55.	55.	55.	0.	0.	**	**	**	**

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

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

Station Inventory for Station: ROMO0040

NPS Station ID: ROMO0040 LAT/LON: 40.184420/-105.591920 Agency: 11NPSWRD Date Created: 06/12/99
Location: FINCH LAKE NEAR THE ROCK BY THE TRAIL FIPS State/County: 08013 COLORADO/BOULDER
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): ROMO_JR_CAP58
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10190005 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI RIVER Elevation: 0 Water Body Id:
Minor Basin: SOUTH PLATTE RIVER ECO Region:
RF1 Index: 10190005 RF1 Mile Point: 0.000 Distance from RF1: 12.40 On/Off RF1:
RF3 Index: 10190007002218.40 RF3 Mile Point: 18.39 Distance from RF3: 0.57 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE ALLENS PARK CO 7.5' SERIES (TOPO.) QUADRANGLE. THE SITE IS LOCATED AT FINCH LAKE NEAR A ROCK BY THE TRAIL AND IS WITHIN ROCKY MOUNTAIN NATIONAL PARK. THE DATA ARE FROM ANNUAL CAPSHELL SNAIL MONITORING PROGRAM REPORTS BY JOHN RIEBESELL OF THE DEPARTMENT OF NATURAL RESOURCES AT THE UNIVERSITY OF MICHIGAN IN DEARBORN MI. TTHE REPORTS SUMMARIZED POPULATION DATA AND WATER QUALITY CHARACTERISTICS OF THE HABITAT OF CAPSHELL SNAILS; A CANDIDATE FOR LISTING UNDER THE FEDERAL ENDANGERED SPECIES ACT. FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0040

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/14/97-08/12/97	10	20.	19.8	21.	18.	0.844	0.919	18.1	19.	20.25	21.

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

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

Station Inventory for Station: ROMO0041

NPS Station ID: ROMO0041 | LAT/LON: 40.184698/-105.594698 | Agency: 11NPSWRD | Date Created: 06/18/99
Location: 105759/C04251 | FIPS State/County: 08013 COLORADO/BOULDER
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): ROMO_NURE_236 /1073959 /1118437
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 10190005 | Depth of Water: 0 | Aquifer:
Major Basin: MISSOURI RIVER | Elevation: 0 | Water Body Id:
Minor Basin: SOUTH PLATTE RIVER | ECO Region:
RF1 Index: 10190005 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE ALLENS PARK CO 7.5' SERIES (TOPOGRAPHIC) QUAD. THE SITE IS AT A STREAM WITHIN ROCKY MOUNTAIN NATIONAL PARK (ROMO). EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN ONE WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE U.S. GEOLOGICAL SURVEY "NATIONAL GEOCHEMICAL DATA BASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND KIM BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. "UNIQID" ENTRIES WERE USED TO CREATE THE SECONDARY STATION NAMES. "LASLID" ENTRIES WERE USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LABORATORY. FOR MORE INFORMATION ABOUT THE PARK CONTACT NATURAL RESOURCES AT ROMO; ESTES PARK; CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AT NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS; CO 80525 (TEL. 970-225-3556).

Parameter Inventory for Station: ROMO0041

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/18/76-09/18/76	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/18/76-09/18/76	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/18/76-09/18/76	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/18/76-09/18/76	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/18/76-09/18/76	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/18/76-09/18/76	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0041

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: ROMO0042

NPS Station ID: ROMO0042 LAT/LON: 40.186115/-105.891116 Agency: 11NPSWRD Date Created: 06/18/99
Location: 106051/C04482 FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): ROMO_NURE_153 /1074135 /1118613
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 14010001 Depth of Water: 0 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: UPPER COLORADO RIVER ECO Region:
RF1 Index: 14010001 RF1 Mile Point: 0.000 Distance from RF1: 12.40 On/Off RF1:
RF3 Index: 10190007002218.40 RF3 Mile Point: 18.39 Distance from RF3: 0.57 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE "TRAIL MOUNTAIN COLORADO" 7.5 MINUTE SERIES QUADRANGLE. THE SITE IS AT A STREAM OUTSIDE OF ROCKY MOUNTAIN NATIONAL PARK. EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO ONE WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATA BASE: "NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SOIL; STREAM SEDIMENT; SURFACE WATER; AND GROUND WATER DATA. "UNIQID" FIELD ENTRIES WERE USED TO CREATE THE SECONDARY STATION NAMES. THE "LASLID" FIELD ENTRIES (LAB SAMPLE NUMBERS) WERE USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LAB. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND KELLI O'CONNOR; NATIONAL PARK SERVICE WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0042

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/22/76-09/22/76	1	5.2	5.2	5.2	5.2	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/22/76-09/22/76	1	100.	100.	100.	100.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/22/76-09/22/76	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/22/76-09/22/76	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/22/76-09/22/76	1	0.251	0.251	0.251	0.251	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/22/76-09/22/76	1	0.81	0.81	0.81	0.81	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0042

				Total	Exceed	Prop.	6/10-10/31			11/01-4/10			4/11-6/09			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: ROMO0043

NPS Station ID: ROMO0043 | LAT/LON: 40.186392/-105.819199 | Agency: 11NPSWRD | Date Created: 06/18/99
Location: 106057/C04488 | FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): ROMO_NURE_228 /1074141 /1118619
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14010001 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: UPPER COLORADO RIVER | ECO Region:
RF1 Index: 14010001 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE SHADOW MOUNTAIN CO 7.5' SERIES (TOPO.) QUAD. THE SITE IS AT A STREAM WITHIN ROCKY MOUNTAIN NATIONAL PARK (ROMO). EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN ONE WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE U.S. GEOLOGICAL SURVEY "NATIONAL GEOCHEMICAL DATA BASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND KIM BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. "UNIQID" ENTRIES WERE USED TO CREATE THE SECONDARY STATION NAMES. "LASLID" ENTRIES WERE USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LABORATORY. FOR MORE INFORMATION ABOUT THE PARK CONTACT NATURAL RESOURCES AT ROMO; ESTES PARK; CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AT NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS; CO 80525 (TEL. 970-225-3556).

Parameter Inventory for Station: ROMO0043

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/23/76-09/23/76	1	8.9	8.9	8.9	8.9	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/23/76-09/23/76	1	125.	125.	125.	125.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/23/76-09/23/76	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/23/76-09/23/76	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/23/76-09/23/76	1	0.126	0.126	0.126	0.126	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/23/76-09/23/76	1	0.79	0.79	0.79	0.79	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0043

Parameter				Total	Exceed	Prop.	6/10-10/31			11/01-4/10			4/11-6/09			n/a		
		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: ROMO0044

NPS Station ID: ROMO0044 LAT/LON: 40.186392/-105.819727 Agency: 112WRD Date Created: 11/07/81
Location: COLUMBINE CREEK AB LAKE GRANBY, NR GRAND LK, CO. FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 09015500
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 14010001 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 14010001043 RF1 Mile Point: 1.410 Distance from RF1: 9.00 On/Off RF1: OFF
RF3 Index: 14010001013900.00 RF3 Mile Point: 2.22 Distance from RF3: 0.01 On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0044

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/15/55-11/08/55	2	1.75	1.75	3.5	0.	6.125	2.475	**	**	**	**

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

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

Station Inventory for Station: ROMO0045

NPS Station ID: ROMO0045 LAT/LON: 40.188059/-105.894448 Agency: 112WRD Date Created: 08/15/81
Location: STILLWATER CREEK AB LK GRANBY, NR GRAND LK, CO. FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 09018000
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 14010001 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 14010001039 RF1 Mile Point: 6.940 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 14010001032300.00 RF3 Mile Point: 0.68 Distance from RF3: 0.23 On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0045

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/14/55-11/06/55	2	5.	5.	10.	0.	50.	7.071	**	**	**	**

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

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

Station Inventory for Station: ROMO0046

NPS Station ID: ROMO0046 | LAT/LON: 40.191670/-105.654170 | Agency: 12WLS1 | Date Created: 09/03/88
Location: BLUEBIRD LAKE | FIPS State/County: 08013 COLORADO/BOULDER
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): 4E1-051
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 10190005 | Depth of Water: 52 | Aquifer:
Major Basin: | Elevation: 0 | Water Body Id:
Minor Basin: | ECO Region:
RF1 Index: 10190005 | RF1 Mile Point: 0.000 | Distance from RF1: 9.00 | On/Off RF1:
RF3 Index: 10190005062601.79 | RF3 Mile Point: 1.78 | Distance from RF3: 0.03 | On/Off RF3:
Description:
THIS DATA WAS COLLECTED DURING THE WESTERN LAKE SURVEY-PHASE I (WLS-I) AS PART OF EPA'S NATIONAL SURFACE WATER SURVEY, AQUATIC EFFECTS RESEARCH PROGRAM. THE SURVEY DESIGN, METHODS, AND DATA LIMITATIONS ARE DESCRIBED IN:
LANDERS, D.H., ET AL. 1987. CHARACTERISTICS OF LAKES IN THE WESTERN UNITED STATES. VOL. I. POPULATION DESCRIPTIONS AND PHYSICO-CHEMICAL RELATIONSHIPS. EPA/600/4-86/054A. U.S. ENVIRON. PROT. AGENCY, WASHINGTON, D.C. 176 PP.
THE DATA PRESENTED HERE ARE THOSE REPORTED IN LANDERS ET AL. (1987) WITH THE FOLLOWING EXCEPTIONS: (1) UNITS FOR CHEMICAL PARAMETERS ARE TYPICALLY IN MG/L RATHER THAN MICROEQ/L; (2) NO SUBSTITUTED VALUES ARE PROVIDED FOR SUSPECT DATA; (3) TAGS AND FLAGS USED TO IDENTIFY SUSPICIOUS DATA ARE NOT SHOWN; AND (4) CALCULATED OR DERIVED VARIABLES ARE EXCLUDED.

Parameter Inventory for Station: ROMO0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/85-10/04/85	1	2.7	2.7	2.7	2.7	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/04/85-10/04/85	1	4.75	4.75	4.75	4.75	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	10/04/85-10/04/85	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/04/85-10/04/85	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00154	SULFATE (AS S) WHOLE WATER, MG/L	10/04/85-10/04/85	1	1.262	1.262	1.262	1.262	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	10/04/85-10/04/85	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/04/85-10/04/85	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/04/85-10/04/85	1	0.126	0.126	0.126	0.126	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	10/04/85-10/04/85	1	83.8	83.8	83.8	83.8	0.	0.	**	**	**	**
00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	10/04/85-10/04/85	1	5.9	5.9	5.9	5.9	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/04/85-10/04/85	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	10/04/85-10/04/85	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00910	CALCIUM (MG/L AS CACO3)	10/04/85-10/04/85	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/04/85-10/04/85	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/04/85-10/04/85	1	0.43	0.43	0.43	0.43	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/04/85-10/04/85	1	0.14	0.14	0.14	0.14	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/04/85-10/04/85	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/04/85-10/04/85	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/04/85-10/04/85	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/04/85-10/04/85	1	8.	8.	8.	8.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	10/04/85-10/04/85	1	35.	35.	35.	35.	0.	0.	**	**	**	**
70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	10/04/85-10/04/85	1	0.088	0.088	0.088	0.088	0.	0.	**	**	**	**

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

Parameter Inventory for Station: ROMO0046

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/04/85-10/04/85	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
71885	IRON (UG/L AS FE)	10/04/85-10/04/85	1	21.	21.	21.	21.	0.	0.	**	**	**	**
72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	10/04/85-10/04/85	1	10984.7	10984.7	10984.7	10984.7	0.	0.	**	**	**	**
82047	DEPTH TO THE TOP OF THE SAMPLING INTERVAL (METERS)	10/04/85-10/04/85	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/04/85-10/04/85	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0046

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00154	SULFATE (AS S) WHOLE WATER	Drinking Water	250.	1	0	0.00	1	0	0.00									
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: ROMO0047

NPS Station ID: ROMO0047
LAT/LON: 40.192226/-105.523337
Agency: 112WRD
Date Created: 02/28/78
Location: SB00307326DADC SITE C19
FIPS State/County: 08013 COLORADO/BOULDER
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 401132105312400
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 10190005
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 10190005007
RF1 Mile Point: 2.780
Distance from RF1: 15.30
On/Off RF1: ON
RF3 Index: 10190005056300.00
RF3 Mile Point: 0.13
Distance from RF3: 0.05
On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/06/75-07/06/76	2	5.5	5.5	7.	4.	4.5	2.121	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/06/75-07/06/76	2	26.5	26.5	27.	26.	0.5	0.707	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/06/75-11/06/75	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	11/06/75-11/06/75	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	11/06/75-11/06/75	1	37.	37.	37.	37.	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	11/06/75-07/06/76	2	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/06/75-11/06/75	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11/06/75-11/06/75	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/06/75-11/06/75	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	11/06/75-11/06/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	11/06/75-11/06/75	1	2.3	2.3	2.3	2.3	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/06/75-11/06/75	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	11/06/75-11/06/75	1	1.9	1.9	1.9	1.9	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	11/06/75-11/06/75	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	11/06/75-11/06/75	1	30.	30.	30.	30.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/06/75-11/06/75	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	11/06/75-07/06/76	2	0.5	0.5	0.6	0.4	0.02	0.141	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	11/06/75-11/06/75	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/06/75-11/06/75	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	11/06/75-11/06/75	1	9.2	9.2	9.2	9.2	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	11/06/75-11/06/75	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	11/06/75-11/06/75	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	11/06/75-11/06/75	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	11/06/75-11/06/75	1	60.	60.	60.	60.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	11/06/75-11/06/75	1	420.	420.	420.	420.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	11/06/75-11/06/75	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	11/06/75-11/06/75	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	11/06/75-11/06/75	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	11/06/75-11/06/75	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	11/06/75-11/06/75	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
03515	BETA, DISSOLVED GROSS, AS CS-137, PC/L	11/06/75-11/06/75	1	2.4	2.4	2.4	2.4	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/06/75-07/06/76	2	8.	8.	12.	4.	32.	5.657	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/06/75-07/06/76	2	0.841	0.841	1.079	0.602	0.114	0.337	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			6.928								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/06/75-07/06/76	2	1.5	1.5	2.	1.	0.5	0.707	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/06/75-07/06/76	2	0.151	0.151	0.301	0.	0.045	0.213	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.414								
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	11/06/75-11/06/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: ROMO0047

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	11/06/75-11/06/75	1	25.	25.	25.	25.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	11/06/75-11/06/75	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	11/06/75-11/06/75	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
75038	POTASSIUM 40, TOTAL	11/06/75-11/06/75	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
80030	ALPHA,DISSOLVED GROSS,AS URANIUM-NATURAL,UG/L	11/06/75-11/06/75	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
80050	BETA,DISSOLVED GROSS,AS SR-Y-90, PC/L	11/06/75-11/06/75	1	2.	2.	2.	2.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0047

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	2	0	0.00	1	0	0.00	1	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00	1	0	0.00	1	0	0.00						
		Drinking Water	250.	2	0	0.00	1	0	0.00	1	0	0.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00				1	0	0.00						
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00				1	0	0.00						
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00				1	0	0.00						
		Drinking Water	50.	1	0	0.00				1	0	0.00						
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00				1	0	0.00						
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00				1	0	0.00						
		Drinking Water	5.	1	0	0.00				1	0	0.00						
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	1	1.00				1	1	1.00						
		Drinking Water	1300.	1	0	0.00				1	0	0.00						
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00				1	0	0.00						
		Drinking Water	15.	1	0	0.00				1	0	0.00						
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00				1	0	0.00						
		Drinking Water	5000.	1	0	0.00				1	0	0.00						
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00				1	0	0.00						
		Drinking Water	50.	1	0	0.00				1	0	0.00						
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	0	0.00	1	0	0.00	1	0	0.00						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	2	0	0.00	1	0	0.00	1	0	0.00						
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	1	0	0.00				1	0	0.00						
		Drinking Water	2.	1	0	0.00				1	0	0.00						

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

Station Inventory for Station: ROMO0048

NPS Station ID: ROMO0048 | LAT/LON: 40.195309/-105.874393 | Agency: 11NPSWRD | Date Created: 06/18/99
Location: 106055/C04486 | FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): ROMO_NURE_159 /1074139 /1118617
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 14010001 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: UPPER COLORADO RIVER | ECO Region:
RF1 Index: 14010001 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE "SHADOW MOUNTAIN COLORADO" 7.5 MINUTE SERIES QUADRANGLE. THE SITE IS AT A SPRING OUTSIDE OF ROCKY MOUNTAIN NATIONAL PARK. EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO ONE WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATA BASE: "NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SOIL; STREAM SEDIMENT; SURFACE WATER; AND GROUND WATER DATA. "UNIQID" FIELD ENTRIES WERE USED TO CREATE THE SECONDARY STATION NAMES. THE "LASLID" FIELD ENTRIES (LAB SAMPLE NUMBERS) WERE USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LAB. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND KELLI O'CONNOR; NATIONAL PARK SERVICE WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0048

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/23/76-09/23/76	1	11.2	11.2	11.2	11.2	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/23/76-09/23/76	1	1350.	1350.	1350.	1350.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/23/76-09/23/76	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/23/76-09/23/76	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/23/76-09/23/76	1	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/23/76-09/23/76	1	6.52	6.52	6.52	6.52	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0048

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: ROMO0049

NPS Station ID: ROMO0049 | LAT/LON: 40.195616/-105.506392 | Agency: 11NPSWRD | Date Created: 06/18/99
Location: 105763/C04255 | FIPS State/County: 08013 COLORADO/BOULDER
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): ROMO_NURE_189 /1073963 /1118441
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 10190005 | Depth of Water: 0 | Aquifer:
Major Basin: MISSOURI RIVER | Elevation: 0 | Water Body Id:
Minor Basin: SOUTH PLATTE RIVER | ECO Region:
RF1 Index: 10190005 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE "ALLENS PARK COLORADO" 7.5 MINUTE SERIES QUADRANGLE. THE SITE IS AT A STREAM OUTSIDE OF ROCKY MOUNTAIN NATIONAL PARK. EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO ONE WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATA BASE: "NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SOIL; STREAM SEDIMENT; SURFACE WATER; AND GROUND WATER DATA. "UNIQID" FIELD ENTRIES WERE USED TO CREATE THE SECONDARY STATION NAMES. THE "LASLID" FIELD ENTRIES (LAB SAMPLE NUMBERS) WERE USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LAB. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND KELLI O'CONNOR; NATIONAL PARK SERVICE WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0049

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/18/76-09/18/76	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/18/76-09/18/76	1	25.	25.	25.	25.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/18/76-09/18/76	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/18/76-09/18/76	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/18/76-09/18/76	1	0.398	0.398	0.398	0.398	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/18/76-09/18/76	1	0.49	0.49	0.49	0.49	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0049

				Total	Exceed	Prop.	6/10-10/31			11/01-4/10			4/11-6/09			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: ROMO0050

NPS Station ID: ROMO0050
LAT/LON: 40.196392/-105.532782
Agency: 112WRD
Date Created: 02/28/78
Location: SB00307326BDDD SITE 081
FIPS State/County: 08013 COLORADO/BOULDER
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 401147105315800
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 10190005
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 10190005007
RF1 Mile Point: 4.420
Distance from RF1: 14.60
On/Off RF1: ON
RF3 Index: 10190005056300.00
RF3 Mile Point: 0.70
Distance from RF3: 0.06
On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0050

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/05/76-07/05/76	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/05/76-07/05/76	1	40.	40.	40.	40.	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/05/76-07/05/76	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/05/76-07/05/76	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/05/76-07/05/76	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	07/05/76-07/05/76	1 ##	-0.301	-0.301	-0.301	-0.301	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			0.5								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/05/76-07/05/76	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/05/76-07/05/76	1 ##	-0.301	-0.301	-0.301	-0.301	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			0.5								

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

EPA Water Quality Criteria Analysis for Station: ROMO0050

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	0	0.00	1	0	0.00									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: ROMO0051

NPS Station ID: ROMO0051 | LAT/LON: 40.196698/-105.590309 | Agency: 11NPSWRD | Date Created: 06/18/99
Location: 105757/C04249 | FIPS State/County: 08013 COLORADO/BOULDER
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): ROMO_NURE_238 /1073957 /1118435
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 10190005 | Depth of Water: 0 | Aquifer:
Major Basin: MISSOURI RIVER | Elevation: 0 | Water Body Id:
Minor Basin: SOUTH PLATTE RIVER | ECO Region:
RF1 Index: 10190005 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE ALLENS PARK CO 7.5' SERIES (TOPOGRAPHIC) QUAD. THE SITE IS AT A STREAM WITHIN ROCKY MOUNTAIN NATIONAL PARK (ROMO). EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN ONE WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE U.S. GEOLOGICAL SURVEY "NATIONAL GEOCHEMICAL DATA BASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND KIM BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. "UNIQID" ENTRIES WERE USED TO CREATE THE SECONDARY STATION NAMES. "LASLID" ENTRIES WERE USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LABORATORY. FOR MORE INFORMATION ABOUT THE PARK CONTACT NATURAL RESOURCES AT ROMO; ESTES PARK; CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AT NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS; CO 80525 (TEL. 970-225-3556).

Parameter Inventory for Station: ROMO0051

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/18/76-09/18/76	1	9.3	9.3	9.3	9.3	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/18/76-09/18/76	1	130.	130.	130.	130.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/18/76-09/18/76	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/18/76-09/18/76	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/18/76-09/18/76	1	0.251	0.251	0.251	0.251	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/18/76-09/18/76	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0051

Parameter				Total	Exceed	Prop.	6/10-10/31			11/01-4/10			4/11-6/09			n/a		
		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: ROMO0052

NPS Station ID: ROMO0052 | LAT/LON: 40.197809/-105.591698 | Agency: 11NPSWRD | Date Created: 06/18/99
Location: 105758/C04250 | FIPS State/County: 08013 COLORADO/BOULDER
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): ROMO_NURE_237 /1073958 /1118436
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 10190005 | Depth of Water: 0 | Aquifer:
Major Basin: MISSOURI RIVER | Elevation: 0 | Water Body Id:
Minor Basin: SOUTH PLATTE RIVER | ECO Region:
RF1 Index: 10190005 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE ALLENS PARK CO 7.5' SERIES (TOPOGRAPHIC) QUAD. THE SITE IS AT A STREAM WITHIN ROCKY MOUNTAIN NATIONAL PARK (ROMO). EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN ONE WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE U.S. GEOLOGICAL SURVEY "NATIONAL GEOCHEMICAL DATA BASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND KIM BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. "UNIQID" ENTRIES WERE USED TO CREATE THE SECONDARY STATION NAMES. "LASLID" ENTRIES WERE USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LABORATORY. FOR MORE INFORMATION ABOUT THE PARK CONTACT NATURAL RESOURCES AT ROMO; ESTES PARK; CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AT NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS; CO 80525 (TEL. 970-225-3556).

Parameter Inventory for Station: ROMO0052

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/18/76-09/18/76	1	9.5	9.5	9.5	9.5	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/18/76-09/18/76	1	27.	27.	27.	27.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/18/76-09/18/76	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/18/76-09/18/76	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/18/76-09/18/76	1	0.316	0.316	0.316	0.316	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/18/76-09/18/76	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0052

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: ROMO0053

NPS Station ID: ROMO0053 | LAT/LON: 40.198616/-105.879198 | Agency: 11NPSWRD | Date Created: 06/18/99
Location: 106054/C04485 | FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): ROMO_NURE_154 /1074138 /1118616
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 14010001 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: UPPER COLORADO RIVER | ECO Region:
RF1 Index: 14010001 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE "TRAIL MOUNTAIN COLORADO" 7.5 MINUTE SERIES QUADRANGLE. THE SITE IS AT A STREAM OUTSIDE OF ROCKY MOUNTAIN NATIONAL PARK. EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO ONE WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATA BASE: "NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SOIL; STREAM SEDIMENT; SURFACE WATER; AND GROUND WATER DATA. "UNIQID" FIELD ENTRIES WERE USED TO CREATE THE SECONDARY STATION NAMES. THE "LASLID" FIELD ENTRIES (LAB SAMPLE NUMBERS) WERE USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LAB. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND KELLI O'CONNOR; NATIONAL PARK SERVICE WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0053

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/23/76-09/23/76	1	10.1	10.1	10.1	10.1	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/23/76-09/23/76	1	46.	46.	46.	46.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/23/76-09/23/76	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/23/76-09/23/76	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/23/76-09/23/76	1	0.158	0.158	0.158	0.158	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/23/76-09/23/76	1	0.94	0.94	0.94	0.94	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0053

Parameter				Total	Exceed	Prop.	6/10-10/31			11/01-4/10			4/11-6/09			n/a		
		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: ROMO0054

NPS Station ID: ROMO0054 | LAT/LON: 40.199059/-105.631616 | Agency: 11NPSWRD | Date Created: 06/12/99
Location: OUZEL LAKE NEAR THE END OF THE TRAIL | FIPS State/County: 08013 COLORADO/BOULDER
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): ROMO_JR_CAP34
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 10190005 | Depth of Water: 0 | Aquifer:
Major Basin: MISSOURI RIVER | Elevation: 0 | Water Body Id:
Minor Basin: SOUTH PLATTE RIVER | ECO Region:
RF1 Index: 10190005 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE ISOLATION PEAK CO 7.5' SERIES (TOPO.) QUADRANGLE. THE SITE IS LOCATED AT OUZEL LAKE NEAR THE END OF THE TRAIL AND IS WITHIN ROCKY MOUNTAIN NATIONAL PARK. THE DATA ARE FROM ANNUAL CAPSHELL SNAIL MONITORING PROGRAM REPORTS BY JOHN RIEBESELL OF THE DEPARTMENT OF NATURAL RESOURCES AT THE UNIVERSITY OF MICHIGAN IN DEARBORN MI. TTHE REPORTS SUMMARIZED POPULATION DATA AND WATER QUALITY CHARACTERISTICS OF THE HABITAT OF CAPSHELL SNAILS; A CANDIDATE FOR LISTING UNDER THE FEDERAL ENDANGERED SPECIES ACT. FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0054

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/14/97-07/14/97	1	10.	10.	10.	10.	0.	0.	**	**	**	**
70975	TEMPERATURE, WATER,DAILY MINIMUM DEG C	07/04/96-07/04/96	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
70976	TEMPERATURE, WATER,DAILY MAXIMUM DEG C	07/04/96-07/04/96	1	15.8	15.8	15.8	15.8	0.	0.	**	**	**	**

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

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

Station Inventory for Station: ROMO0055

NPS Station ID: ROMO0055 LAT/LON: 40.200587/-105.629560 Agency: 11NPSWRD Date Created: 06/12/99
Location: CHICKADEE LAKE NEAR THE SOUTHWEST CORNER FIPS State/County: 08013 COLORADO/BOULDER
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): ROMO_JR_CAP30
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10190005 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI RIVER Elevation: 0 Water Body Id:
Minor Basin: SOUTH PLATTE RIVER ECO Region:
RF1 Index: 10190005 RF1 Mile Point: 0.000 Distance from RF1: 12.40 On/Off RF1:
RF3 Index: 10190007002218.40 RF3 Mile Point: 18.39 Distance from RF3: 0.57 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE ISOLATION PEAK CO 7.5' SERIES (TOPO.) QUADRANGLE. THE SITE IS LOCATED AT CHICKADEE LAKE NEAR THE SOUTHWEST CORNER AND IS WITHIN ROCKY MOUNTAIN NATIONAL PARK. THE DATA ARE FROM ANNUAL CAPSHELL SNAIL MONITORING PROGRAM REPORTS BY JOHN RIEBESELL OF THE DEPARTMENT OF NATURAL RESOURCES AT THE UNIVERSITY OF MICHIGAN IN DEARBORN MI. TTHE REPORTS SUMMARIZED POPULATION DATA AND WATER QUALITY CHARACTERISTICS OF THE HABITAT OF CAPSHELL SNAILS; A CANDIDATE FOR LISTING UNDER THE FEDERAL ENDANGERED SPECIES ACT. FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0055

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/14/97-07/14/97	1	10.	10.	10.	10.	0.	0.	**	**	**	**

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

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

Station Inventory for Station: ROMO0056

NPS Station ID: ROMO0056
LAT/LON: 40.205281/-105.525282
Agency: 112WRD
Date Created: 02/28/78
Location: SB00307323DDBD SITE 084
FIPS State/County: 08013 COLORADO/BOULDER
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 401219105313100
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 10190005
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 10190005007
RF1 Mile Point: 3.230
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 10190005056300.00
RF3 Mile Point: 0.89
Distance from RF3: 0.23
On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0056

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/06/76-07/06/76	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/06/76-07/06/76	1	108.	108.	108.	108.	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/06/76-07/06/76	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/06/76-07/06/76	1	1.	1.	1.	1.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/06/76-07/06/76	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	07/06/76-07/06/76	1 ##	-0.301	-0.301	-0.301	-0.301	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			0.5								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/76-07/06/76	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/06/76-07/06/76	1 ##	-0.301	-0.301	-0.301	-0.301	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			0.5								

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

EPA Water Quality Criteria Analysis for Station: ROMO0056

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	0	0.00	1	0	0.00									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: ROMO0057

NPS Station ID: ROMO0057 | LAT/LON: 40.205615/-105.517503 | Agency: 11NPSWRD | Date Created: 06/18/99
Location: 105762/C04254 | FIPS State/County: 08013 COLORADO/BOULDER
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): ROMO_NURE_187 /1073962 /1118440
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 10190005 | Depth of Water: 0 | Aquifer:
Major Basin: MISSOURI RIVER | Elevation: 0 | Water Body Id:
Minor Basin: SOUTH PLATTE RIVER | ECO Region:
RF1 Index: 10190005 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE "ALLENS PARK COLORADO" 7.5 MINUTE SERIES QUADRANGLE. THE SITE IS AT A STREAM OUTSIDE OF ROCKY MOUNTAIN NATIONAL PARK. EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO ONE WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATA BASE: "NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SOIL; STREAM SEDIMENT; SURFACE WATER; AND GROUND WATER DATA. "UNIQID" FIELD ENTRIES WERE USED TO CREATE THE SECONDARY STATION NAMES. THE "LASLID" FIELD ENTRIES (LAB SAMPLE NUMBERS) WERE USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LAB. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND KELLI O'CONNOR; NATIONAL PARK SERVICE WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0057

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/18/76-09/18/76	1	9.5	9.5	9.5	9.5	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/18/76-09/18/76	1	47.	47.	47.	47.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/18/76-09/18/76	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/18/76-09/18/76	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/18/76-09/18/76	1	0.398	0.398	0.398	0.398	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/18/76-09/18/76	1	0.49	0.49	0.49	0.49	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0057

Parameter				Total	Exceed	Prop.	6/10-10/31			11/01-4/10			4/11-6/09			n/a		
		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: ROMO0058

NPS Station ID: ROMO0058 | LAT/LON: 40.205615/-105.836116 | Agency: 11NPSWRD | Date Created: 06/18/99
Location: 106056/C04487 | FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): ROMO_NURE_226 /1074140 /1118618
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14010001 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: UPPER COLORADO RIVER | ECO Region:
RF1 Index: 14010001 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE SHADOW MOUNTAIN CO 7.5' SERIES (TOPO.) QUAD. THE SITE IS AT A STREAM WITHIN ROCKY MOUNTAIN NATIONAL PARK (ROMO). EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN ONE WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE U.S. GEOLOGICAL SURVEY "NATIONAL GEOCHEMICAL DATA BASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND KIM BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. "UNIQID" ENTRIES WERE USED TO CREATE THE SECONDARY STATION NAMES. "LASLID" ENTRIES WERE USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LABORATORY. FOR MORE INFORMATION ABOUT THE PARK CONTACT NATURAL RESOURCES AT ROMO; ESTES PARK; CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AT NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS; CO 80525 (TEL. 970-225-3556).

Parameter Inventory for Station: ROMO0058

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/23/76-09/23/76	1	10.8	10.8	10.8	10.8	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/23/76-09/23/76	1	107.	107.	107.	107.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/23/76-09/23/76	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/23/76-09/23/76	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/23/76-09/23/76	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/23/76-09/23/76	1	0.22	0.22	0.22	0.22	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0058

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: ROMO0059

NPS Station ID: ROMO0059 LAT/LON: 40.206670/-105.838338 Agency: 112WRD Date Created: / /
Location: COLORADO RIVER BL SHADOW MOUNTAIN RESERVOIR, CO. FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 09015000
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 14010001 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 14010001043 RF1 Mile Point: 3.140 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 14010001003502.76 RF3 Mile Point: 5.16 Distance from RF3: 0.01 On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0059

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/02/51-04/26/57	4	10.85	12.375	23.3	4.5	88.889	9.428	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	07/02/49-04/26/57	4	85.	77.5	90.	50.	358.333	18.93	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/21/41-04/26/57	6	2020.	1846.833	2510.	731.	376100.167	613.27	**	**	**	**
00400	PH (STANDARD UNITS)	04/21/41-04/26/57	3	7.8	7.933	8.2	7.8	0.053	0.231	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	04/21/41-04/26/57	3	7.8	7.897	8.2	7.8	0.055	0.235	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/21/41-04/26/57	3	0.016	0.013	0.016	0.006	0.	0.006	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	04/21/41-04/26/57	3	3.2	4.267	7.3	2.3	7.103	2.665	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/21/41-04/26/57	6	239.	210.	249.	103.	3278.4	57.257	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	04/21/41-04/26/57	6	291.5	253.833	303.	126.	5011.767	70.794	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	04/21/41-04/26/57	5	0.	1.2	6.	0.	7.2	2.683	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	04/21/41-04/26/57	5	0.27	0.366	0.7	0.18	0.043	0.208	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/21/41-04/26/57	6	599.	537.333	684.	227.	26579.867	163.033	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	04/21/41-04/26/57	6	358.5	326.833	436.	124.	11515.367	107.31	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/21/41-10/02/51	5	108.	103.6	138.	48.	1193.3	34.544	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/21/41-10/02/51	5	71.	64.8	84.	26.	555.7	23.573	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/21/41-10/02/51	4	211.	206.75	343.	62.	13910.25	117.942	**	**	**	**
00931	SODIUM ADSORPTION RATIO	04/21/41-04/26/57	6	4.3	4.017	5.7	1.8	1.682	1.297	**	**	**	**
00932	SODIUM, PERCENT	04/21/41-10/02/51	4	45.	44.75	52.	37.	38.25	6.185	**	**	**	**
00933	SODIUM,PLUS POTASSIUM (MG/L)	09/07/51-04/26/57	2	249.5	249.5	259.	240.	180.5	13.435	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/21/41-10/02/51	4	1.7	3.85	12.	0.	32.09	5.665	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/21/41-04/26/57	6	169.5	161.5	227.	56.	3398.7	58.298	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	04/21/41-04/26/57	6	619.5	575.	868.	190.	52212.	228.499	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/21/41-05/19/41	2	5.5	5.5	8.	3.	12.5	3.536	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	04/21/41-07/02/49	3	230.	260.	410.	140.	18900.	137.477	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	04/21/41-05/19/41	2	767.	767.	1080.	454.	195938.	442.649	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	04/21/41-05/19/41	2	1.045	1.045	1.47	0.62	0.361	0.601	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	04/21/41-04/26/57	5	1.2	1.62	3.1	0.8	0.847	0.92	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0059

Parameter				Total	Exceed	Prop.	6/10-10/31			11/01-4/10			4/11-6/09			n/a		
		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Fresh Chronic	9.	3	0	0.00							3	0	0.00			
		Other-Lo Lim.	6.5	3	0	0.00							3	0	0.00			

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

EPA Water Quality Criteria Analysis for Station: ROMO0059

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	5	0	0.00	2	0	0.00				3	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	6	0	0.00	3	0	0.00				3	0	0.00			
		Drinking Water	250.	6	0	0.00	3	0	0.00				3	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	6	5	0.83	3	3	1.00				3	2	0.67			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	5	0	0.00	2	0	0.00				3	0	0.00			

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

Station Inventory for Station: ROMO0060

NPS Station ID: ROMO0060 LAT/LON: 40.206670/-105.848893 Agency: 112WRD Date Created: / /
Location: GRANBY PUMP CANAL NR GRAND LAKE, CO. FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 09018300
RMI-Indexes: 1101000 Within Park Boundary: No
RMI-Miles: 1334.00
HUC: 14010001 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 14010001047 RF1 Mile Point: 0.990 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 14010001004900.00 RF3 Mile Point: 0.00 Distance from RF3: 0.01 On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0060

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/24/70-03/05/97	164	4.	5.382	14.	1.	10.185	3.191	2.	2.7	7.5	10.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/15/83-12/09/93	3	-3.	-0.133	7.6	-5.	45.853	6.772	**	**	**	**
00025	BAROMETRIC PRESSURE (MM OF HG)	08/25/83-12/11/96	80	563.	563.2	625.	550.	109.63	10.47	553.2	557.	565.75	570.
00060	FLOW, STREAM, MEAN DAILY CFS	11/24/70-09/19/74	27	200.	147.296	325.	0.	18912.37	137.522	0.	0.	250.	305.
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/04/73-03/05/97	123	500.	509.87	1017.	0.	47868.852	218.79	236.8	348.	701.	773.
00065	STAGE, STREAM (FEET)	10/23/90-10/23/90	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/24/70-03/05/97	163	60.	59.546	105.	30.	74.286	8.619	50.	55.	63.	67.6
00300p	OXYGEN, DISSOLVED MG/L	11/24/70-12/11/96	155	7.6	7.012	12.	0.	4.227	2.056	3.96	5.5	8.4	9.14
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	09/26/91-09/26/91	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00400p	PH (STANDARD UNITS)	11/24/70-03/05/97	155	7.3	7.22	8.8	5.3	0.291	0.54	6.5	6.9	7.6	7.9
00400p	CONVERTED PH (STANDARD UNITS)	11/24/70-03/05/97	155	7.3	6.812	8.8	5.3	0.459	0.677	6.5	6.9	7.6	7.9
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/24/70-03/05/97	155	0.05	0.154	5.012	0.002	0.208	0.456	0.013	0.025	0.126	0.316
00403	PH, LAB, STANDARD UNITS SU	02/14/89-03/05/97	42	7.6	7.514	8.2	6.6	0.117	0.342	7.06	7.3	7.8	7.9
00403	CONVERTED PH, LAB, STANDARD UNITS	02/14/89-03/05/97	42	7.6	7.362	8.2	6.6	0.141	0.375	7.06	7.3	7.8	7.9
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/14/89-03/05/97	42	0.025	0.043	0.251	0.006	0.002	0.048	0.013	0.016	0.05	0.089
00600	NITROGEN, TOTAL (MG/L AS N)	03/15/78-03/30/83	31	0.6	0.558	1.1	0.21	0.056	0.236	0.256	0.29	0.74	0.832
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	02/14/89-03/05/97	41	0.01	0.014	0.08	0.005	0.	0.013	0.005	0.008	0.02	0.028
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/14/89-12/10/92	21	0.02	0.018	0.07	0.005	0.	0.014	0.005	0.008	0.02	0.03
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	02/14/89-03/05/97	41 ##	0.005	0.006	0.02	0.005	0.	0.004	0.005	0.005	0.005	0.01
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/23/90-12/10/92	14 ##	0.005	0.008	0.04	0.005	0.	0.009	0.005	0.005	0.005	0.025
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/15/78-03/05/97	124	0.3	0.368	1.2	0.	0.065	0.254	0.1	0.193	0.5	0.7
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/15/78-12/10/92	87	0.05	0.085	0.27	0.	0.002	0.05	0.05	0.05	0.1	0.15
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	02/14/89-03/05/97	41	0.08	0.078	0.2	0.025	0.002	0.045	0.025	0.05	0.1	0.1
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/26/79-04/26/79	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	03/15/78-03/05/97	124	0.02	0.023	0.35	0.005	0.001	0.034	0.005	0.01	0.03	0.04
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	02/14/89-03/05/97	41 ##	0.005	0.009	0.04	0.005	0.	0.008	0.005	0.005	0.01	0.02
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	02/14/89-03/05/97	41 ##	0.005	0.006	0.02	0.005	0.	0.003	0.005	0.005	0.008	0.01
00915	CALCIUM, DISSOLVED (MG/L AS CA)	02/14/89-03/05/97	42	7.7	7.583	8.7	6.4	0.332	0.576	6.63	7.2	7.925	8.37
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/14/89-03/05/97	42	1.35	1.343	1.5	1.2	0.008	0.089	1.2	1.3	1.4	1.47
00930	SODIUM, DISSOLVED (MG/L AS NA)	02/14/89-03/05/97	42	2.4	2.367	2.8	1.8	0.053	0.231	2.	2.2	2.6	2.6
00935	POTASSIUM, DISSOLVED (MG/L AS K)	02/14/89-03/05/97	42	0.8	0.755	0.9	0.6	0.007	0.083	0.63	0.7	0.8	0.9
00940	CHLORIDE,TOTAL IN WATER MG/L	02/14/89-03/05/97	42	0.5	0.565	2.	0.05	0.14	0.374	0.3	0.4	0.6	0.87
00945	SULFATE, TOTAL (MG/L AS SO4)	02/14/89-03/05/97	42	3.	3.286	5.	2.	0.355	0.596	3.	3.	4.	4.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/29/85-03/05/97	43	0.1	0.178	3.	0.05	0.197	0.444	0.05	0.1	0.1	0.2
00955	SILICA, DISSOLVED (MG/L AS SI02)	02/14/89-03/05/97	42	5.85	5.745	7.7	3.7	1.248	1.117	4.3	4.8	6.65	7.27
01005	BARIUM, DISSOLVED (UG/L AS BA)	02/14/89-03/05/97	42	7.5	7.286	9.	1.	1.624	1.274	7.	7.	8.	8.
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	02/14/89-03/05/97	42 ##	0.25	0.276	1.1	0.25	0.018	0.136	0.25	0.25	0.25	0.25
01025	CADMIUM, DISSOLVED (UG/L AS CD)	06/25/81-03/05/97	85 ##	0.5	0.641	5.	0.	0.331	0.575	0.5	0.5	0.5	1.

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

Parameter Inventory for Station: ROMO0060

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	02/14/89-03/05/97	41 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
01035	COBALT, DISSOLVED (UG/L AS CO)	02/14/89-03/05/97	42 ##	1.5	1.5	1.5	1.5	0.	0.	1.5	1.5	1.5	1.5
01040	COPPER, DISSOLVED (UG/L AS CU)	06/25/81-03/05/97	86 ##	5.	4.	11.	0.5	3.618	1.902	1.	2.	5.	5.
01046	IRON, DISSOLVED (UG/L AS FE)	02/14/89-03/05/97	42	23.5	27.25	84.	1.5	478.271	21.869	4.2	10.75	37.5	65.2
01049	LEAD, DISSOLVED (UG/L AS PB)	06/25/81-03/05/97	86 ##	5.	4.058	37.	0.	18.12	4.257	0.5	2.375	5.	5.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	02/14/89-03/05/97	42	3.	12.19	81.	0.	460.512	21.46	0.5	1.	12.25	59.4
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	02/14/89-03/05/97	42 ##	5.	5.119	10.	5.	0.595	0.772	5.	5.	5.	5.
01065	NICKEL, DISSOLVED (UG/L AS NI)	06/25/81-03/05/97	85 ##	5.	3.529	15.	0.	5.931	2.435	0.5	1.	5.	5.
01075	SILVER, DISSOLVED (UG/L AS AG)	02/14/89-03/05/97	41 ##	0.5	0.707	2.	0.5	0.25	0.5	0.5	0.5	0.5	2.
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	02/14/89-03/05/97	42	46.	45.976	51.	29.	14.463	3.803	41.	45.	48.25	49.7
01085	VANADIUM, DISSOLVED (UG/L AS V)	02/14/89-03/05/97	42 ##	3.	3.	3.	3.	0.	0.	3.	3.	3.	3.
01090	ZINC, DISSOLVED (UG/L AS ZN)	06/25/81-03/05/97	84	5.	8.071	30.	1.5	43.465	6.593	1.5	4.	10.	20.
01130	LITHIUM, DISSOLVED (UG/L AS LI)	02/14/89-03/05/97	41 ##	2.	2.415	11.	2.	2.449	1.565	2.	2.	2.	3.6
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/24/70-09/22/88	104	3.	13.808	400.	0.	1748.268	41.812	0.	0.5	13.	33.5
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/24/70-09/22/88	104	0.477	0.554	2.602	-0.301	0.473	0.688	0.	-0.301	1.114	1.525
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.585								
31504	COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,35C	09/01/88-11/29/88	3	4.	2.833	4.	0.5	4.083	2.021	**	**	**	**
31504	LOG COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,	09/01/88-11/29/88	3	0.602	0.301	0.602	-0.301	0.272	0.521	**	**	**	**
31504	GM COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,3	GEOMETRIC MEAN =			2.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/24/70-08/14/75	38	0.	0.25	1.	0.	0.145	0.381	0.	0.	0.5	1.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/24/70-08/14/75	38	0.	-0.055	0.	-0.301	0.014	0.118	0.	0.	-0.301	0.
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			0.88								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	03/15/78-11/29/88	72 ##	0.5	0.833	10.	0.5	1.676	1.295	0.5	0.5	0.5	1.
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	03/15/78-11/29/88	72 ##	-0.301	-0.21	1.	-0.301	0.061	0.246	-0.301	-0.301	-0.301	0.
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			0.617								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/13/80-11/13/80	1	10.	10.	10.	10.	0.	0.	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/13/80-11/13/80	1	1.	1.	1.	1.	0.	0.	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			10.								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	02/14/89-03/05/97	42	41.	40.714	66.	0.	98.063	9.903	32.	36.75	46.25	50.
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/23/90-12/10/92	14 ##	0.005	0.01	0.02	0.005	0.	0.007	0.005	0.005	0.02	0.02
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	04/26/79-11/27/85	37	0.09	0.085	0.28	0.03	0.003	0.058	0.03	0.03	0.09	0.156
71887	NITROGEN, TOTAL, AS NO3 - MG/L	03/15/78-03/30/83	31	2.7	2.461	4.8	0.9	1.1	1.049	1.12	1.3	3.3	3.66

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

EPA Water Quality Criteria Analysis for Station: ROMO0060

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	155	16	0.10	59	16	0.27	83	0	0.00	13	0	0.00			
00400	PH	Fresh Chronic	9.	155	0	0.00	56	0	0.00	86	0	0.00	13	0	0.00			
		Other-Lo Lim.	6.5	155	16	0.10	56	6	0.11	86	10	0.12	13	0	0.00			
00403	PH, LAB	Fresh Chronic	9.	42	0	0.00	19	0	0.00	22	0	0.00	1	0	0.00			
		Other-Lo Lim.	6.5	42	0	0.00	19	0	0.00	22	0	0.00	1	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	41	0	0.00	19	0	0.00	21	0	0.00	1	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	14	0	0.00	7	0	0.00	6	0	0.00	1	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	87	0	0.00	35	0	0.00	43	0	0.00	9	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	41	0	0.00	19	0	0.00	21	0	0.00	1	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	42	0	0.00	19	0	0.00	22	0	0.00	1	0	0.00			
		Drinking Water	250.	42	0	0.00	19	0	0.00	22	0	0.00	1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	42	0	0.00	19	0	0.00	22	0	0.00	1	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	43	0	0.00	19	0	0.00	23	0	0.00	1	0	0.00			
01005	BARIUM, DISSOLVED	Drinking Water	2000.	42	0	0.00	19	0	0.00	22	0	0.00	1	0	0.00			
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	42	0	0.00	19	0	0.00	22	0	0.00	1	0	0.00			
		Drinking Water	4.	42	0	0.00	19	0	0.00	22	0	0.00	1	0	0.00			
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	85	1	0.01	39	1	0.03	42	0	0.00	4	0	0.00			
		Drinking Water	5.	85	1	0.01	39	1	0.03	42	0	0.00	4	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	41	0	0.00	19	0	0.00	21	0	0.00	1	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	86	0	0.00	39	0	0.00	43	0	0.00	4	0	0.00			
		Drinking Water	1300.	86	0	0.00	39	0	0.00	43	0	0.00	4	0	0.00			

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

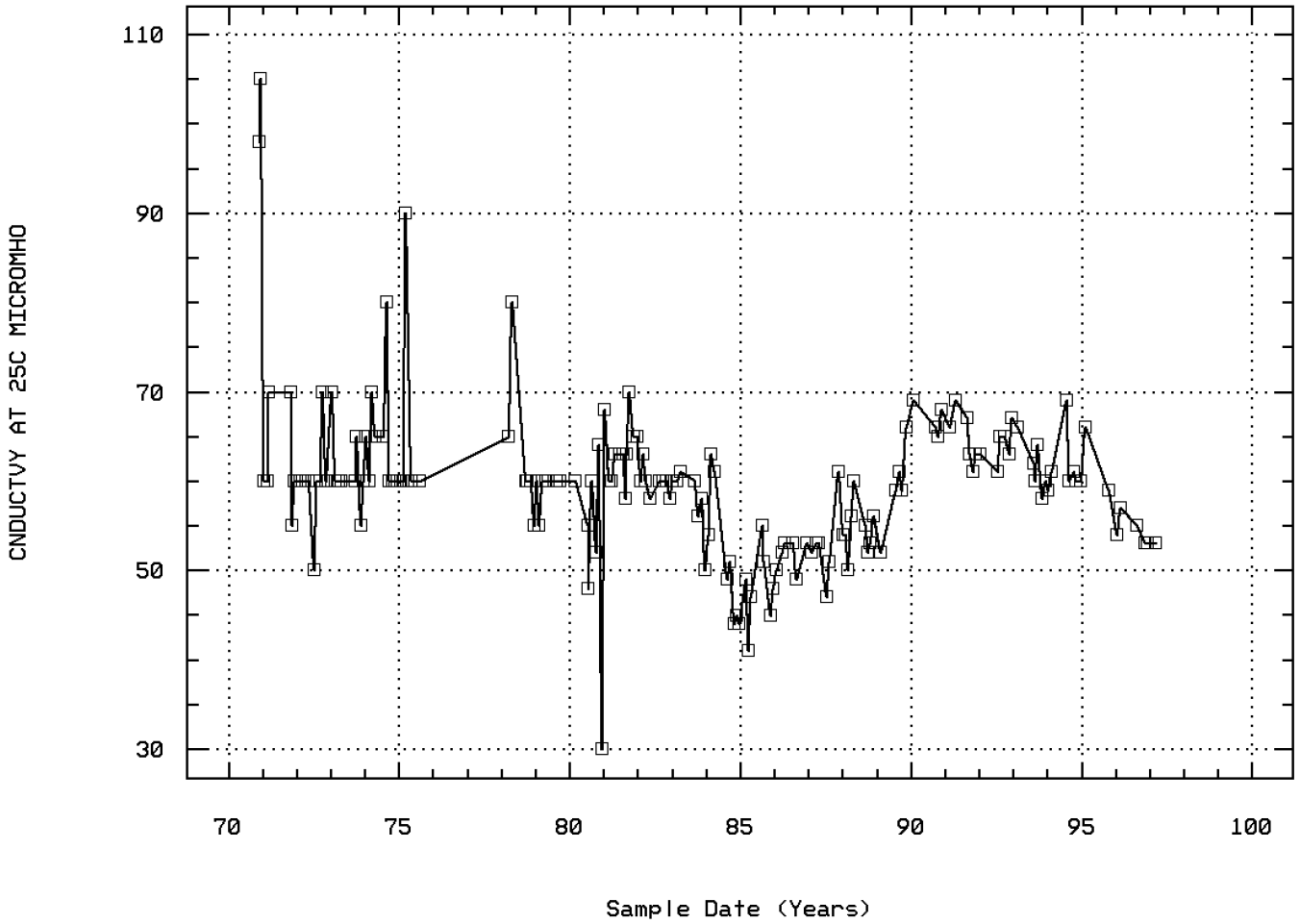
EPA Water Quality Criteria Analysis for Station: ROMO0060

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01049	LEAD, DISSOLVED	Fresh Acute	82.	86	0	0.00	39	0	0.00	43	0	0.00	4	0	0.00			
		Drinking Water	15.	86	1	0.01	39	0	0.00	43	1	0.02	4	0	0.00			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	85	0	0.00	39	0	0.00	42	0	0.00	4	0	0.00			
		Drinking Water	100.	85	0	0.00	39	0	0.00	42	0	0.00	4	0	0.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	41	0	0.00	19	0	0.00	21	0	0.00	1	0	0.00			
		Drinking Water	100.	41	0	0.00	19	0	0.00	21	0	0.00	1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	84	0	0.00	38	0	0.00	42	0	0.00	4	0	0.00			
		Drinking Water	5000.	84	0	0.00	38	0	0.00	42	0	0.00	4	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	104	0	0.00	33	0	0.00	60	0	0.00	11	0	0.00			
31504	COLIFORM,TOT,MEMBRANE FILTR,IMMED. LES-E	Other-Hi Lim.	1000.	3	0	0.00	2	0	0.00	1	0	0.00						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	38	0	0.00	11	0	0.00	23	0	0.00	4	0	0.00			
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	72	0	0.00	24	0	0.00	41	0	0.00	7	0	0.00			

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

Station: ROMO0060 Parameter Code: 00095

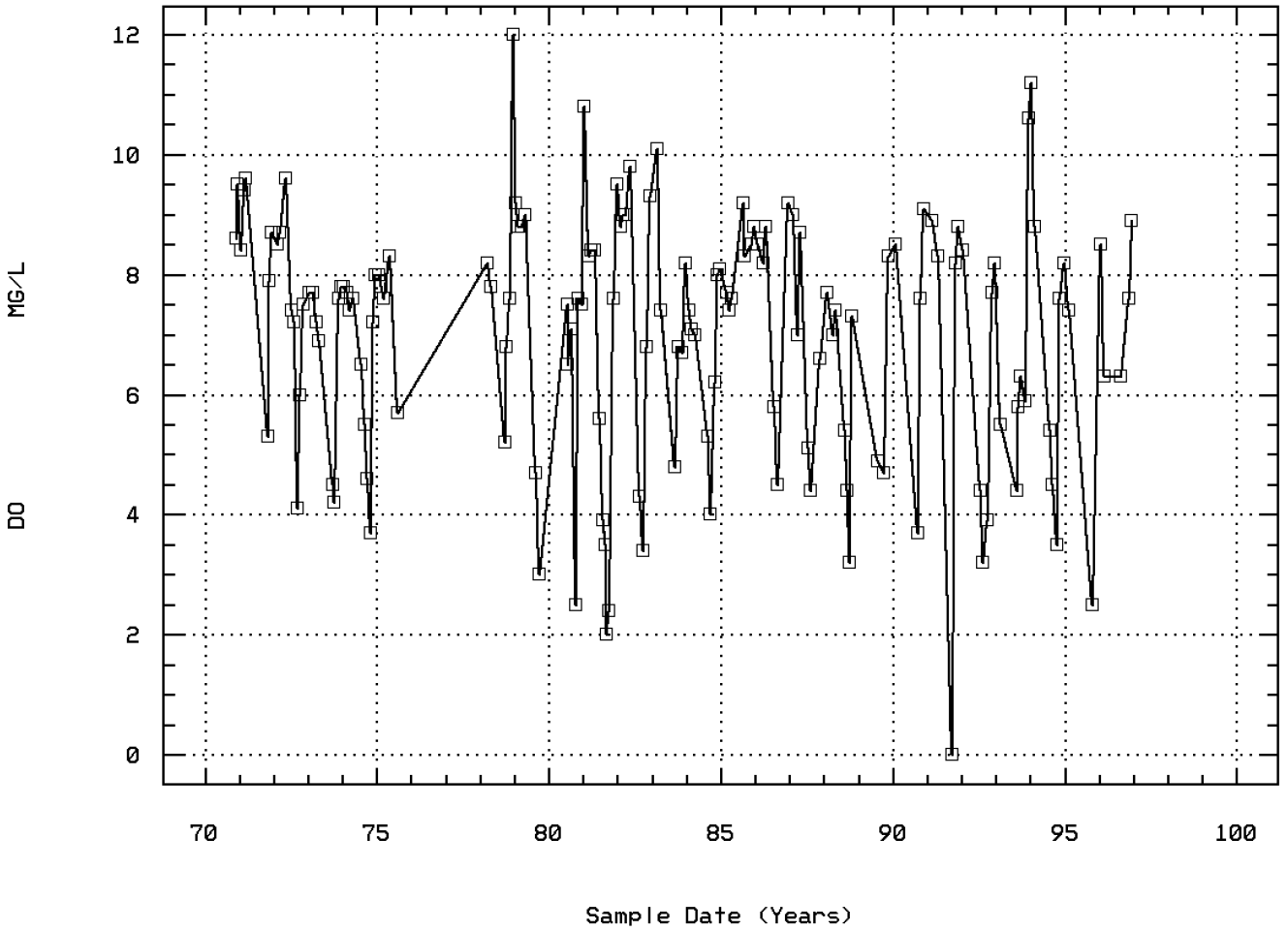
SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)



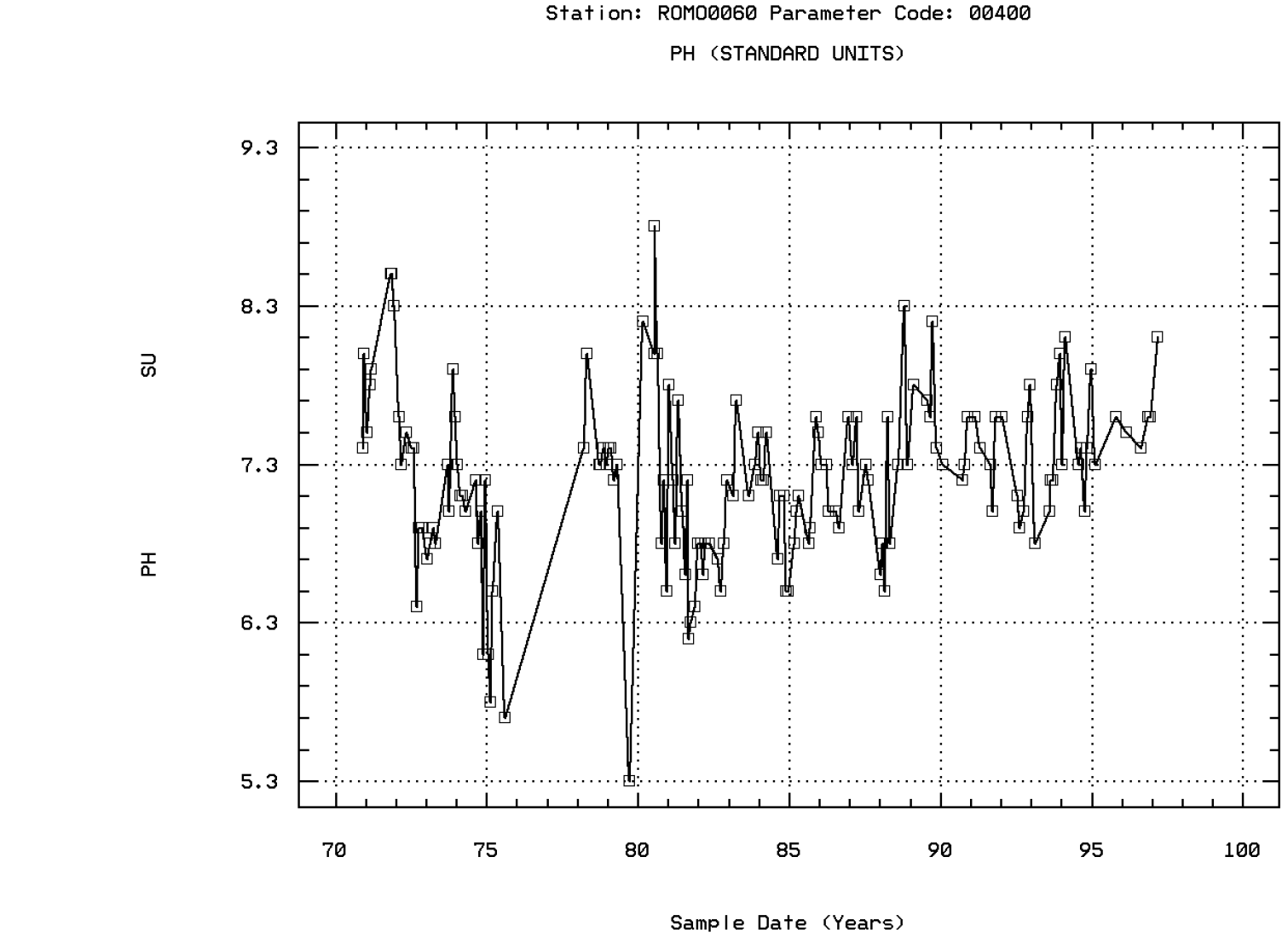
GRANBY PUMP CANAL NR GRAND LAKE, CO.

Station: ROMO0060 Parameter Code: 00300

OXYGEN, DISSOLVED



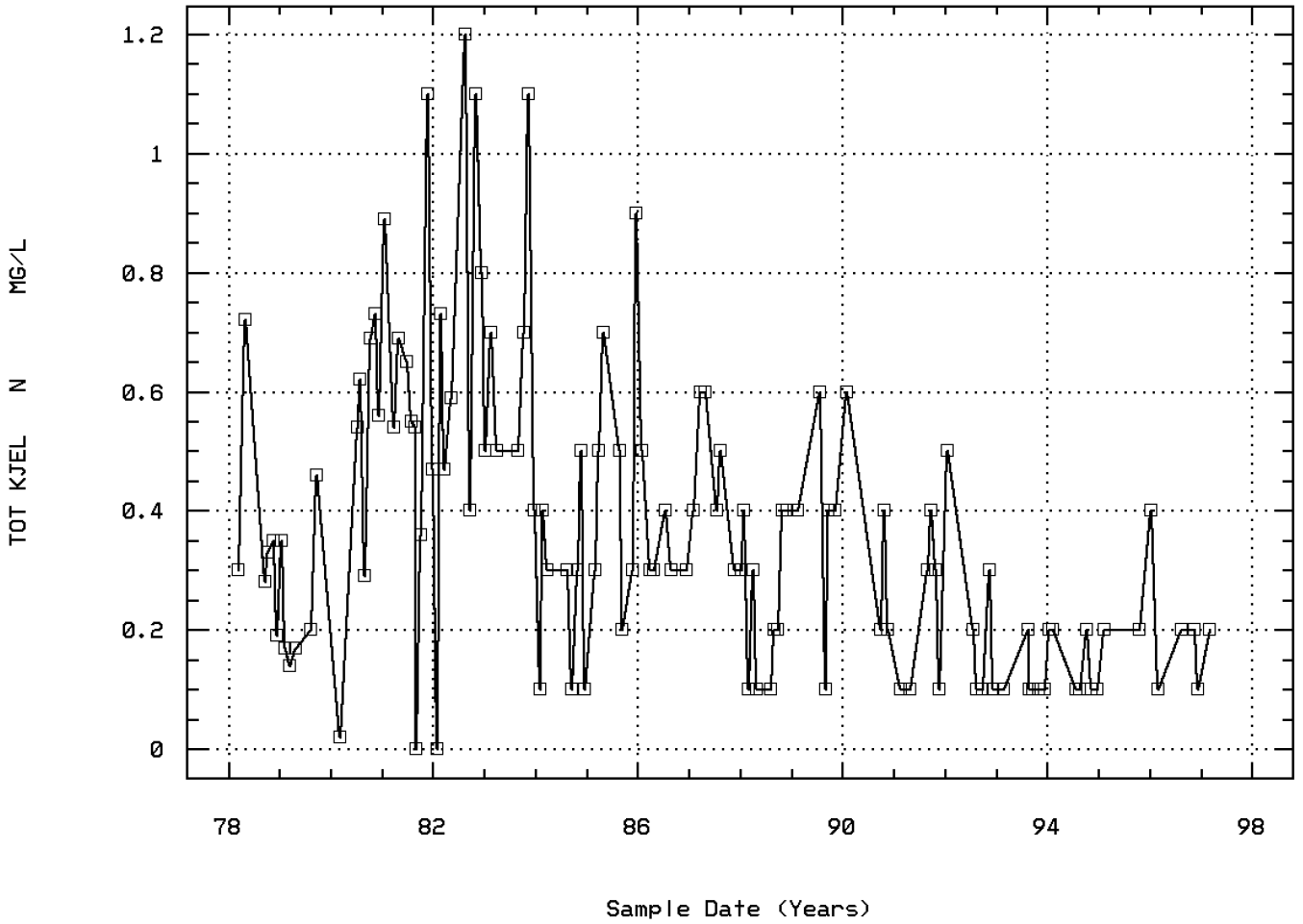
GRANBY PUMP CANAL NR GRAND LAKE, CO.



GRANBY PUMP CANAL NR GRAND LAKE, CO.

Station: ROMO0060 Parameter Code: 00625

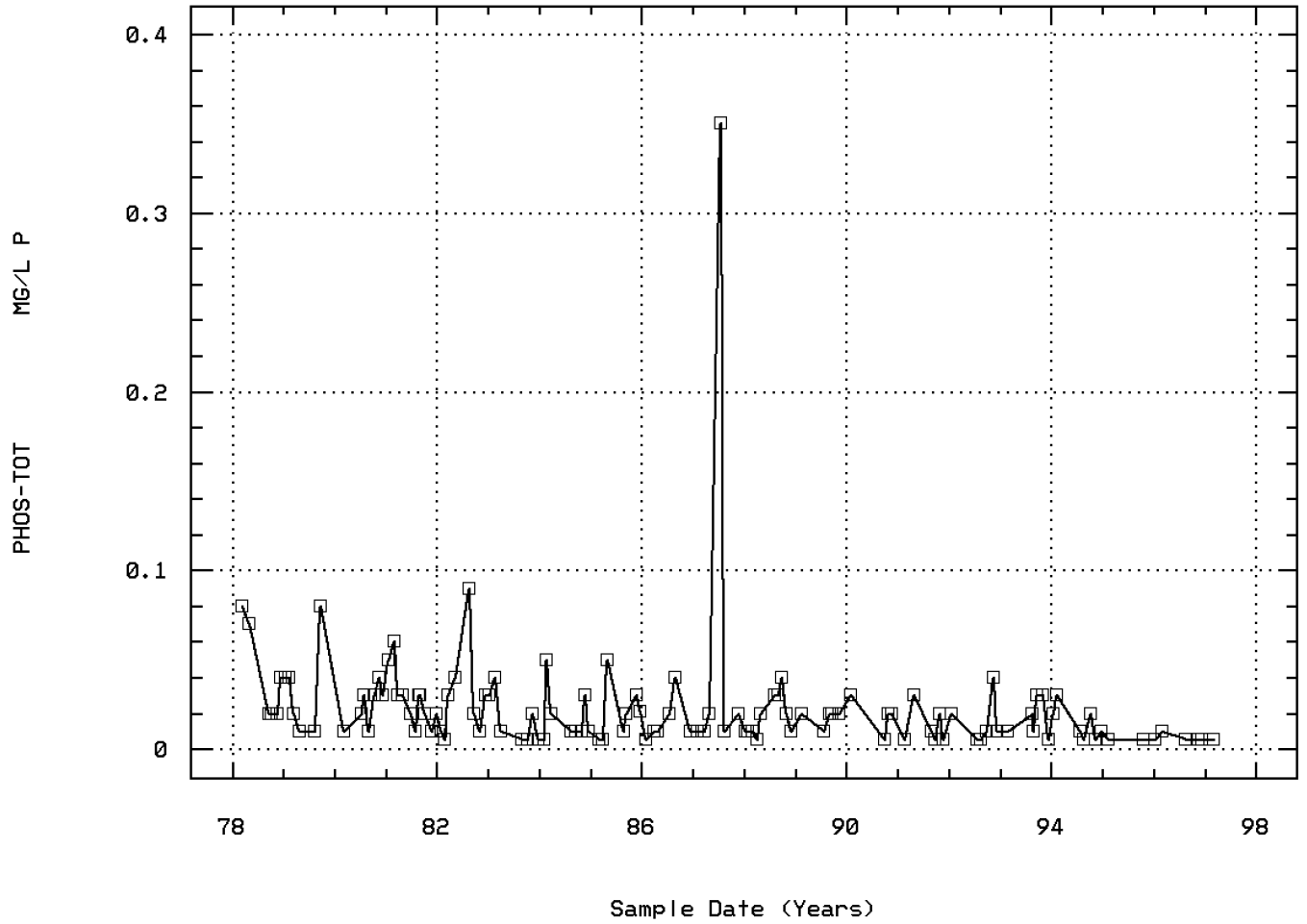
NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)



GRANBY PUMP CANAL NR GRAND LAKE, CO.

Station: ROMO0060 Parameter Code: 00665

PHOSPHORUS, TOTAL (MG/L AS P)



GRANBY PUMP CANAL NR GRAND LAKE, CO.

Annual Analysis for 1970 - Station ROMO0060

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/24/70-03/05/97	2	3.5	3.5	4.	3.	0.5	0.707	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/24/70-03/05/97	2	101.5	101.5	105.	98.	24.5	4.95	**	**	**	**

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

Annual Analysis for 1971 - Station ROMO0060

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/24/70-03/05/97	6	3.	4.167	8.	2.	5.367	2.317	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/24/70-03/05/97	6	60.	62.5	70.	55.	37.5	6.124	**	**	**	**

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

Annual Analysis for 1972 - Station ROMO0060

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/24/70-03/05/97	8	5.75	6.438	13.	2.5	11.031	3.321	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/24/70-03/05/97	8	60.	60.	70.	50.	28.571	5.345	**	**	**	**

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

Annual Analysis for 1973 - Station ROMO0060

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/24/70-03/05/97	8	2.75	3.688	7.	1.	5.496	2.344	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/24/70-03/05/97	8	60.	61.25	70.	55.	19.643	4.432	**	**	**	**

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

Annual Analysis for 1974 - Station ROMO0060

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/24/70-03/05/97	10	4.	4.4	7.5	2.	5.656	2.378	2.	2.	6.625	7.45
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/24/70-03/05/97	10	62.5	64.5	80.	60.	41.389	6.433	60.	60.	66.25	79.

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

Annual Analysis for 1975 - Station ROMO0060

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/24/70-03/05/97	5	1.5	2.8	7.	1.5	5.7	2.387	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/24/70-03/05/97	5	60.	66.	90.	60.	180.	13.416	**	**	**	**

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

Annual Analysis for 1978 - Station ROMO0060

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/24/70-03/05/97	6	7.25	7.	12.	2.	19.1	4.37	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/24/70-03/05/97	6	60.	63.333	80.	55.	76.667	8.756	**	**	**	**

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

Annual Analysis for 1979 - Station ROMO0060

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/24/70-03/05/97	6	3.25	5.167	10.	2.	14.467	3.804	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/24/70-03/05/97	6	60.	59.167	60.	55.	4.167	2.041	**	**	**	**

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

Annual Analysis for 1980 - Station ROMO0060

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/24/70-03/05/97	7	9.	7.929	13.	3.	13.369	3.656	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/24/70-03/05/97	7	55.	52.714	64.	30.	129.571	11.383	**	**	**	**

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

Annual Analysis for 1981 - Station ROMO0060

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/24/70-03/05/97	11	6.	5.864	9.	2.	5.955	2.44	2.2	3.5	8.	8.9
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/24/70-03/05/97	11	63.	63.455	70.	58.	12.273	3.503	58.4	60.	65.	69.6

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

Annual Analysis for 1982 - Station ROMO0060

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/24/70-03/05/97	8	3.75	5.375	13.	2.	16.268	4.033	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/24/70-03/05/97	8	60.	59.875	63.	58.	2.411	1.553	**	**	**	**

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

Annual Analysis for 1983 - Station ROMO0060

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/24/70-03/05/97	7	2.5	4.286	8.	2.	6.821	2.612	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/24/70-03/05/97	7	60.	57.857	61.	50.	14.81	3.848	**	**	**	**

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

Annual Analysis for 1984 - Station ROMO0060

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/24/70-03/05/97	9	4.	4.389	7.	2.5	3.674	1.917	2.5	2.75	6.75	7.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/24/70-03/05/97	9	49.	50.667	63.	44.	53.25	7.297	44.	44.5	57.5	63.

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

Annual Analysis for 1985 - Station ROMO0060

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/24/70-03/05/97	7	4.	4.5	7.	3.	3.083	1.756	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/24/70-03/05/97	7	48.	48.	55.	41.	19.667	4.435	**	**	**	**

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

Annual Analysis for 1986 - Station ROMO0060

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/24/70-03/05/97	6	3.25	4.083	7.	1.	5.842	2.417	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/24/70-03/05/97	6	52.5	51.667	53.	49.	3.067	1.751	**	**	**	**

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

Annual Analysis for 1987 - Station ROMO0060

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/24/70-03/05/97	6	5.	4.9	6.5	3.	2.48	1.575	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/24/70-03/05/97	6	52.5	52.833	61.	47.	20.967	4.579	**	**	**	**

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

Annual Analysis for 1988 - Station ROMO0060

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/24/70-03/05/97	10	3.5	5.2	14.	2.	13.9	3.728	2.	2.75	7.25	13.4
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/24/70-03/05/97	9	54.	54.444	60.	50.	8.028	2.833	50.	52.5	56.	60.

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

Annual Analysis for 1989 - Station ROMO0060

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/24/70-03/05/97	5	9.	7.6	12.5	1.	19.925	4.464	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/24/70-03/05/97	5	59.	59.4	66.	52.	25.3	5.03	**	**	**	**

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

Annual Analysis for 1990 - Station ROMO0060

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/24/70-03/05/97	4	7.75	8.	12.5	4.	13.167	3.629	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/24/70-03/05/97	4	67.	67.	69.	65.	3.333	1.826	**	**	**	**

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

Annual Analysis for 1991 - Station ROMO0060

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/24/70-03/05/97	6	6.35	6.917	12.5	2.3	16.078	4.01	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/24/70-03/05/97	6	64.5	64.833	69.	61.	8.967	2.994	**	**	**	**

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

Annual Analysis for 1992 - Station ROMO0060

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/24/70-03/05/97	6	6.8	6.45	12.3	1.8	17.231	4.151	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/24/70-03/05/97	6	64.	64.	67.	61.	4.4	2.098	**	**	**	**

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

Annual Analysis for 1993 - Station ROMO0060

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/24/70-03/05/97	6	5.95	5.85	10.4	2.2	12.143	3.485	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/24/70-03/05/97	6	61.	61.667	66.	58.	8.667	2.944	**	**	**	**

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

Annual Analysis for 1994 - Station ROMO0060

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/24/70-03/05/97	7	7.3	5.829	9.1	2.6	7.066	2.658	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/24/70-03/05/97	7	60.	61.429	69.	59.	11.619	3.409	**	**	**	**

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

Annual Analysis for 1995 - Station ROMO0060

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/24/70-03/05/97	2	5.6	5.6	8.	3.2	11.52	3.394	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/24/70-03/05/97	2	62.5	62.5	66.	59.	24.5	4.95	**	**	**	**

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

Annual Analysis for 1996 - Station ROMO0060

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/24/70-03/05/97	5	3.5	5.9	14.	3.	22.05	4.696	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/24/70-03/05/97	5	54.	54.4	57.	53.	2.8	1.673	**	**	**	**

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

Annual Analysis for 1997 - Station ROMO0060

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/24/70-03/05/97	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/24/70-03/05/97	1	53.	53.	53.	53.	0.	0.	**	**	**	**

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

Seasonal Analysis for Season #1: 6/10 to 10/31 - Station ROMO0060

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/24/70-03/05/97	61	8.	8.808	14.	6.	4.807	2.192	6.5	7.	10.	12.5
00025	BAROMETRIC PRESSURE (MM OF HG)	08/25/83-12/11/96	31	565.	565.387	577.	553.	30.512	5.524	560.	562.	568.	575.6
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/04/73-03/05/97	50	404.	480.76	1017.	0.	58208.023	241.263	200.	321.5	718.5	789.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/24/70-03/05/97	60	60.	59.333	80.	44.	42.836	6.545	50.1	55.	63.	66.9
00300p	OXYGEN, DISSOLVED MG/L	11/24/70-12/11/96	59	4.8	5.036	9.2	0.	2.998	1.731	3.	3.9	6.3	7.4
00400p	PH (STANDARD UNITS)	11/24/70-03/05/97	56	7.15	7.148	8.8	5.3	0.353	0.594	6.47	6.9	7.375	8.
00400p	CONVERTED PH (STANDARD UNITS)	11/24/70-03/05/97	56	7.147	6.645	8.8	5.3	0.611	0.781	6.47	6.9	7.375	8.
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/24/70-03/05/97	56	0.071	0.226	5.012	0.002	0.501	0.708	0.01	0.042	0.126	0.341
00403	PH, LAB, STANDARD UNITS SU	02/14/89-03/05/97	19	7.4	7.384	8.	6.6	0.159	0.399	6.7	7.2	7.8	7.9
00403	CONVERTED PH, LAB, STANDARD UNITS	02/14/89-03/05/97	19	7.4	7.203	8.	6.6	0.194	0.44	6.7	7.2	7.8	7.9
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/14/89-03/05/97	19	0.04	0.063	0.251	0.01	0.004	0.065	0.013	0.016	0.063	0.2
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	02/14/89-03/05/97	19	0.01	0.014	0.03	0.005	0.	0.009	0.005	0.005	0.02	0.03
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	02/14/89-03/05/97	19 ##	0.005	0.005	0.01	0.005	0.	0.001	0.005	0.005	0.005	0.005
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/15/78-03/05/97	49	0.3	0.337	1.2	0.	0.048	0.22	0.1	0.2	0.48	0.62
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/15/78-12/10/92	35	0.09	0.092	0.27	0.	0.004	0.061	0.04	0.05	0.11	0.194
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	02/14/89-03/05/97	19	0.09	0.077	0.1	0.025	0.001	0.027	0.025	0.05	0.1	0.1
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/15/78-03/05/97	49	0.02	0.026	0.35	0.005	0.003	0.05	0.005	0.01	0.025	0.04
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	02/14/89-03/05/97	19 ##	0.005	0.007	0.02	0.005	0.	0.005	0.005	0.005	0.005	0.02
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	02/14/89-03/05/97	19 ##	0.005	0.007	0.02	0.005	0.	0.004	0.005	0.005	0.01	0.01
00915	CALCIUM, DISSOLVED (MG/L AS CA)	02/14/89-03/05/97	19	7.7	7.668	8.6	6.6	0.262	0.512	6.9	7.3	8.1	8.5
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/14/89-03/05/97	19	1.4	1.347	1.5	1.2	0.006	0.077	1.2	1.3	1.4	1.4
00930	SODIUM, DISSOLVED (MG/L AS NA)	02/14/89-03/05/97	19	2.4	2.379	2.6	2.	0.036	0.19	2.	2.2	2.5	2.6
00935	POTASSIUM, DISSOLVED (MG/L AS K)	02/14/89-03/05/97	19	0.7	0.742	0.9	0.6	0.007	0.084	0.6	0.7	0.8	0.9
00940	CHLORIDE,TOTAL IN WATER MG/L	02/14/89-03/05/97	19	0.5	0.513	0.9	0.05	0.049	0.222	0.2	0.4	0.7	0.9
00945	SULFATE, TOTAL (MG/L AS SO4)	02/14/89-03/05/97	19	3.	3.368	5.	3.	0.357	0.597	3.	3.	4.	4.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/29/85-03/05/97	19	0.1	0.113	0.3	0.05	0.004	0.066	0.05	0.05	0.1	0.2
00955	SILICA, DISSOLVED (MG/L AS SI02)	02/14/89-03/05/97	19	6.6	6.168	7.7	3.9	1.427	1.194	4.3	5.1	7.2	7.4
01005	BARIUM, DISSOLVED (UG/L AS BA)	02/14/89-03/05/97	19	8.	7.526	8.	6.	0.374	0.612	7.	7.	8.	8.
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	02/14/89-03/05/97	19 ##	0.25	0.308	1.1	0.25	0.04	0.2	0.25	0.25	0.25	0.5
01025	CADMIUM, DISSOLVED (UG/L AS CD)	06/25/81-03/05/97	39 ##	0.5	0.679	5.	0.	0.599	0.774	0.5	0.5	0.5	1.
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	02/14/89-03/05/97	19 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
01035	COBALT, DISSOLVED (UG/L AS CO)	02/14/89-03/05/97	19 ##	1.5	1.5	1.5	1.5	0.	0.	1.5	1.5	1.5	1.5
01040	COPPER, DISSOLVED (UG/L AS CU)	06/25/81-03/05/97	39	5.	4.333	11.	1.	4.07	2.017	2.	2.	5.	6.
01046	IRON, DISSOLVED (UG/L AS FE)	02/14/89-03/05/97	19	25.	29.053	67.	13.	179.053	13.381	14.	20.	37.	47.
01049	LEAD, DISSOLVED (UG/L AS PB)	06/25/81-03/05/97	39 ##	4.	3.385	5.	0.	3.269	1.808	0.5	2.5	5.	5.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	02/14/89-03/05/97	19	8.	22.632	81.	0.	789.468	28.097	2.	4.	37.	72.
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	02/14/89-03/05/97	19 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01065	NICKEL, DISSOLVED (UG/L AS NI)	06/25/81-03/05/97	39 ##	5.	3.526	15.	0.	7.565	2.75	0.5	1.	5.	5.
01075	SILVER, DISSOLVED (UG/L AS AG)	02/14/89-03/05/97	19 ##	0.5	0.684	2.	0.5	0.228	0.478	0.5	0.5	0.5	2.
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	02/14/89-03/05/97	19	47.	46.895	50.	43.	3.766	1.941	44.	46.	49.	50.
01085	VANADIUM, DISSOLVED (UG/L AS V)	02/14/89-03/05/97	19 ##	3.	3.	3.	3.	0.	0.	3.	3.	3.	3.
01090	ZINC, DISSOLVED (UG/L AS ZN)	06/25/81-03/05/97	38	9.	9.75	30.	1.5	49.618	7.044	1.5	5.	14.25	20.
01130	LITHIUM, DISSOLVED (UG/L AS LI)	02/14/89-03/05/97	19 ##	2.	2.211	4.	2.	0.398	0.631	2.	2.	2.	4.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/24/70-09/22/88	33	6.	24.045	400.	0.	4740.334	68.85	0.2	2.	23.	39.4
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/24/70-09/22/88	33	0.778	0.806	2.602	-0.301	0.479	0.692	-0.12	0.301	1.361	1.593
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			6.393								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	03/15/78-11/29/88	24 ##	0.5	1.146	10.	0.5	3.902	1.975	0.5	0.5	1.	2.5
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	03/15/78-11/29/88	24 ##	-0.301	-0.139	1.	-0.301	0.104	0.323	-0.301	-0.301	0.	0.389
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			0.726								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	02/14/89-03/05/97	19	39.	38.368	66.	0.	167.912	12.958	26.	33.	42.	56.
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	04/26/79-11/27/85	15	0.06	0.087	0.28	0.03	0.006	0.076	0.03	0.03	0.09	0.262

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

Seasonal Analysis for Season #2: 11/01 to 4/10 - Station ROMO0060

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/24/70-03/05/97	90	3.	3.26	7.7	1.	2.282	1.511	2.	2.	4.	6.
00025	BAROMETRIC PRESSURE (MM OF HG)	08/25/83-12/11/96	44	560.	562.409	625.	550.	166.992	12.923	551.	555.	565.	571.5
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/04/73-03/05/97	64	607.5	542.469	999.	29.	38823.205	197.036	325.	351.25	700.75	760.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/24/70-03/05/97	90	60.	59.533	105.	30.	97.847	9.892	50.	54.	63.	67.9
00300p	OXYGEN, DISSOLVED MG/L	11/24/70-12/11/96	83	8.2	8.211	12.	5.5	1.172	1.083	7.	7.6	8.8	9.46
00400p	PH (STANDARD UNITS)	11/24/70-03/05/97	86	7.3	7.272	8.5	5.8	0.274	0.523	6.5	6.8	7.6	7.9
00400p	CONVERTED PH (STANDARD UNITS)	11/24/70-03/05/97	86	7.3	6.93	8.5	5.8	0.392	0.626	6.5	6.8	7.6	7.9
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/24/70-03/05/97	86	0.05	0.118	1.585	0.003	0.046	0.214	0.013	0.025	0.158	0.316
00403	PH, LAB, STANDARD UNITS SU	02/14/89-03/05/97	22	7.6	7.623	8.2	7.2	0.064	0.252	7.23	7.4	7.8	7.97
00403	CONVERTED PH, LAB, STANDARD UNITS	02/14/89-03/05/97	22	7.6	7.556	8.2	7.2	0.068	0.262	7.23	7.4	7.8	7.97
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/14/89-03/05/97	22	0.025	0.028	0.063	0.006	0.	0.016	0.011	0.016	0.04	0.059
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	02/14/89-03/05/97	21	0.01	0.014	0.08	0.005	0.	0.016	0.005	0.008	0.02	0.02
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	02/14/89-03/05/97	21 ##	0.005	0.008	0.02	0.005	0.	0.005	0.005	0.005	0.008	0.02
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/15/78-03/05/97	66	0.3	0.382	1.1	0.	0.076	0.276	0.1	0.163	0.5	0.827
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/15/78-12/10/92	43 ##	0.05	0.081	0.2	0.025	0.002	0.042	0.047	0.05	0.1	0.136
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	02/14/89-03/05/97	21	0.06	0.073	0.2	0.025	0.003	0.051	0.025	0.025	0.1	0.18
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/15/78-03/05/97	66	0.01	0.019	0.08	0.005	0.	0.016	0.005	0.009	0.03	0.04
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	02/14/89-03/05/97	21 ##	0.005	0.011	0.04	0.005	0.	0.009	0.005	0.005	0.02	0.02
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	02/14/89-03/05/97	21 ##	0.005	0.006	0.01	0.005	0.	0.002	0.005	0.005	0.005	0.01
00915	CALCIUM, DISSOLVED (MG/L AS CA)	02/14/89-03/05/97	22	7.45	7.459	8.4	6.4	0.341	0.584	6.46	7.075	7.9	8.21
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/14/89-03/05/97	22	1.3	1.332	1.5	1.2	0.009	0.095	1.2	1.275	1.4	1.47
00930	SODIUM, DISSOLVED (MG/L AS NA)	02/14/89-03/05/97	22	2.35	2.341	2.8	1.8	0.067	0.259	1.93	2.175	2.6	2.67
00935	POTASSIUM, DISSOLVED (MG/L AS K)	02/14/89-03/05/97	22	0.8	0.759	0.9	0.6	0.006	0.08	0.63	0.7	0.8	0.87
00940	CHLORIDE,TOTAL IN WATER MG/L	02/14/89-03/05/97	22	0.5	0.6	2.	0.1	0.224	0.473	0.3	0.4	0.6	1.64
00945	SULFATE, TOTAL (MG/L AS SO4)	02/14/89-03/05/97	22	3.	3.227	5.	2.	0.374	0.612	3.	3.	3.25	4.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/29/85-03/05/97	23	0.1	0.235	3.	0.05	0.366	0.605	0.05	0.1	0.1	0.2
00955	SILICA, DISSOLVED (MG/L AS SI02)	02/14/89-03/05/97	22	5.55	5.436	6.8	3.7	0.878	0.937	4.02	4.725	6.325	6.47
01005	BARIUM, DISSOLVED (UG/L AS BA)	02/14/89-03/05/97	22	7.	7.045	9.	1.	2.712	1.647	4.9	7.	8.	8.
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	02/14/89-03/05/97	22 ##	0.25	0.25	0.25	0.25	0.	0.	0.25	0.25	0.25	0.25
01025	CADMIUM, DISSOLVED (UG/L AS CD)	06/25/81-03/05/97	42 ##	0.5	0.619	2.	0.5	0.12	0.346	0.5	0.5	0.5	1.
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	02/14/89-03/05/97	21 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
01035	COBALT, DISSOLVED (UG/L AS CO)	02/14/89-03/05/97	22 ##	1.5	1.5	1.5	1.5	0.	0.	1.5	1.5	1.5	1.5
01040	COPPER, DISSOLVED (UG/L AS CU)	06/25/81-03/05/97	43 ##	5.	3.756	5.	0.5	2.731	1.652	1.	2.	5.	5.
01046	IRON, DISSOLVED (UG/L AS FE)	02/14/89-03/05/97	22	11.	23.114	82.	1.5	606.07	24.618	1.5	7.75	36.25	75.
01049	LEAD, DISSOLVED (UG/L AS PB)	06/25/81-03/05/97	43 ##	5.	4.593	37.	0.5	31.551	5.617	0.5	2.	5.	8.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	02/14/89-03/05/97	22	1.	2.773	25.	0.	27.16	5.212	0.5	0.5	3.	6.1
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	02/14/89-03/05/97	22 ##	5.	5.227	10.	5.	1.136	1.066	5.	5.	5.	5.
01065	NICKEL, DISSOLVED (UG/L AS NI)	06/25/81-03/05/97	42 ##	5.	3.56	10.	0.5	4.624	2.15	0.5	2.	5.	5.
01075	SILVER, DISSOLVED (UG/L AS AG)	02/14/89-03/05/97	21 ##	0.5	0.738	2.	0.5	0.29	0.539	0.5	0.5	0.5	2.
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	02/14/89-03/05/97	22	45.5	44.955	51.	29.	21.95	4.685	40.	44.	48.	49.
01085	VANADIUM, DISSOLVED (UG/L AS V)	02/14/89-03/05/97	22 ##	3.	3.	3.	3.	0.	0.	3.	3.	3.	3.
01090	ZINC, DISSOLVED (UG/L AS ZN)	06/25/81-03/05/97	42 ##	5.	6.607	30.	1.5	37.763	6.145	1.5	1.5	10.	17.9
01130	LITHIUM, DISSOLVED (UG/L AS LI)	02/14/89-03/05/97	21 ##	2.	2.619	11.	2.	4.448	2.109	2.	2.	2.	5.2
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/24/70-09/22/88	60	1.	7.267	70.	0.	194.546	13.948	0.	0.5	7.5	21.8
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/24/70-09/22/88	60	0.	0.365	1.845	-0.301	0.401	0.634	0.	-0.301	0.872	1.338
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.316								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	03/15/78-11/29/88	41 ##	0.5	0.683	5.	0.5	0.634	0.797	0.5	0.5	0.5	0.5
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	03/15/78-11/29/88	41 ##	-0.301	-0.25	0.699	-0.301	0.04	0.199	-0.301	-0.301	-0.301	-0.301
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			0.562								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	02/14/89-03/05/97	22	43.5	42.591	54.	32.	38.348	6.193	32.6	37.	48.	50.
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	04/26/79-11/27/85	19	0.09	0.084	0.18	0.03	0.002	0.045	0.03	0.03	0.12	0.15

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

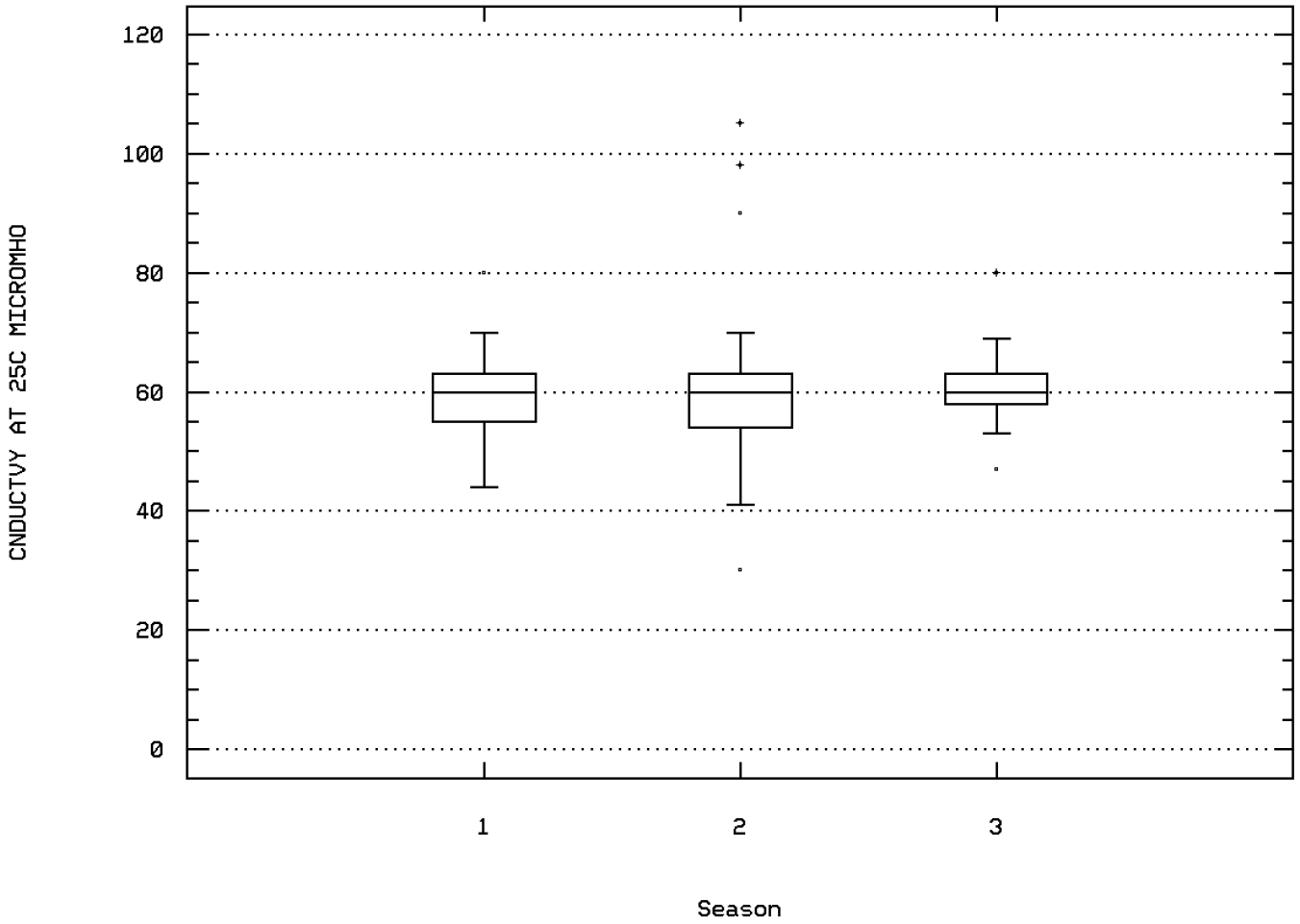
Seasonal Analysis for Season #3: 4/11 to 6/09 - Station ROMO0060

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/24/70-03/05/97	13	4.	4.	7.5	2.5	1.875	1.369	2.5	3.	4.5	6.7
00025	BAROMETRIC PRESSURE (MM OF HG)	08/25/83-12/11/96	5	558.	556.6	565.	550.	42.8	6.542	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/04/73-03/05/97	9	466.	439.778	710.	0.	48418.444	220.042	0.	328.	630.5	710.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/24/70-03/05/97	13	60.	60.615	80.	47.	65.09	8.068	49.4	55.5	64.	75.6
00300p	OXYGEN, DISSOLVED MG/L	11/24/70-12/11/96	13	8.3	8.323	9.8	6.9	0.737	0.858	7.1	7.6	8.9	9.72
00400p	PH (STANDARD UNITS)	11/24/70-03/05/97	13	7.	7.185	8.	6.8	0.14	0.374	6.8	6.9	7.45	7.88
00400p	CONVERTED PH (STANDARD UNITS)	11/24/70-03/05/97	13	7.	7.07	8.	6.8	0.154	0.392	6.8	6.9	7.45	7.88
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/24/70-03/05/97	13	0.1	0.085	0.158	0.01	0.003	0.053	0.014	0.036	0.129	0.158
00403	PH, LAB, STANDARD UNITS SU	02/14/89-03/05/97	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	02/14/89-03/05/97	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/14/89-03/05/97	1	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	02/14/89-03/05/97	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	02/14/89-03/05/97	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/15/78-03/05/97	9	0.59	0.441	0.72	0.1	0.073	0.269	0.1	0.135	0.695	0.72
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/15/78-12/10/92	9 ##	0.05	0.076	0.15	0.05	0.001	0.036	0.05	0.05	0.1	0.15
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	02/14/89-03/05/97	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/15/78-03/05/97	9	0.03	0.031	0.07	0.01	0.	0.02	0.01	0.015	0.045	0.07
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	02/14/89-03/05/97	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	02/14/89-03/05/97	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	02/14/89-03/05/97	1	8.7	8.7	8.7	8.7	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/14/89-03/05/97	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	02/14/89-03/05/97	1	2.7	2.7	2.7	2.7	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	02/14/89-03/05/97	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	02/14/89-03/05/97	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	02/14/89-03/05/97	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	03/29/85-03/05/97	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	02/14/89-03/05/97	1	4.5	4.5	4.5	4.5	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	02/14/89-03/05/97	1	8.	8.	8.	8.	0.	0.	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	02/14/89-03/05/97	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	06/25/81-03/05/97	4 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	02/14/89-03/05/97	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	02/14/89-03/05/97	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	06/25/81-03/05/97	4 ##	3.	3.375	7.	0.5	9.896	3.146	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	02/14/89-03/05/97	1	84.	84.	84.	84.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	06/25/81-03/05/97	4 ##	3.75	4.875	11.	1.	19.396	4.404	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	02/14/89-03/05/97	1	21.	21.	21.	21.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	02/14/89-03/05/97	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	06/25/81-03/05/97	4	3.	3.25	6.	1.	6.917	2.63	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	02/14/89-03/05/97	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	02/14/89-03/05/97	1	51.	51.	51.	51.	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	02/14/89-03/05/97	1 ##	3.	3.	3.	3.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	06/25/81-03/05/97	4	7.5	7.5	10.	5.	8.333	2.887	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	02/14/89-03/05/97	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/24/70-09/22/88	11	8.	18.773	114.	0.5	1060.568	32.566	0.6	2.	21.	95.8
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/24/70-09/22/88	11	0.903	0.836	2.057	-0.301	0.46	0.678	-0.241	0.301	1.322	1.918
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			6.856								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	03/15/78-11/29/88	7 ##	0.5	0.643	1.	0.5	0.06	0.244	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	03/15/78-11/29/88	7 ##	-0.301	-0.215	0.	-0.301	0.022	0.147	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			0.61								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	02/14/89-03/05/97	1	44.	44.	44.	44.	0.	0.	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	04/26/79-11/27/85	3	0.09	0.08	0.12	0.03	0.002	0.046	**	**	**	**

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

Station: ROMO0060 Parameter Code: 00095

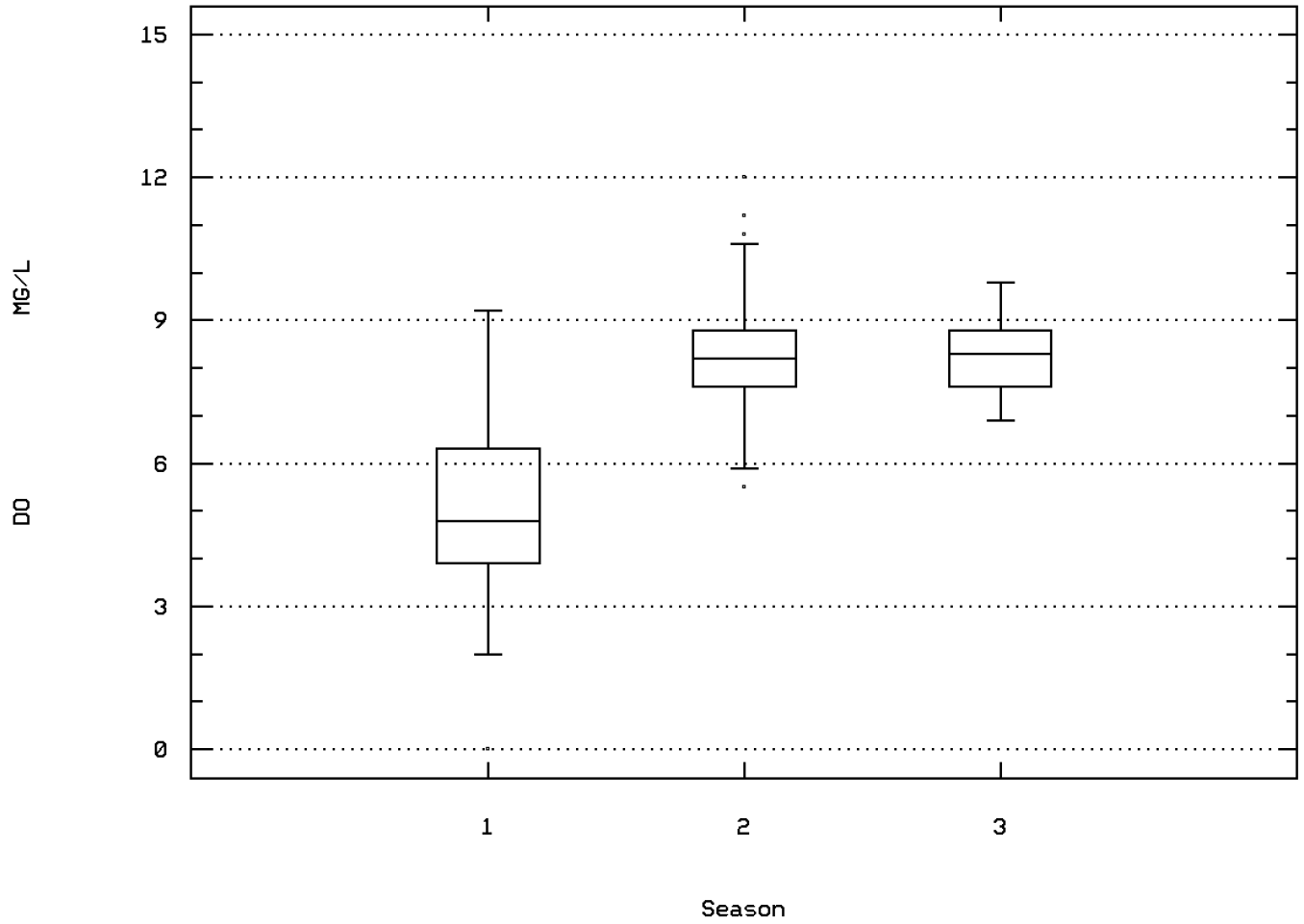
SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)



GRANBY PUMP CANAL NR GRAND LAKE, CO.

Station: ROMO0060 Parameter Code: 00300

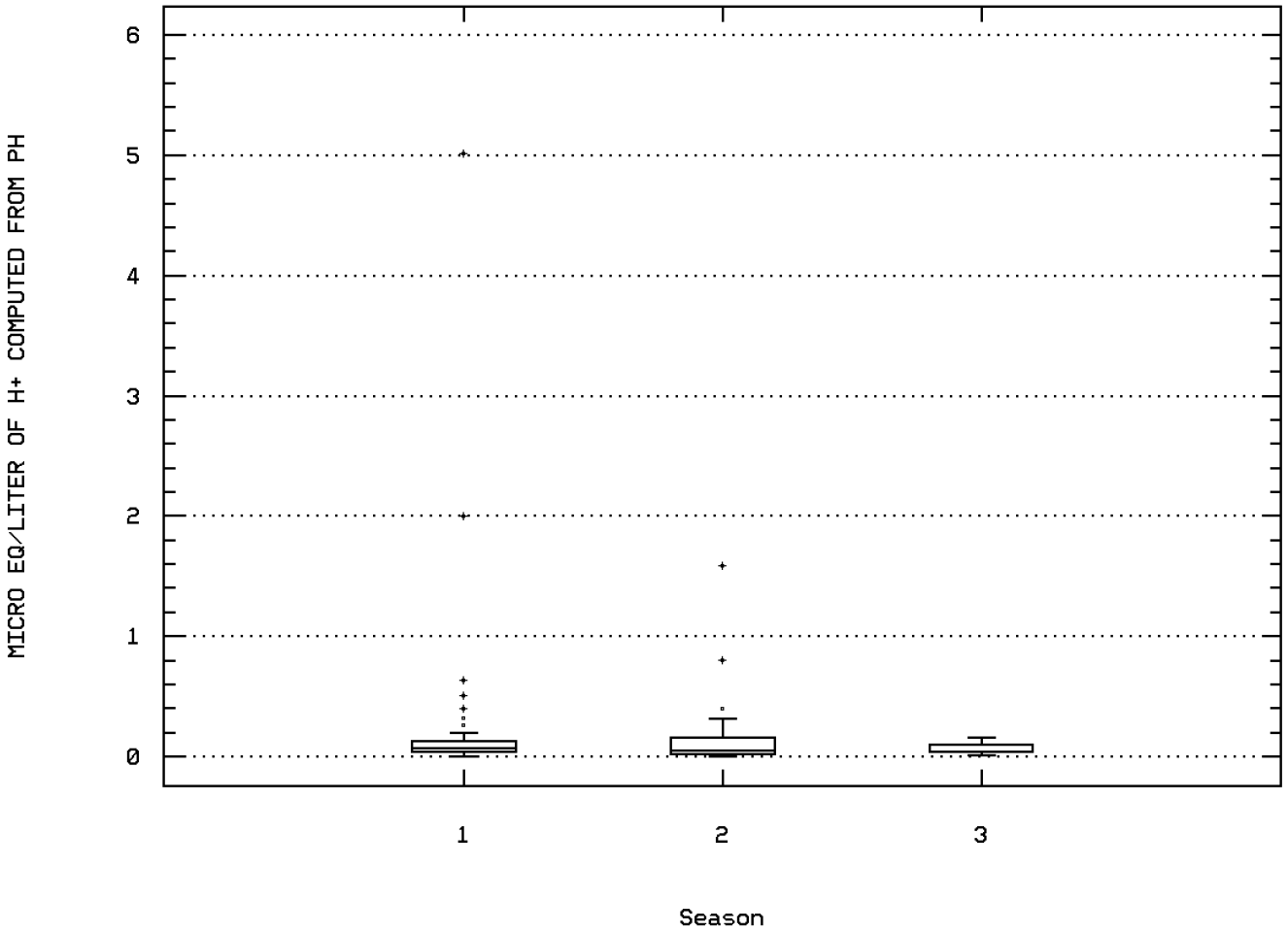
OXYGEN, DISSOLVED



GRANBY PUMP CANAL NR GRAND LAKE, CO.

Station: ROMO0060 Parameter Code: 00400

MICRO EQ/LITER OF H+ COMPUTED FROM PH



GRANBY PUMP CANAL NR GRAND LAKE, CO.

Station Inventory for Station: ROMO0061

NPS Station ID: ROMO0061 | LAT/LON: 40.206948/-105.840838 | Agency: 11EPALES | Date Created: / /
Location: COLORADO RIVER | FIPS State/County: 08000 COLORADO/
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): 0813A1
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 14010001 | Depth of Water: 0 | Aquifer:
Major Basin: O/SHADOW MOUNTAIN LAKE | Elevation: 0 | Water Body Id:
Minor Basin: BELO DAM 200 FT E OF SEC RD | ECO Region:
RF1 Index: 14010001043 | RF1 Mile Point: 3.280 | Distance from RF1: 0.00 | On/Off RF1: ON
RF3 Index: 14010001111100.00 | RF3 Mile Point: 0.08 | Distance from RF3: 0.03 | On/Off RF3:
Description:
SAMPLE BELOW SHADOW MOUNTAIN DAM 200 FT E OF SECONDARY RD 1.5 MI ESE OF JCT W US RT 34 NEAR USGS GAGE #09014500 SEC 19 T3N R75W

Parameter Inventory for Station: ROMO0061

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/28/74-08/23/75	12	0.018	0.03	0.152	0.005	0.002	0.041	0.005	0.006	0.033	0.122
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/28/74-09/28/74	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/28/74-09/28/74	1	0.052	0.052	0.052	0.052	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/28/74-08/23/75	12	0.525	0.667	2.4	0.1	0.373	0.611	0.115	0.25	0.8	1.98
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/28/74-08/23/75	12	0.05	0.227	2.16	0.002	0.372	0.61	0.003	0.01	0.108	1.548
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/28/74-08/23/75	11	0.01	0.015	0.04	0.005	0.	0.013	0.005	0.005	0.02	0.04
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/28/74-08/23/75	12 ##	0.004	0.009	0.032	0.003	0.	0.009	0.003	0.003	0.014	0.028

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

EPA Water Quality Criteria Analysis for Station: ROMO0061

				Total	Exceed	Prop.	6/10-10/31			11/01-4/10			4/11-6/09			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	12	0	0.00	6	0	0.00	5	0	0.00	1	0	0.00			

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

Station Inventory for Station: ROMO0062

NPS Station ID: ROMO0062 | LAT/LON: 40.206948/-105.849448 | Agency: 11EPALES | Date Created: / /
Location: GRANBY PUMP CANAL | FIPS State/County: 08000 COLORADO/
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): 0813D1
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 14010001 | Depth of Water: 0 | Aquifer:
Major Basin: T/SHADOW MOUNTAIN LAKE | Elevation: 0 | Water Body Id:
Minor Basin: SEC RD BRDG 1 MI SE RT 34 JCT | ECO Region:
RF1 Index: 14010001047 | RF1 Mile Point: 0.990 | Distance from RF1: 0.00 | On/Off RF1: OFF
RF3 Index: 14010001110100.00 | RF3 Mile Point: 0.14 | Distance from RF3: 0.03 | On/Off RF3:
Description:
SAMPLE FROM BRDG ON SECONDARY RD 1.0 MI SE OF JCT W US RT 34 SEC 24 T3N R75W

Parameter Inventory for Station: ROMO0062

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/28/74-08/23/75	13	0.02	0.034	0.176	0.003	0.002	0.045	0.005	0.013	0.035	0.126
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/28/74-09/28/74	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/28/74-09/28/74	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/28/74-08/23/75	13	0.8	0.937	1.8	0.2	0.321	0.567	0.26	0.375	1.49	1.78
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/28/74-08/23/75	13	0.06	0.103	0.6	0.005	0.025	0.157	0.005	0.013	0.11	0.416
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/28/74-08/23/75	13	0.015	0.02	0.06	0.005	0.	0.017	0.005	0.008	0.035	0.052
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/28/74-08/23/75	13 ##	0.004	0.008	0.048	0.003	0.	0.012	0.003	0.003	0.01	0.033

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

EPA Water Quality Criteria Analysis for Station: ROMO0062

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	13	0	0.00	6	0	0.00	5	0	0.00	2	0	0.00			

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

Station Inventory for Station: ROMO0063

NPS Station ID: ROMO0063 LAT/LON: 40.207226/-105.840838 Agency: 112WRD Date Created: / /
Location: SHADOW MOUNTAIN LAKE NEAR GRAND LAKE, CO. FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 09014500
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 14010001 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 14010001044 RF1 Mile Point: 0.090 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 14010001004400.00 RF3 Mile Point: 0.00 Distance from RF3: 0.01 On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/22/73-10/02/96	346	10.	12.899	80.	0.1	130.383	11.419	0.1	0.1	23.	25.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/22/73-10/02/96	345	11.2	11.409	19.4	0.	8.383	2.895	8.3	9.45	12.7	15.88
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/22/73-08/22/73	1	21.	21.	21.	21.	0.	0.	**	**	**	**
00025	BAROMETRIC PRESSURE (MM OF HG)	05/30/91-07/23/93	37	560.	569.405	625.	557.	404.526	20.113	557.	560.	570.	625.
00032	CLOUD COVER (PERCENT)	08/22/73-08/22/73	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	08/22/73-10/02/96	58	83.	85.19	150.	42.	513.946	22.67	59.	69.75	92.25	119.1
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/22/73-10/02/96	352	56.	53.594	76.	26.	99.513	9.976	36.	51.	61.	63.
00300p	OXYGEN, DISSOLVED MG/L	08/22/73-10/02/96	345	6.7	6.259	10.	0.7	3.199	1.789	4.12	5.	7.5	8.1
00400p	PH (STANDARD UNITS)	11/13/73-10/02/96	333	7.4	7.454	9.6	5.6	0.224	0.474	7.04	7.2	7.6	7.9
00400p	CONVERTED PH (STANDARD UNITS)	11/13/73-10/02/96	333	7.4	7.257	9.6	5.6	0.263	0.513	7.04	7.2	7.6	7.9
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/13/73-10/02/96	333	0.04	0.055	2.512	0.	0.019	0.139	0.013	0.025	0.063	0.092
00403	PH, LAB, STANDARD UNITS SU	05/24/89-10/02/96	104	7.3	7.365	9.2	6.5	0.214	0.463	6.9	7.025	7.6	7.8
00403	CONVERTED PH, LAB, STANDARD UNITS	05/24/89-10/02/96	104	7.3	7.201	9.2	6.5	0.242	0.492	6.9	7.025	7.6	7.8
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/24/89-10/02/96	104	0.05	0.063	0.316	0.001	0.003	0.052	0.016	0.025	0.095	0.126
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/22/73-08/22/73	2	24.	24.	25.	23.	2.	1.414	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/22/73-08/22/73	2	29.5	29.5	31.	28.	4.5	2.121	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/22/73-08/22/73	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/30/91-09/23/92	12	11.	13.083	30.	0.5	94.765	9.735	0.5	6.	22.5	28.2
00600	NITROGEN, TOTAL (MG/L AS N)	11/13/73-06/04/75	6	0.31	0.892	3.7	0.3	1.895	1.377	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	11/13/73-06/04/75	6	0.23	0.825	3.7	0.21	1.986	1.409	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	05/24/89-10/02/96	107	0.01	0.02	0.15	0.005	0.001	0.025	0.005	0.005	0.02	0.04
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/13/73-10/21/92	71	0.02	0.026	0.14	0.005	0.001	0.028	0.005	0.005	0.03	0.06
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/24/89-10/02/96	107 ##	0.005	0.005	0.01	0.005	0.	0.	0.005	0.005	0.005	0.005
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/21/91-10/21/92	33 ##	0.005	0.005	0.01	0.005	0.	0.001	0.005	0.005	0.005	0.005
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/13/73-10/02/96	113	0.3	0.314	3.7	0.1	0.128	0.357	0.1	0.2	0.4	0.5
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/13/73-10/21/92	51 ##	0.025	0.038	0.11	0.003	0.001	0.03	0.003	0.025	0.06	0.086
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/22/73-10/02/96	109 ##	0.05	0.042	0.1	0.003	0.001	0.025	0.02	0.025	0.05	0.08
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/22/73-08/22/73	2	0.075	0.075	0.12	0.03	0.004	0.064	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	11/13/73-10/02/96	113	0.018	0.017	0.06	0.005	0.	0.011	0.005	0.007	0.022	0.03
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/22/73-10/02/96	97 ##	0.005	0.007	0.05	0.005	0.	0.006	0.005	0.005	0.005	0.01
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/22/73-10/02/96	109 ##	0.005	0.006	0.04	0.001	0.	0.005	0.001	0.005	0.005	0.005
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/22/73-08/22/73	2	22.	22.	22.	22.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/22/73-08/22/73	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	08/22/73-10/02/96	106	6.9	6.598	8.3	3.6	1.436	1.198	4.4	5.8	7.5	7.93
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/22/73-10/02/96	106	1.3	1.236	1.6	0.7	0.04	0.2	0.9	1.175	1.4	1.4
00930p	SODIUM, DISSOLVED (MG/L AS NA)	08/22/73-10/02/96	106	2.1	2.071	3.1	1.1	0.178	0.421	1.4	1.9	2.3	2.5
00931	SODIUM ADSORPTION RATIO	08/22/73-08/22/73	2	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	08/22/73-08/22/73	2	21.5	21.5	22.	21.	0.5	0.707	**	**	**	**

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

Parameter Inventory for Station: ROMO0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	08/22/73-10/02/96	106	0.7	0.731	1.5	0.4	0.031	0.176	0.5	0.6	0.8	0.93
00940p	CHLORIDE,TOTAL IN WATER MG/L	08/22/73-10/02/96	106	0.4	0.397	1.	0.05	0.06	0.245	0.085	0.2	0.5	0.73
00945p	SULFATE, TOTAL (MG/L AS SO4)	08/22/73-10/02/96	106	3.	3.038	4.	2.	0.284	0.533	2.	3.	3.	4.
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	08/22/73-10/02/96	106	0.1	0.136	0.3	0.05	0.003	0.059	0.1	0.1	0.2	0.2
00955p	SILICA, DISSOLVED (MG/L AS SI02)	08/22/73-10/02/96	107	5.9	5.97	8.	3.4	1.106	1.052	4.6	5.3	6.7	7.4
01005	BARIUM, DISSOLVED (UG/L AS BA)	05/24/89-10/02/96	105	7.	6.838	10.	1.	3.137	1.771	5.	6.	8.	8.4
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	05/24/89-10/02/96	105 ##	0.25	0.304	0.8	0.25	0.023	0.15	0.25	0.25	0.25	0.54
01020	BORON, DISSOLVED (UG/L AS B)	05/24/89-10/02/96	105 ##	5.	5.467	20.	2.	7.694	2.774	5.	5.	5.	5.
01025	CADMIUM, DISSOLVED (UG/L AS CD)	05/24/89-10/02/96	105 ##	0.5	0.59	3.	0.5	0.129	0.359	0.5	0.5	0.5	0.5
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/24/89-10/02/96	105 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
01035	COBALT, DISSOLVED (UG/L AS CO)	05/24/89-10/02/96	105 ##	1.5	1.5	1.5	1.5	0.	0.	1.5	1.5	1.5	1.5
01040	COPPER, DISSOLVED (UG/L AS CU)	05/24/89-10/02/96	105 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01046p	IRON, DISSOLVED (UG/L AS FE)	08/22/73-10/02/96	107	54.	81.981	1000.	7.	10898.943	104.398	18.6	32.	98.	160.
01049p	LEAD, DISSOLVED (UG/L AS PB)	11/13/73-10/02/96	111 ##	5.	5.126	10.	0.	1.548	1.244	5.	5.	5.	5.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/22/73-10/02/96	101	7.	29.95	170.	0.5	1461.978	38.236	1.	3.	48.	84.2
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	05/24/89-10/02/96	105 ##	5.	5.048	10.	5.	0.238	0.488	5.	5.	5.	5.
01065p	NICKEL, DISSOLVED (UG/L AS NI)	11/13/73-10/02/96	111 ##	5.	4.793	5.	0.	0.929	0.964	5.	5.	5.	5.
01075	SILVER, DISSOLVED (UG/L AS AG)	05/24/89-10/02/96	106 ##	0.5	0.749	11.	0.	2.548	1.596	0.1	0.1	0.5	2.
01077	SILVER, TOTAL (UG/L AS AG)	05/30/91-05/28/92	12 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	05/24/89-10/02/96	105	40.	38.267	52.	20.	66.832	8.175	24.6	32.5	45.	47.
01085	VANADIUM, DISSOLVED (UG/L AS V)	05/24/89-10/02/96	105 ##	3.	3.	3.	3.	0.	0.	3.	3.	3.	3.
01090	ZINC, DISSOLVED (UG/L AS ZN)	05/24/89-10/02/96	105	3.	4.771	29.	1.5	19.736	4.442	1.5	1.5	7.	11.
01130	LITHIUM, DISSOLVED (UG/L AS LI)	05/24/89-10/02/96	105 ##	2.	2.029	5.	2.	0.086	0.293	2.	2.	2.	2.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/30/91-09/18/91	5	1.	1.	2.	0.5	0.375	0.612	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/30/91-09/18/91	5	0.	-0.06	0.301	-0.301	0.063	0.252	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			0.871								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/30/91-09/18/91	10	0.25	0.5	2.	0.	0.444	0.667	0.	0.	1.	1.9
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/30/91-09/18/91	10	-0.151	-0.03	0.301	-0.301	0.029	0.171	0.	0.	0.	0.271
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			0.933								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	05/24/89-10/02/96	35 ##	0.5	1.214	10.	0.5	3.901	1.975	0.5	0.5	1.	2.8
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	05/24/89-10/02/96	35 ##	-0.301	-0.128	1.	-0.301	0.116	0.341	-0.301	-0.301	0.	0.421
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			0.745								
60050	ALGAE, TOTAL (CELLS/ML)	08/22/73-08/22/73	1	650.	650.	650.	650.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/24/89-10/02/96	105	36.	36.114	54.	8.	71.698	8.467	24.	32.	41.5	46.8
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/22/73-08/22/73	2	38.	38.	39.	37.	2.	1.414	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/22/73-08/22/73	2	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/21/91-10/21/92	33 ##	0.005	0.009	0.03	0.005	0.	0.007	0.005	0.005	0.01	0.02
70953	CHLOROPHYLL-A,PHYTOPLANKTON UG/L,CHROMO-FLUORO	05/24/89-10/02/96	53	2.5	3.64	23.	0.	15.591	3.948	0.5	1.4	4.6	6.92
70954	CHLOROPHYLL-B,PHYTOPLANKTON UG/L,CHROMO-FLUORO	05/24/89-10/02/96	53 ##	0.05	0.12	0.5	0.	0.014	0.119	0.05	0.05	0.2	0.3
71887	NITROGEN, TOTAL, AS NO3 - MG/L	11/13/73-06/04/75	6	1.35	3.867	16.	1.3	35.387	5.949	**	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	11/13/73-06/04/75	6 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	08/22/73-08/22/73	1	23.	23.	23.	23.	0.	0.	**	**	**	**
72027	AZIMUTH FROM OUTLET (DEGREES)	08/22/73-08/22/73	1	342.7	342.7	342.7	342.7	0.	0.	**	**	**	**
72029	DISTANCE FROM SOUTHERNMOST POINT (FEET)	08/22/73-08/22/73	1	640.	640.	640.	640.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0063

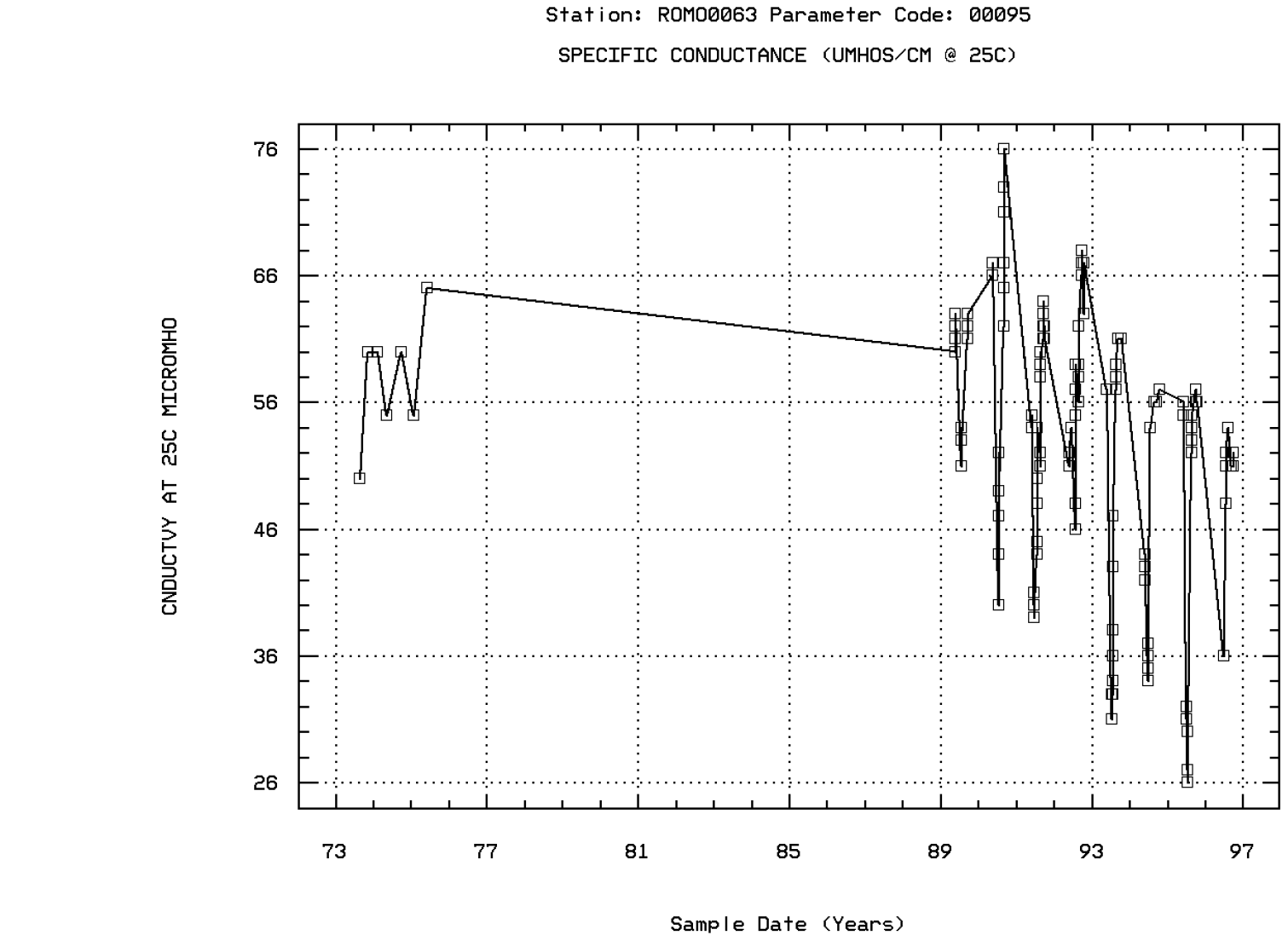
Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	345	34	0.10	282	34	0.12	3	0	0.00	60	0	0.00			
00400	PH	Fresh Chronic	9.	333	9	0.03	277	9	0.03	3	0	0.00	53	0	0.00			
		Other-Lo Lim.	6.5	333	1	0.00	277	0	0.00	3	0	0.00	53	1	0.02			
00403	PH, LAB	Fresh Chronic	9.	104	3	0.03	84	3	0.04				20	0	0.00			
		Other-Lo Lim.	6.5	104	1	0.01	84	1	0.01				20	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	107	0	0.00	87	0	0.00				20	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	33	0	0.00	29	0	0.00				4	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	51	0	0.00	38	0	0.00	3	0	0.00	10	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	109	0	0.00	89	0	0.00				20	0	0.00			

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

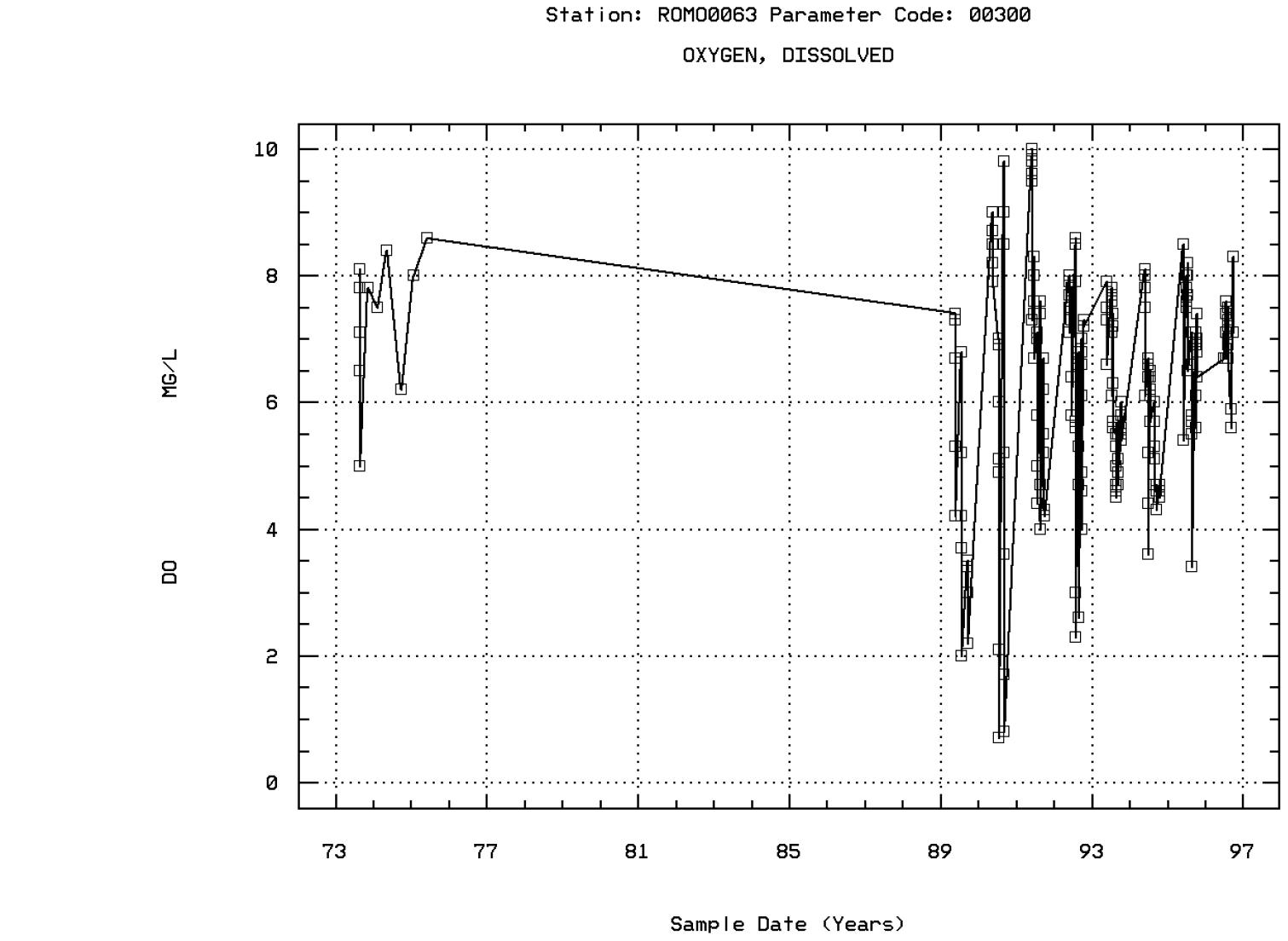
EPA Water Quality Criteria Analysis for Station: ROMO0063

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	106	0	0.00	86	0	0.00				20	0	0.00			
		Drinking Water	250.	106	0	0.00	86	0	0.00				20	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	106	0	0.00	86	0	0.00				20	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	106	0	0.00	86	0	0.00				20	0	0.00			
01005	BARIUM, DISSOLVED	Drinking Water	2000.	105	0	0.00	85	0	0.00				20	0	0.00			
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	105	0	0.00	85	0	0.00				20	0	0.00			
		Drinking Water	4.	105	0	0.00	85	0	0.00				20	0	0.00			
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	105	0	0.00	85	0	0.00				20	0	0.00			
		Drinking Water	5.	105	0	0.00	85	0	0.00				20	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	105	0	0.00	85	0	0.00				20	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	105	0	0.00	85	0	0.00				20	0	0.00			
		Drinking Water	1300.	105	0	0.00	85	0	0.00				20	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	111	0	0.00	86	0	0.00	3	0	0.00	22	0	0.00			
		Drinking Water	15.	111	0	0.00	86	0	0.00	3	0	0.00	22	0	0.00			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	111	0	0.00	86	0	0.00	3	0	0.00	22	0	0.00			
		Drinking Water	100.	111	0	0.00	86	0	0.00	3	0	0.00	22	0	0.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	106	3	0.03	85	1	0.01				21	2	0.10			
		Drinking Water	100.	106	0	0.00	85	0	0.00				21	0	0.00			
01077	SILVER, TOTAL	Fresh Acute	4.1	12	0	0.00	6	0	0.00				6	0	0.00			
		Drinking Water	100.	12	0	0.00	6	0	0.00				6	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	105	0	0.00	85	0	0.00				20	0	0.00			
		Drinking Water	5000.	105	0	0.00	85	0	0.00				20	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	5	0	0.00	4	0	0.00				1	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	10	0	0.00	8	0	0.00				2	0	0.00			
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	35	0	0.00	27	0	0.00				8	0	0.00			
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	6	0	0.00	1	0	0.00	3	0	0.00	2	0	0.00			
		Drinking Water	2.	6	0	0.00	1	0	0.00	3	0	0.00	2	0	0.00			

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



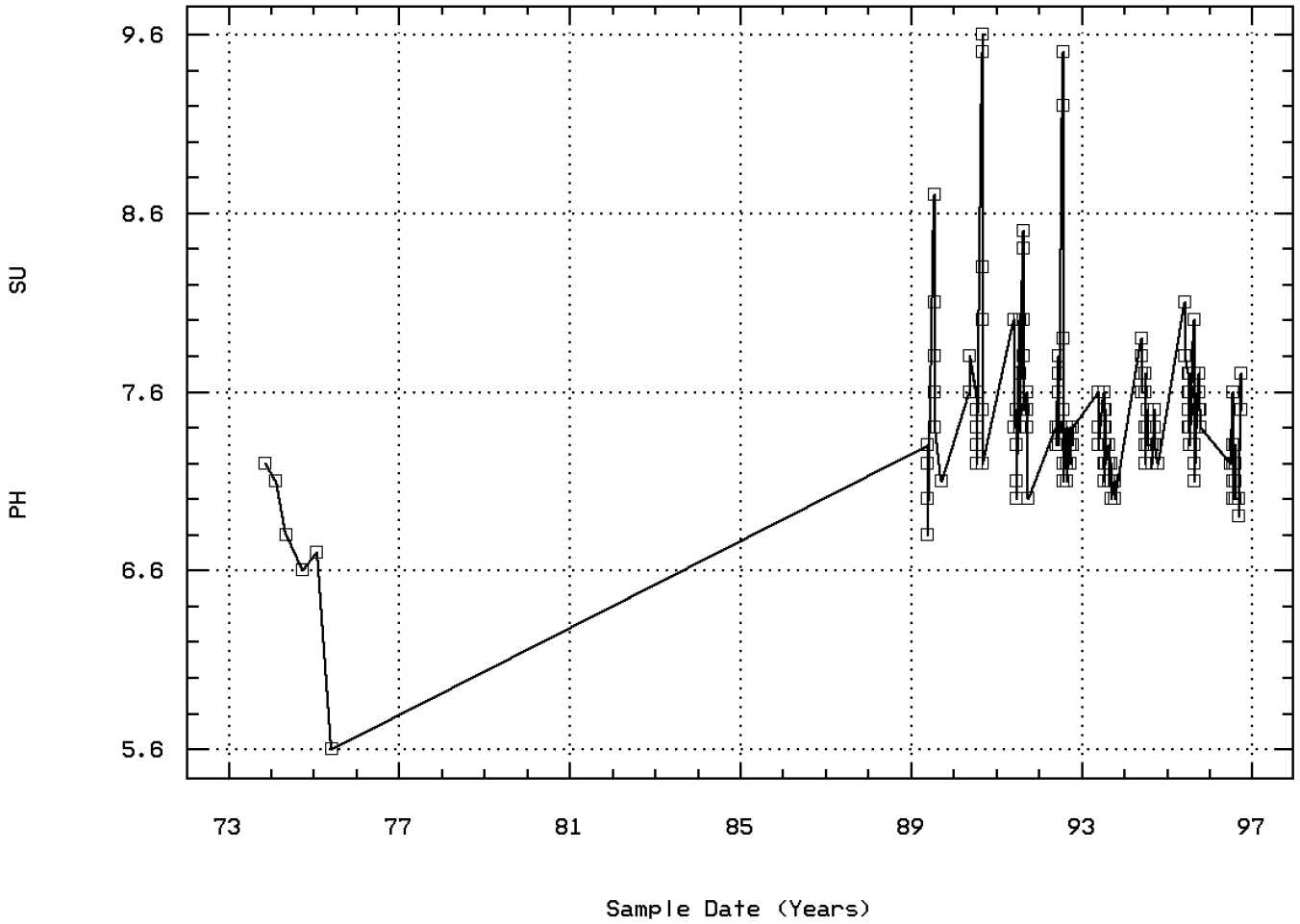
SHADOW MOUNTAIN LAKE NEAR GRAND LAKE, C



SHADOW MOUNTAIN LAKE NEAR GRAND LAKE, C

Station: ROMO0063 Parameter Code: 00400

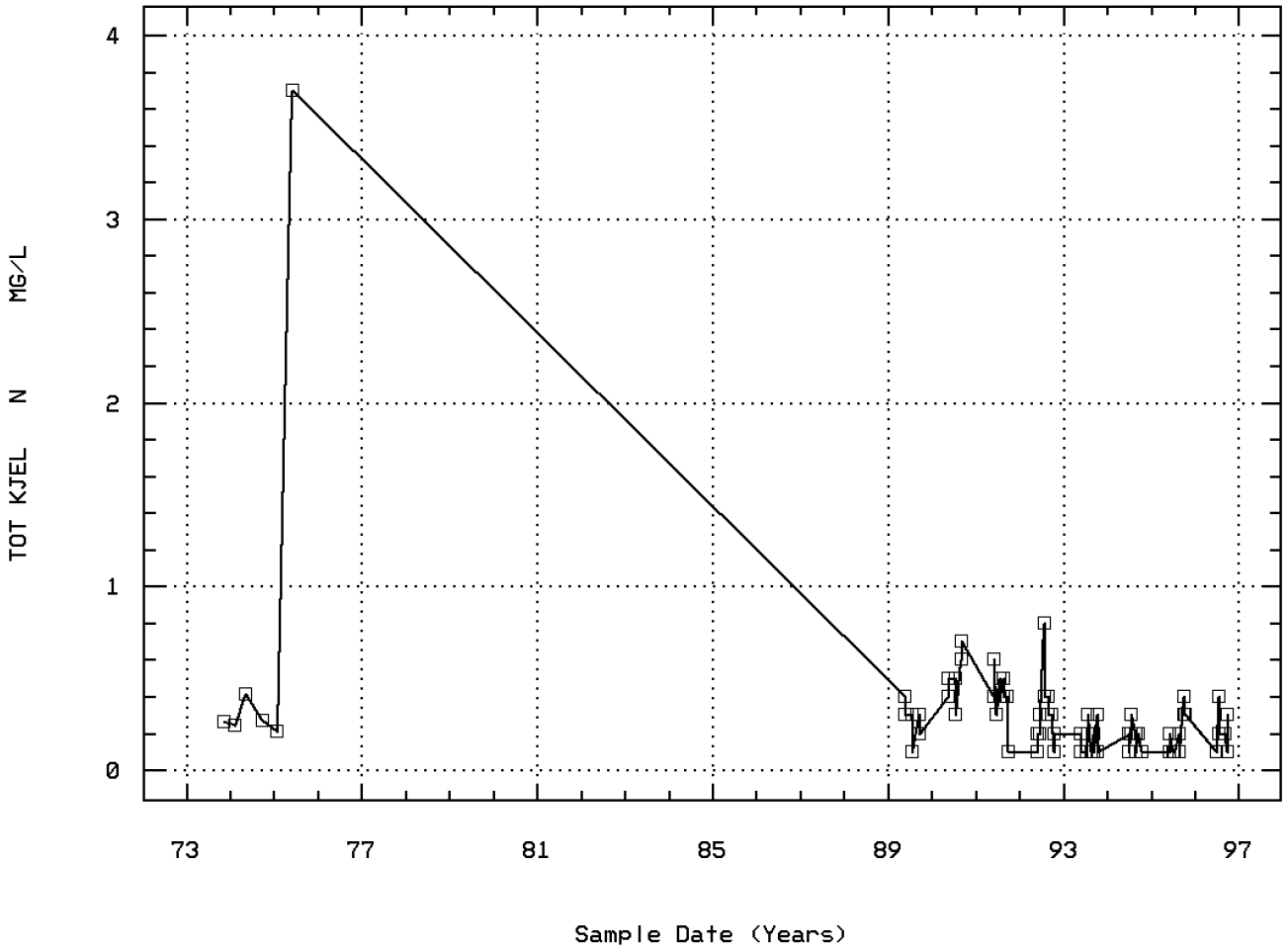
PH (STANDARD UNITS)



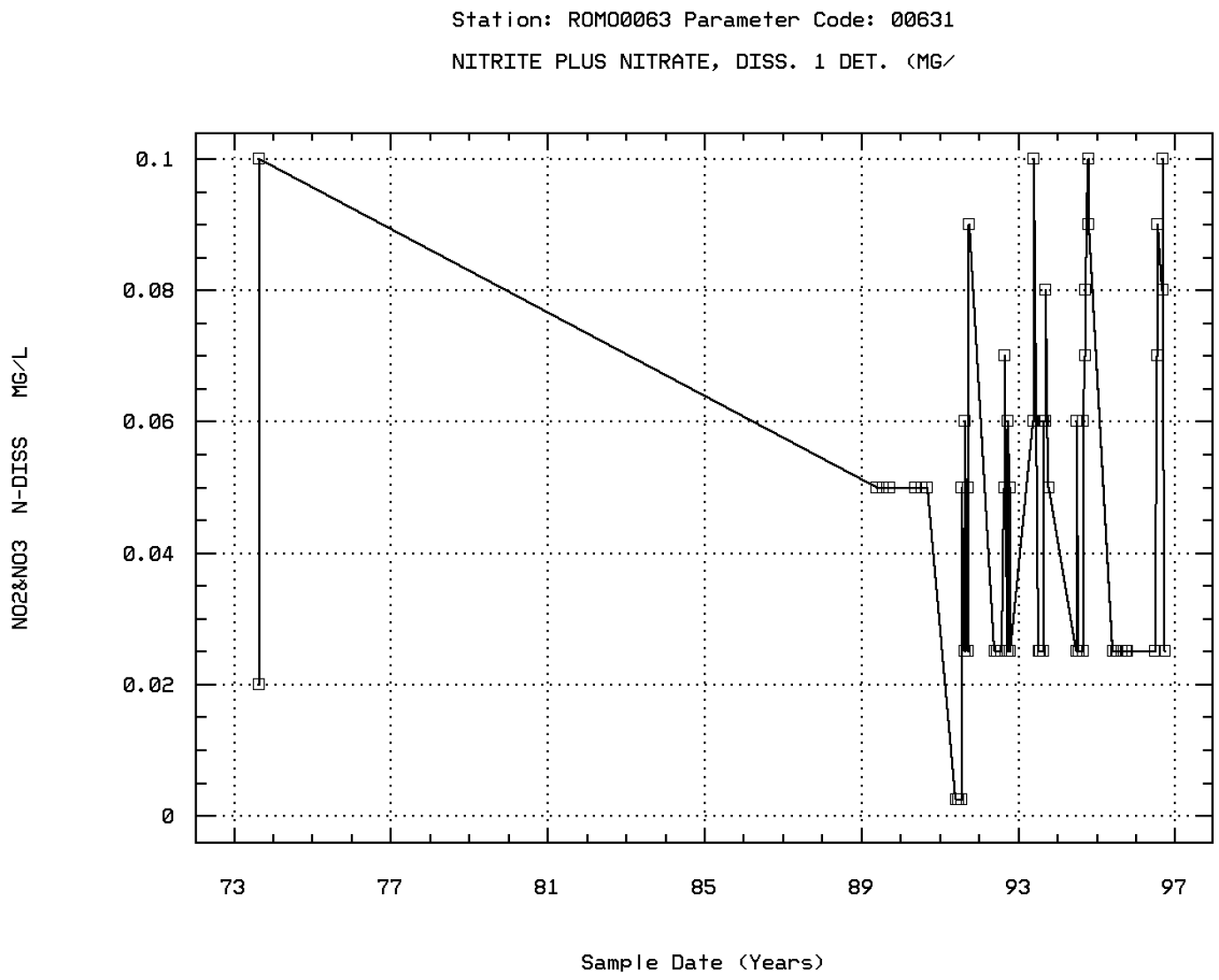
SHADOW MOUNTAIN LAKE NEAR GRAND LAKE, C

Station: ROMO0063 Parameter Code: 00625

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



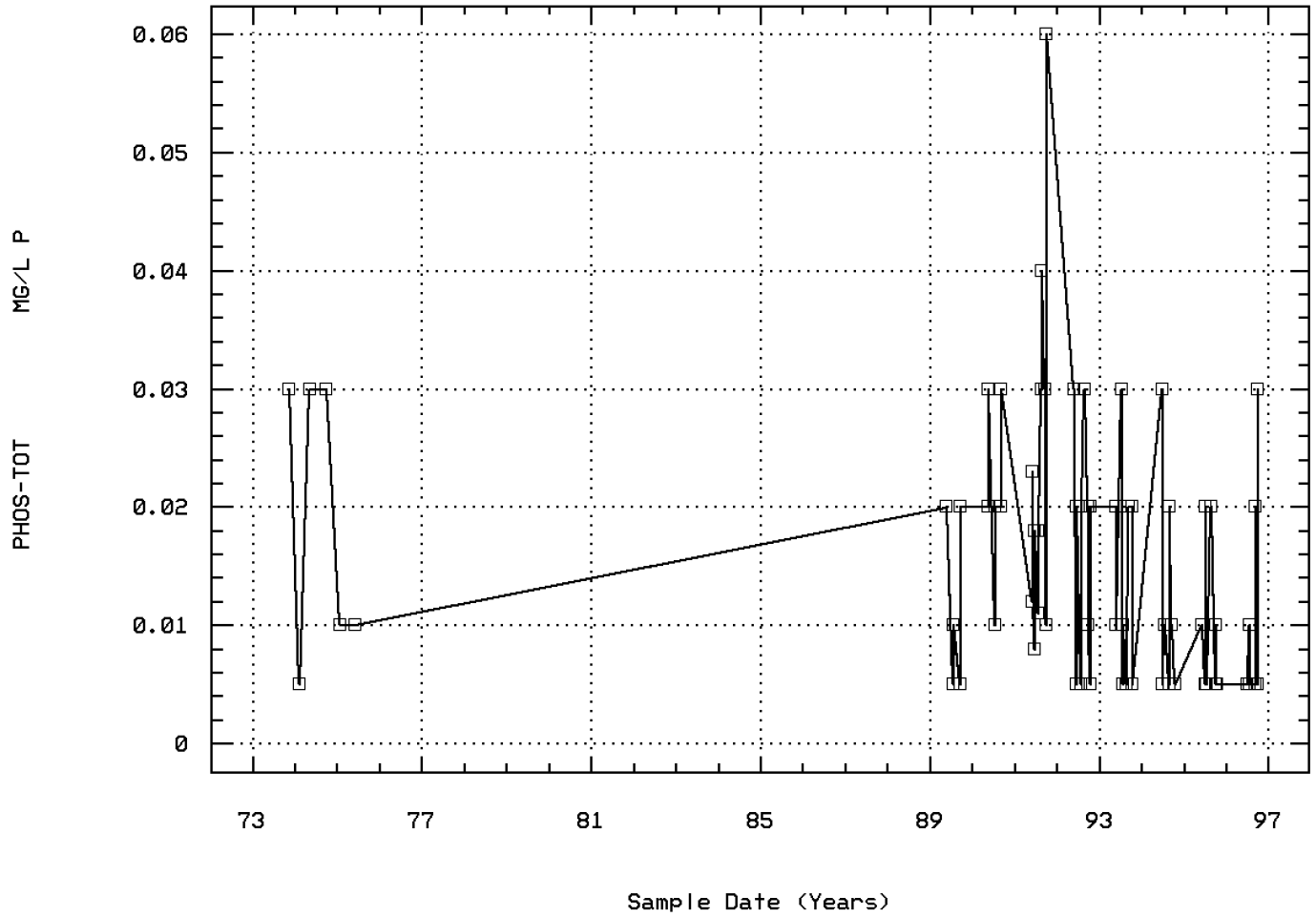
SHADOW MOUNTAIN LAKE NEAR GRAND LAKE, C



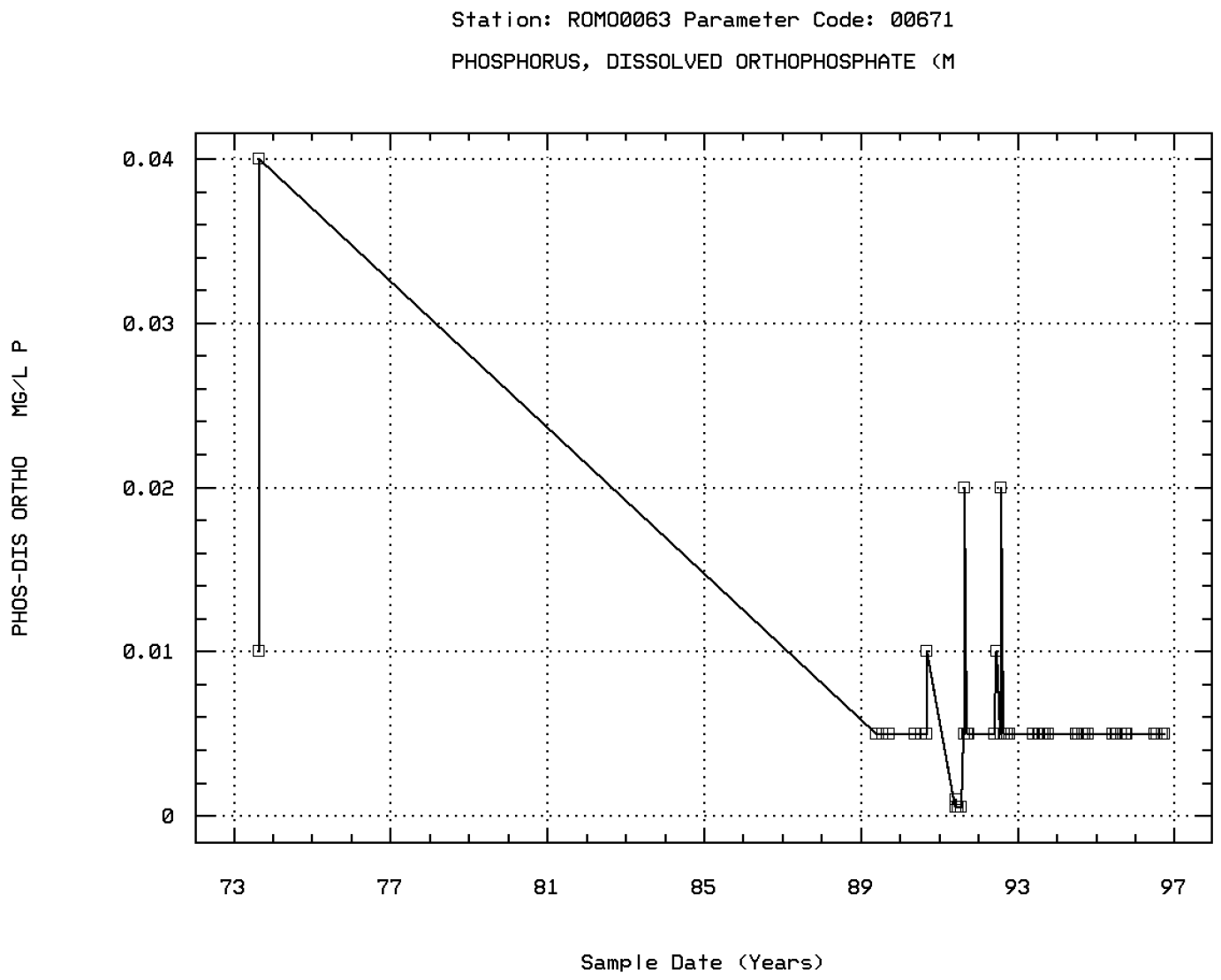
SHADOW MOUNTAIN LAKE NEAR GRAND LAKE, C

Station: ROMO0063 Parameter Code: 00665

PHOSPHORUS, TOTAL (MG/L AS P)



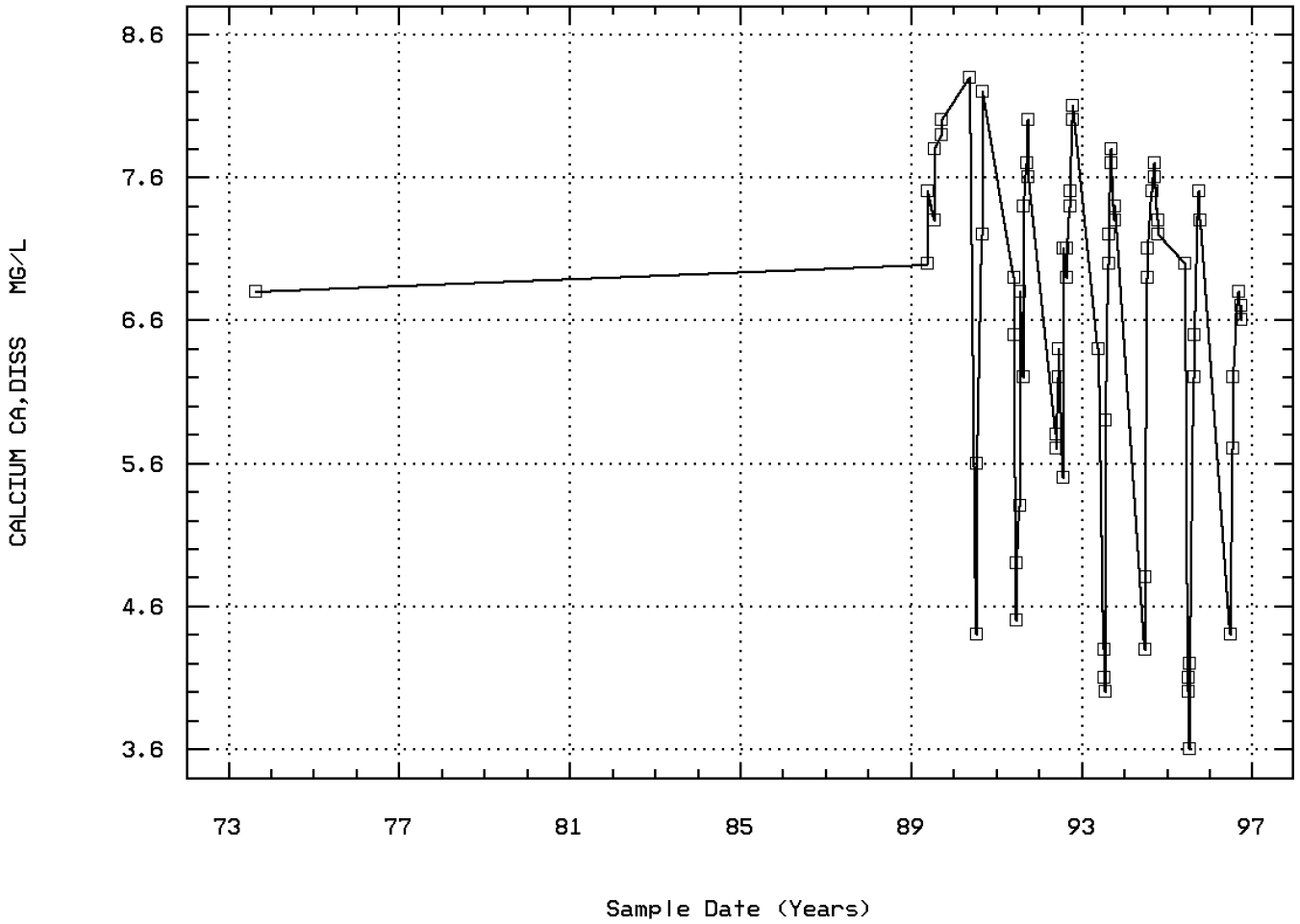
SHADOW MOUNTAIN LAKE NEAR GRAND LAKE, C



SHADOW MOUNTAIN LAKE NEAR GRAND LAKE, C

Station: ROMO0063 Parameter Code: 00915

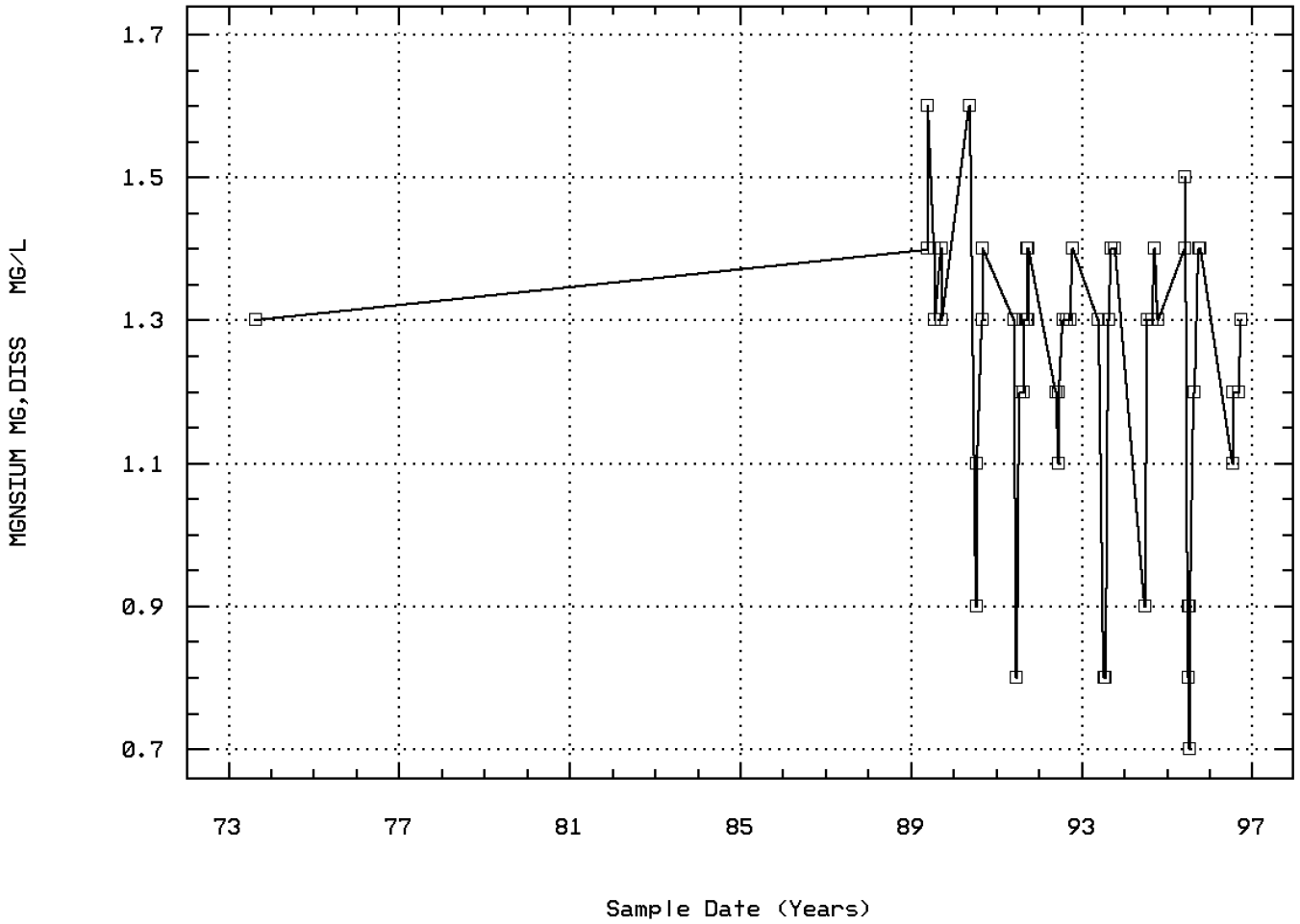
CALCIUM, DISSOLVED (MG/L AS CA)



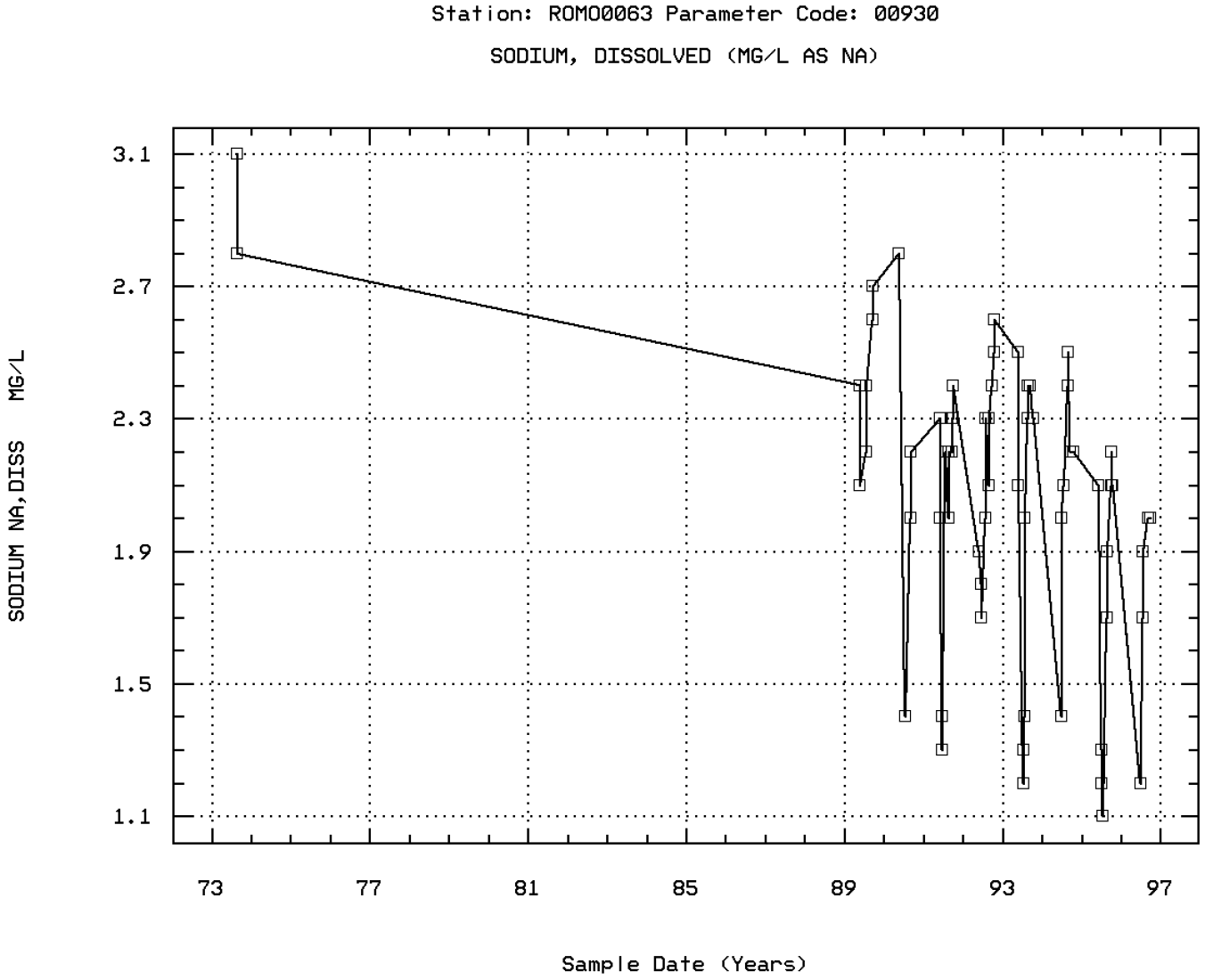
SHADOW MOUNTAIN LAKE NEAR GRAND LAKE, C

Station: ROMO0063 Parameter Code: 00925

MAGNESIUM, DISSOLVED (MG/L AS MG)



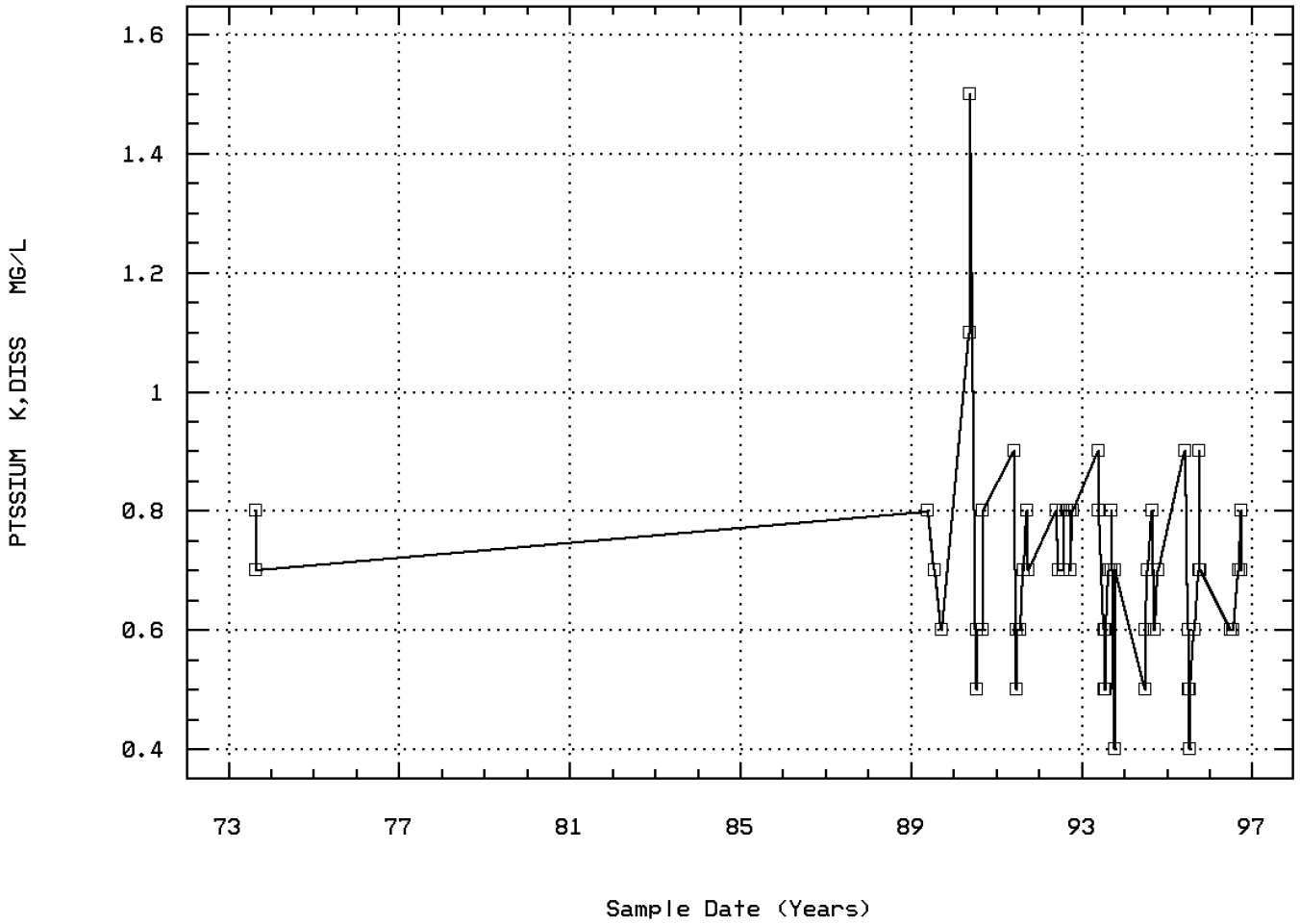
SHADOW MOUNTAIN LAKE NEAR GRAND LAKE, C



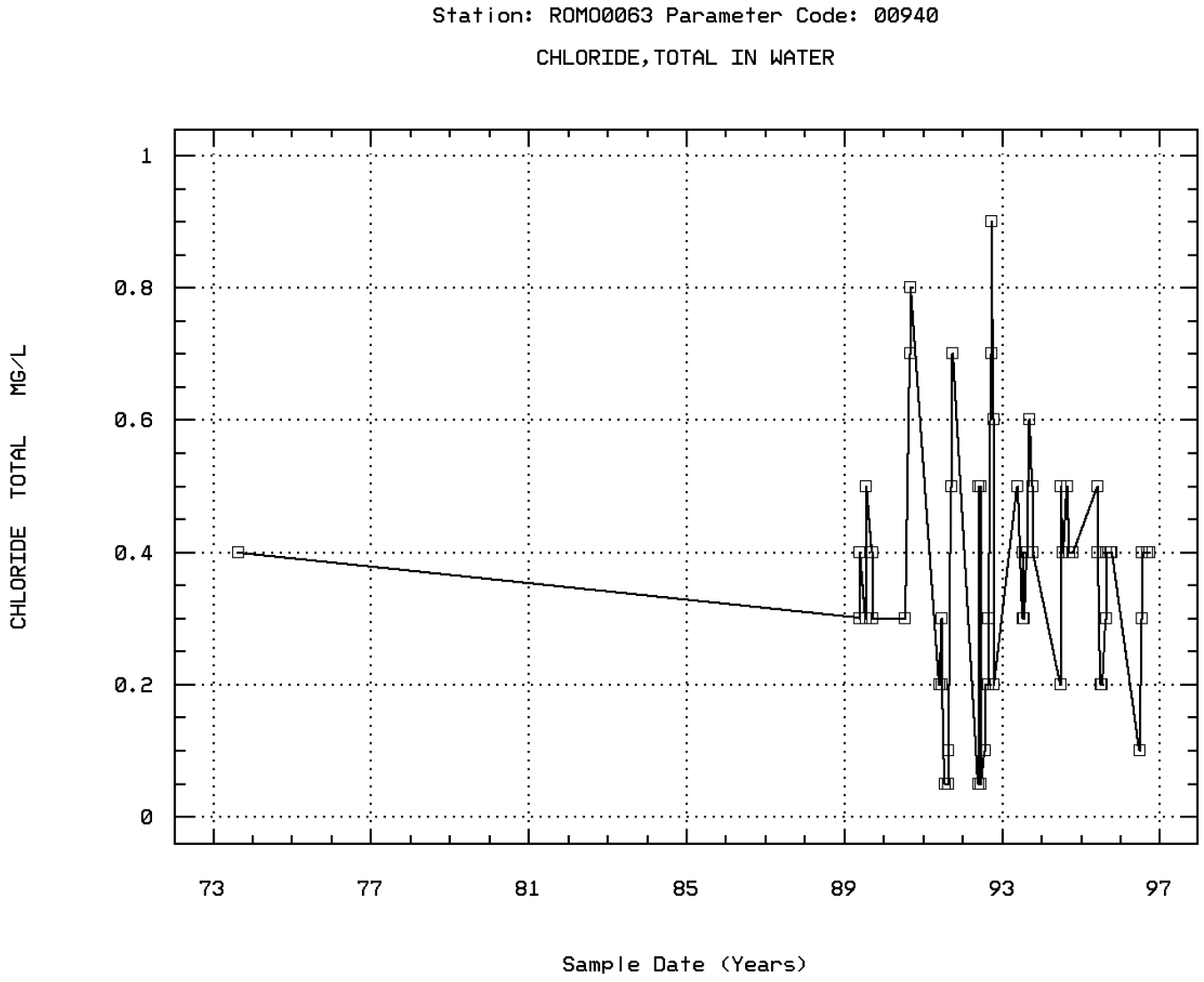
SHADOW MOUNTAIN LAKE NEAR GRAND LAKE, C

Station: ROMO0063 Parameter Code: 00935

POTASSIUM, DISSOLVED (MG/L AS K)



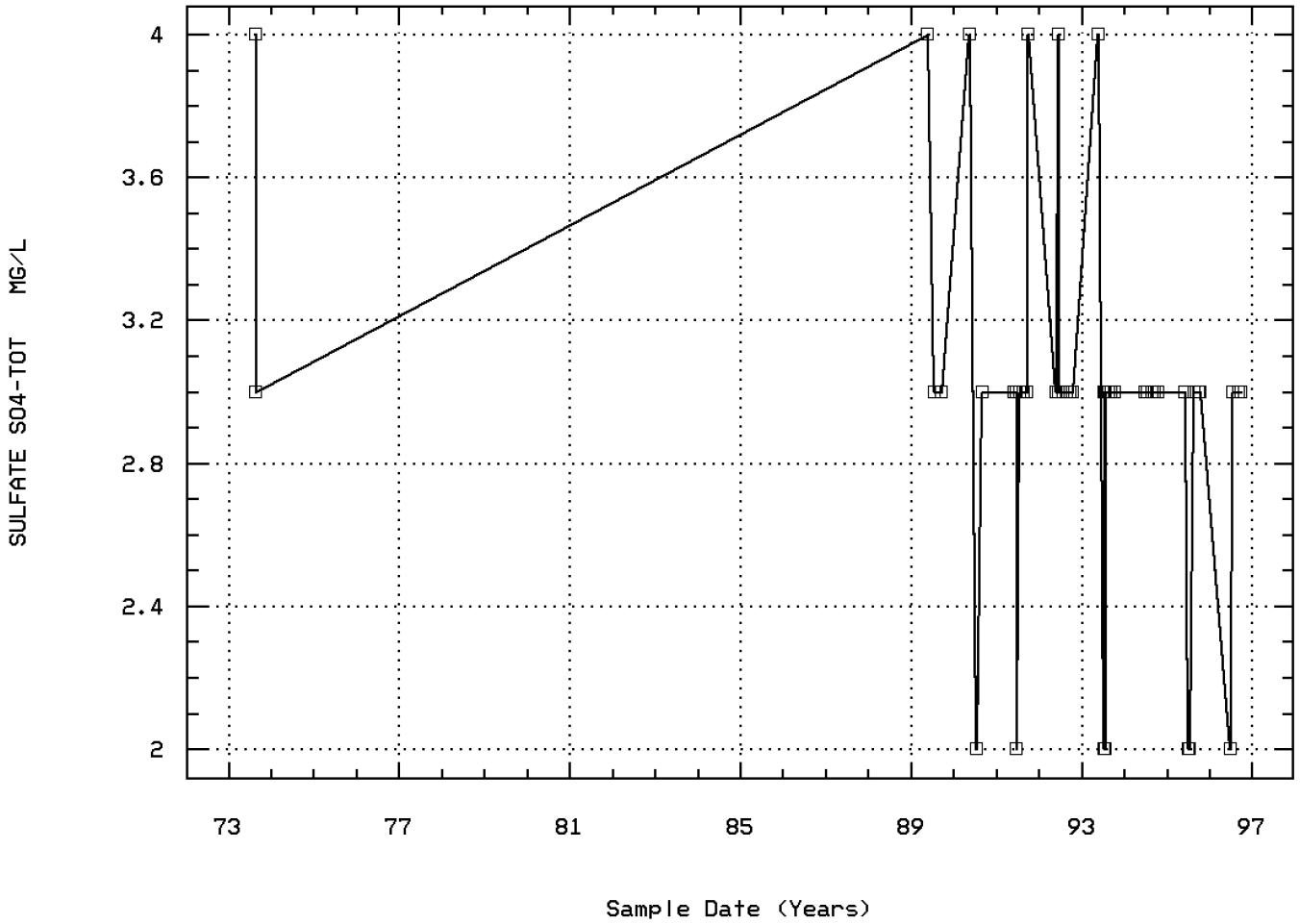
SHADOW MOUNTAIN LAKE NEAR GRAND LAKE, C



SHADOW MOUNTAIN LAKE NEAR GRAND LAKE, C

Station: ROMO0063 Parameter Code: 00945

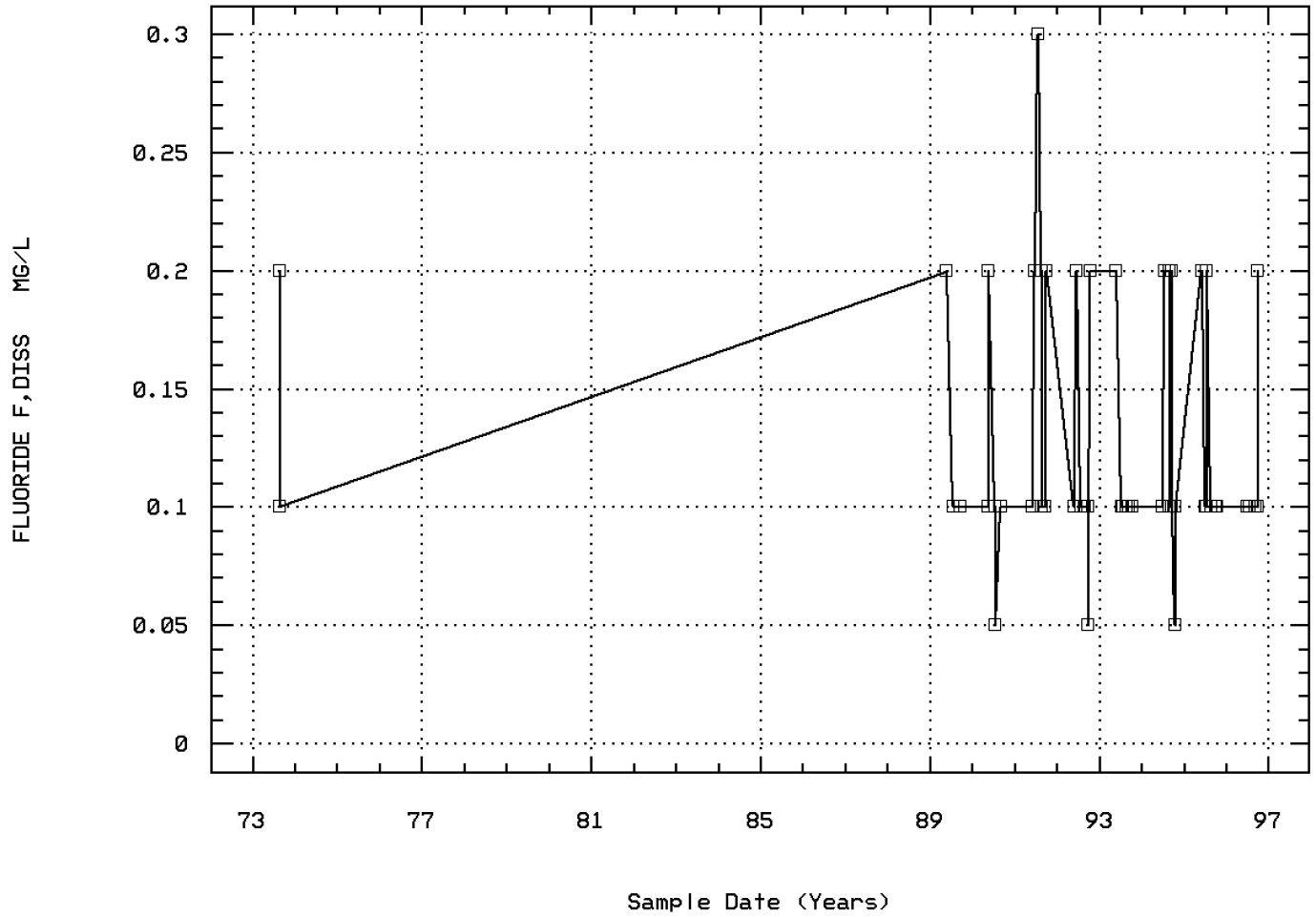
SULFATE, TOTAL (MG/L AS SO4)



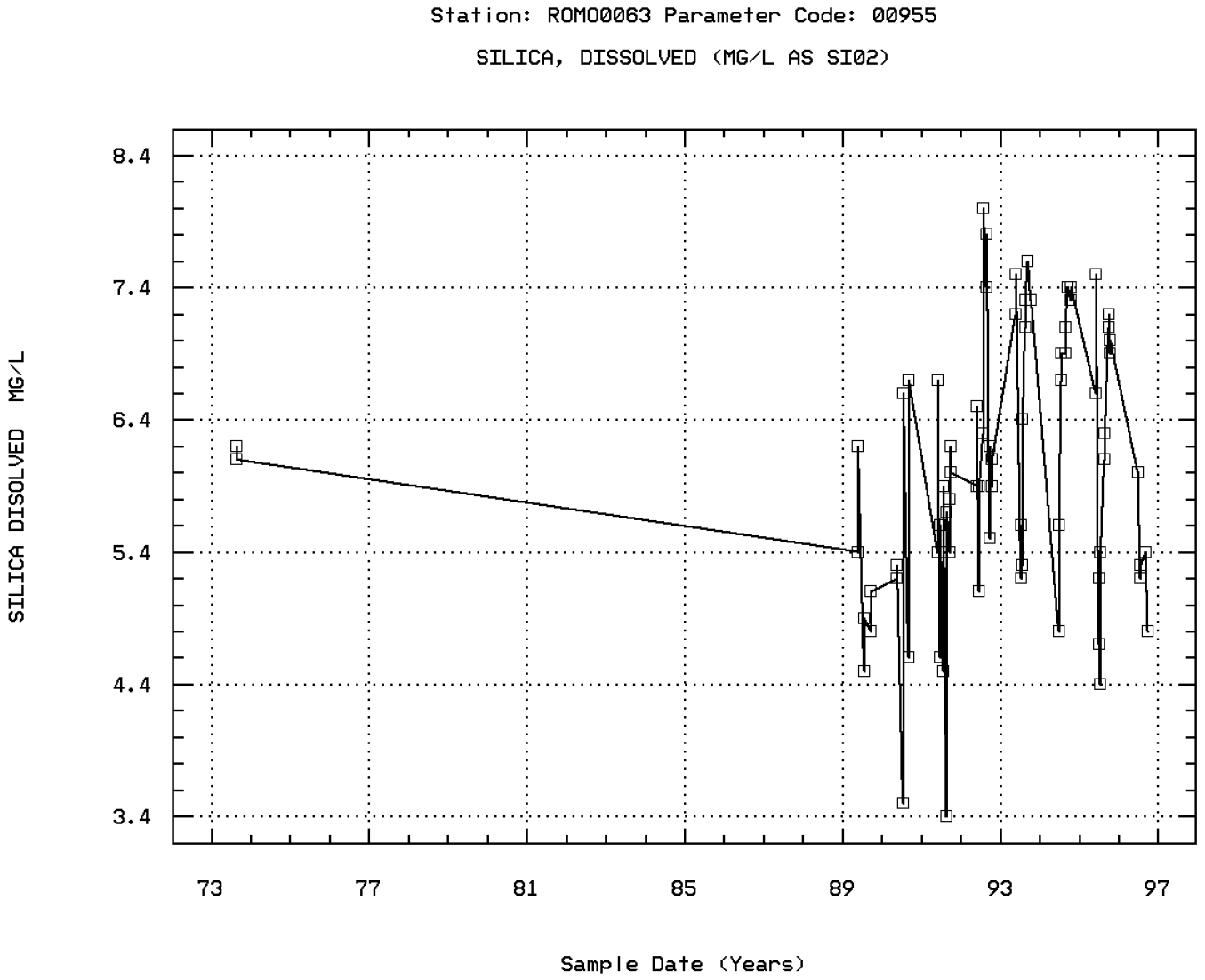
SHADOW MOUNTAIN LAKE NEAR GRAND LAKE, C

Station: ROMO0063 Parameter Code: 00950

FLUORIDE, DISSOLVED (MG/L AS F)



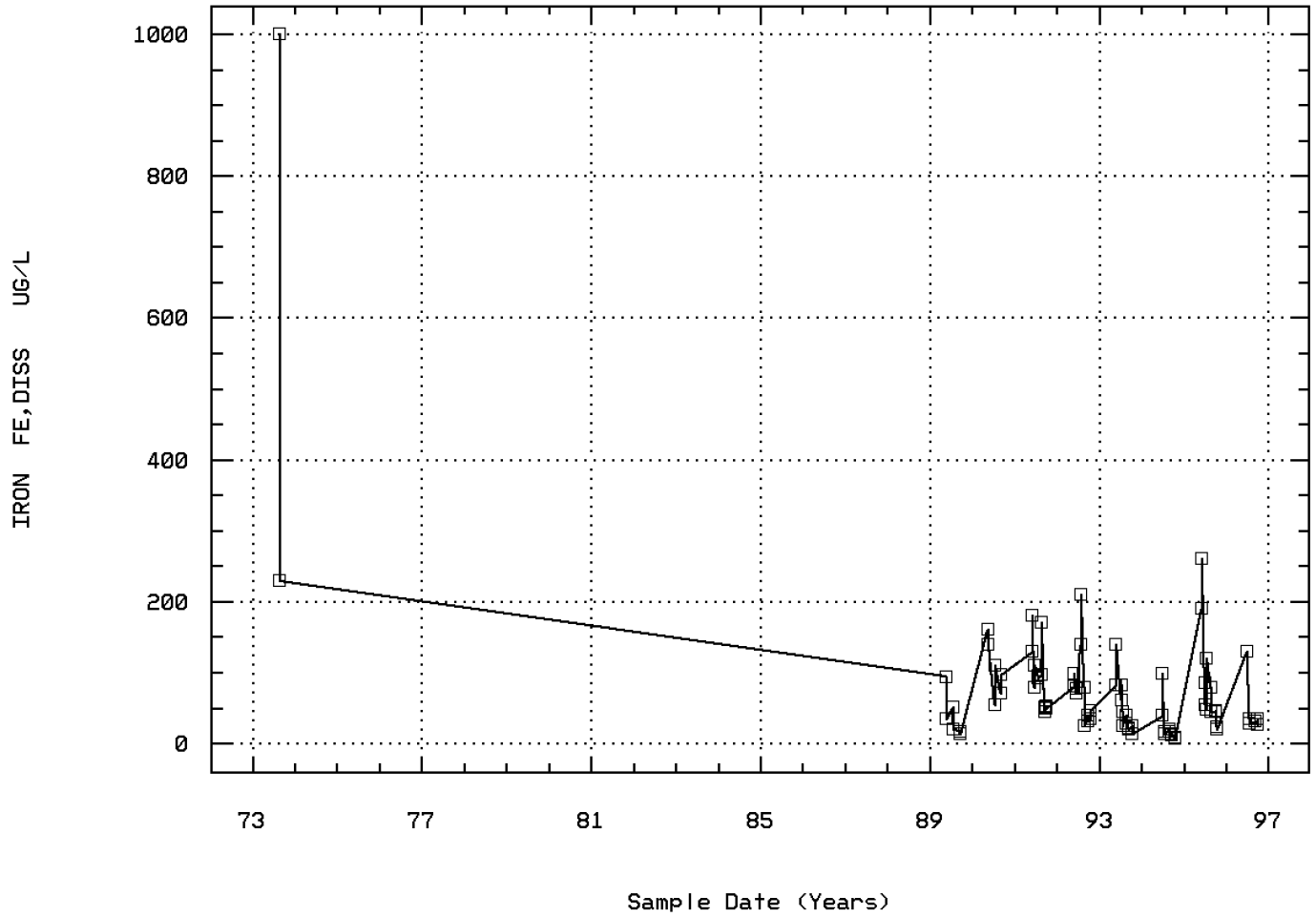
SHADOW MOUNTAIN LAKE NEAR GRAND LAKE, C



SHADOW MOUNTAIN LAKE NEAR GRAND LAKE, C

Station: ROMO0063 Parameter Code: 01046

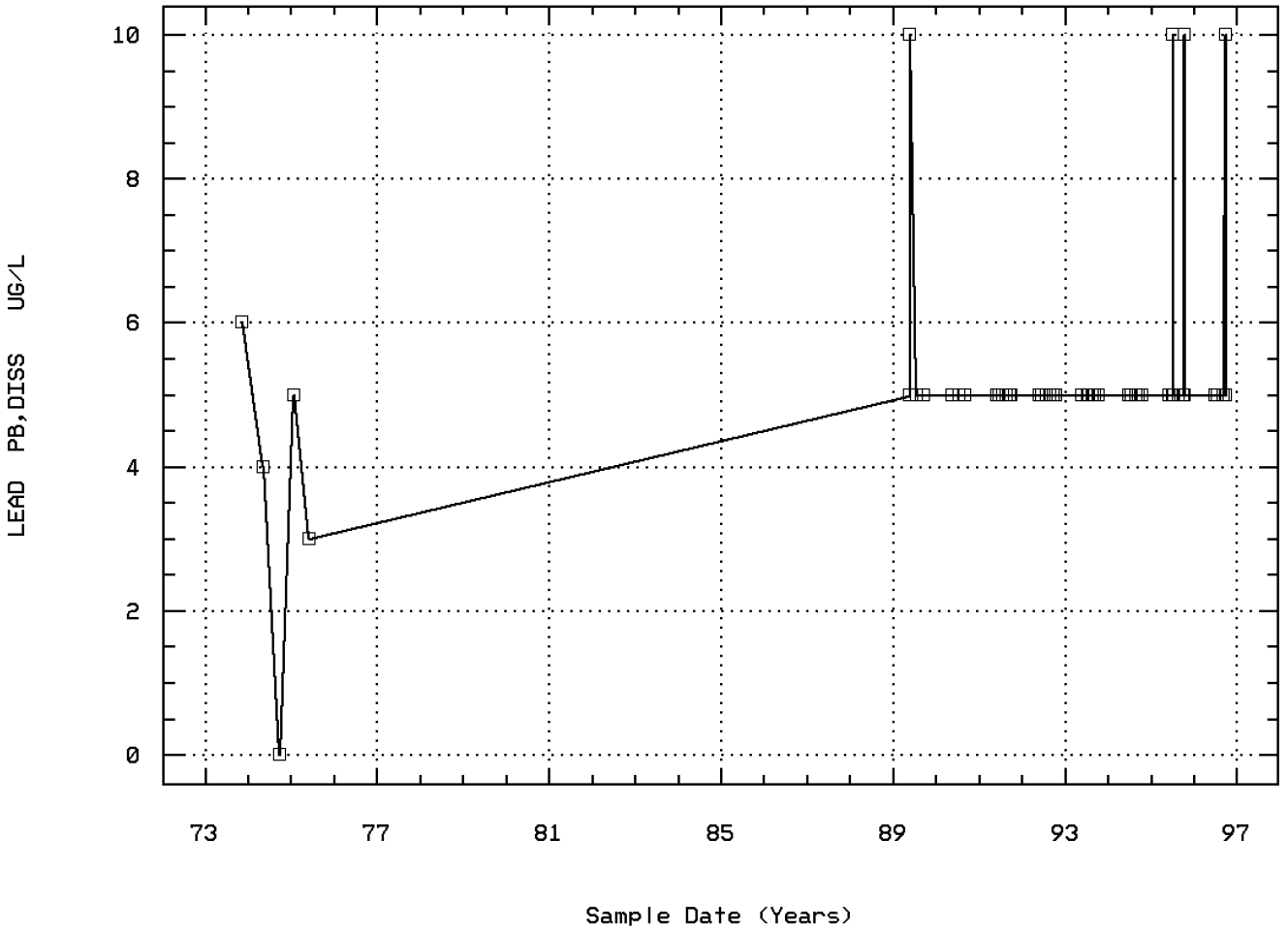
IRON, DISSOLVED (UG/L AS FE)



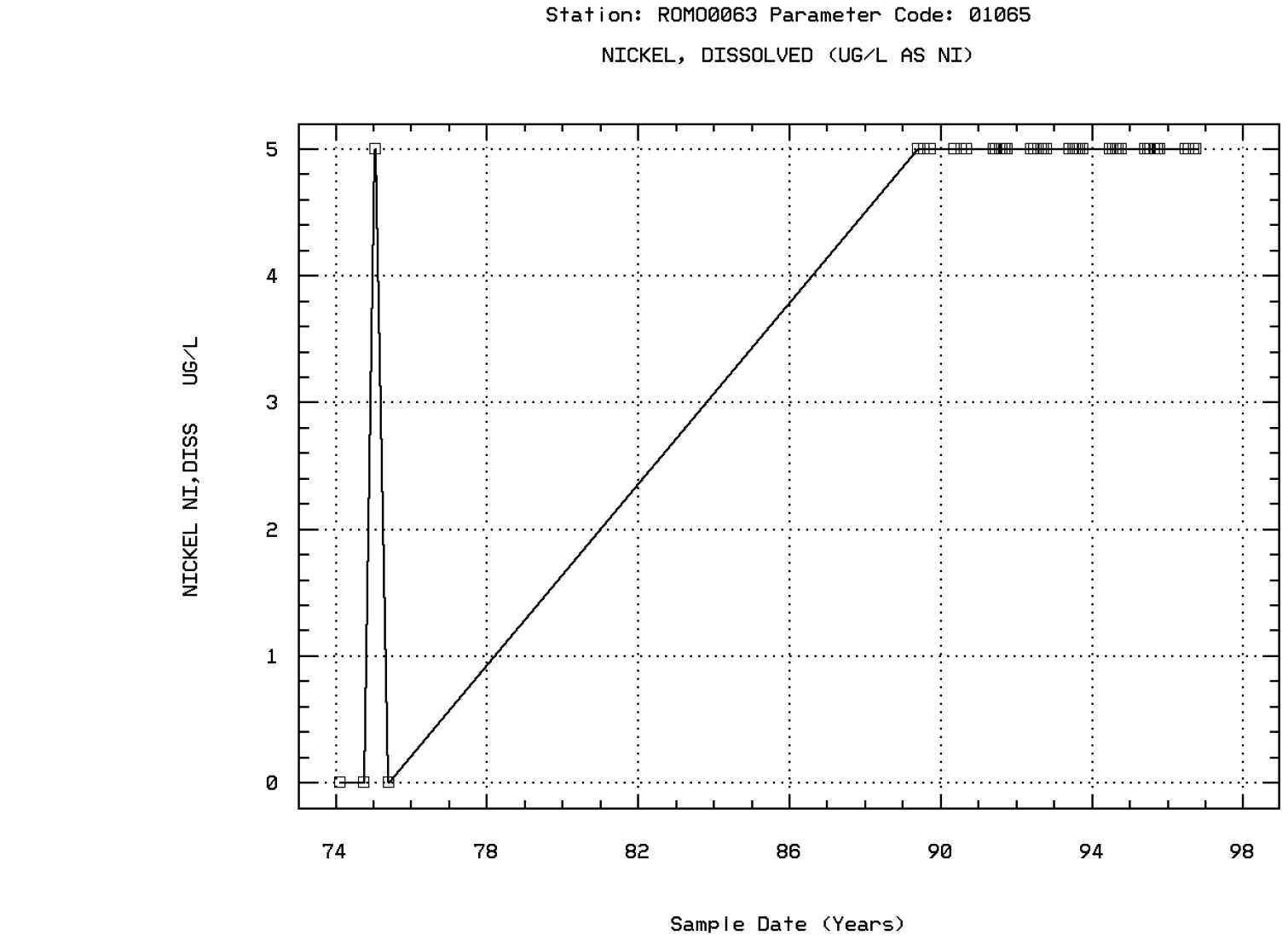
SHADOW MOUNTAIN LAKE NEAR GRAND LAKE, C

Station: ROMO0063 Parameter Code: 01049

LEAD, DISSOLVED (UG/L AS PB)



SHADOW MOUNTAIN LAKE NEAR GRAND LAKE, C



SHADOW MOUNTAIN LAKE NEAR GRAND LAKE, C

Annual Analysis for 1973 - Station ROMO0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/22/73-10/02/96	6	5.	7.833	20.	2.	53.367	7.305	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/22/73-10/02/96	6	13.	12.5	17.	5.	18.7	4.324	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/22/73-10/02/96	6	50.	51.667	60.	50.	16.667	4.082	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	08/22/73-10/02/96	6	7.45	7.05	8.1	5.	1.347	1.161	**	**	**	**
00400p	PH (STANDARD UNITS)	11/13/73-10/02/96	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	11/13/73-10/02/96	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/13/73-10/02/96	1	0.063	0.063	0.063	0.063	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/13/73-10/21/92	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/13/73-10/02/96	1	0.26	0.26	0.26	0.26	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/22/73-10/02/96	2	0.06	0.06	0.1	0.02	0.003	0.057	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/13/73-10/02/96	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/22/73-10/02/96	2	0.02	0.02	0.03	0.01	0.	0.014	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/22/73-10/02/96	2	0.025	0.025	0.04	0.01	0.	0.021	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/22/73-10/02/96	2	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/22/73-10/02/96	2	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/22/73-10/02/96	2	2.95	2.95	3.1	2.8	0.045	0.212	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/22/73-10/02/96	2	0.75	0.75	0.8	0.7	0.005	0.071	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/22/73-10/02/96	2	0.7	0.7	1.	0.4	0.18	0.424	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/22/73-10/02/96	2	3.5	3.5	4.	3.	0.5	0.707	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/22/73-10/02/96	2	0.15	0.15	0.2	0.1	0.005	0.071	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/22/73-10/02/96	2	6.15	6.15	6.2	6.1	0.005	0.071	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/22/73-10/02/96	2	615.	615.	1000.	230.	296450.	544.472	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	11/13/73-10/02/96	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/22/73-10/02/96	2 ##	25.	25.	45.	5.	800.	28.284	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	11/13/73-10/02/96	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**

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

Annual Analysis for 1974 - Station ROMO0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/22/73-10/02/96	3	2.	2.	2.	2.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/22/73-10/02/96	3	7.	4.833	7.5	0.	17.583	4.193	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/22/73-10/02/96	3	60.	58.333	60.	55.	8.333	2.887	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	08/22/73-10/02/96	3	7.5	7.367	8.4	6.2	1.223	1.106	**	**	**	**
00400p	PH (STANDARD UNITS)	11/13/73-10/02/96	3	6.8	6.833	7.1	6.6	0.063	0.252	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	11/13/73-10/02/96	3	6.8	6.788	7.1	6.6	0.066	0.258	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/13/73-10/02/96	3	0.158	0.163	0.251	0.079	0.007	0.086	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/13/73-10/21/92	3	0.04	0.037	0.06	0.01	0.001	0.025	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/13/73-10/02/96	3	0.27	0.307	0.41	0.24	0.008	0.091	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/13/73-10/02/96	3	0.03	0.022	0.03	0.005	0.	0.014	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	11/13/73-10/02/96	3 ##	1.	1.667	4.	0.	4.333	2.082	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	11/13/73-10/02/96	3 ##	0.	0.333	1.	0.	0.333	0.577	**	**	**	**

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

Annual Analysis for 1975 - Station ROMO0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/22/73-10/02/96	2	2.	2.	2.	2.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/22/73-10/02/96	2	4.5	4.5	9.	0.	40.5	6.364	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/22/73-10/02/96	2	60.	60.	65.	55.	50.	7.071	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	08/22/73-10/02/96	2	8.3	8.3	8.6	8.	0.18	0.424	**	**	**	**
00400p	PH (STANDARD UNITS)	11/13/73-10/02/96	2	6.15	6.15	6.7	5.6	0.605	0.778	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	11/13/73-10/02/96	2	5.868	5.868	6.7	5.6	0.764	0.874	**	**	**	**

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

Annual Analysis for 1975 - Station ROMO0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/13/73-10/02/96	2	1.356	1.356	2.512	0.2	2.674	1.635	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/13/73-10/21/92	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/13/73-10/02/96	2	1.955	1.955	3.7	0.21	6.09	2.468	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/13/73-10/02/96	2	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	11/13/73-10/02/96	2	4.	4.	5.	3.	2.	1.414	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	11/13/73-10/02/96	2 ##	2.5	2.5	5.	0.	12.5	3.536	**	**	**	**

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

Annual Analysis for 1989 - Station ROMO0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/22/73-10/02/96	27	10.	13.141	28.	0.1	124.606	11.163	0.1	0.1	25.	28.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/22/73-10/02/96	25	11.6	11.796	18.6	8.3	6.304	2.511	8.3	11.2	12.15	16.14
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/22/73-10/02/96	25	60.	58.84	63.	51.	17.223	4.15	52.2	53.5	62.	63.
00300p	OXYGEN, DISSOLVED MG/L	08/22/73-10/02/96	25	4.2	4.836	7.4	2.	3.923	1.981	2.12	3.45	7.05	7.4
00400p	PH (STANDARD UNITS)	11/13/73-10/02/96	25	7.3	7.352	8.7	6.8	0.249	0.499	6.8	7.1	7.4	8.34
00400p	CONVERTED PH (STANDARD UNITS)	11/13/73-10/02/96	25	7.3	7.186	8.7	6.8	0.278	0.527	6.8	7.1	7.4	8.34
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/13/73-10/02/96	25	0.05	0.065	0.158	0.002	0.002	0.044	0.006	0.04	0.079	0.158
00403	PH, LAB, STANDARD UNITS SU	05/24/89-10/02/96	8	7.7	7.75	8.8	7.3	0.266	0.515	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	05/24/89-10/02/96	8	7.689	7.567	8.8	7.3	0.304	0.551	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/24/89-10/02/96	8	0.02	0.027	0.05	0.002	0.	0.02	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	05/24/89-10/02/96	10	0.01	0.014	0.03	0.005	0.	0.01	0.005	0.005	0.023	0.03
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/13/73-10/21/92	10	0.01	0.018	0.06	0.005	0.	0.018	0.005	0.005	0.025	0.058
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/24/89-10/02/96	10 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/13/73-10/02/96	10	0.3	0.28	0.4	0.1	0.008	0.092	0.11	0.2	0.325	0.4
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/22/73-10/02/96	10 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/13/73-10/02/96	10	0.02	0.015	0.02	0.005	0.	0.007	0.005	0.005	0.02	0.02
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/22/73-10/02/96	10 ##	0.005	0.006	0.01	0.005	0.	0.002	0.005	0.005	0.006	0.01
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/22/73-10/02/96	10 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/22/73-10/02/96	8	7.5	7.5	8.	7.	0.149	0.385	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/22/73-10/02/96	8	1.4	1.425	1.6	1.3	0.014	0.116	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/22/73-10/02/96	8	2.4	2.363	2.7	2.1	0.048	0.22	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/22/73-10/02/96	8	0.75	0.775	1.	0.6	0.025	0.158	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/22/73-10/02/96	8	0.35	0.363	0.5	0.3	0.006	0.074	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/22/73-10/02/96	8	3.5	3.5	4.	3.	0.286	0.535	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/22/73-10/02/96	8	0.15	0.15	0.2	0.1	0.003	0.053	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/22/73-10/02/96	8	5.25	5.313	6.2	4.5	0.39	0.624	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	05/24/89-10/02/96	8	7.	7.5	9.	6.	1.143	1.069	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	05/24/89-10/02/96	8 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	05/24/89-10/02/96	8 ##	5.	10.625	20.	5.	60.268	7.763	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	05/24/89-10/02/96	8 ##	0.5	0.563	1.	0.5	0.031	0.177	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/24/89-10/02/96	8 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	05/24/89-10/02/96	8 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	05/24/89-10/02/96	8 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/22/73-10/02/96	8	35.	44.75	94.	13.	1075.357	32.793	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	11/13/73-10/02/96	8 ##	5.	6.25	10.	5.	5.357	2.315	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/22/73-10/02/96	8	6.	19.875	59.	3.	615.554	24.81	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	05/24/89-10/02/96	8 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	11/13/73-10/02/96	8 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	05/24/89-10/02/96	8 ##	0.5	3.438	11.	0.5	22.531	4.747	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	05/24/89-10/02/96	8	45.	44.25	49.	39.	14.786	3.845	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	05/24/89-10/02/96	8 ##	3.	3.	3.	3.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	05/24/89-10/02/96	8	5.	4.5	7.	1.5	4.5	2.121	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	05/24/89-10/02/96	8 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/24/89-10/02/96	8	43.	44.	51.	40.	19.429	4.408	**	**	**	**

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

Annual Analysis for 1990 - Station ROMO0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/22/73-10/02/96	30	15.	13.86	30.	0.1	123.865	11.129	0.1	0.1	23.5	29.8
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/22/73-10/02/96	30	11.45	12.823	19.4	7.5	18.968	4.355	7.54	8.4	16.725	19.3
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/22/73-10/02/96	37	65.	60.189	76.	40.	111.713	10.569	40.	49.	67.	71.4
00300p	OXYGEN, DISSOLVED MG/L	08/22/73-10/02/96	30	7.	6.063	9.8	0.7	10.026	3.166	0.71	3.225	8.55	9.
00400p	PH (STANDARD UNITS)	11/13/73-10/02/96	30	7.6	7.827	9.6	7.2	0.534	0.731	7.2	7.4	7.8	9.5
00400p	CONVERTED PH (STANDARD UNITS)	11/13/73-10/02/96	30	7.6	7.553	9.6	7.2	0.611	0.782	7.2	7.4	7.8	9.5
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/13/73-10/02/96	30	0.025	0.028	0.063	0.	0.	0.02	0.	0.016	0.04	0.063
00403	PH, LAB, STANDARD UNITS SU	05/24/89-10/02/96	10	7.55	7.6	9.2	6.9	0.431	0.657	6.9	7.125	7.8	9.06
00403	CONVERTED PH, LAB, STANDARD UNITS	05/24/89-10/02/96	10	7.525	7.331	9.2	6.9	0.512	0.715	6.9	7.125	7.8	9.06
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/24/89-10/02/96	10	0.03	0.047	0.126	0.001	0.002	0.045	0.002	0.016	0.079	0.126
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	05/24/89-10/02/96	10 ##	0.013	0.021	0.1	0.005	0.001	0.029	0.005	0.005	0.02	0.092
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/13/73-10/21/92	10	0.02	0.026	0.1	0.005	0.001	0.028	0.005	0.005	0.03	0.093
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/24/89-10/02/96	10 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/13/73-10/02/96	10	0.5	0.47	0.7	0.3	0.016	0.125	0.3	0.375	0.525	0.69
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/22/73-10/02/96	10 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/13/73-10/02/96	10	0.02	0.021	0.03	0.01	0.	0.007	0.01	0.018	0.03	0.03
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/22/73-10/02/96	10 ##	0.005	0.01	0.05	0.005	0.	0.014	0.005	0.005	0.006	0.046
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/22/73-10/02/96	10 ##	0.005	0.006	0.01	0.005	0.	0.002	0.005	0.005	0.005	0.01
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/22/73-10/02/96	10	7.7	6.86	8.3	4.4	2.832	1.683	4.4	5.3	8.3	8.3
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/22/73-10/02/96	10	1.35	1.31	1.6	0.9	0.085	0.292	0.9	1.05	1.6	1.6
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/22/73-10/02/96	10	2.1	2.1	2.8	1.4	0.438	0.662	1.4	1.4	2.8	2.8
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/22/73-10/02/96	10	0.7	0.88	1.5	0.5	0.155	0.394	0.5	0.575	1.2	1.5
00940	CHLORIDE,TOTAL IN WATER MG/L	08/22/73-10/02/96	10	0.75	0.67	1.	0.3	0.111	0.333	0.3	0.3	1.	1.
00945	SULFATE, TOTAL (MG/L AS SO4)	08/22/73-10/02/96	10	3.	3.	4.	2.	0.889	0.943	2.	2.	4.	4.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/22/73-10/02/96	10	0.1	0.11	0.2	0.05	0.003	0.052	0.05	0.088	0.125	0.2
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/22/73-10/02/96	10	5.25	5.25	6.7	3.5	1.367	1.169	3.5	4.325	6.6	6.69
01005	BARIUM, DISSOLVED (UG/L AS BA)	05/24/89-10/02/96	10	7.5	7.	9.	4.	4.889	2.211	4.	4.	9.	9.
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	05/24/89-10/02/96	10 ##	0.25	0.25	0.25	0.25	0.	0.	0.25	0.25	0.25	0.25
01020	BORON, DISSOLVED (UG/L AS B)	05/24/89-10/02/96	10 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01025	CADMIUM, DISSOLVED (UG/L AS CD)	05/24/89-10/02/96	10 ##	0.5	0.55	1.	0.5	0.025	0.158	0.5	0.5	0.5	0.95
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/24/89-10/02/96	10 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
01035	COBALT, DISSOLVED (UG/L AS CO)	05/24/89-10/02/96	10 ##	1.5	1.5	1.5	1.5	0.	0.	1.5	1.5	1.5	1.5
01040	COPPER, DISSOLVED (UG/L AS CU)	05/24/89-10/02/96	10 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01046	IRON, DISSOLVED (UG/L AS FE)	08/22/73-10/02/96	10	110.	109.4	160.	54.	1651.6	40.64	54.	66.	145.	160.
01049	LEAD, DISSOLVED (UG/L AS PB)	11/13/73-10/02/96	10 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/22/73-10/02/96	7	49.	30.857	50.	4.	541.81	23.277	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	05/24/89-10/02/96	10 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01065	NICKEL, DISSOLVED (UG/L AS NI)	11/13/73-10/02/96	10 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01075	SILVER, DISSOLVED (UG/L AS AG)	05/24/89-10/02/96	10 ##	0.5	1.1	2.	0.5	0.6	0.775	0.5	0.5	2.	2.
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	05/24/89-10/02/96	10	43.	39.1	52.	25.	104.989	10.246	25.	29.5	47.	51.5
01085	VANADIUM, DISSOLVED (UG/L AS V)	05/24/89-10/02/96	10 ##	3.	3.	3.	3.	0.	0.	3.	3.	3.	3.
01090	ZINC, DISSOLVED (UG/L AS ZN)	05/24/89-10/02/96	10	5.	4.75	9.	1.5	8.458	2.908	1.5	1.5	7.	8.8
01130	LITHIUM, DISSOLVED (UG/L AS LI)	05/24/89-10/02/96	10 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/24/89-10/02/96	10	31.5	32.4	45.	20.	73.822	8.592	20.	27.5	42.	44.7

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

Annual Analysis for 1991 - Station ROMO0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/22/73-10/02/96	58	10.	13.979	80.	0.1	257.943	16.061	0.1	0.1	23.	25.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/22/73-10/02/96	59	11.6	11.78	16.3	7.3	6.205	2.491	8.8	10.	12.9	15.8
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/22/73-10/02/96	59	54.	53.356	64.	39.	65.164	8.072	40.	45.	61.	62.
00300p	OXYGEN, DISSOLVED MG/L	08/22/73-10/02/96	59	6.7	6.598	10.	4.	3.498	1.87	4.2	4.4	7.6	9.8
00400p	PH (STANDARD UNITS)	11/13/73-10/02/96	52	7.5	7.523	8.5	7.	0.203	0.451	7.	7.	7.95	8.28
00400p	CONVERTED PH (STANDARD UNITS)	11/13/73-10/02/96	52	7.5	7.342	8.5	7.	0.237	0.486	7.	7.	7.95	8.28
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/13/73-10/02/96	52	0.032	0.046	0.1	0.003	0.001	0.036	0.006	0.011	0.1	0.1

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

Annual Analysis for 1991 - Station ROMO0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403	PH, LAB, STANDARD UNITS SU	05/24/89-10/02/96	23	7.5	7.426	7.8	7.1	0.043	0.207	7.14	7.3	7.6	7.72
00403	CONVERTED PH, LAB, STANDARD UNITS	05/24/89-10/02/96	23	7.5	7.38	7.8	7.1	0.045	0.212	7.14	7.3	7.6	7.72
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/24/89-10/02/96	23	0.032	0.042	0.079	0.016	0.	0.019	0.02	0.025	0.05	0.073
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	05/24/89-10/02/96	23	0.01	0.016	0.07	0.005	0.	0.017	0.005	0.005	0.02	0.05
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/13/73-10/21/92	23	0.02	0.021	0.08	0.005	0.	0.02	0.005	0.005	0.03	0.05
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/24/89-10/02/96	23 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/13/73-10/02/96	23	0.4	0.365	0.6	0.1	0.022	0.15	0.1	0.3	0.5	0.56
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/22/73-10/02/96	23 ##	0.025	0.032	0.09	0.003	0.001	0.033	0.003	0.003	0.05	0.09
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/13/73-10/02/96	23	0.018	0.023	0.06	0.008	0.	0.015	0.009	0.011	0.03	0.052
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/22/73-10/02/96	11 ##	0.005	0.008	0.02	0.005	0.	0.006	0.005	0.005	0.01	0.02
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/22/73-10/02/96	23 ##	0.001	0.003	0.02	0.001	0.	0.004	0.001	0.001	0.005	0.005
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/22/73-10/02/96	23	6.8	6.591	8.	4.5	1.363	1.167	4.66	5.3	7.7	7.88
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/22/73-10/02/96	23	1.3	1.204	1.4	0.8	0.033	0.182	0.88	1.	1.3	1.4
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/22/73-10/02/96	23	2.2	2.061	2.4	1.3	0.125	0.354	1.34	2.	2.3	2.36
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/22/73-10/02/96	23	0.7	0.717	1.	0.5	0.02	0.14	0.54	0.6	0.8	0.96
00940	CHLORIDE,TOTAL IN WATER MG/L	08/22/73-10/02/96	23	0.2	0.33	1.	0.05	0.087	0.295	0.05	0.05	0.5	0.88
00945	SULFATE, TOTAL (MG/L AS SO4)	08/22/73-10/02/96	23	3.	3.087	4.	2.	0.265	0.515	2.4	3.	3.	4.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/22/73-10/02/96	23	0.2	0.178	0.3	0.1	0.005	0.074	0.1	0.1	0.2	0.3
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/22/73-10/02/96	23	5.6	5.422	6.7	3.4	0.785	0.886	3.84	4.6	6.	6.5
01005	BARIUM, DISSOLVED (UG/L AS BA)	05/24/89-10/02/96	23	6.	6.435	8.	4.	1.802	1.343	4.4	5.	8.	8.
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	05/24/89-10/02/96	23 ##	0.25	0.4	0.8	0.25	0.042	0.205	0.25	0.25	0.6	0.76
01020	BORON, DISSOLVED (UG/L AS B)	05/24/89-10/02/96	23 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01025	CADMIUM, DISSOLVED (UG/L AS CD)	05/24/89-10/02/96	23 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/24/89-10/02/96	23 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
01035	COBALT, DISSOLVED (UG/L AS CO)	05/24/89-10/02/96	23 ##	1.5	1.5	1.5	1.5	0.	0.	1.5	1.5	1.5	1.5
01040	COPPER, DISSOLVED (UG/L AS CU)	05/24/89-10/02/96	23 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01046	IRON, DISSOLVED (UG/L AS FE)	08/22/73-10/02/96	23	91.	92.435	180.	44.	1827.439	42.749	46.	51.	110.	176.
01049	LEAD, DISSOLVED (UG/L AS PB)	11/13/73-10/02/96	23 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/22/73-10/02/96	22	45.	57.455	170.	4.	2361.593	48.596	4.3	17.	87.	145.7
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	05/24/89-10/02/96	23 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01065	NICKEL, DISSOLVED (UG/L AS NI)	11/13/73-10/02/96	23 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01075	SILVER, DISSOLVED (UG/L AS AG)	05/24/89-10/02/96	24 ##	0.5	0.656	5.	0.	0.901	0.949	0.25	0.313	0.5	1.
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	05/24/89-10/02/96	23	39.	37.783	47.	24.	65.723	8.107	24.8	29.	45.	47.
01085	VANADIUM, DISSOLVED (UG/L AS V)	05/24/89-10/02/96	23 ##	3.	3.	3.	3.	0.	0.	3.	3.	3.	3.
01090	ZINC, DISSOLVED (UG/L AS ZN)	05/24/89-10/02/96	23 ##	1.5	2.087	4.	1.5	0.901	0.949	1.5	1.5	3.	4.
01130	LITHIUM, DISSOLVED (UG/L AS LI)	05/24/89-10/02/96	23 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/24/89-10/02/96	23	36.	35.696	49.	20.	51.949	7.208	22.8	34.	40.	45.8

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

Annual Analysis for 1992 - Station ROMO0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/22/73-10/02/96	62	15.	12.932	28.	0.1	109.985	10.487	0.1	0.1	23.	26.4
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/22/73-10/02/96	62	12.	12.01	16.3	8.7	4.055	2.014	8.8	11.2	13.125	14.3
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/22/73-10/02/96	62	58.	58.032	68.	46.	41.278	6.425	51.	53.5	63.	67.
00300p	OXYGEN, DISSOLVED MG/L	08/22/73-10/02/96	62	7.05	6.394	8.6	2.3	3.156	1.777	2.72	5.675	7.7	8.
00400p	PH (STANDARD UNITS)	11/13/73-10/02/96	62	7.4	7.535	9.5	7.1	0.357	0.597	7.1	7.3	7.4	7.87
00400p	CONVERTED PH (STANDARD UNITS)	11/13/73-10/02/96	62	7.4	7.37	9.5	7.1	0.385	0.62	7.1	7.3	7.4	7.87
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/13/73-10/02/96	62	0.04	0.043	0.079	0.	0.	0.021	0.014	0.04	0.05	0.079
00403	PH, LAB, STANDARD UNITS SU	05/24/89-10/02/96	22	7.5	7.591	9.1	7.	0.303	0.55	7.03	7.275	7.7	8.74
00403	CONVERTED PH, LAB, STANDARD UNITS	05/24/89-10/02/96	22	7.5	7.405	9.1	7.	0.339	0.582	7.03	7.275	7.7	8.74
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/24/89-10/02/96	22	0.032	0.039	0.1	0.001	0.001	0.028	0.004	0.02	0.053	0.094
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	05/24/89-10/02/96	22	0.02	0.037	0.15	0.005	0.002	0.043	0.005	0.01	0.04	0.132
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/13/73-10/21/92	22	0.02	0.035	0.14	0.005	0.002	0.039	0.007	0.02	0.03	0.122
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/24/89-10/02/96	22 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/13/73-10/02/96	22	0.3	0.314	0.8	0.1	0.034	0.183	0.1	0.2	0.4	0.68

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Annual Analysis for 1992 - Station ROMO0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/22/73-10/02/96	22 ##	0.025	0.036	0.07	0.025	0.	0.017	0.025	0.025	0.05	0.067
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/13/73-10/02/96	22	0.02	0.019	0.03	0.005	0.	0.01	0.005	0.009	0.03	0.03
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/22/73-10/02/96	22 ##	0.005	0.005	0.01	0.005	0.	0.001	0.005	0.005	0.005	0.005
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/22/73-10/02/96	22 ##	0.005	0.007	0.02	0.005	0.	0.005	0.005	0.005	0.01	0.017
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/22/73-10/02/96	22	6.9	6.695	8.1	5.5	0.658	0.811	5.56	5.8	7.4	7.85
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/22/73-10/02/96	22	1.3	1.236	1.4	1.	0.012	0.109	1.03	1.2	1.3	1.37
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/22/73-10/02/96	22	2.1	2.123	2.6	1.7	0.076	0.276	1.73	1.9	2.4	2.47
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/22/73-10/02/96	22	0.8	0.764	0.8	0.7	0.002	0.049	0.7	0.7	0.8	0.8
00940	CHLORIDE,TOTAL IN WATER MG/L	08/22/73-10/02/96	22	0.25	0.355	0.9	0.05	0.076	0.276	0.05	0.1	0.525	0.84
00945	SULFATE, TOTAL (MG/L AS SO4)	08/22/73-10/02/96	22	3.	3.091	4.	3.	0.087	0.294	3.	3.	3.	3.7
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/22/73-10/02/96	22	0.1	0.123	0.2	0.05	0.003	0.051	0.065	0.1	0.2	0.2
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/22/73-10/02/96	22	6.2	6.418	8.	5.1	0.833	0.913	5.22	5.9	7.4	7.94
01005	BARIUM, DISSOLVED (UG/L AS BA)	05/24/89-10/02/96	22	7.5	6.5	10.	1.	8.548	2.924	1.	5.	8.	9.7
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	05/24/89-10/02/96	22 ##	0.25	0.35	0.8	0.25	0.047	0.217	0.25	0.25	0.25	0.8
01020	BORON, DISSOLVED (UG/L AS B)	05/24/89-10/02/96	22 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01025	CADMIUM, DISSOLVED (UG/L AS CD)	05/24/89-10/02/96	22 ##	0.5	0.523	1.	0.5	0.011	0.107	0.5	0.5	0.5	0.5
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/24/89-10/02/96	22 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
01035	COBALT, DISSOLVED (UG/L AS CO)	05/24/89-10/02/96	22 ##	1.5	1.5	1.5	1.5	0.	0.	1.5	1.5	1.5	1.5
01040	COPPER, DISSOLVED (UG/L AS CU)	05/24/89-10/02/96	22 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01046	IRON, DISSOLVED (UG/L AS FE)	08/22/73-10/02/96	22	77.	81.	210.	25.	2823.619	53.138	26.8	37.75	98.	189.
01049	LEAD, DISSOLVED (UG/L AS PB)	11/13/73-10/02/96	22 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/22/73-10/02/96	20	46.5	50.05	150.	1.	1867.839	43.219	1.2	17.5	70.	143.1
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	05/24/89-10/02/96	22 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01065	NICKEL, DISSOLVED (UG/L AS NI)	11/13/73-10/02/96	22 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01075	SILVER, DISSOLVED (UG/L AS AG)	05/24/89-10/02/96	22 ##	0.5	0.773	2.	0.5	0.351	0.592	0.5	0.5	0.5	2.
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	05/24/89-10/02/96	22	40.	38.091	46.	31.	32.848	5.731	31.	32.	43.	45.4
01085	VANADIUM, DISSOLVED (UG/L AS V)	05/24/89-10/02/96	22 ##	3.	3.	3.	3.	0.	0.	3.	3.	3.	3.
01090	ZINC, DISSOLVED (UG/L AS ZN)	05/24/89-10/02/96	22	6.5	6.864	18.	1.5	20.528	4.531	1.5	1.5	10.25	12.
01130	LITHIUM, DISSOLVED (UG/L AS LI)	05/24/89-10/02/96	22 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/24/89-10/02/96	22	36.	37.227	54.	24.	67.613	8.223	25.2	32.	43.	52.2

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Annual Analysis for 1993 - Station ROMO0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/22/73-10/02/96	48	12.5	12.525	25.	0.1	95.108	9.752	0.1	1.325	23.75	25.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/22/73-10/02/96	48	10.85	11.202	16.5	8.4	3.848	1.962	9.2	9.725	12.5	13.4
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/22/73-10/02/96	48	57.	51.396	61.	31.	136.202	11.671	33.	36.5	61.	61.
00300p	OXYGEN, DISSOLVED MG/L	08/22/73-10/02/96	48	5.75	6.133	7.9	4.5	1.216	1.103	4.7	5.4	7.275	7.81
00400p	PH (STANDARD UNITS)	11/13/73-10/02/96	48	7.2	7.252	7.6	7.	0.036	0.189	7.	7.1	7.4	7.6
00400p	CONVERTED PH (STANDARD UNITS)	11/13/73-10/02/96	48	7.2	7.215	7.6	7.	0.037	0.193	7.	7.1	7.4	7.6
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/13/73-10/02/96	48	0.063	0.061	0.1	0.025	0.001	0.023	0.025	0.04	0.079	0.1
00403	PH, LAB, STANDARD UNITS SU	05/24/89-10/02/96	12	7.15	7.175	7.6	6.9	0.038	0.196	6.93	7.	7.3	7.51
00403	CONVERTED PH, LAB, STANDARD UNITS	05/24/89-10/02/96	12	7.147	7.138	7.6	6.9	0.04	0.2	6.93	7.	7.3	7.51
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/24/89-10/02/96	12	0.071	0.073	0.126	0.025	0.001	0.029	0.033	0.05	0.1	0.118
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	05/24/89-10/02/96	12	0.03	0.024	0.04	0.005	0.	0.011	0.005	0.02	0.03	0.037
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/24/89-10/02/96	12 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/13/73-10/02/96	12 ##	0.1	0.158	0.3	0.1	0.006	0.079	0.1	0.1	0.2	0.3
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/22/73-10/02/96	12	0.05	0.049	0.1	0.025	0.001	0.025	0.025	0.025	0.06	0.094
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/13/73-10/02/96	12	0.01	0.013	0.03	0.005	0.	0.008	0.005	0.005	0.02	0.027
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/22/73-10/02/96	12 ##	0.005	0.006	0.01	0.005	0.	0.002	0.005	0.005	0.009	0.01
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/22/73-10/02/96	12 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/22/73-10/02/96	12	6.7	6.292	7.8	4.	2.003	1.415	4.03	4.7	7.375	7.77
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/22/73-10/02/96	12	1.3	1.183	1.4	0.8	0.065	0.255	0.8	0.85	1.4	1.4
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/22/73-10/02/96	12	2.3	2.05	2.5	1.2	0.225	0.474	1.23	1.55	2.4	2.47
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/22/73-10/02/96	12	0.7	0.658	0.9	0.4	0.021	0.144	0.43	0.525	0.775	0.87

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Annual Analysis for 1993 - Station ROMO0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00940	CHLORIDE,TOTAL IN WATER MG/L	08/22/73-10/02/96	12	0.4	0.433	0.6	0.3	0.012	0.107	0.3	0.325	0.5	0.6
00945	SULFATE, TOTAL (MG/L AS SO4)	08/22/73-10/02/96	12	3.	3.	4.	2.	0.364	0.603	2.	3.	3.	4.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/22/73-10/02/96	12	0.1	0.117	0.2	0.1	0.002	0.039	0.1	0.1	0.1	0.2
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/22/73-10/02/96	12	7.25	6.783	7.6	5.2	0.834	0.913	5.23	5.8	7.45	7.6
01005	BARIUM, DISSOLVED (UG/L AS BA)	05/24/89-10/02/96	12	8.	7.333	8.	5.	1.152	1.073	5.3	6.25	8.	8.
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	05/24/89-10/02/96	12 ##	0.25	0.25	0.25	0.25	0.	0.	0.25	0.25	0.25	0.25
01020	BORON, DISSOLVED (UG/L AS B)	05/24/89-10/02/96	12 ##	5.	5.417	10.	5.	2.083	1.443	5.	5.	5.	8.5
01025	CADMIUM, DISSOLVED (UG/L AS CD)	05/24/89-10/02/96	12 ##	0.5	0.75	2.	0.5	0.341	0.584	0.5	0.5	0.5	2.
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/24/89-10/02/96	12 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
01035	COBALT, DISSOLVED (UG/L AS CO)	05/24/89-10/02/96	12 ##	1.5	1.5	1.5	1.5	0.	0.	1.5	1.5	1.5	1.5
01040	COPPER, DISSOLVED (UG/L AS CU)	05/24/89-10/02/96	12 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01046	IRON, DISSOLVED (UG/L AS FE)	08/22/73-10/02/96	12	33.5	48.25	140.	14.	1381.295	37.166	15.5	22.5	76.5	122.6
01049	LEAD, DISSOLVED (UG/L AS PB)	11/13/73-10/02/96	12 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/22/73-10/02/96	12	4.	14.417	63.	1.	426.447	20.651	1.	2.25	28.75	56.7
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	05/24/89-10/02/96	12 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01065	NICKEL, DISSOLVED (UG/L AS NI)	11/13/73-10/02/96	12 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01075	SILVER, DISSOLVED (UG/L AS AG)	05/24/89-10/02/96	12 ##	0.3	0.425	2.	0.1	0.286	0.534	0.1	0.1	0.5	1.55
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	05/24/89-10/02/96	12	39.5	36.583	47.	21.	103.174	10.157	21.	24.75	45.	46.7
01085	VANADIUM, DISSOLVED (UG/L AS V)	05/24/89-10/02/96	12 ##	3.	3.	3.	3.	0.	0.	3.	3.	3.	3.
01090	ZINC, DISSOLVED (UG/L AS ZN)	05/24/89-10/02/96	12	7.	7.583	13.	1.5	16.038	4.005	1.5	5.25	11.75	13.
01130	LITHIUM, DISSOLVED (UG/L AS LI)	05/24/89-10/02/96	12 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/24/89-10/02/96	12	38.5	37.333	52.	24.	87.697	9.365	24.	27.5	44.	50.8

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

Annual Analysis for 1994 - Station ROMO0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/22/73-10/02/96	47	10.	12.26	25.	0.1	93.721	9.681	0.1	0.1	20.	25.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/22/73-10/02/96	47	9.8	10.428	16.4	7.9	6.36	2.522	8.	8.4	11.6	15.3
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/22/73-10/02/96	47	56.	50.66	57.	34.	69.36	8.328	34.8	43.	56.	57.
00300p	OXYGEN, DISSOLVED MG/L	08/22/73-10/02/96	47	5.1	5.502	8.1	3.6	1.38	1.175	4.38	4.6	6.4	7.56
00400p	PH (STANDARD UNITS)	11/13/73-10/02/96	47	7.3	7.389	7.9	7.2	0.042	0.205	7.2	7.2	7.5	7.72
00400p	CONVERTED PH (STANDARD UNITS)	11/13/73-10/02/96	47	7.3	7.349	7.9	7.2	0.043	0.209	7.2	7.2	7.5	7.72
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/13/73-10/02/96	47	0.05	0.045	0.063	0.013	0.	0.017	0.019	0.032	0.063	0.063
00403	PH, LAB, STANDARD UNITS SU	05/24/89-10/02/96	10	6.8	6.78	7.	6.5	0.022	0.148	6.51	6.675	6.9	6.99
00403	CONVERTED PH, LAB, STANDARD UNITS	05/24/89-10/02/96	10	6.8	6.756	7.	6.5	0.022	0.15	6.51	6.675	6.9	6.99
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/24/89-10/02/96	10	0.158	0.175	0.316	0.1	0.004	0.065	0.103	0.126	0.212	0.31
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	05/24/89-10/02/96	10	0.01	0.011	0.02	0.005	0.	0.005	0.005	0.007	0.013	0.02
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/24/89-10/02/96	10 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/13/73-10/02/96	10	0.2	0.17	0.3	0.1	0.005	0.067	0.1	0.1	0.2	0.29
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/22/73-10/02/96	10	0.06	0.056	0.1	0.025	0.001	0.029	0.025	0.025	0.083	0.099
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/13/73-10/02/96	10	0.01	0.011	0.03	0.005	0.	0.008	0.005	0.005	0.013	0.029
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/22/73-10/02/96	10 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/22/73-10/02/96	10 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/22/73-10/02/96	10	7.25	6.79	7.7	4.3	1.465	1.211	4.35	6.375	7.525	7.69
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/22/73-10/02/96	10	1.3	1.25	1.4	0.9	0.027	0.165	0.91	1.225	1.325	1.4
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/22/73-10/02/96	10	2.2	2.13	2.5	1.4	0.087	0.295	1.46	2.075	2.25	2.49
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/22/73-10/02/96	10	0.7	0.7	1.	0.5	0.02	0.141	0.51	0.6	0.8	0.98
00940	CHLORIDE,TOTAL IN WATER MG/L	08/22/73-10/02/96	10	0.4	0.41	0.5	0.2	0.008	0.088	0.22	0.4	0.5	0.5
00945	SULFATE, TOTAL (MG/L AS SO4)	08/22/73-10/02/96	10	3.	3.	3.	3.	0.	0.	3.	3.	3.	3.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/22/73-10/02/96	10	0.1	0.135	0.2	0.05	0.003	0.058	0.055	0.1	0.2	0.2
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/22/73-10/02/96	10	7.	6.75	7.4	4.8	0.763	0.873	4.88	6.425	7.4	7.4
01005	BARIUM, DISSOLVED (UG/L AS BA)	05/24/89-10/02/96	10	8.	7.5	8.	6.	0.5	0.707	6.1	7.	8.	8.
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	05/24/89-10/02/96	10 ##	0.25	0.25	0.25	0.25	0.	0.	0.25	0.25	0.25	0.25
01020	BORON, DISSOLVED (UG/L AS B)	05/24/89-10/02/96	10 ##	5.	5.5	10.	5.	2.5	1.581	5.	5.	5.	9.5
01025	CADMIUM, DISSOLVED (UG/L AS CD)	05/24/89-10/02/96	10 ##	0.5	0.55	1.	0.5	0.025	0.158	0.5	0.5	0.5	0.95

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Annual Analysis for 1994 - Station ROMO0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/24/89-10/02/96	10 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
01035	COBALT, DISSOLVED (UG/L AS CO)	05/24/89-10/02/96	10 ##	1.5	1.5	1.5	1.5	0.	0.	1.5	1.5	1.5	1.5
01040	COPPER, DISSOLVED (UG/L AS CU)	05/24/89-10/02/96	10 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01046	IRON, DISSOLVED (UG/L AS FE)	08/22/73-10/02/96	10	15.	24.3	98.	7.	749.789	27.382	7.1	11.	24.	92.1
01049	LEAD, DISSOLVED (UG/L AS PB)	11/13/73-10/02/96	10 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/22/73-10/02/96	10	3.5	5.8	27.	1.	59.067	7.685	1.1	2.	6.25	25.
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	05/24/89-10/02/96	10 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01065	NICKEL, DISSOLVED (UG/L AS NI)	11/13/73-10/02/96	10 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01075	SILVER, DISSOLVED (UG/L AS AG)	05/24/89-10/02/96	10 ##	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	05/24/89-10/02/96	10	45.	41.	47.	25.	64.889	8.055	25.3	36.25	46.25	47.
01085	VANADIUM, DISSOLVED (UG/L AS V)	05/24/89-10/02/96	10 ##	3.	3.	3.	3.	0.	0.	3.	3.	3.	3.
01090	ZINC, DISSOLVED (UG/L AS ZN)	05/24/89-10/02/96	10	5.5	8.2	29.	1.5	68.567	8.28	1.5	2.625	11.5	27.4
01130	LITHIUM, DISSOLVED (UG/L AS LI)	05/24/89-10/02/96	10 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/24/89-10/02/96	10	41.	39.6	52.	22.	76.267	8.733	22.6	35.5	44.5	51.4

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Annual Analysis for 1995 - Station ROMO0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/22/73-10/02/96	44	15.	13.525	30.	0.1	112.869	10.624	0.1	1.325	25.	28.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/22/73-10/02/96	44	9.65	10.807	19.	6.8	10.57	3.251	7.65	8.4	11.625	17.5
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/22/73-10/02/96	44	54.	45.432	57.	26.	157.321	12.543	28.5	31.	56.	56.
00300p	OXYGEN, DISSOLVED MG/L	08/22/73-10/02/96	44	7.1	6.891	8.5	3.4	1.203	1.097	5.55	6.425	7.7	8.
00400p	PH (STANDARD UNITS)	11/13/73-10/02/96	44	7.5	7.559	8.1	7.1	0.051	0.225	7.3	7.4	7.7	7.9
00400p	CONVERTED PH (STANDARD UNITS)	11/13/73-10/02/96	44	7.5	7.504	8.1	7.1	0.054	0.232	7.3	7.4	7.7	7.9
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/13/73-10/02/96	44	0.032	0.031	0.079	0.008	0.	0.016	0.013	0.02	0.04	0.05
00403	PH, LAB, STANDARD UNITS SU	05/24/89-10/02/96	11	7.2	7.227	7.8	6.9	0.07	0.265	6.92	7.	7.4	7.72
00403	CONVERTED PH, LAB, STANDARD UNITS	05/24/89-10/02/96	11	7.2	7.164	7.8	6.9	0.075	0.273	6.92	7.	7.4	7.72
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/24/89-10/02/96	11	0.063	0.069	0.126	0.016	0.001	0.035	0.021	0.04	0.1	0.121
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	05/24/89-10/02/96	12 ##	0.008	0.011	0.02	0.008	0.	0.006	0.008	0.008	0.017	0.02
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/24/89-10/02/96	12 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/13/73-10/02/96	12 ##	0.15	0.192	0.4	0.1	0.012	0.108	0.1	0.1	0.3	0.37
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/22/73-10/02/96	12 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/13/73-10/02/96	12 ##	0.008	0.01	0.02	0.005	0.	0.006	0.005	0.005	0.018	0.02
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/22/73-10/02/96	12 ##	0.005	0.006	0.02	0.005	0.	0.004	0.005	0.005	0.005	0.016
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/22/73-10/02/96	12 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/22/73-10/02/96	11	6.5	5.9	7.5	3.6	2.498	1.581	3.68	4.1	7.3	7.5
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/22/73-10/02/96	11	1.2	1.164	1.5	0.7	0.083	0.287	0.72	0.9	1.4	1.48
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/22/73-10/02/96	11	1.9	1.718	2.2	1.1	0.206	0.453	1.1	1.2	2.1	2.18
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/22/73-10/02/96	11	0.6	0.673	1.	0.4	0.036	0.19	0.42	0.5	0.9	0.98
00940	CHLORIDE,TOTAL IN WATER MG/L	08/22/73-10/02/96	11	0.4	0.327	0.5	0.2	0.012	0.11	0.2	0.2	0.4	0.48
00945	SULFATE, TOTAL (MG/L AS SO4)	08/22/73-10/02/96	11	3.	2.636	3.	2.	0.255	0.505	2.	2.	3.	3.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/22/73-10/02/96	11	0.1	0.127	0.2	0.1	0.002	0.047	0.1	0.1	0.2	0.2
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/22/73-10/02/96	12	6.45	6.2	7.5	4.4	1.085	1.042	4.49	5.25	7.075	7.41
01005	BARIUM, DISSOLVED (UG/L AS BA)	05/24/89-10/02/96	12	6.	6.333	8.	5.	1.152	1.073	5.	5.25	7.	8.
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	05/24/89-10/02/96	12 ##	0.25	0.25	0.25	0.25	0.	0.	0.25	0.25	0.25	0.25
01020	BORON, DISSOLVED (UG/L AS B)	05/24/89-10/02/96	12 ##	5.	5.833	10.	5.	3.788	1.946	5.	5.	5.	10.
01025	CADMIUM, DISSOLVED (UG/L AS CD)	05/24/89-10/02/96	12 ##	0.5	0.708	3.	0.5	0.521	0.722	0.5	0.5	0.5	2.25
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/24/89-10/02/96	12 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
01035	COBALT, DISSOLVED (UG/L AS CO)	05/24/89-10/02/96	12 ##	1.5	1.5	1.5	1.5	0.	0.	1.5	1.5	1.5	1.5
01040	COPPER, DISSOLVED (UG/L AS CU)	05/24/89-10/02/96	12 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01046	IRON, DISSOLVED (UG/L AS FE)	08/22/73-10/02/96	12	50.5	84.333	260.	20.	5290.424	72.735	20.9	44.25	111.25	239.
01049	LEAD, DISSOLVED (UG/L AS PB)	11/13/73-10/02/96	12 ##	5.	5.833	10.	5.	3.788	1.946	5.	5.	5.	10.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/22/73-10/02/96	12	2.5	6.583	27.	0.5	79.129	8.895	0.5	1.	13.	24.6
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	05/24/89-10/02/96	12 ##	5.	5.417	10.	5.	2.083	1.443	5.	5.	5.	8.5
01065	NICKEL, DISSOLVED (UG/L AS NI)	11/13/73-10/02/96	12 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.

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Annual Analysis for 1995 - Station ROMO0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01075	SILVER, DISSOLVED (UG/L AS AG)	05/24/89-10/02/96	12 ##	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	05/24/89-10/02/96	12	39.5	34.5	46.	20.	107.545	10.37	20.	22.	43.5	45.4
01085	VANADIUM, DISSOLVED (UG/L AS V)	05/24/89-10/02/96	12 ##	3.	3.	3.	3.	0.	0.	3.	3.	3.	3.
01090	ZINC, DISSOLVED (UG/L AS ZN)	05/24/89-10/02/96	12 ##	1.5	2.292	11.	1.5	7.521	2.742	1.5	1.5	1.5	8.15
01130	LITHIUM, DISSOLVED (UG/L AS LI)	05/24/89-10/02/96	12 ##	2.	2.25	5.	2.	0.75	0.866	2.	2.	2.	4.1
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/24/89-10/02/96	12	34.	32.5	40.	8.	83.727	9.15	14.	28.5	40.	40.

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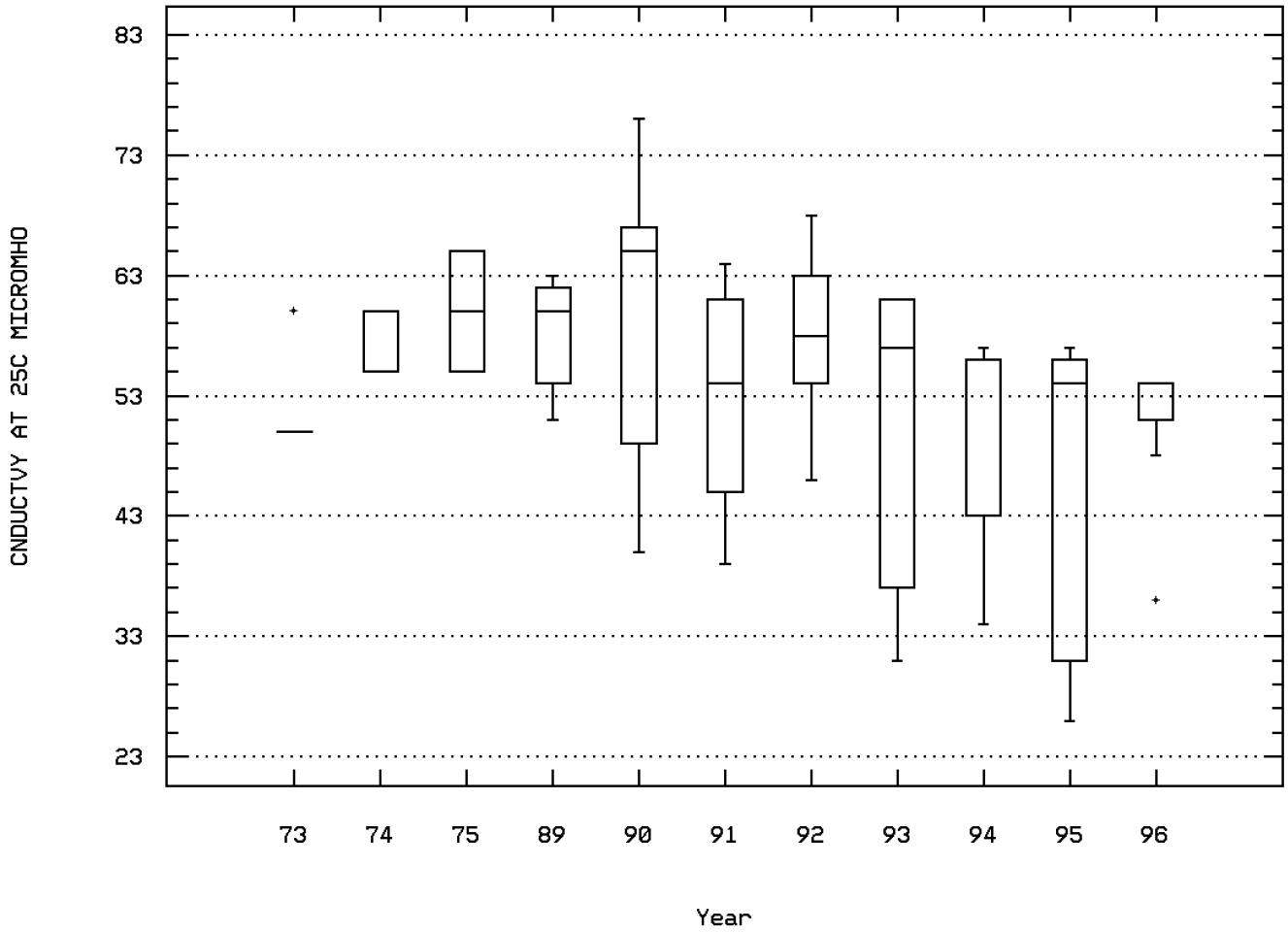
Annual Analysis for 1996 - Station ROMO0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/22/73-10/02/96	19	15.	13.184	25.	0.1	108.189	10.401	0.1	0.1	25.	25.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/22/73-10/02/96	19	11.	11.326	16.5	8.2	4.898	2.213	8.8	9.8	11.5	16.5
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/22/73-10/02/96	19	51.	51.	54.	36.	16.667	4.082	48.	51.	54.	54.
00300p	OXYGEN, DISSOLVED MG/L	08/22/73-10/02/96	19	7.1	7.026	8.3	5.6	0.362	0.602	5.9	6.7	7.4	7.6
00400p	PH (STANDARD UNITS)	11/13/73-10/02/96	19	7.2	7.216	7.7	6.9	0.054	0.232	7.	7.	7.3	7.6
00400p	CONVERTED PH (STANDARD UNITS)	11/13/73-10/02/96	19	7.2	7.165	7.7	6.9	0.056	0.237	7.	7.	7.3	7.6
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/13/73-10/02/96	19	0.063	0.068	0.126	0.02	0.001	0.03	0.025	0.05	0.1	0.1
00403	PH, LAB, STANDARD UNITS SU	05/24/89-10/02/96	8	7.05	7.1	7.4	7.	0.02	0.141	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	05/24/89-10/02/96	8	7.047	7.082	7.4	7.	0.02	0.143	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/24/89-10/02/96	8	0.09	0.083	0.1	0.04	0.	0.022	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	05/24/89-10/02/96	8 ##	0.014	0.018	0.04	0.008	0.	0.012	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/24/89-10/02/96	8 ##	0.005	0.006	0.01	0.005	0.	0.002	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/13/73-10/02/96	8	0.2	0.213	0.4	0.1	0.01	0.099	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/22/73-10/02/96	8	0.075	0.062	0.1	0.025	0.001	0.032	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/13/73-10/02/96	8 ##	0.005	0.011	0.03	0.005	0.	0.009	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/22/73-10/02/96	8 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/22/73-10/02/96	8 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/22/73-10/02/96	8	6.65	6.25	6.8	4.4	0.709	0.842	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/22/73-10/02/96	8	1.2	1.188	1.3	1.	0.01	0.099	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/22/73-10/02/96	8	2.	1.85	2.	1.2	0.08	0.283	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/22/73-10/02/96	8	0.7	0.675	0.8	0.6	0.005	0.071	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/22/73-10/02/96	8	0.4	0.35	0.4	0.1	0.011	0.107	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/22/73-10/02/96	8	3.	2.875	3.	2.	0.125	0.354	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/22/73-10/02/96	8	0.1	0.113	0.2	0.1	0.001	0.035	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/22/73-10/02/96	8	5.35	5.288	6.	4.8	0.147	0.383	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	05/24/89-10/02/96	8	7.	7.25	8.	6.	0.5	0.707	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	05/24/89-10/02/96	8 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	05/24/89-10/02/96	8 ##	2.	3.	6.	2.	2.286	1.512	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	05/24/89-10/02/96	8 ##	0.5	0.75	2.	0.5	0.286	0.535	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/24/89-10/02/96	8 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	05/24/89-10/02/96	8 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	05/24/89-10/02/96	8 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/22/73-10/02/96	8	32.	43.5	130.	26.	1230.286	35.075	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	11/13/73-10/02/96	8 ##	5.	5.625	10.	5.	3.125	1.768	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/22/73-10/02/96	8	3.5	3.125	6.	0.5	5.196	2.28	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	05/24/89-10/02/96	8 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	11/13/73-10/02/96	8 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	05/24/89-10/02/96	8 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	05/24/89-10/02/96	8	40.	37.875	42.	23.	40.696	6.379	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	05/24/89-10/02/96	8 ##	3.	3.	3.	3.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	05/24/89-10/02/96	8 ##	1.5	2.25	6.	1.5	2.571	1.604	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	05/24/89-10/02/96	8 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/24/89-10/02/96	8	33.	30.25	34.	16.	40.5	6.364	**	**	**	**

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

Station: ROMO0063 Parameter Code: 00095

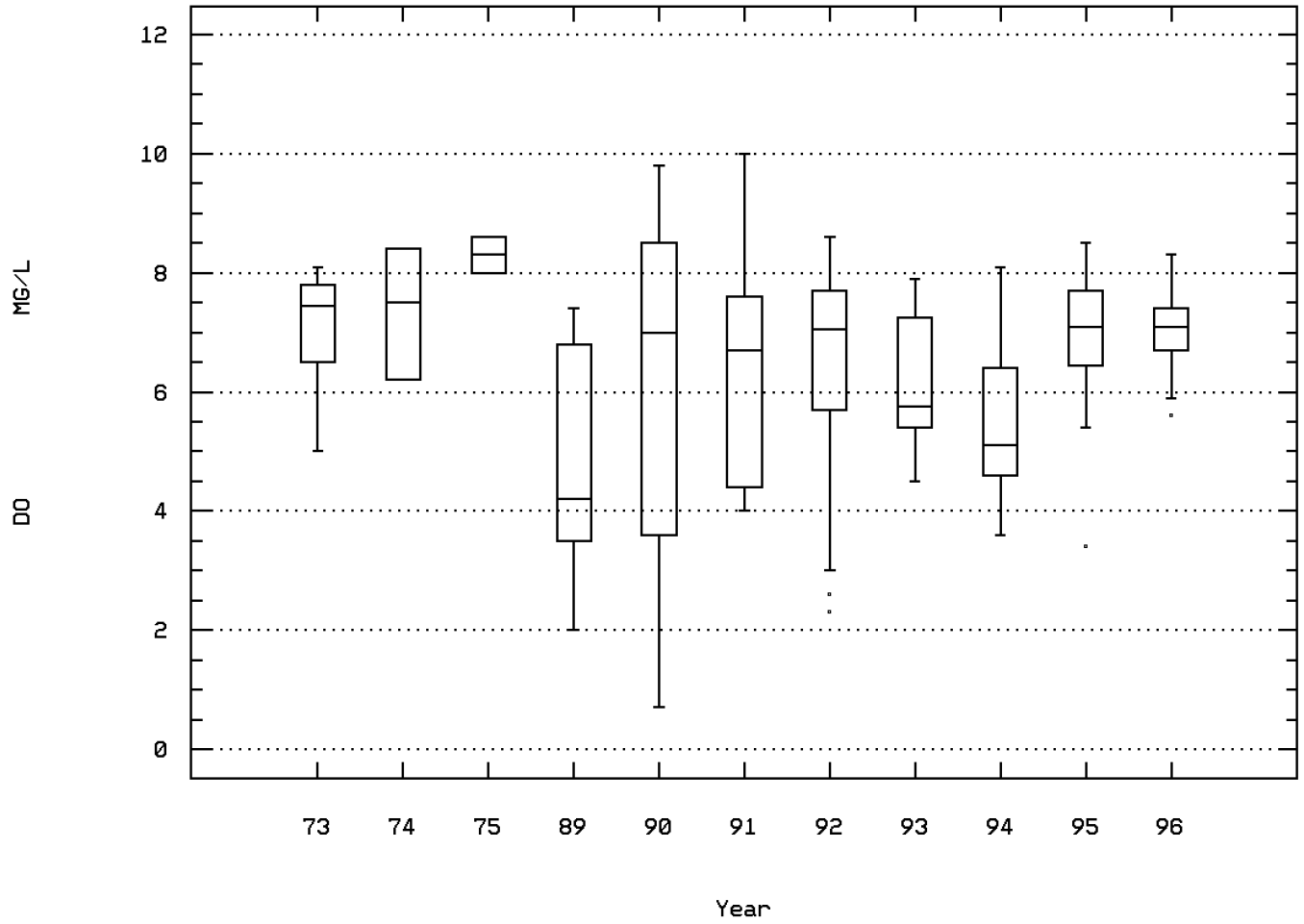
SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)



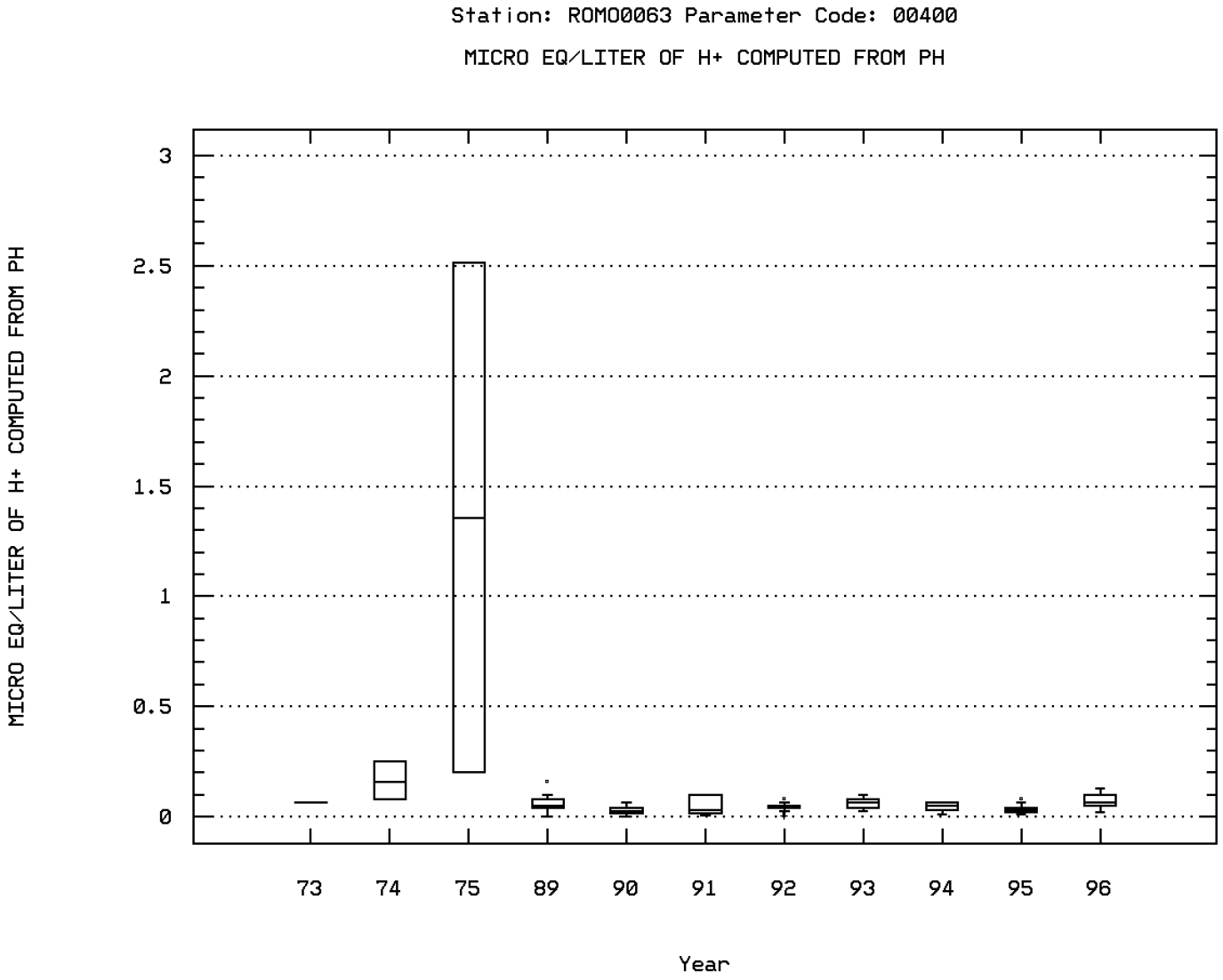
SHADOW MOUNTAIN LAKE NEAR GRAND LAKE, C

Station: ROMO0063 Parameter Code: 00300

OXYGEN, DISSOLVED



SHADOW MOUNTAIN LAKE NEAR GRAND LAKE, C



SHADOW MOUNTAIN LAKE NEAR GRAND LAKE, C

Seasonal Analysis for Season #1: 6/10 to 10/31 - Station ROMO0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/22/73-10/02/96	283	10.	12.684	30.	0.1	104.624	10.229	0.1	0.1	25.	25.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/22/73-10/02/96	282	11.5	11.9	19.4	7.5	7.718	2.778	8.7	9.8	13.3	16.2
00077p	TRANSPARENCY, SECCHI DISC (INCHES)	08/22/73-10/02/96	45	83.	88.2	150.	48.	555.845	23.576	60.8	76.	96.	124.8
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/22/73-10/02/96	289	56.	52.934	76.	26.	109.228	10.451	34.	49.	61.	63.
00300p	OXYGEN, DISSOLVED MG/L	08/22/73-10/02/96	282	6.2	5.916	9.8	0.7	2.908	1.705	3.63	4.7	7.2	7.8
00400p	PH (STANDARD UNITS)	11/13/73-10/02/96	277	7.4	7.461	9.6	6.6	0.237	0.487	7.1	7.2	7.6	8.
00400p	CONVERTED PH (STANDARD UNITS)	11/13/73-10/02/96	277	7.4	7.317	9.6	6.6	0.258	0.508	7.1	7.2	7.6	8.
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/13/73-10/02/96	277	0.04	0.048	0.251	0.	0.001	0.03	0.01	0.025	0.063	0.079
00403	PH, LAB, STANDARD UNITS SU	05/24/89-10/02/96	84	7.25	7.319	9.2	6.5	0.239	0.489	6.9	7.	7.5	7.7
00403	CONVERTED PH, LAB, STANDARD UNITS	05/24/89-10/02/96	84	7.247	7.154	9.2	6.5	0.267	0.516	6.9	7.	7.5	7.7
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/24/89-10/02/96	84	0.057	0.07	0.316	0.001	0.003	0.054	0.02	0.032	0.1	0.126
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	05/24/89-10/02/96	87	0.02	0.022	0.15	0.005	0.001	0.027	0.005	0.008	0.02	0.042
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/13/73-10/21/92	50	0.02	0.031	0.14	0.005	0.001	0.032	0.005	0.01	0.04	0.08
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/24/89-10/02/96	87 ##	0.005	0.005	0.01	0.005	0.	0.001	0.005	0.005	0.005	0.005
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/13/73-10/02/96	88	0.3	0.276	0.8	0.1	0.025	0.158	0.1	0.1	0.4	0.5
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/13/73-10/21/92	38 ##	0.025	0.041	0.11	0.003	0.001	0.031	0.003	0.025	0.06	0.11
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/22/73-10/02/96	89 ##	0.05	0.043	0.1	0.003	0.001	0.025	0.025	0.025	0.06	0.09
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	11/13/73-10/02/96	88	0.011	0.016	0.06	0.005	0.	0.012	0.005	0.005	0.02	0.03
00666p	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/22/73-10/02/96	81 ##	0.005	0.007	0.05	0.005	0.	0.006	0.005	0.005	0.005	0.01
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/22/73-10/02/96	89 ##	0.005	0.006	0.04	0.001	0.	0.005	0.005	0.005	0.005	0.01
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	08/22/73-10/02/96	86	6.9	6.519	8.2	3.6	1.567	1.252	4.37	5.6	7.5	7.8
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/22/73-10/02/96	86	1.3	1.199	1.4	0.7	0.036	0.191	0.9	1.075	1.3	1.4
00930p	SODIUM, DISSOLVED (MG/L AS NA)	08/22/73-10/02/96	86	2.15	2.027	3.1	1.1	0.185	0.43	1.3	1.775	2.3	2.4
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	08/22/73-10/02/96	86	0.7	0.676	1.	0.4	0.012	0.111	0.5	0.6	0.8	0.8
00940p	CHLORIDE,TOTAL IN WATER MG/L	08/22/73-10/02/96	86	0.4	0.383	1.	0.05	0.051	0.227	0.085	0.2	0.5	0.7
00945p	SULFATE, TOTAL (MG/L AS SO4)	08/22/73-10/02/96	86	3.	2.93	4.	2.	0.23	0.48	2.	3.	3.	3.
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	08/22/73-10/02/96	86	0.1	0.133	0.3	0.05	0.004	0.06	0.1	0.1	0.2	0.2
00955p	SILICA, DISSOLVED (MG/L AS SI02)	08/22/73-10/02/96	87	5.9	5.94	8.	3.4	1.226	1.107	4.58	5.2	6.9	7.4
01005	BARIUM, DISSOLVED (UG/L AS BA)	05/24/89-10/02/96	85	7.	6.682	10.	1.	3.362	1.834	4.	6.	8.	8.
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	05/24/89-10/02/96	85 ##	0.25	0.311	0.8	0.25	0.026	0.162	0.25	0.25	0.25	0.64
01020	BORON, DISSOLVED (UG/L AS B)	05/24/89-10/02/96	85 ##	5.	5.224	20.	2.	4.39	2.095	5.	5.	5.	5.
01025	CADMIUM, DISSOLVED (UG/L AS CD)	05/24/89-10/02/96	85 ##	0.5	0.612	3.	0.5	0.157	0.396	0.5	0.5	0.5	1.
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/24/89-10/02/96	85 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
01035	COBALT, DISSOLVED (UG/L AS CO)	05/24/89-10/02/96	85 ##	1.5	1.5	1.5	1.5	0.	0.	1.5	1.5	1.5	1.5
01040	COPPER, DISSOLVED (UG/L AS CU)	05/24/89-10/02/96	85 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01046p	IRON, DISSOLVED (UG/L AS FE)	08/22/73-10/02/96	87	49.	72.	1000.	7.	12231.907	110.598	16.	28.	85.	122.
01049p	LEAD, DISSOLVED (UG/L AS PB)	11/13/73-10/02/96	86 ##	5.	5.116	10.	0.	1.163	1.078	5.	5.	5.	5.
01056p	MANGANESE, DISSOLVED (UG/L AS MN)	08/22/73-10/02/96	81	7.	28.42	170.	0.5	1634.859	40.433	1.	3.	45.	86.6
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	05/24/89-10/02/96	85 ##	5.	5.059	10.	5.	0.294	0.542	5.	5.	5.	5.
01065p	NICKEL, DISSOLVED (UG/L AS NI)	11/13/73-10/02/96	86 ##	5.	4.942	5.	0.	0.291	0.539	5.	5.	5.	5.
01075	SILVER, DISSOLVED (UG/L AS AG)	05/24/89-10/02/96	85 ##	0.5	0.552	5.	0.	0.574	0.758	0.1	0.1	0.5	2.
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	05/24/89-10/02/96	85	42.	37.965	52.	20.	76.273	8.733	23.6	31.	45.	47.
01085	VANADIUM, DISSOLVED (UG/L AS V)	05/24/89-10/02/96	85 ##	3.	3.	3.	3.	0.	0.	3.	3.	3.	3.
01090	ZINC, DISSOLVED (UG/L AS ZN)	05/24/89-10/02/96	85	4.	5.106	29.	1.5	22.602	4.754	1.5	1.5	7.	11.4
01130	LITHIUM, DISSOLVED (UG/L AS LI)	05/24/89-10/02/96	85 ##	2.	2.035	5.	2.	0.106	0.325	2.	2.	2.	2.
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	05/24/89-10/02/96	27 ##	0.5	1.352	10.	0.5	4.939	2.222	0.5	0.5	1.	4.6
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	05/24/89-10/02/96	27 ##	-0.301	-0.11	1.	-0.301	0.137	0.37	-0.301	-0.301	0.	0.651
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			0.776								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/24/89-10/02/96	85	36.	35.671	54.	8.	82.224	9.068	24.	30.	41.	48.4
70953	CHLOROPHYLL-A,PHYTOPLANKTON UG/L,CHROMO-FLUORO	05/24/89-10/02/96	43	2.8	3.872	23.	0.	18.675	4.321	0.32	1.1	4.6	7.6
70954	CHLOROPHYLL-B,PHYTOPLANKTON UG/L,CHROMO-FLUORO	05/24/89-10/02/96	43 ##	0.05	0.124	0.5	0.	0.016	0.127	0.05	0.05	0.2	0.36

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

Seasonal Analysis for Season #2: 11/01 to 4/10 - Station ROMO0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/22/73-10/02/96	3	2.	2.	2.	2.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/22/73-10/02/96	3	0.	1.667	5.	0.	8.333	2.887	**	**	**	**
00077p	TRANSPARENCY, SECCHI DISC (INCHES)	08/22/73-10/02/96	1	83.	83.	83.	83.	0.	0.	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/22/73-10/02/96	3	60.	58.333	60.	55.	8.333	2.887	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	08/22/73-10/02/96	3	7.8	7.767	8.	7.5	0.063	0.252	**	**	**	**
00400p	PH (STANDARD UNITS)	11/13/73-10/02/96	3	7.1	7.	7.2	6.7	0.07	0.265	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	11/13/73-10/02/96	3	7.1	6.943	7.2	6.7	0.075	0.274	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/13/73-10/02/96	3	0.079	0.114	0.2	0.063	0.006	0.075	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/13/73-10/21/92	3	0.01	0.015	0.03	0.005	0.	0.013	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/13/73-10/02/96	3	0.24	0.237	0.26	0.21	0.001	0.025	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/13/73-10/21/92	3	0.06	0.063	0.09	0.04	0.001	0.025	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	11/13/73-10/02/96	3	0.01	0.015	0.03	0.005	0.	0.013	**	**	**	**
01049p	LEAD, DISSOLVED (UG/L AS PB)	11/13/73-10/02/96	3	5.	4.	6.	1.	7.	2.646	**	**	**	**
01065p	NICKEL, DISSOLVED (UG/L AS NI)	11/13/73-10/02/96	3 ##	1.	2.	5.	0.	7.	2.646	**	**	**	**

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

Seasonal Analysis for Season #3: 4/11 to 6/09 - Station ROMO0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/22/73-10/02/96	60	12.5	14.46	80.	0.1	253.604	15.925	0.1	0.1	22.75	28.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/22/73-10/02/96	60	9.8	9.588	12.2	6.8	2.486	1.577	7.5	8.3	11.15	11.8
00077p	TRANSPARENCY, SECCHI DISC (INCHES)	08/22/73-10/02/96	12	74.5	74.083	93.	42.	267.72	16.362	46.2	61.5	91.	93.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/22/73-10/02/96	60	56.5	56.533	67.	42.	46.49	6.818	44.7	52.	61.75	66.9
00300p	OXYGEN, DISSOLVED MG/L	08/22/73-10/02/96	60	7.9	7.793	10.	4.2	1.728	1.314	6.15	7.325	8.5	9.78
00400p	PH (STANDARD UNITS)	11/13/73-10/02/96	53	7.4	7.442	8.1	5.6	0.159	0.399	6.88	7.3	7.65	7.86
00400p	CONVERTED PH (STANDARD UNITS)	11/13/73-10/02/96	53	7.4	7.046	8.1	5.6	0.319	0.564	6.88	7.3	7.65	7.86
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/13/73-10/02/96	53	0.04	0.09	2.512	0.008	0.116	0.341	0.014	0.023	0.05	0.135
00403	PH, LAB, STANDARD UNITS SU	05/24/89-10/02/96	20	7.65	7.56	7.9	7.	0.068	0.26	7.3	7.3	7.8	7.89
00403	CONVERTED PH, LAB, STANDARD UNITS	05/24/89-10/02/96	20	7.647	7.482	7.9	7.	0.074	0.272	7.3	7.3	7.8	7.89
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/24/89-10/02/96	20	0.023	0.033	0.1	0.013	0.	0.022	0.013	0.016	0.05	0.05
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	05/24/89-10/02/96	20 ##	0.006	0.012	0.03	0.005	0.	0.009	0.005	0.005	0.02	0.029
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/13/73-10/21/92	18	0.015	0.016	0.06	0.005	0.	0.014	0.005	0.005	0.02	0.033
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/24/89-10/02/96	20 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/13/73-10/02/96	22	0.4	0.478	3.7	0.1	0.543	0.737	0.1	0.2	0.433	0.6
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/13/73-10/21/92	10 ##	0.023	0.018	0.05	0.003	0.	0.016	0.003	0.003	0.025	0.048
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/22/73-10/02/96	20 ##	0.038	0.036	0.1	0.003	0.001	0.025	0.003	0.025	0.05	0.059
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	11/13/73-10/02/96	22	0.02	0.021	0.03	0.01	0.	0.008	0.01	0.012	0.03	0.03
00666p	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/22/73-10/02/96	16 ##	0.005	0.006	0.01	0.005	0.	0.002	0.005	0.005	0.005	0.01
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/22/73-10/02/96	20 ##	0.005	0.004	0.005	0.001	0.	0.002	0.001	0.005	0.005	0.005
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	08/22/73-10/02/96	20	6.95	6.94	8.3	5.7	0.773	0.879	5.71	6.4	7.5	8.3
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/22/73-10/02/96	20	1.35	1.395	1.6	1.2	0.025	0.157	1.2	1.3	1.6	1.6
00930p	SODIUM, DISSOLVED (MG/L AS NA)	08/22/73-10/02/96	20	2.1	2.26	2.8	1.9	0.108	0.328	1.9	2.	2.475	2.8
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	08/22/73-10/02/96	20	0.9	0.97	1.5	0.8	0.043	0.208	0.8	0.8	1.	1.46
00940p	CHLORIDE,TOTAL IN WATER MG/L	08/22/73-10/02/96	20	0.4	0.46	1.	0.05	0.097	0.311	0.065	0.2	0.5	1.
00945p	SULFATE, TOTAL (MG/L AS SO4)	08/22/73-10/02/96	20	3.5	3.5	4.	3.	0.263	0.513	3.	3.	4.	4.
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	08/22/73-10/02/96	20	0.15	0.15	0.2	0.1	0.003	0.051	0.1	0.1	0.2	0.2
00955p	SILICA, DISSOLVED (MG/L AS SI02)	08/22/73-10/02/96	20	6.05	6.1	7.5	5.2	0.599	0.774	5.21	5.4	6.675	7.47
01005	BARIUM, DISSOLVED (UG/L AS BA)	05/24/89-10/02/96	20	7.5	7.5	9.	5.	1.737	1.318	5.1	7.	9.	9.
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	05/24/89-10/02/96	20 ##	0.25	0.275	0.5	0.25	0.006	0.077	0.25	0.25	0.25	0.475
01020	BORON, DISSOLVED (UG/L AS B)	05/24/89-10/02/96	20 ##	5.	6.5	20.	5.	21.316	4.617	5.	5.	5.	18.5
01025	CADMIUM, DISSOLVED (UG/L AS CD)	05/24/89-10/02/96	20 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	05/24/89-10/02/96	20 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
01035	COBALT, DISSOLVED (UG/L AS CO)	05/24/89-10/02/96	20 ##	1.5	1.5	1.5	1.5	0.	0.	1.5	1.5	1.5	1.5
01040	COPPER, DISSOLVED (UG/L AS CU)	05/24/89-10/02/96	20 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01046p	IRON, DISSOLVED (UG/L AS FE)	08/22/73-10/02/96	20	130.	125.4	260.	35.	2998.568	54.759	39.6	85.	160.	189.
01049p	LEAD, DISSOLVED (UG/L AS PB)	11/13/73-10/02/96	22 ##	5.	5.318	10.	3.	2.513	1.585	4.3	5.	5.	8.5

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

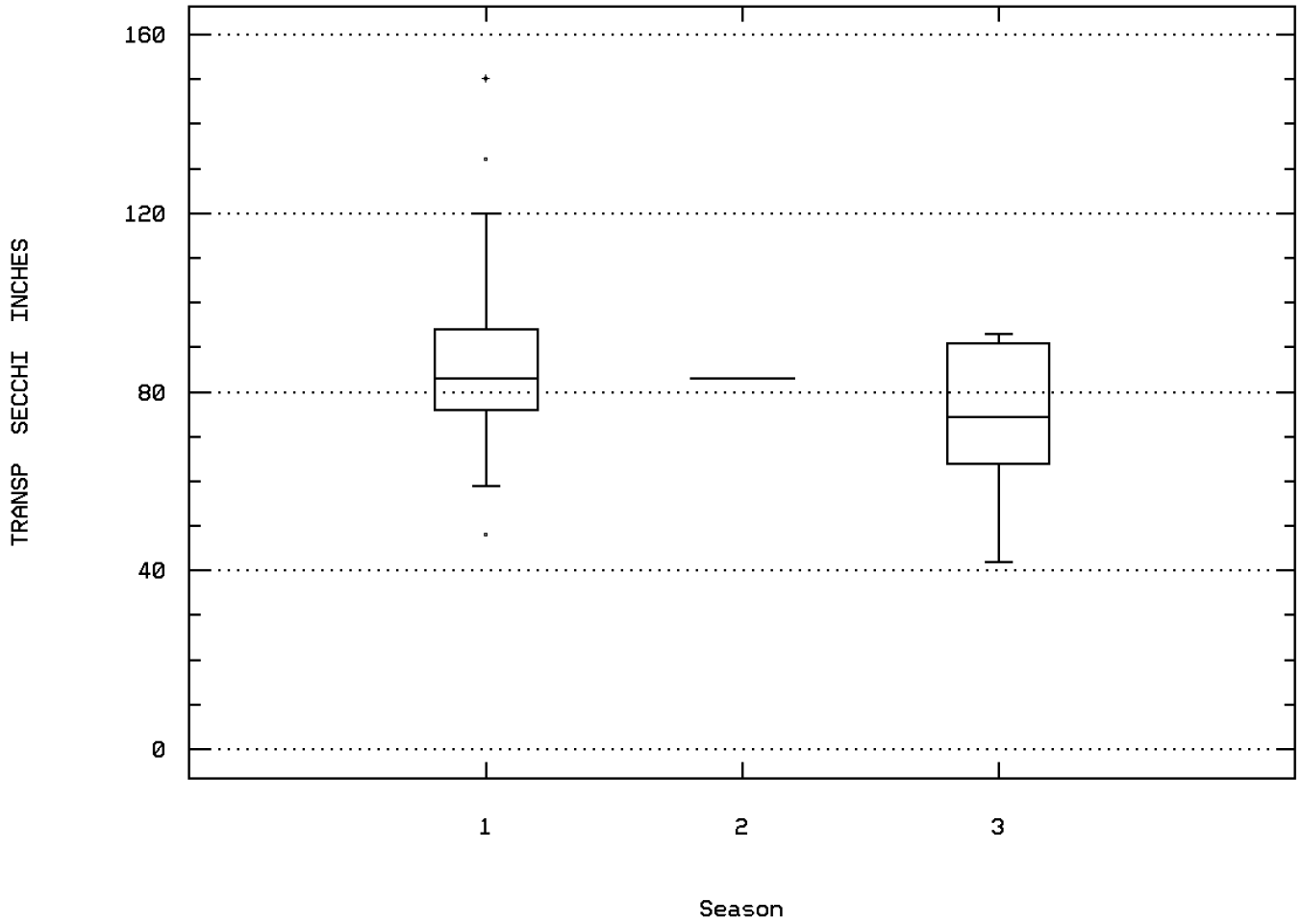
Seasonal Analysis for Season #3: 4/11 to 6/09 - Station ROMO0063

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01056p	MANGANESE, DISSOLVED (UG/L AS MN)	08/22/73-10/02/96	20	49.	36.15	75.	2.	760.555	27.578	3.	3.5	59.	73.8
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	05/24/89-10/02/96	20 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01065p	NICKEL, DISSOLVED (UG/L AS NI)	11/13/73-10/02/96	22 ##	5.	4.591	5.	0.	1.777	1.333	2.2	5.	5.	5.
01075	SILVER, DISSOLVED (UG/L AS AG)	05/24/89-10/02/96	21 ##	0.5	1.545	11.	0.1	10.134	3.183	0.13	0.25	0.5	9.2
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	05/24/89-10/02/96	20	39.	39.55	47.	32.	26.471	5.145	32.2	36.	45.	47.
01085	VANADIUM, DISSOLVED (UG/L AS V)	05/24/89-10/02/96	20 ##	3.	3.	3.	3.	0.	0.	3.	3.	3.	3.
01090	ZINC, DISSOLVED (UG/L AS ZN)	05/24/89-10/02/96	20 ##	2.25	3.35	7.	1.5	5.476	2.34	1.5	1.5	6.5	7.
01130	LITHIUM, DISSOLVED (UG/L AS LI)	05/24/89-10/02/96	20 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	05/24/89-10/02/96	8 ##	0.5	0.75	2.	0.5	0.286	0.535	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	05/24/89-10/02/96	8 ##	-0.301	-0.188	0.301	-0.301	0.05	0.224	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			0.648								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/24/89-10/02/96	20	40.	38.	44.	28.	24.316	4.931	28.4	34.	42.	43.
70953	CHLOROPHYLL-A,PHYTOPLANKTON UG/L,CHROMO-FLUORO	05/24/89-10/02/96	10	2.3	2.64	4.6	1.4	1.56	1.249	1.4	1.55	3.7	4.6
70954	CHLOROPHYLL-B,PHYTOPLANKTON UG/L,CHROMO-FLUORO	05/24/89-10/02/96	10 ##	0.05	0.1	0.2	0.05	0.005	0.071	0.05	0.05	0.2	0.2

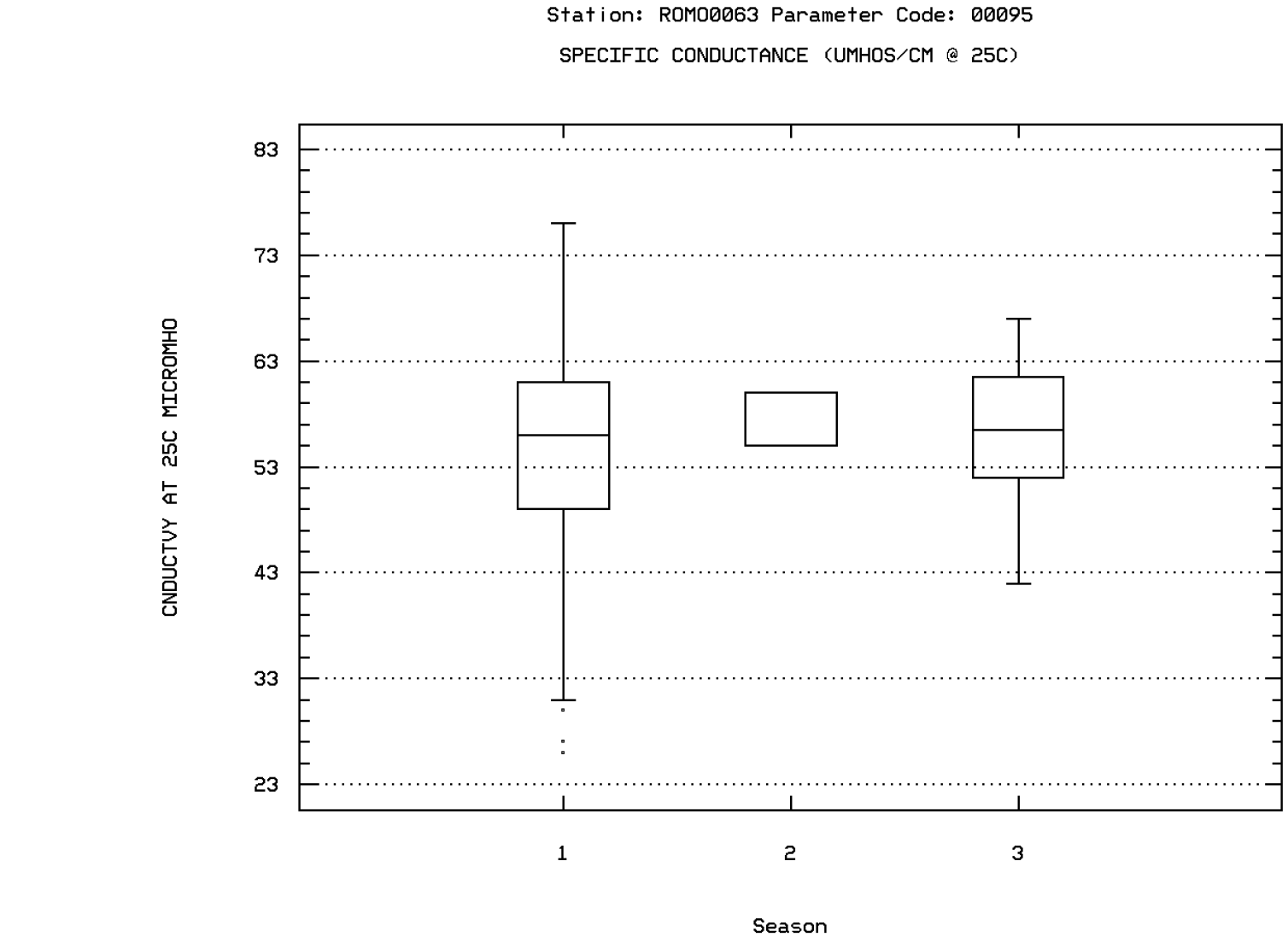
** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: ROMO0063 Parameter Code: 00077

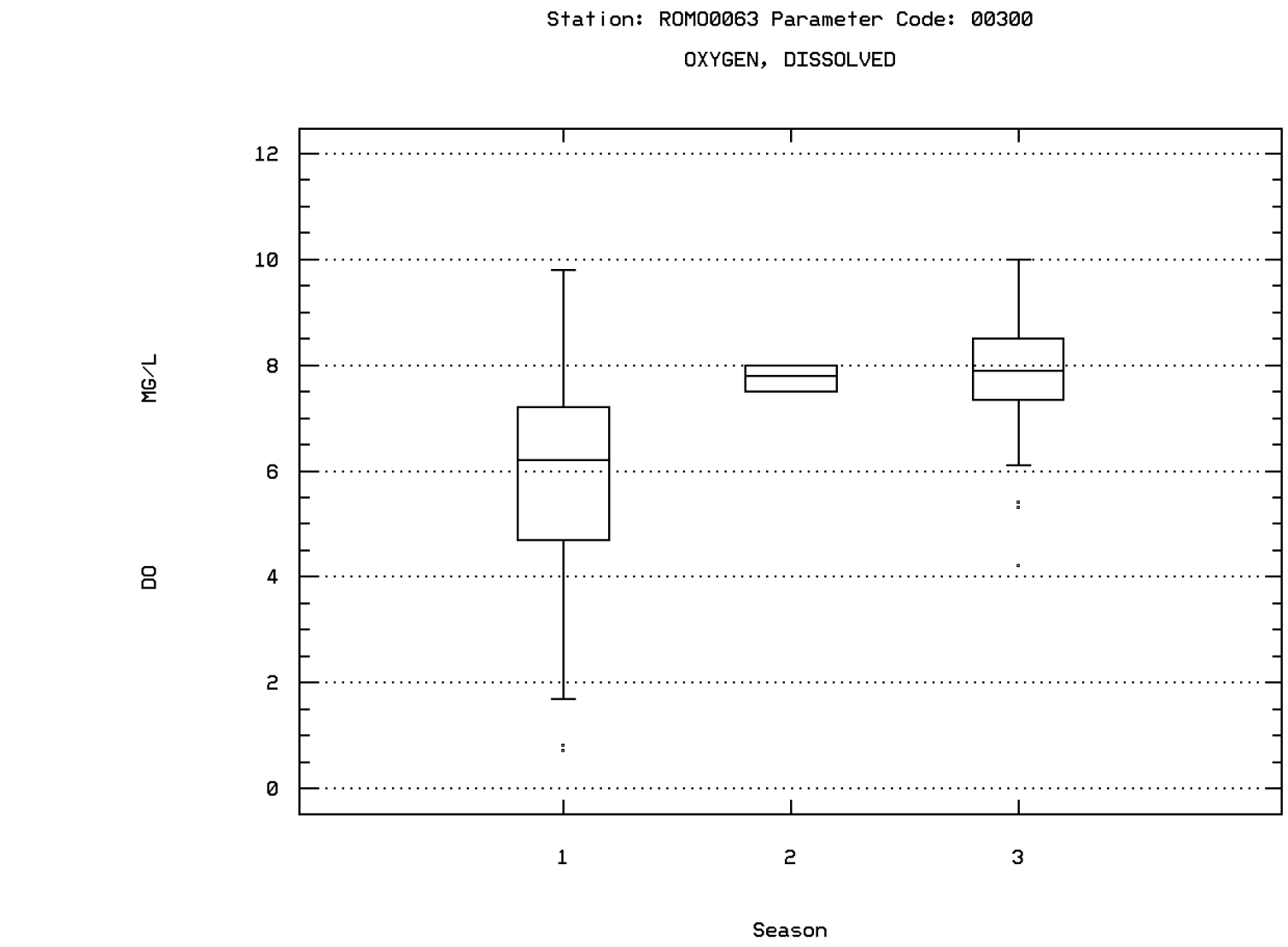
TRANSPARENCY, SECCHI DISC (INCHES)



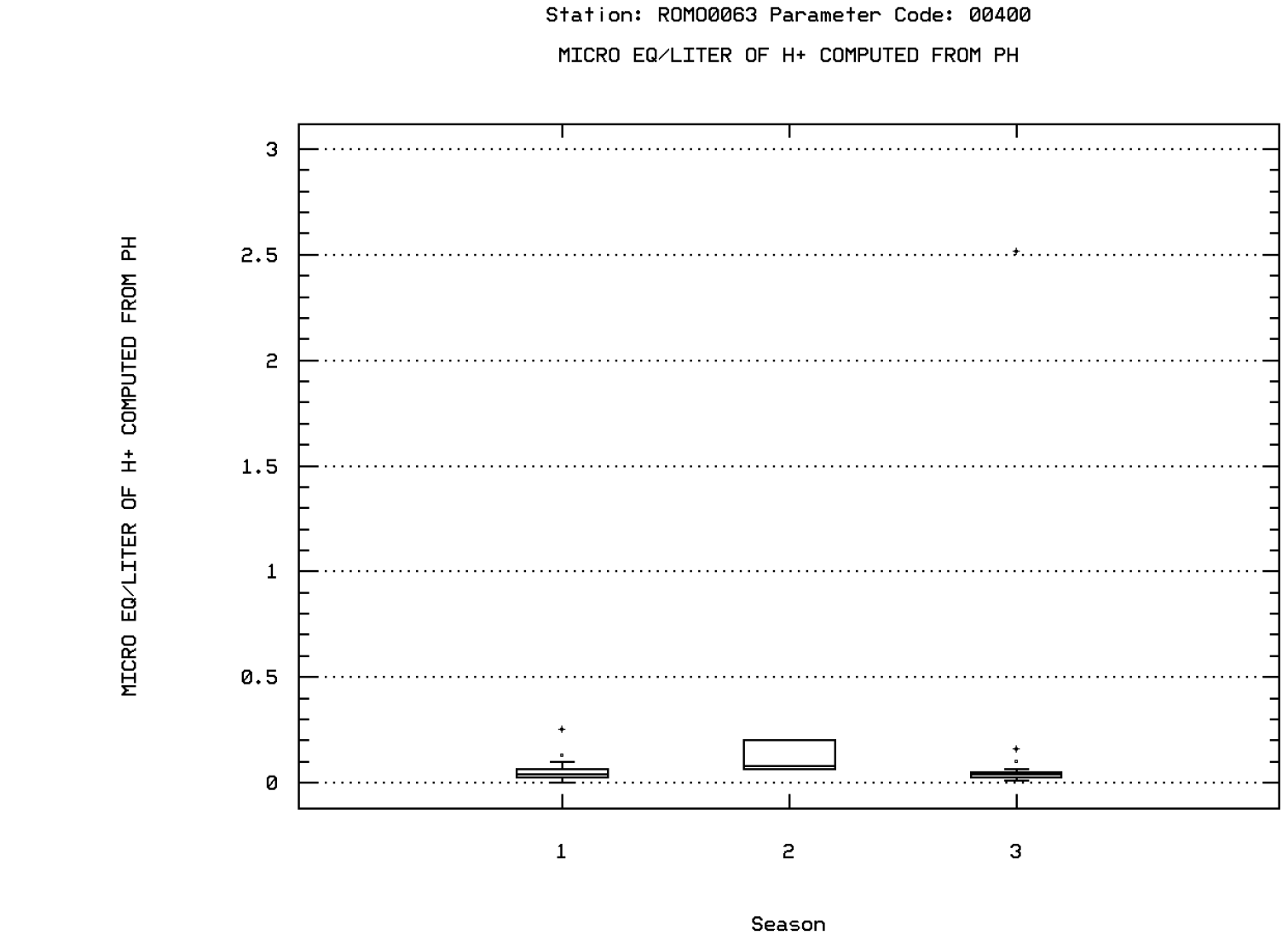
SHADOW MOUNTAIN LAKE NEAR GRAND LAKE, C



SHADOW MOUNTAIN LAKE NEAR GRAND LAKE, C



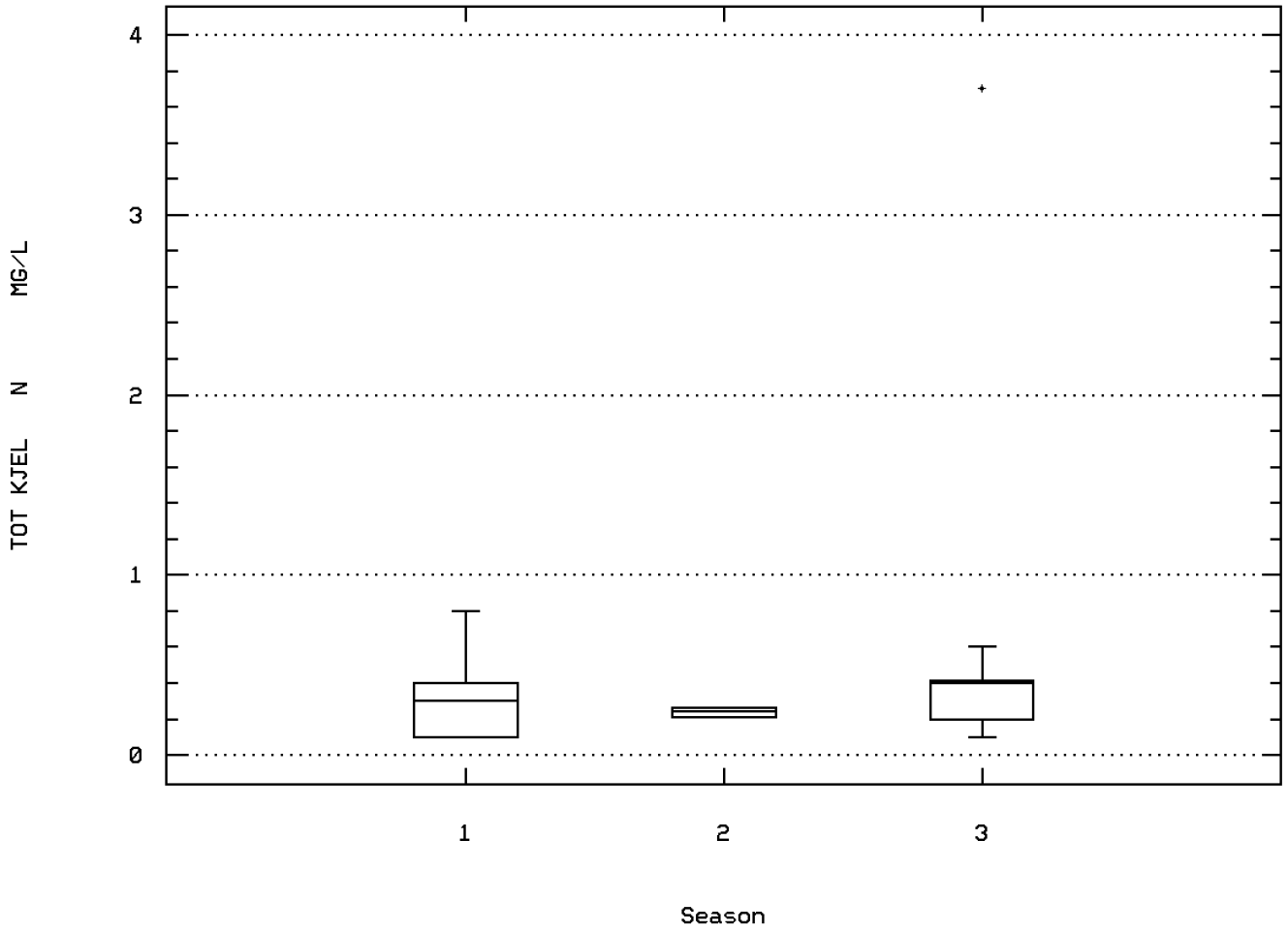
SHADOW MOUNTAIN LAKE NEAR GRAND LAKE, C



SHADOW MOUNTAIN LAKE NEAR GRAND LAKE, C

Station: ROMO0063 Parameter Code: 00625

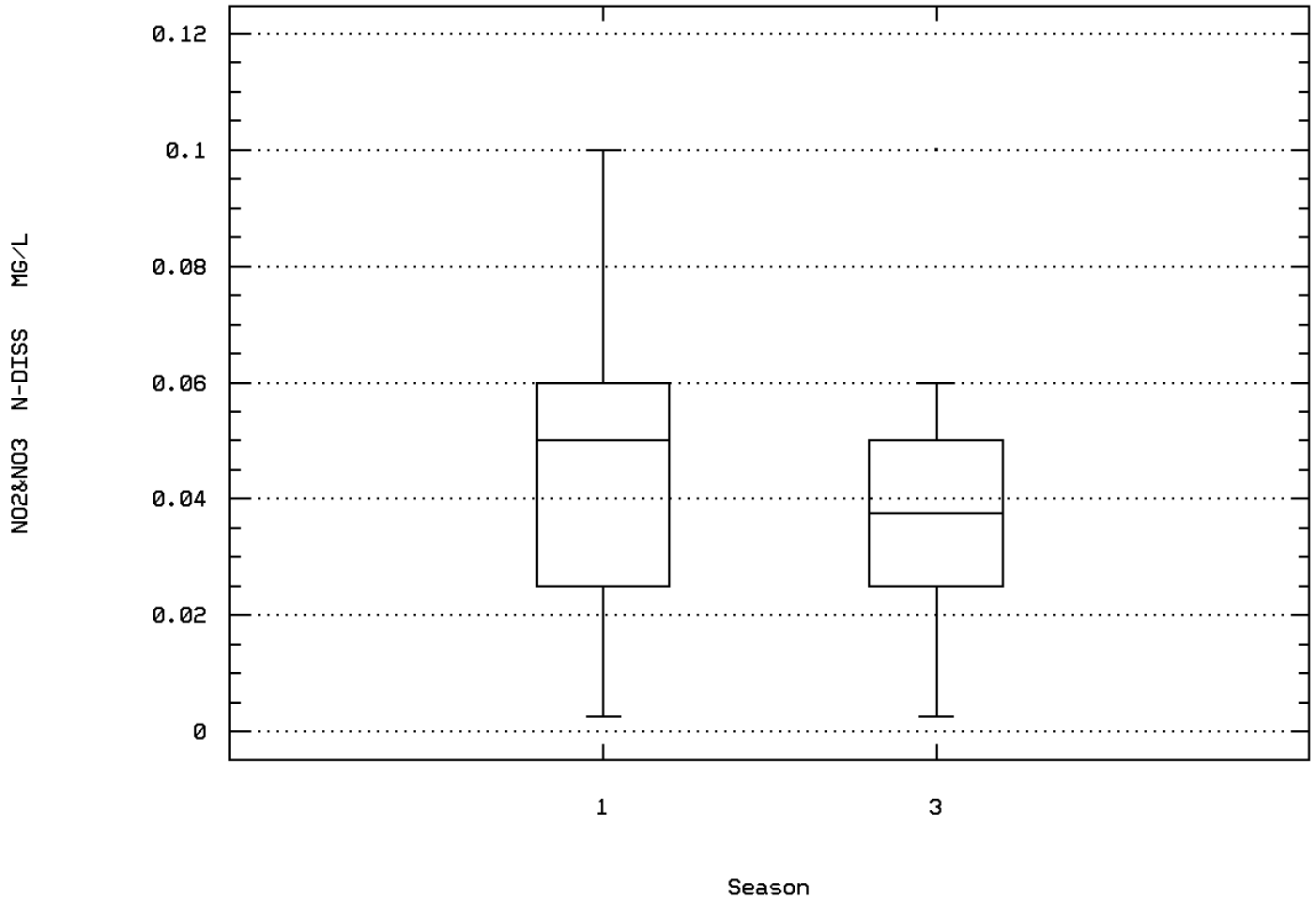
NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)



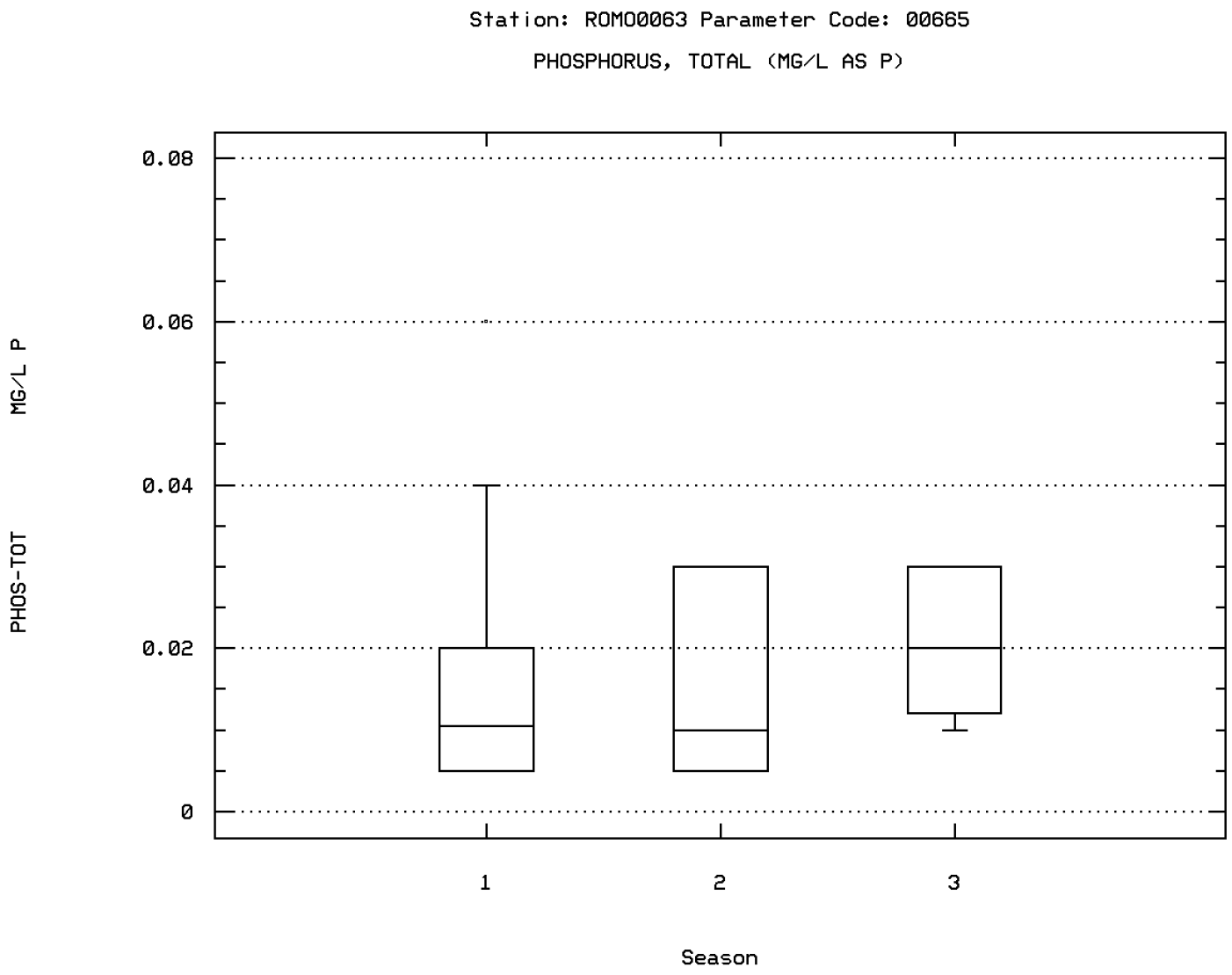
SHADOW MOUNTAIN LAKE NEAR GRAND LAKE, C

Station: ROMO0063 Parameter Code: 00631

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



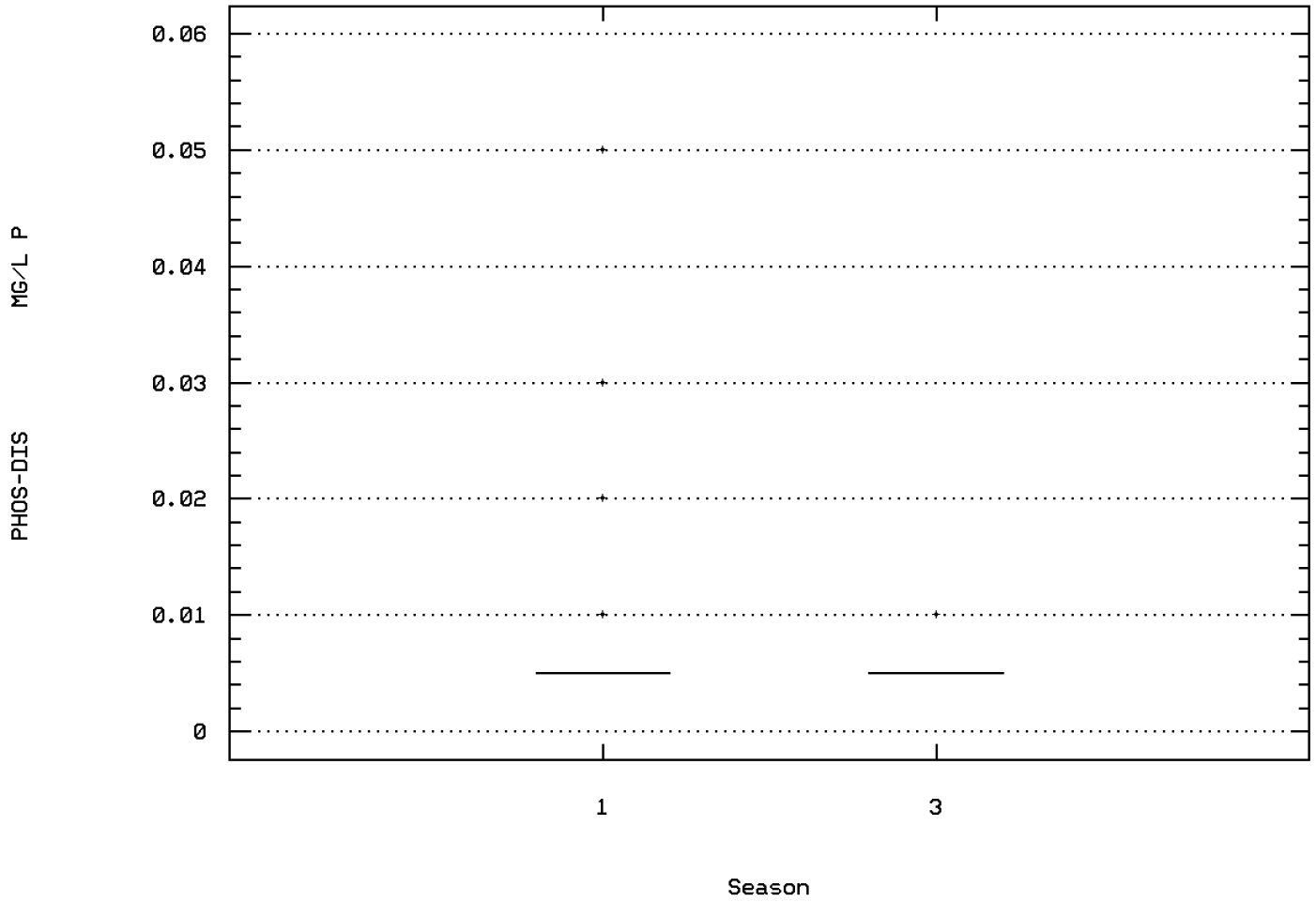
SHADOW MOUNTAIN LAKE NEAR GRAND LAKE, C



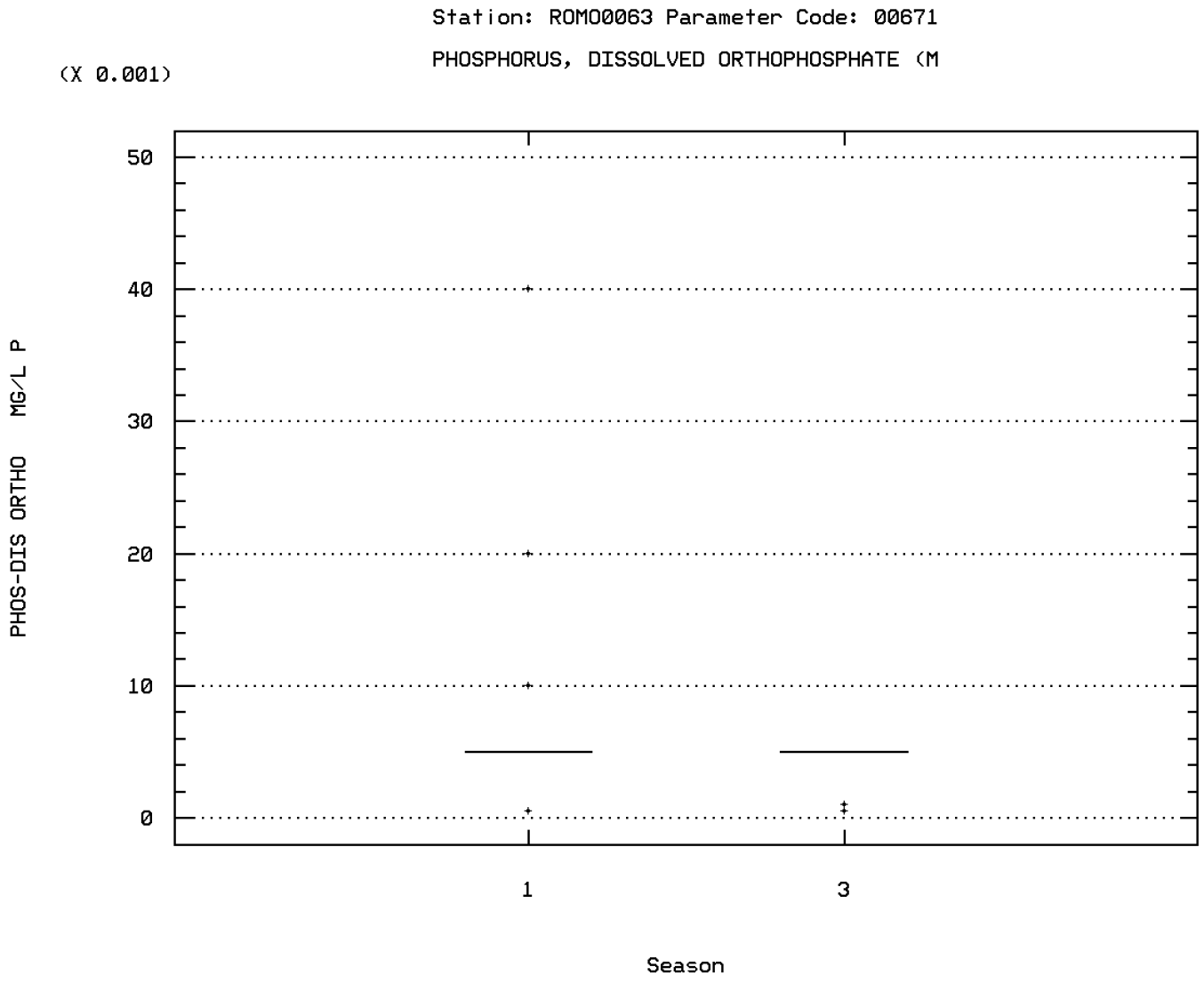
SHADOW MOUNTAIN LAKE NEAR GRAND LAKE, C

Station: ROMO0063 Parameter Code: 00666

PHOSPHORUS, DISSOLVED (MG/L AS P)



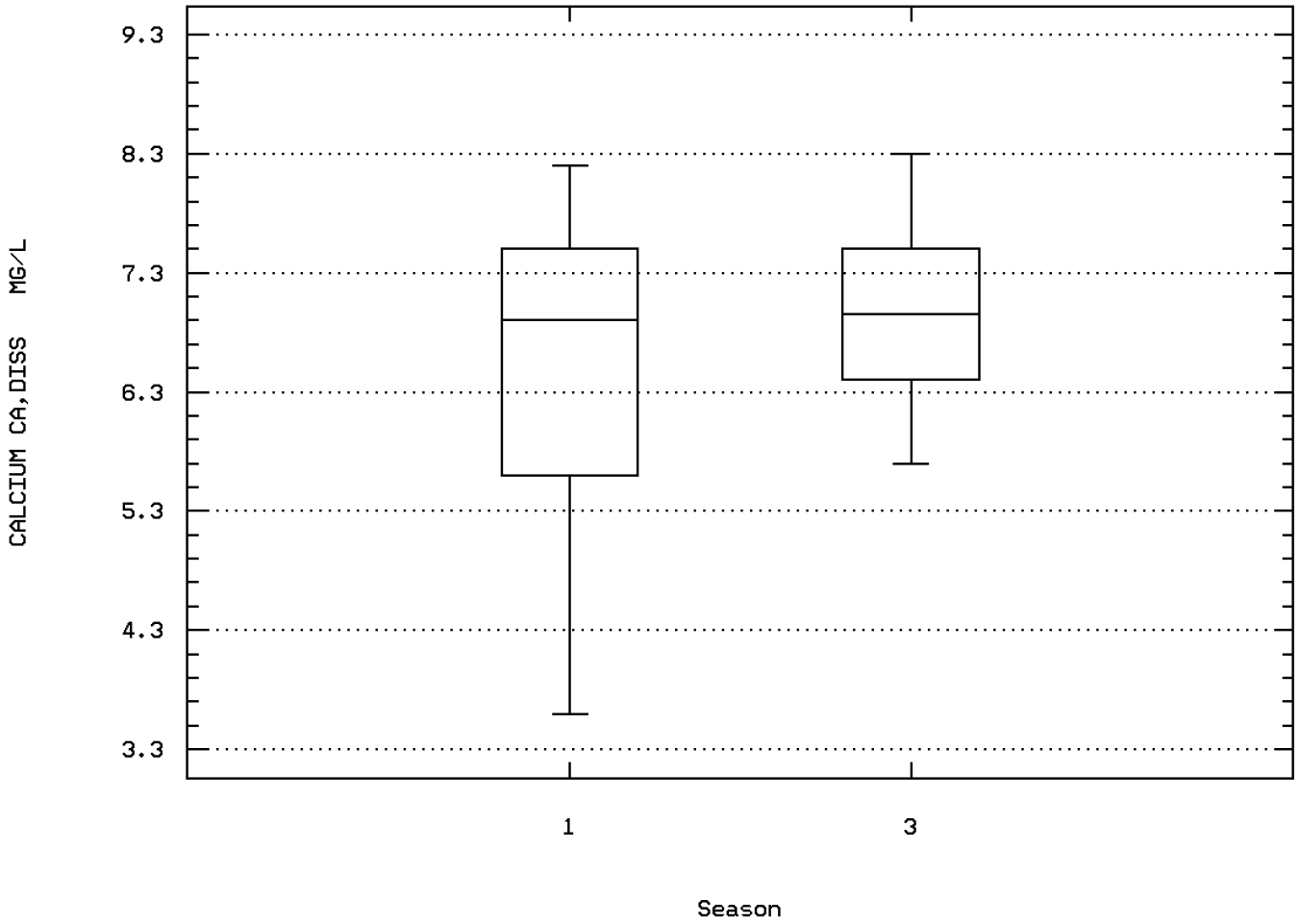
SHADOW MOUNTAIN LAKE NEAR GRAND LAKE, C



SHADOW MOUNTAIN LAKE NEAR GRAND LAKE, C

Station: ROMO0063 Parameter Code: 00915

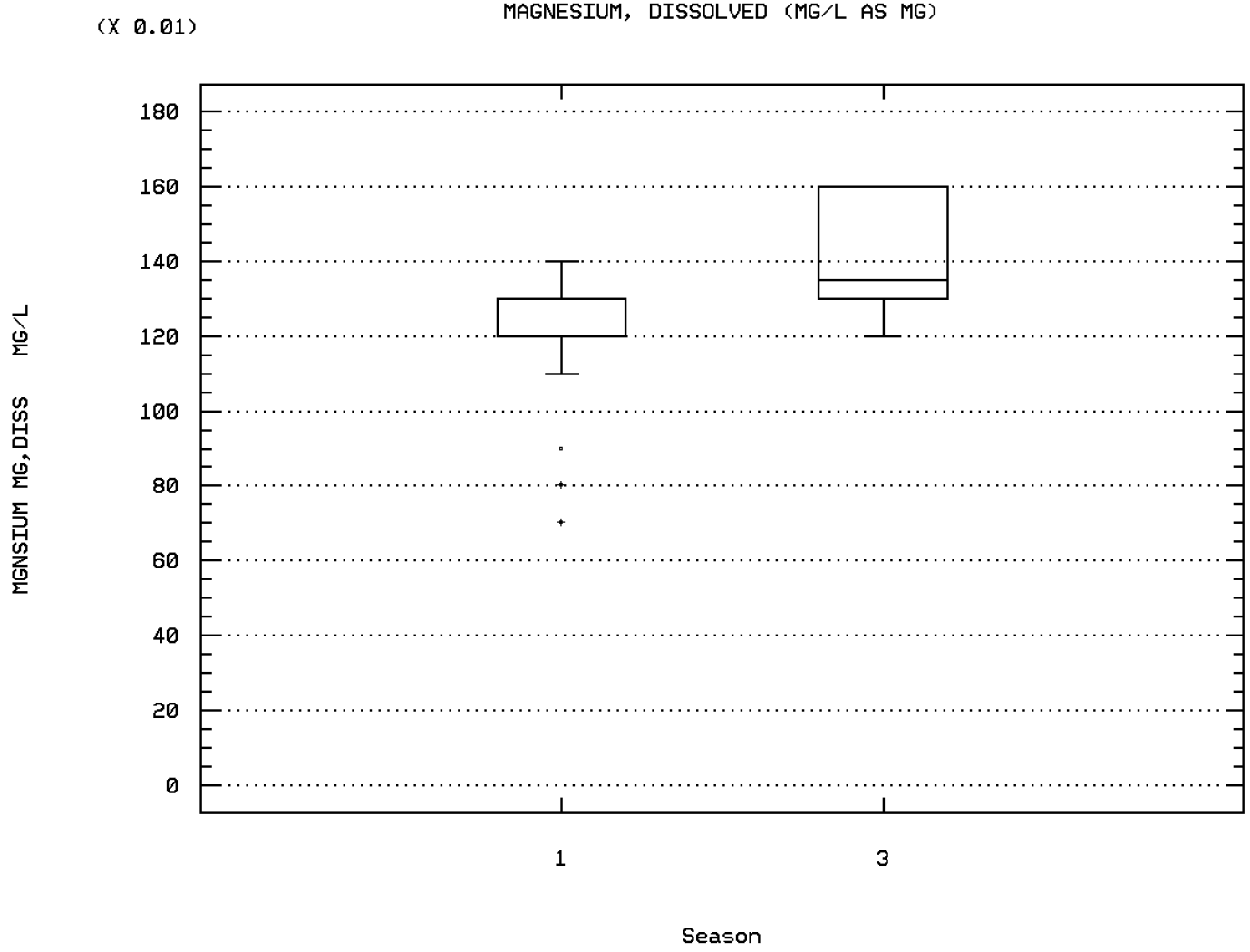
CALCIUM, DISSOLVED (MG/L AS CA)



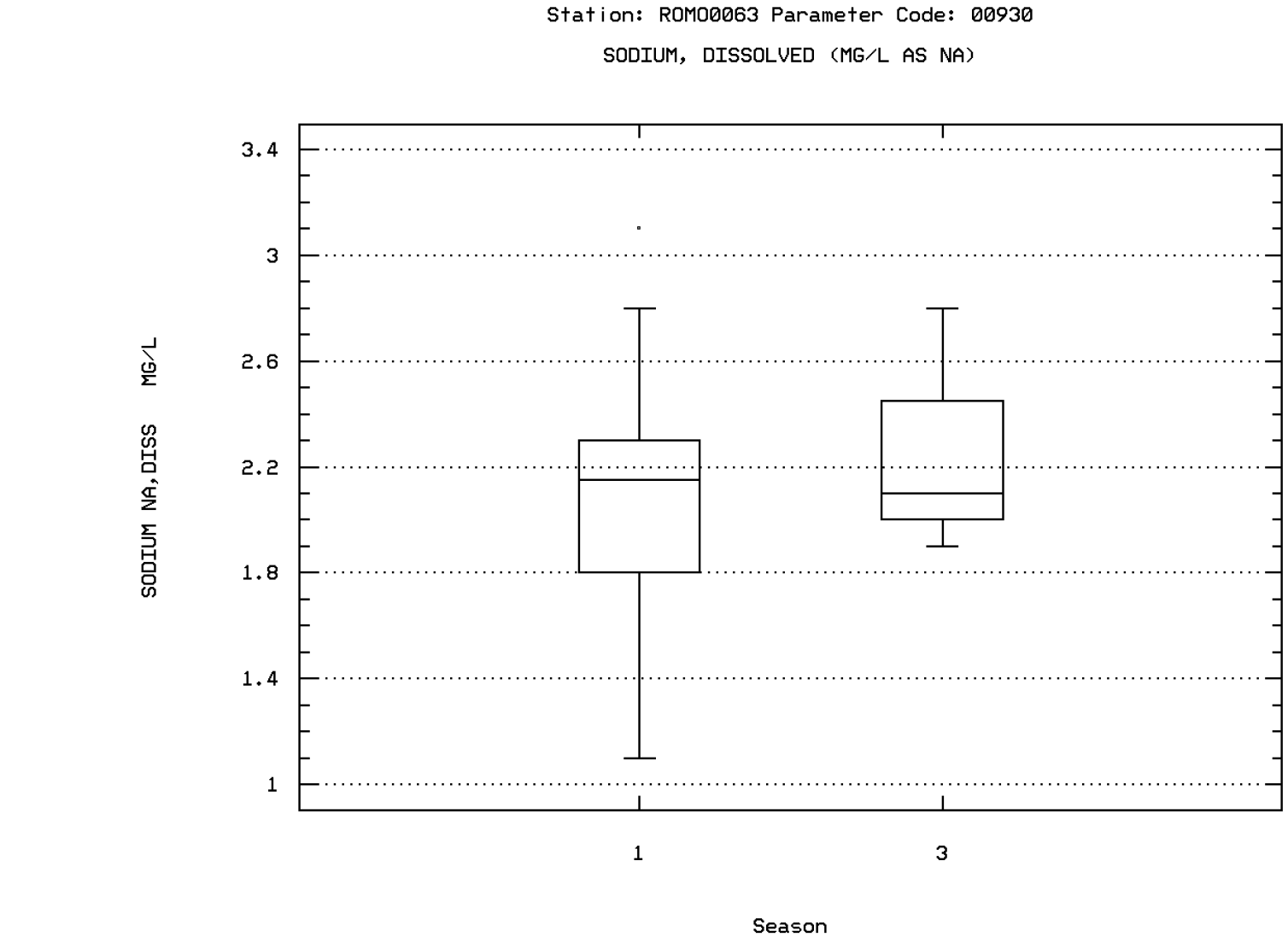
SHADOW MOUNTAIN LAKE NEAR GRAND LAKE, C

Station: ROMO0063 Parameter Code: 00925

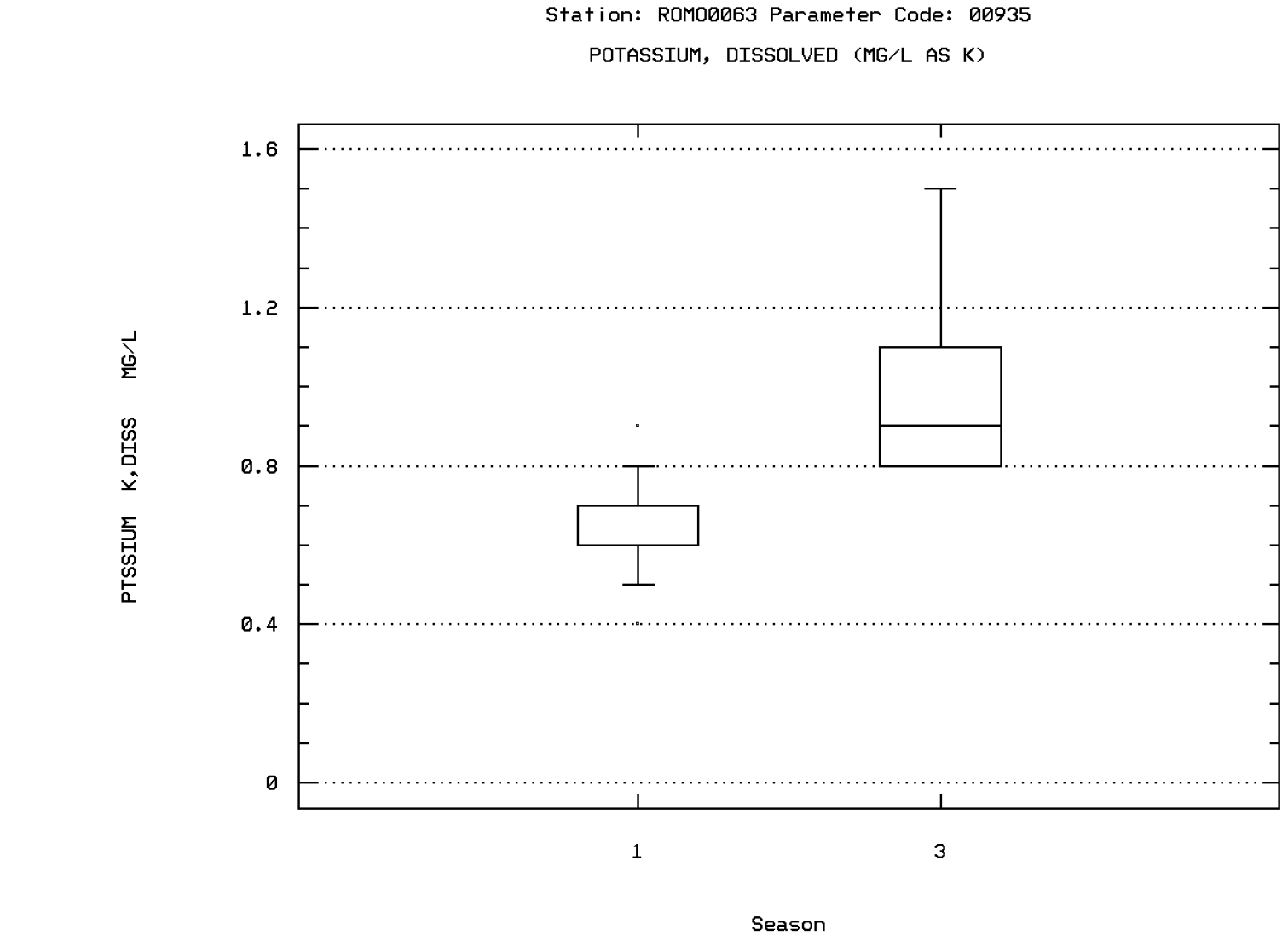
MAGNESIUM, DISSOLVED (MG/L AS MG)



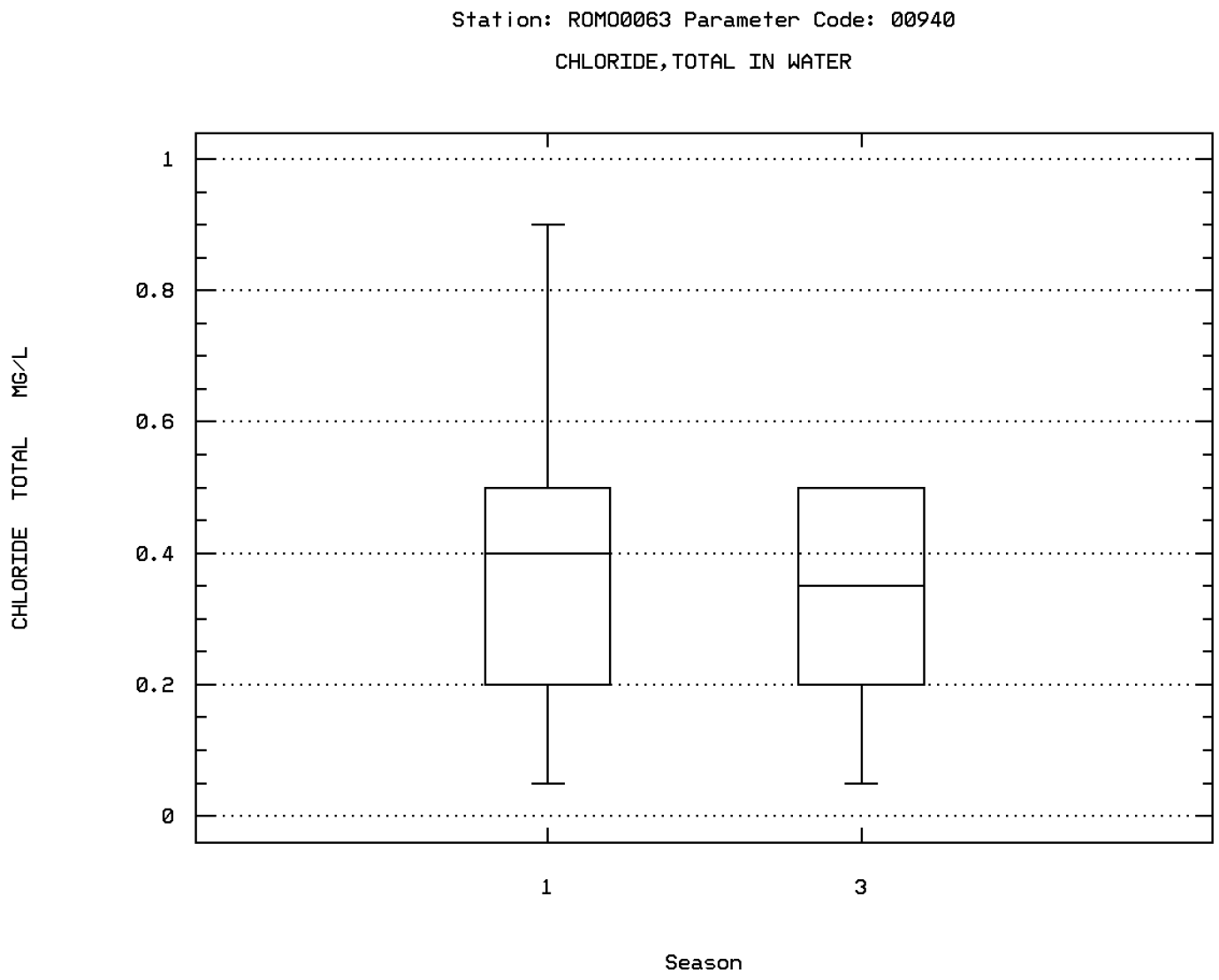
SHADOW MOUNTAIN LAKE NEAR GRAND LAKE, C



SHADOW MOUNTAIN LAKE NEAR GRAND LAKE, C



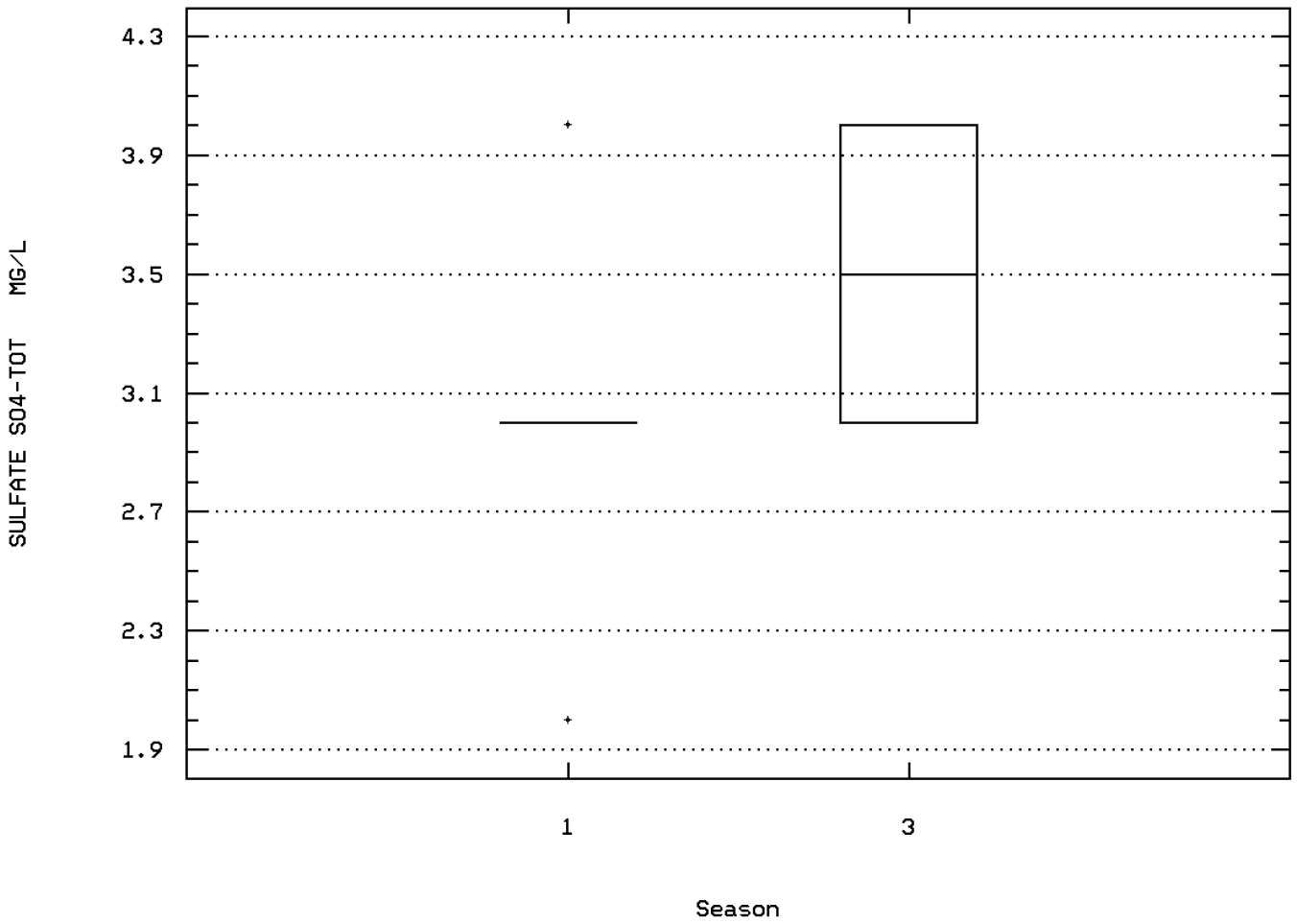
SHADOW MOUNTAIN LAKE NEAR GRAND LAKE, C



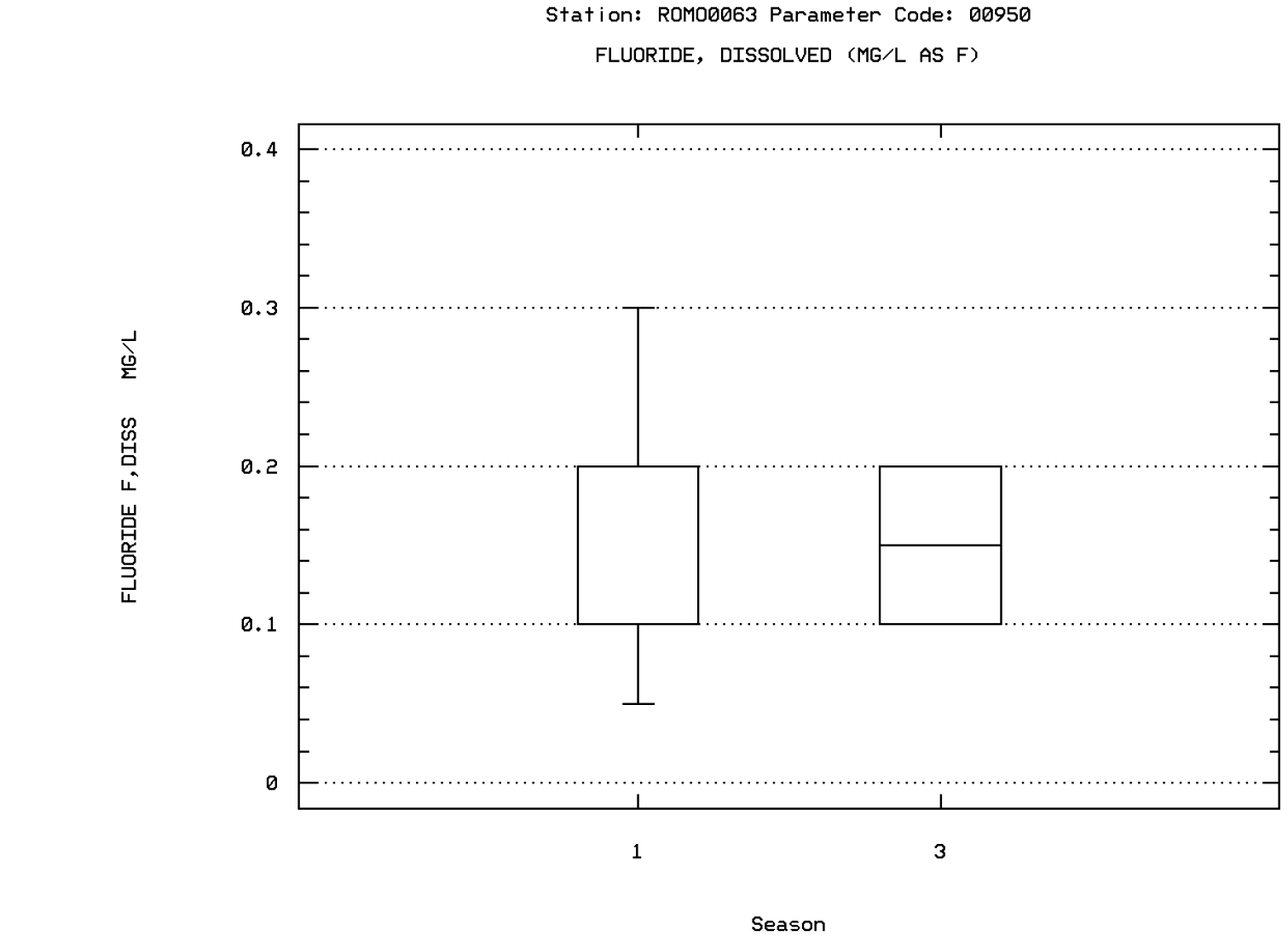
SHADOW MOUNTAIN LAKE NEAR GRAND LAKE, C

Station: ROMO0063 Parameter Code: 00945

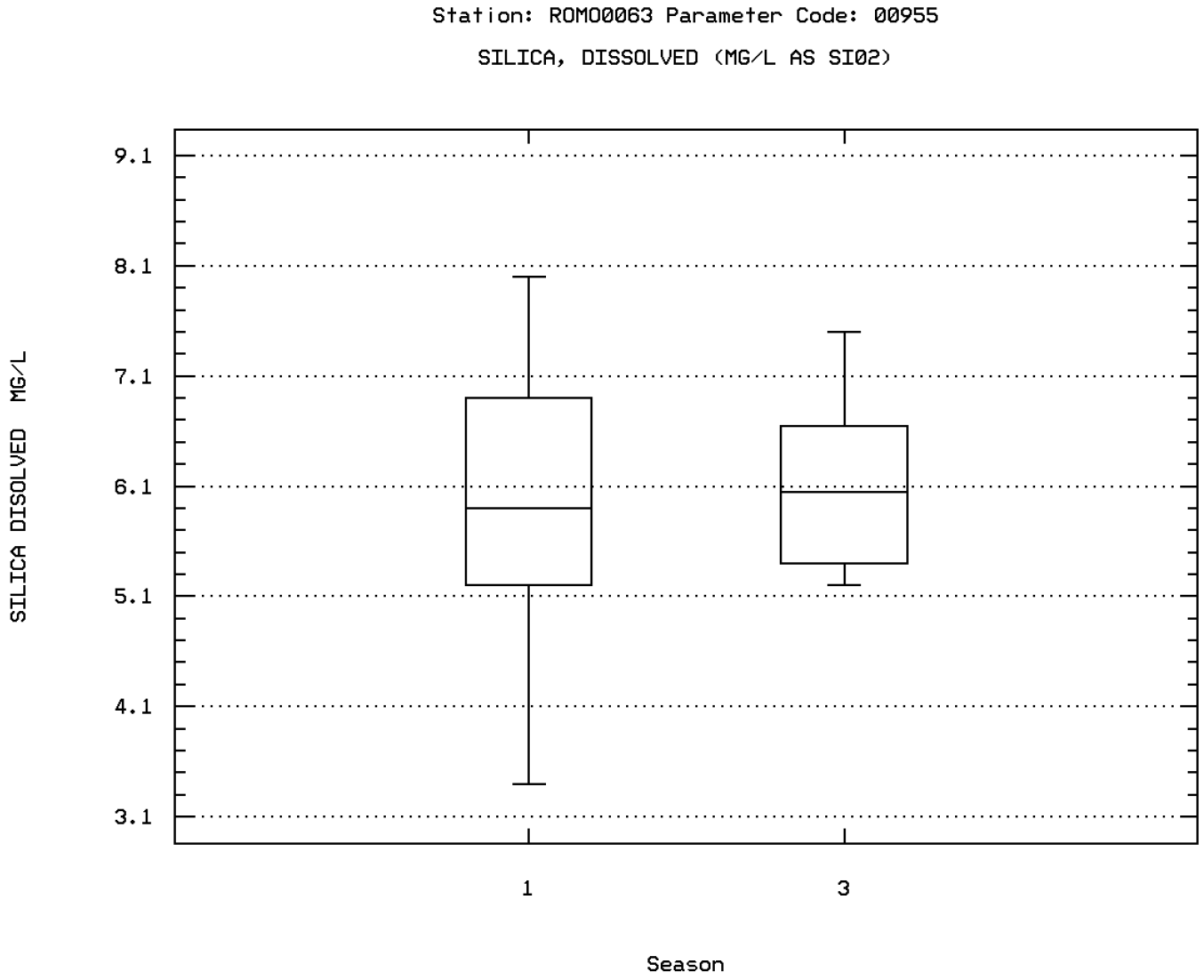
SULFATE, TOTAL (MG/L AS SO4)



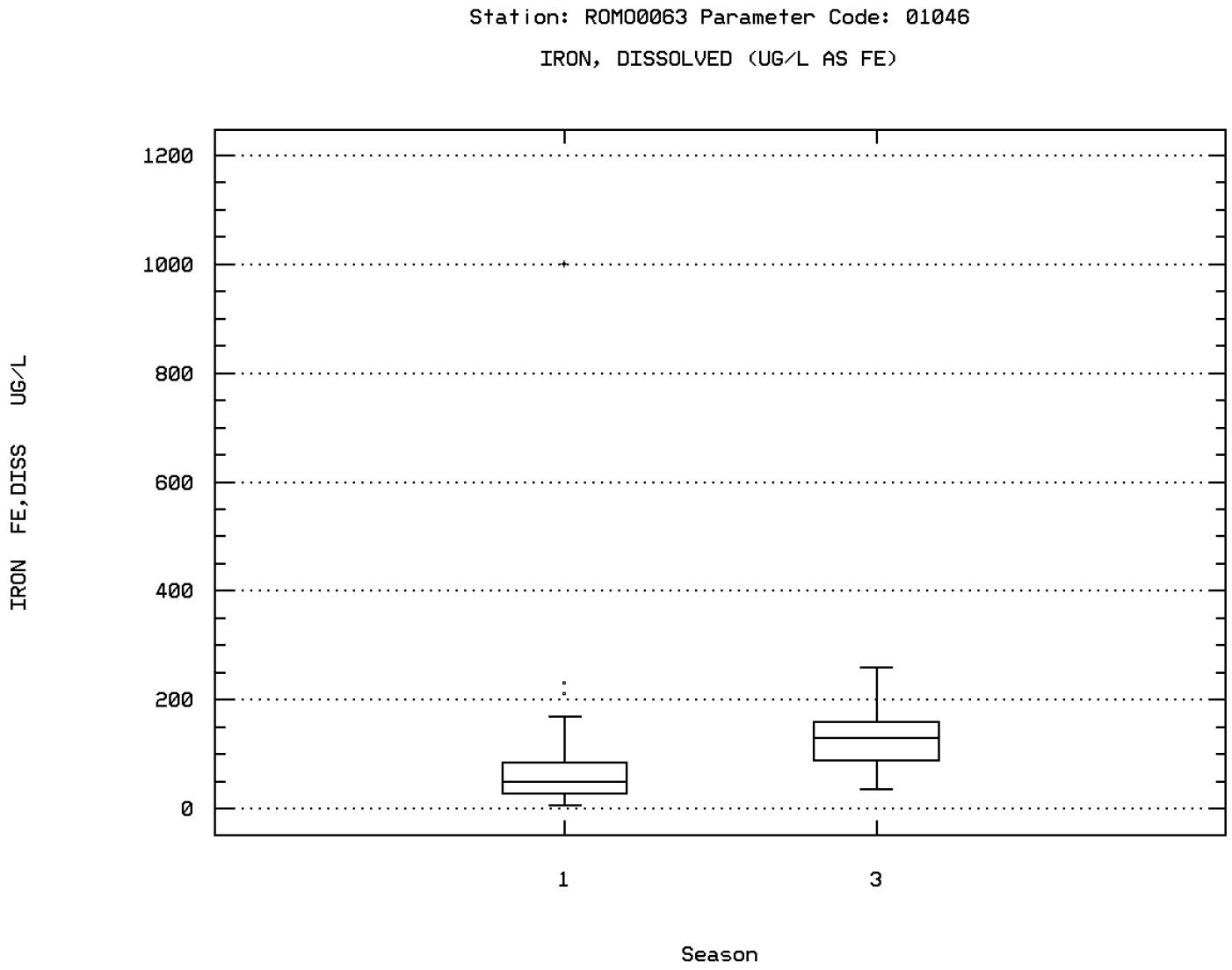
SHADOW MOUNTAIN LAKE NEAR GRAND LAKE, C



SHADOW MOUNTAIN LAKE NEAR GRAND LAKE, C



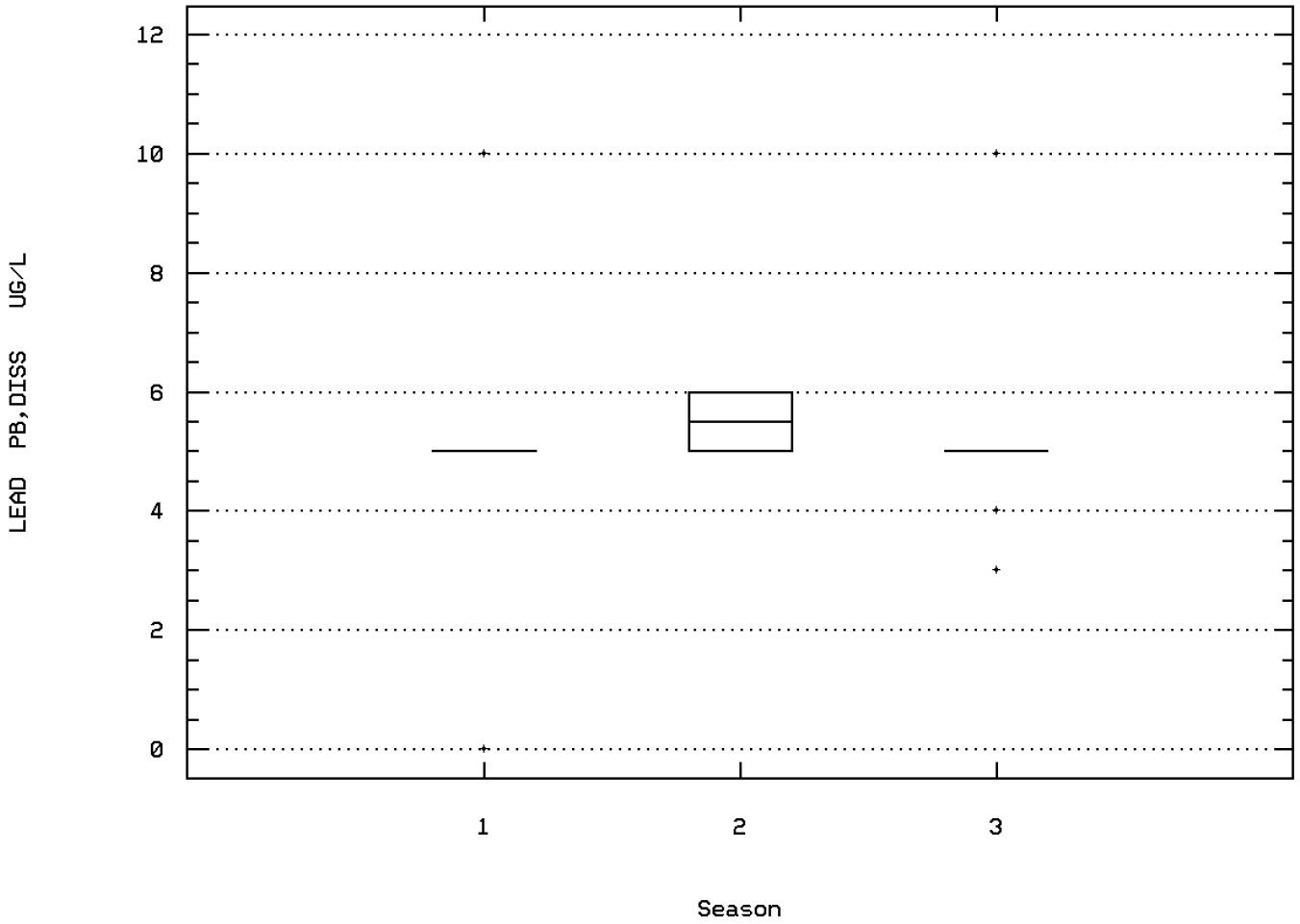
SHADOW MOUNTAIN LAKE NEAR GRAND LAKE, C



SHADOW MOUNTAIN LAKE NEAR GRAND LAKE, C

Station: ROMO0063 Parameter Code: 01049

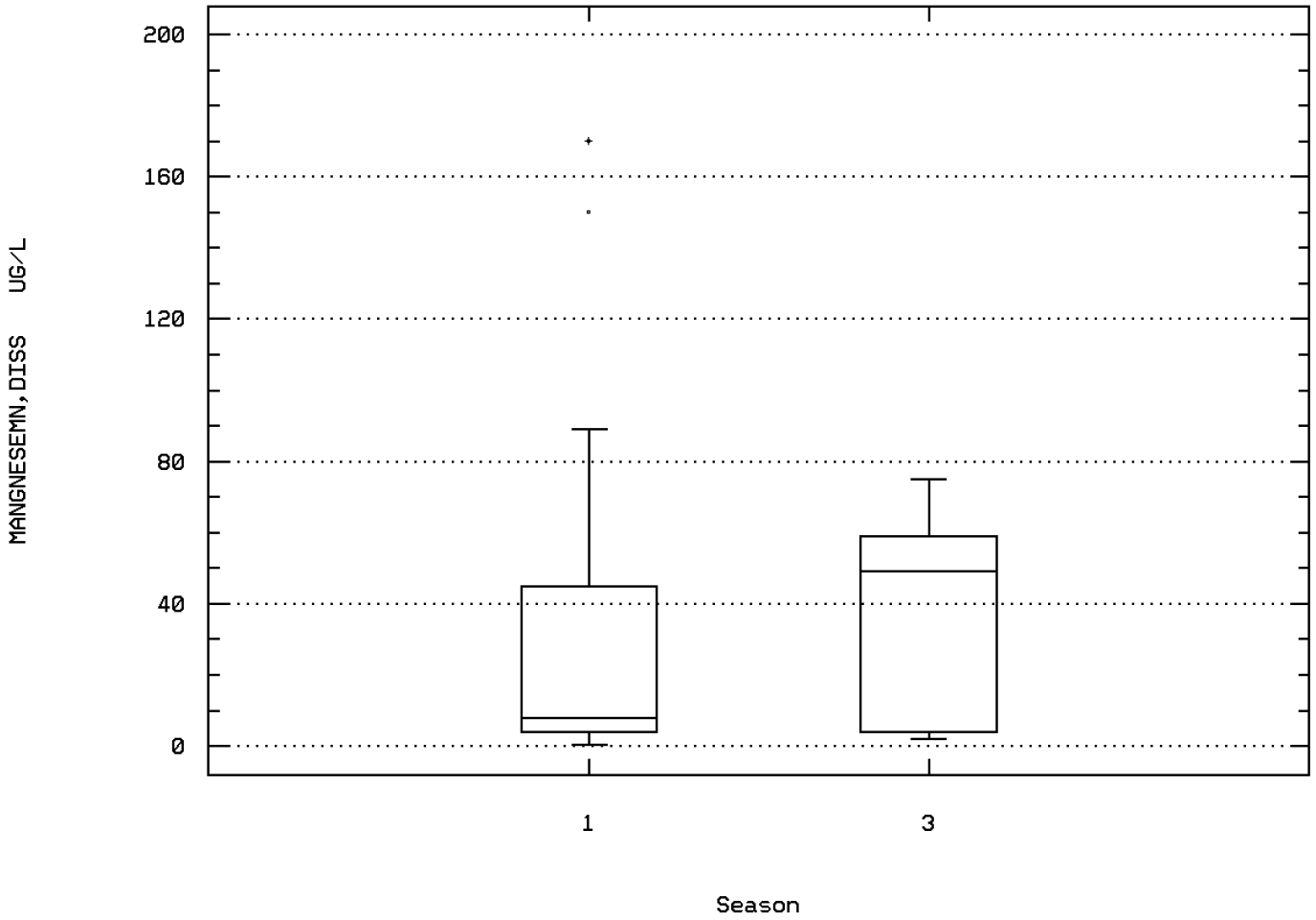
LEAD, DISSOLVED (UG/L AS PB)



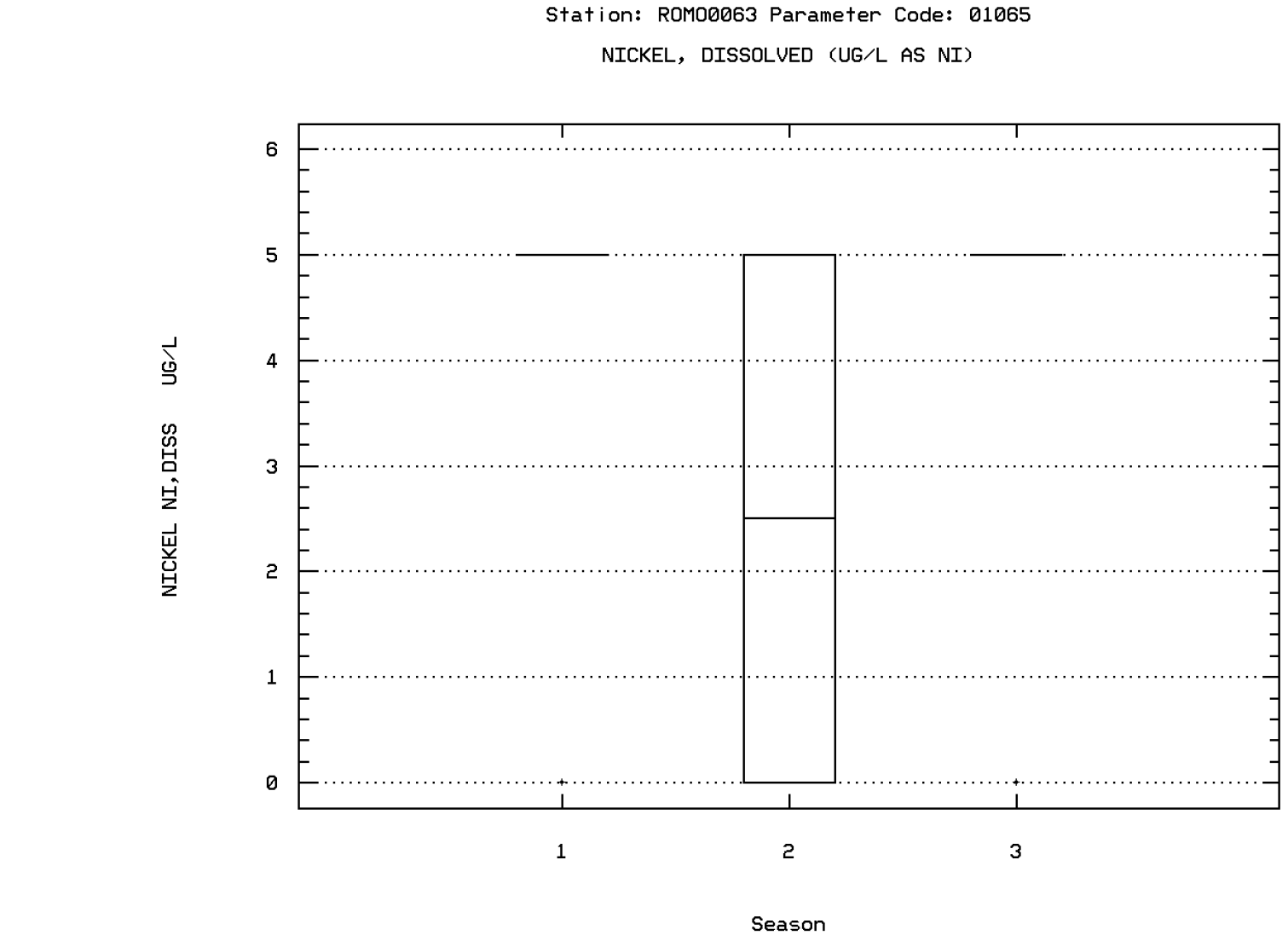
SHADOW MOUNTAIN LAKE NEAR GRAND LAKE, C

Station: ROMO0063 Parameter Code: 01056

MANGANESE, DISSOLVED (UG/L AS MN)



SHADOW MOUNTAIN LAKE NEAR GRAND LAKE, C



SHADOW MOUNTAIN LAKE NEAR GRAND LAKE, C

Station Inventory for Station: ROMO0064

NPS Station ID: ROMO0064 LAT/LON: 40.207781/-105.841948 Agency: 11EPALES Date Created: 01/09/76
Location: SHADOW MOUNTAIN LAKE FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 081303
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 14010001 Depth of Water: 24 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 14010001044 RF1 Mile Point: 0.090 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 14010001017400.00 RF3 Mile Point: 0.00 Distance from RF3: 0.02 On/Off RF3:
Description:
75 YDS FR OUTFLOW AT DAM; 330 DEGREES TO OUTFLOW. COMMENTS: 8-26 ULE 17; INTEG 15 FT; 1% LIGHT, 15 FT. 10-10 ULE 17; 1% LIGHT, 13 FT; INTEG 15 FT; DEPTH 26 FT. MAP: SHADOW MTN QUAD

Parameter Inventory for Station: ROMO0064

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/26/75-10/10/75	8	10.	10.625	24.	0.	87.696	9.365	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/26/75-10/10/75	8	8.1	8.338	9.2	7.9	0.22	0.469	**	**	**	**
00074	TURBIDITY, TRANSMISSOMETER, PERCENT TRANSMISSION	08/26/75-10/10/75	8	96.5	96.5	99.	94.	3.714	1.927	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	08/26/75-10/10/75	2	73.5	73.5	75.	72.	4.5	2.121	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/26/75-10/10/75	8	32.5	32.	41.	23.	74.286	8.619	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/26/75-10/10/75	8	6.2	6.325	7.2	5.8	0.216	0.465	**	**	**	**
00400	PH (STANDARD UNITS)	08/26/75-10/10/75	8	7.05	6.963	7.2	6.6	0.053	0.231	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/26/75-10/10/75	8	7.05	6.906	7.2	6.6	0.057	0.239	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/26/75-10/10/75	8	0.089	0.124	0.251	0.063	0.005	0.071	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/26/75-10/10/75	8	26.5	25.75	30.	21.	11.929	3.454	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/26/75-10/10/75	8 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/26/75-10/10/75	8 ##	0.2	0.213	0.4	0.1	0.016	0.125	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/26/75-10/10/75	8	0.07	0.069	0.08	0.05	0.	0.011	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/26/75-10/10/75	8	0.02	0.019	0.022	0.016	0.	0.002	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/26/75-10/10/75	8	0.003	0.003	0.003	0.002	0.	0.001	**	**	**	**
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	08/26/75-10/10/75	2	4.65	4.65	5.4	3.9	1.125	1.061	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	08/26/75-10/10/75	2	25.	25.	26.	24.	2.	1.414	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0064

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	8	0	0.00	8	0	0.00									
00400	PH	Fresh Chronic	9.	8	0	0.00	8	0	0.00									
		Other-Lo Lim.	6.5	8	0	0.00	8	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	8	0	0.00	8	0	0.00									

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

Station Inventory for Station: ROMO0065

NPS Station ID: ROMO0065 | LAT/LON: 40.208309/-105.563893 | Agency: 11NPSWRD | Date Created: 06/18/99
Location: 105755/C04247 | FIPS State/County: 08013 COLORADO/BOULDER
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): ROMO_NURE_240 /1073955 /1118433
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 10190005 | Depth of Water: 0 | Aquifer:
Major Basin: MISSOURI RIVER | Elevation: 0 | Water Body Id:
Minor Basin: SOUTH PLATTE RIVER | ECO Region:
RF1 Index: 10190005 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE ALLENS PARK CO 7.5' SERIES (TOPOGRAPHIC) QUAD. THE SITE IS AT A STREAM WITHIN ROCKY MOUNTAIN NATIONAL PARK (ROMO). EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN ONE WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE U.S. GEOLOGICAL SURVEY "NATIONAL GEOCHEMICAL DATA BASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND KIM BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. "UNIQID" ENTRIES WERE USED TO CREATE THE SECONDARY STATION NAMES. "LASLID" ENTRIES WERE USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LABORATORY. FOR MORE INFORMATION ABOUT THE PARK CONTACT NATURAL RESOURCES AT ROMO; ESTES PARK; CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AT NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS; CO 80525 (TEL. 970-225-3556).

Parameter Inventory for Station: ROMO0065

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/18/76-09/18/76	1	11.2	11.2	11.2	11.2	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/18/76-09/18/76	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/18/76-09/18/76	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/18/76-09/18/76	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/18/76-09/18/76	1	0.158	0.158	0.158	0.158	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/18/76-09/18/76	1	0.59	0.59	0.59	0.59	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0065

Parameter				Total	Exceed	Prop.	6/10-10/31			11/01-4/10			4/11-6/09			n/a		
		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: ROMO0066

NPS Station ID: ROMO0066 LAT/LON: 40.209420/-105.607199 Agency: 11NPSWRD Date Created: 06/12/99
Location: TWIN LAKES (UPPER) N SHORE NEAR OUTLET FIPS State/County: 08013 COLORADO/BOULDER
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): ROMO_JR_CAP39
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10190005 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI RIVER Elevation: 0 Water Body Id:
Minor Basin: SOUTH PLATTE RIVER ECO Region:
RF1 Index: 10190005 RF1 Mile Point: 0.000 Distance from RF1: 12.40 On/Off RF1:
RF3 Index: 10190007002218.40 RF3 Mile Point: 18.39 Distance from RF3: 0.57 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE ALLENS PARK CO 7.5' SERIES (TOPO.) QUADRANGLE. THE SITE IS LOCATED AT THE UPPER TWIN LAKES AT THE ROCK ON THE NORTH SHORE ABOUT 200 FEET FROM THE OUTLET AND IS WITHIN ROCKY MOUNTAIN NATIONAL PARK. THE DATA ARE FROM ANNUAL CAPSHELL SNAIL MONITORING PROGRAM REPORTS BY JOHN RIEBESELL OF THE DEPARTMENT OF NATURAL RESOURCES AT THE UNIVERSITY OF MICHIGAN IN DEARBORN MI. THE REPORTS SUMMARIZED POPULATION DATA AND WATER QUALITY CHARACTERISTICS OF THE HABITAT OF CAPSHELL SNAILS; A CANDIDATE FOR LISTING UNDER THE FEDERAL ENDANGERED SPECIES ACT. FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0066

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/12/97-07/12/97	1	21.	21.	21.	21.	0.	0.	**	**	**	**

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

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

Station Inventory for Station: ROMO0067

NPS Station ID: ROMO0067 LAT/LON: 40.209503/-105.605004 Agency: 11NPSWRD Date Created: 06/12/99
Location: TWIN LAKES (LOWER LK.) W OF SWIM. ROCK FIPS State/County: 08013 COLORADO/BOULDER
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): ROMO_JR_CAP38
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10190005 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI RIVER Elevation: 0 Water Body Id:
Minor Basin: SOUTH PLATTE RIVER ECO Region:
RF1 Index: 10190005 RF1 Mile Point: 0.000 Distance from RF1: 12.40 On/Off RF1:
RF3 Index: 10190007002218.40 RF3 Mile Point: 18.39 Distance from RF3: 0.57 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE ALLENS PARK CO 7.5' SERIES (TOPO.) QUADRANGLE. THE SITE IS LOCATED AT THE LOWER TWIN LAKES AT THE FLAT ROCK NEAR THE NEW SWIMMING ROCK AND IS WITHIN ROCKY MOUNTAIN NATIONAL PARK. THE DATA ARE FROM ANNUAL CAPSHELL SNAIL MONITORING PROGRAM REPORTS BY JOHN RIEBESELL OF THE DEPARTMENT OF NATURAL RESOURCES AT THE UNIVERSITY OF MICHIGAN IN DEARBORN MI. TTHE REPORTS SUMMARIZED POPULATION DATA AND WATER QUALITY CHARACTERISTICS OF THE HABITAT OF CAPSHELL SNAILS; A CANDIDATE FOR LISTING UNDER THE FEDERAL ENDANGERED SPECIES ACT. FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0067

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/12/97-07/12/97	1	20.	20.	20.	20.	0.	0.	**	**	**	**

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

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

Station Inventory for Station: ROMO0068

NPS Station ID: ROMO0068
LAT/LON: 40.212503/-105.615282
Agency: 112WRD
Date Created: 02/28/78
Location: SB00307319CACDU SITE C11
FIPS State/County: 08013 COLORADO/BOULDER
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 401245105365500
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190005
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 10190005007
RF1 Mile Point: 7.330
Distance from RF1: 0.60
On/Off RF1: ON
RF3 Index: 10190005057500.00
RF3 Mile Point: 0.14
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0068

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/14/75-08/14/75	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/14/75-08/14/75	1	60.	60.	60.	60.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/14/75-08/14/75	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/14/75-08/14/75	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	08/14/75-08/14/75	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	08/14/75-08/14/75	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/14/75-08/14/75	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/14/75-08/14/75	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/14/75-08/14/75	1	2.2	2.2	2.2	2.2	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/14/75-08/14/75	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/14/75-08/14/75	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/14/75-08/14/75	1	2.2	2.2	2.2	2.2	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/14/75-08/14/75	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/14/75-08/14/75	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/14/75-08/14/75	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	08/14/75-08/14/75	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/14/75-08/14/75	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/14/75-08/14/75	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/14/75-08/14/75	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/14/75-08/14/75	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/14/75-08/14/75	1	5.5	5.5	5.5	5.5	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	08/14/75-08/14/75	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	08/14/75-08/14/75	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/14/75-08/14/75	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	08/14/75-08/14/75	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/14/75-08/14/75	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	08/14/75-08/14/75	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/14/75-08/14/75	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	08/14/75-08/14/75	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/14/75-08/14/75	1	20.	20.	20.	20.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	08/14/75-08/14/75	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
03515	BETA, DISSOLVED GROSS, AS CS-137, PC/L	08/14/75-08/14/75	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/14/75-08/14/75	1	10.	10.	10.	10.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/14/75-08/14/75	1	1.	1.	1.	1.	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			10.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/14/75-08/14/75	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/14/75-08/14/75	1 ##	-0.301	-0.301	-0.301	-0.301	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			0.5								

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

Parameter Inventory for Station: ROMO0068

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	08/14/75-08/14/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/14/75-08/14/75	1	23.	23.	23.	23.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/14/75-08/14/75	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	08/14/75-08/14/75	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	08/14/75-08/14/75	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
75038	POTASSIUM 40, TOTAL	08/14/75-08/14/75	1	0.14	0.14	0.14	0.14	0.	0.	**	**	**	**
80030	ALPHA,DISSOLVED GROSS,AS URANIUM-NATURAL,UG/L	08/14/75-08/14/75	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
80050	BETA,DISSOLVED GROSS,AS SR-Y-90, PC/L	08/14/75-08/14/75	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0068

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00	1	0	0.00									
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00	1	0	0.00									
		Drinking Water	5.	1	0	0.00	1	0	0.00									
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00	1	0	0.00									
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00	1	0	0.00									
		Drinking Water	15.	1	0	0.00	1	0	0.00									
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00	1	0	0.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	0	0.00	1	0	0.00									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1	0	0.00	1	0	0.00									
71856	NITRITE NITROGEN, DISSOLVED (AS NO2)	Drinking Water	3.3	1	0	0.00	1	0	0.00									
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	1	0	0.00	1	0	0.00									
		Drinking Water	2.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: ROMO0069

NPS Station ID: ROMO0069
LAT/LON: 40.212642/-105.679615
Agency: 11NPSWRD
Date Created: 08/28/99
Location: East Inlet Fifth Lake Inlet
FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_SM_EIFLI
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14010001
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 0
Water Body Id:
Minor Basin: UPPER COLORADO RIVER
ECO Region:
RF1 Index: 14010001
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the Isolation Peak CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0069

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	1	2.4	2.4	2.4	2.4	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	1	0.39	0.39	0.39	0.39	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	1	2.9	2.9	2.9	2.9	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	1	4.4	4.4	4.4	4.4	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	1	1.9	1.9	1.9	1.9	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0069

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: ROMO0070

NPS Station ID: ROMO0070
LAT/LON: 40.213059/-105.648060
Agency: 12WLS1
Date Created: 09/03/88
Location: BOX LAKE
FIPS State/County: 08013 COLORADO/BOULDER
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 4E1-030
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190005
Depth of Water: 26
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 10190005
RF1 Mile Point: 0.000
Distance from RF1: 16.80
On/Off RF1:
RF3 Index: 14010001007109.79
RF3 Mile Point: 9.79
Distance from RF3: 0.05
On/Off RF3:
Description:
THIS DATA WAS COLLECTED DURING THE WESTERN LAKE SURVEY-PHASE I (WLS-I) AS PART OF EPA'S NATIONAL SURFACE WATER SURVEY, AQUATIC EFFECTS RESEARCH PROGRAM. THE SURVEY DESIGN, METHODS, AND DATA LIMITATIONS ARE DESCRIBED IN:
LANDERS, D.H., ET AL. 1987. CHARACTERISTICS OF LAKES IN THE WESTERN UNITED STATES. VOL. I. POPULATION DESCRIPTIONS AND PHYSICO-CHEMICAL RELATIONSHIPS. EPA/600/4-86/054A. U.S. ENVIRON. PROT. AGENCY, WASHINGTON, D.C. 176 PP.
THE DATA PRESENTED HERE ARE THOSE REPORTED IN LANDERS ET AL. (1987) WITH THE FOLLOWING EXCEPTIONS: (1) UNITS FOR CHEMICAL PARAMETERS ARE TYPICALLY IN MG/L RATHER THAN MICROEQ/L; (2) NO SUBSTITUTED VALUES ARE PROVIDED FOR SUSPECT DATA; (3) TAGS AND FLAGS USED TO IDENTIFY SUSPICIOUS DATA ARE NOT SHOWN; AND (4) CALCULATED OR DERIVED VARIABLES ARE EXCLUDED.

Parameter Inventory for Station: ROMO0070

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/10/85-10/10/85	1	2.4	2.4	2.4	2.4	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/10/85-10/10/85	1	7.85	7.85	7.85	7.85	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	10/10/85-10/10/85	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/10/85-10/10/85	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00154	SULFATE (AS S) WHOLE WATER, MG/L	10/10/85-10/10/85	1	0.864	0.864	0.864	0.864	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	10/10/85-10/10/85	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/10/85-10/10/85	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/10/85-10/10/85	1	0.126	0.126	0.126	0.126	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	10/10/85-10/10/85	1	61.5	61.5	61.5	61.5	0.	0.	**	**	**	**
00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	10/10/85-10/10/85	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/10/85-10/10/85	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	10/10/85-10/10/85	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00910	CALCIUM (MG/L AS CACO3)	10/10/85-10/10/85	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/10/85-10/10/85	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/10/85-10/10/85	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/10/85-10/10/85	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/10/85-10/10/85	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/10/85-10/10/85	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/10/85-10/10/85	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/10/85-10/10/85	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	10/10/85-10/10/85	1	17.	17.	17.	17.	0.	0.	**	**	**	**
70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	10/10/85-10/10/85	1	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**

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

Parameter Inventory for Station: ROMO0070

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/10/85-10/10/85	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
71885	IRON (UG/L AS FE)	10/10/85-10/10/85	1	37.	37.	37.	37.	0.	0.	**	**	**	**
72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	10/10/85-10/10/85	1	10746.6	10746.6	10746.6	10746.6	0.	0.	**	**	**	**
82047	DEPTH TO THE TOP OF THE SAMPLING INTERVAL (METERS)	10/10/85-10/10/85	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/10/85-10/10/85	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0070

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00154	SULFATE (AS S) WHOLE WATER	Drinking Water	250.	1	0	0.00	1	0	0.00									
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: ROMO0071

NPS Station ID: ROMO0071 | LAT/LON: 40.213059/-105.678892 | Agency: 12WLS1 | Date Created: 09/03/88
Location: FIFTH LAKE | FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): 4E1-029
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14010001 | Depth of Water: 16 | Aquifer:
Major Basin: | Elevation: 0 | Water Body Id:
Minor Basin: | ECO Region:
RF1 Index: 14010001 | RF1 Mile Point: 0.000 | Distance from RF1: 18.10 | On/Off RF1:
RF3 Index: 14010001111105.80 | RF3 Mile Point: 6.13 | Distance from RF3: 0.04 | On/Off RF3:
Description:
THIS DATA WAS COLLECTED DURING THE WESTERN LAKE SURVEY-PHASE I (WLS-I) AS PART OF EPA'S NATIONAL SURFACE WATER SURVEY, AQUATIC EFFECTS RESEARCH PROGRAM. THE SURVEY DESIGN, METHODS, AND DATA LIMITATIONS ARE DESCRIBED IN:
LANDERS, D.H., ET AL. 1987. CHARACTERISTICS OF LAKES IN THE WESTERN UNITED STATES. VOL. I. POPULATION DESCRIPTIONS AND PHYSICO-CHEMICAL RELATIONSHIPS. EPA/600/4-86/054A. U.S. ENVIRON. PROT. AGENCY, WASHINGTON, D.C. 176 PP.
THE DATA PRESENTED HERE ARE THOSE REPORTED IN LANDERS ET AL. (1987) WITH THE FOLLOWING EXCEPTIONS: (1) UNITS FOR CHEMICAL PARAMETERS ARE TYPICALLY IN MG/L RATHER THAN MICROEQ/L; (2) NO SUBSTITUTED VALUES ARE PROVIDED FOR SUSPECT DATA; (3) TAGS AND FLAGS USED TO IDENTIFY SUSPICIOUS DATA ARE NOT SHOWN; AND (4) CALCULATED OR DERIVED VARIABLES ARE EXCLUDED.

Parameter Inventory for Station: ROMO0071

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/02/85-10/02/85	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/02/85-10/02/85	1	2.6	2.6	2.6	2.6	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	10/02/85-10/02/85	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/02/85-10/02/85	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00154	SULFATE (AS S) WHOLE WATER, MG/L	10/02/85-10/02/85	1	1.784	1.784	1.784	1.784	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	10/02/85-10/02/85	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/02/85-10/02/85	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/02/85-10/02/85	1	0.158	0.158	0.158	0.158	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	10/02/85-10/02/85	1	78.4	78.4	78.4	78.4	0.	0.	**	**	**	**
00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	10/02/85-10/02/85	1	25.	25.	25.	25.	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/02/85-10/02/85	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	10/02/85-10/02/85	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00910	CALCIUM (MG/L AS CACO3)	10/02/85-10/02/85	1	2.2	2.2	2.2	2.2	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/02/85-10/02/85	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/02/85-10/02/85	1	0.41	0.41	0.41	0.41	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/02/85-10/02/85	1	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/02/85-10/02/85	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/02/85-10/02/85	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/02/85-10/02/85	1	1.9	1.9	1.9	1.9	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/02/85-10/02/85	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	10/02/85-10/02/85	1	21.	21.	21.	21.	0.	0.	**	**	**	**
70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	10/02/85-10/02/85	1	0.019	0.019	0.019	0.019	0.	0.	**	**	**	**

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

Parameter Inventory for Station: ROMO0071

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/02/85-10/02/85	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
71885	IRON (UG/L AS FE)	10/02/85-10/02/85	1	2.	2.	2.	2.	0.	0.	**	**	**	**
72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	10/02/85-10/02/85	1	10866.7	10866.7	10866.7	10866.7	0.	0.	**	**	**	**
82047	DEPTH TO THE TOP OF THE SAMPLING INTERVAL (METERS)	10/02/85-10/02/85	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/02/85-10/02/85	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0071

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00154	SULFATE (AS S) WHOLE WATER	Drinking Water	250.	1	0	0.00	1	0	0.00									
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: ROMO0072

NPS Station ID: ROMO0072 | LAT/LON: 40.213309/-105.893309 | Agency: 11NPSWRD | Date Created: 06/18/99
Location: 106052/C04483 | FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): ROMO_NURE_151 /1074136 /1118614
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 14010001 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: UPPER COLORADO RIVER | ECO Region:
RF1 Index: 14010001 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE "TRAIL MOUNTAIN COLORADO" 7.5 MINUTE SERIES QUADRANGLE. THE SITE IS AT A STREAM OUTSIDE OF ROCKY MOUNTAIN NATIONAL PARK. EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO ONE WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATA BASE: "NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SOIL; STREAM SEDIMENT; SURFACE WATER; AND GROUND WATER DATA. "UNIQID" FIELD ENTRIES WERE USED TO CREATE THE SECONDARY STATION NAMES. THE "LASLID" FIELD ENTRIES (LAB SAMPLE NUMBERS) WERE USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LAB. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND KELLI O'CONNOR; NATIONAL PARK SERVICE WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0072

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/22/76-09/22/76	1	5.6	5.6	5.6	5.6	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/22/76-09/22/76	1	140.	140.	140.	140.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/22/76-09/22/76	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/22/76-09/22/76	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/22/76-09/22/76	1	0.126	0.126	0.126	0.126	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/22/76-09/22/76	1	0.42	0.42	0.42	0.42	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0072

Parameter				Total	Exceed	Prop.	6/10-10/31			11/01-4/10			4/11-6/09			n/a		
		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: ROMO0073

NPS Station ID: ROMO0073
LAT/LON: 40.213892/-105.518892
Agency: 112WRD
Date Created: 02/28/78
Location: SB00307324BCAB SITE 069
FIPS State/County: 08013 COLORADO/BOULDER
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 401250105310800
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 10190005
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 10190005007
RF1 Mile Point: 2.780
Distance from RF1: 0.50
On/Off RF1: ON
RF3 Index: 10190005057500.00
RF3 Mile Point: 0.31
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0073

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/30/76-06/30/76	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/30/76-06/30/76	1	184.	184.	184.	184.	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/30/76-06/30/76	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/30/76-06/30/76	1	5.	5.	5.	5.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/30/76-06/30/76	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/30/76-06/30/76	1 ##	-0.301	-0.301	-0.301	-0.301	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			0.5								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/30/76-06/30/76	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/30/76-06/30/76	1 ##	-0.301	-0.301	-0.301	-0.301	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			0.5								

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

EPA Water Quality Criteria Analysis for Station: ROMO0073

				Total	Exceed	Prop.	----------6/10-10/31----------			----------11/01-4/10----------			----------4/11-6/09----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	0	0.00	1	0	0.00									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: ROMO0074

NPS Station ID: ROMO0074
LAT/LON: 40.214281/-105.678449
Agency: 11NPSWRD
Date Created: 08/28/99
Location: East Inlet Fifth Lake Outlet
FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_SM_EIFLO
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14010001
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 0
Water Body Id:
Minor Basin: UPPER COLORADO RIVER
ECO Region:
RF1 Index: 14010001
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the Isolation Peak CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0074

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	1	2.1	2.1	2.1	2.1	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	1	0.35	0.35	0.35	0.35	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	1	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	1	3.5	3.5	3.5	3.5	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0074

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: ROMO0075

NPS Station ID: ROMO0075 LAT/LON: 40.214448/-105.850004 Agency: 11EPALES Date Created: 01/09/76
Location: SHADOW MOUNTAIN LAKE FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 081302
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 14010001 Depth of Water: 12 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 14010001044 RF1 Mile Point: 0.590 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 14010001004400.00 RF3 Mile Point: 0.00 Distance from RF3: 0.12 On/Off RF3:
Description:
DUE E OF MARINA ON W SHORE; MIDDLE OF LAKE. COMMENTS: 8-26 ULE 18; INTEG 9 FT; 1% LIGHT, 12 FT. 10-10 ULE 17; 1% LIGHT, 13 FT; INTEG 13 FT; DEPTH 15 FT. MAP: SHADOW MTN COLO QUAD

Parameter Inventory for Station: ROMO0075

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/26/75-10/10/75	6	5.	5.167	12.	0.	22.967	4.792	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/26/75-10/10/75	6	10.25	10.317	12.1	8.7	2.57	1.603	**	**	**	**
00074	TURBIDITY, TRANSMISSOMETER, PERCENT TRANSMISSION	08/26/75-10/10/75	6	96.5	96.333	99.	94.	5.067	2.251	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	08/26/75-10/10/75	2	85.5	85.5	96.	75.	220.5	14.849	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/26/75-10/10/75	6	33.	33.167	43.	24.	81.367	9.02	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/26/75-10/10/75	6	7.7	7.767	8.	7.6	0.039	0.197	**	**	**	**
00400	PH (STANDARD UNITS)	08/26/75-10/10/75	6	7.325	7.225	7.5	6.8	0.074	0.272	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/26/75-10/10/75	6	7.319	7.149	7.5	6.8	0.081	0.284	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/26/75-10/10/75	6	0.048	0.071	0.158	0.032	0.002	0.049	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/26/75-10/10/75	6	26.5	26.833	29.	25.	2.167	1.472	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/26/75-10/10/75	6 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/26/75-10/10/75	6 ##	0.2	0.233	0.4	0.1	0.023	0.151	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/26/75-10/10/75	6 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/26/75-10/10/75	6	0.022	0.021	0.026	0.017	0.	0.003	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/26/75-10/10/75	6	0.003	0.003	0.003	0.002	0.	0.001	**	**	**	**
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	08/26/75-10/10/75	2	6.25	6.25	6.5	6.	0.125	0.354	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	08/26/75-10/10/75	2	13.5	13.5	15.	12.	4.5	2.121	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0075

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	6	0	0.00	6	0	0.00									
00400	PH	Fresh Chronic	9.	6	0	0.00	6	0	0.00									
		Other-Lo Lim.	6.5	6	0	0.00	6	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	6	0	0.00	6	0	0.00									

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

Station Inventory for Station: ROMO0076

NPS Station ID: ROMO0076
LAT/LON: 40.217227/-105.601116
Agency: 112WRD
Date Created: 01/07/89
Location: SANDBEACH LAKE
FIPS State/County: 08013 COLORADO/BOULDER
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 401302105360400
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC:
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 7.70
On/Off RF1:
RF3 Index: 10190005007900.00
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0076

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/18/87-08/18/87	4	2.	2.	2.	2.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/18/87-08/18/87	2	17.5	17.5	17.5	17.5	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/18/87-08/18/87	4	3.	3.	4.	2.	1.333	1.155	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/18/87-08/18/87	4	12.5	12.5	13.	12.	0.333	0.577	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/18/87-08/18/87	2	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/18/87-08/18/87	2	7.425	7.425	7.47	7.38	0.004	0.064	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/18/87-08/18/87	2	7.423	7.423	7.47	7.38	0.004	0.064	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/18/87-08/18/87	2	0.038	0.038	0.042	0.034	0.	0.006	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/18/87-08/18/87	4	7.45	7.45	7.6	7.3	0.03	0.173	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/18/87-08/18/87	4	7.425	7.425	7.6	7.3	0.031	0.176	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/18/87-08/18/87	4	0.038	0.038	0.05	0.025	0.	0.014	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/18/87-08/18/87	4 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/18/87-08/18/87	4 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/18/87-08/18/87	4	1.05	1.05	1.1	1.	0.003	0.058	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/18/87-08/18/87	4	0.25	0.25	0.3	0.2	0.003	0.058	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/18/87-08/18/87	4	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/18/87-08/18/87	4	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/18/87-08/18/87	4	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/18/87-08/18/87	4	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/18/87-08/18/87	4	0.065	0.065	0.07	0.06	0.	0.006	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/18/87-08/18/87	4	3.05	3.05	3.1	3.	0.003	0.058	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/18/87-08/18/87	4	95.	95.	110.	80.	300.	17.321	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/18/87-08/18/87	4	4.5	4.5	6.	3.	3.	1.732	**	**	**	**
71870	BROMIDE (MG/L AS BR)	08/18/87-08/18/87	4 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0076

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00	2	0	0.00									
00400	PH	Fresh Chronic	9.	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	0	0.00	2	0	0.00									
00403	PH, LAB	Fresh Chronic	9.	4	0	0.00	4	0	0.00									
		Other-Lo Lim.	6.5	4	0	0.00	4	0	0.00									

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

EPA Water Quality Criteria Analysis for Station: ROMO0076

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	4	0	0.00	4	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	4	0	0.00	4	0	0.00									
		Drinking Water	250.	4	0	0.00	4	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	4	0	0.00	4	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	4	0	0.00	4	0	0.00									

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

Station Inventory for Station: ROMO0077

NPS Station ID: ROMO0077 LAT/LON: 40.217504/-105.514699 Agency: 11NPSWRD Date Created: 06/18/99
Location: 105761/C04253 FIPS State/County: 08013 COLORADO/BOULDER
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): ROMO_NURE_190 /1073961 /1118439
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 10190005 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI RIVER Elevation: 0 Water Body Id:
Minor Basin: SOUTH PLATTE RIVER ECO Region:
RF1 Index: 10190005 RF1 Mile Point: 0.000 Distance from RF1: 12.40 On/Off RF1:
RF3 Index: 10190007002218.40 RF3 Mile Point: 18.39 Distance from RF3: 0.57 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE "ALLENS PARK COLORADO" 7.5 MINUTE SERIES QUADRANGLE. THE SITE IS AT A STREAM OUTSIDE OF ROCKY MOUNTAIN NATIONAL PARK. EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO ONE WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATA BASE: "NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SOIL; STREAM SEDIMENT; SURFACE WATER; AND GROUND WATER DATA. "UNIQID" FIELD ENTRIES WERE USED TO CREATE THE SECONDARY STATION NAMES. THE "LASLID" FIELD ENTRIES (LAB SAMPLE NUMBERS) WERE USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LAB. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND KELLI O'CONNOR; NATIONAL PARK SERVICE WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0077

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/18/76-09/18/76	1	9.5	9.5	9.5	9.5	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/18/76-09/18/76	1	21.	21.	21.	21.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/18/76-09/18/76	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/18/76-09/18/76	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/18/76-09/18/76	1	0.398	0.398	0.398	0.398	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/18/76-09/18/76	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0077

				Total	Exceed	Prop.	----------6/10-10/31----------			----------11/01-4/10----------			----------4/11-6/09----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: ROMO0078

NPS Station ID: ROMO0078
LAT/LON: 40.217865/-105.584810
Agency: 11NPSWRD
Date Created: 06/12/99
Location: HUNTERS CREEK
FIPS State/County: 08013 COLORADO/BOULDER
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): ROMO_JR_CAP31
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190005
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190005
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE ALLENS PARK CO 7.5' SERIES (TOPO.) QUADRANGLE. THE SITE IS LOCATED AT HUNTERS CREEK AND IS WITHIN ROCKY MOUNTAIN NATIONAL PARK. THE DATA ARE FROM ANNUAL CAPSHELL SNAIL MONITORING PROGRAM REPORTS BY JOHN RIEBESELL OF THE DEPARTMENT OF OF NATURAL RESOURCES AT THE UNIVERSITY OF MICHIGAN IN DEARBORN MI. TTHE REPORTS SUMMARIZE POPULATION DATA AND WATER QUALITY CHARACTERISTICS OF THE HABITAT OF CAPSHELL SNAILS; A CANDIDATE FOR LISTING UNDER THE FEDERAL ENDANGERED SPECIES ACT. FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0078

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70975	TEMPERATURE, WATER,DAILY MINIMUM DEG C	07/06/96-07/06/96	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
70976	TEMPERATURE, WATER,DAILY MAXIMUM DEG C	07/06/96-07/06/96	1	8.9	8.9	8.9	8.9	0.	0.	**	**	**	**

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

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

Station Inventory for Station: ROMO0079

NPS Station ID: ROMO0079
LAT/LON: 40.218115/-105.585004
Agency: 11NPSWRD
Date Created: 06/18/99
Location: 105756/C04248
FIPS State/County: 08013 COLORADO/BOULDER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_NURE_239 /1073956 /1118434
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190005
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190005
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE ALLENS PARK CO 7.5' SERIES (TOPOGRAPHIC) QUAD. THE SITE IS AT A STREAM WITHIN ROCKY MOUNTAIN NATIONAL PARK (ROMO). EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN ONE WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE U.S. GEOLOGICAL SURVEY "NATIONAL GEOCHEMICAL DATA BASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND KIM BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. "UNIQID" ENTRIES WERE USED TO CREATE THE SECONDARY STATION NAMES. "LASLID" ENTRIES WERE USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LABORATORY. FOR MORE INFORMATION ABOUT THE PARK CONTACT NATURAL RESOURCES AT ROMO; ESTES PARK; CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AT NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS; CO 80525 (TEL. 970-225-3556).

Parameter Inventory for Station: ROMO0079

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/18/76-09/18/76	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/18/76-09/18/76	1	36.	36.	36.	36.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/18/76-09/18/76	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/18/76-09/18/76	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/18/76-09/18/76	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/18/76-09/18/76	1	0.35	0.35	0.35	0.35	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0079

Parameter				Total	Exceed	Prop.	6/10-10/31			11/01-4/10			4/11-6/09			n/a		
		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: ROMO0080

NPS Station ID: ROMO0080 | LAT/LON: 40.218309/-105.535004 | Agency: 11NPSWRD | Date Created: 06/18/99
Location: 105760/C04252 | FIPS State/County: 08013 COLORADO/BOULDER
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): ROMO_NURE_241 /1073960 /1118438
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 10190005 | Depth of Water: 0 | Aquifer:
Major Basin: MISSOURI RIVER | Elevation: 0 | Water Body Id:
Minor Basin: SOUTH PLATTE RIVER | ECO Region:
RF1 Index: 10190005 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE ALLENS PARK CO 7.5' SERIES (TOPOGRAPHIC) QUAD. THE SITE IS AT A STREAM WITHIN ROCKY MOUNTAIN NATIONAL PARK (ROMO). EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN ONE WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE U.S. GEOLOGICAL SURVEY "NATIONAL GEOCHEMICAL DATA BASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND KIM BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. "UNIQID" ENTRIES WERE USED TO CREATE THE SECONDARY STATION NAMES. "LASLID" ENTRIES WERE USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LABORATORY. FOR MORE INFORMATION ABOUT THE PARK CONTACT NATURAL RESOURCES AT ROMO; ESTES PARK; CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AT NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS; CO 80525 (TEL. 970-225-3556).

Parameter Inventory for Station: ROMO0080

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/18/76-09/18/76	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/18/76-09/18/76	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/18/76-09/18/76	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/18/76-09/18/76	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/18/76-09/18/76	1	0.398	0.398	0.398	0.398	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/18/76-09/18/76	1	0.63	0.63	0.63	0.63	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0080

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: ROMO0081

NPS Station ID: ROMO0081 LAT/LON: 40.218337/-105.523616 Agency: 112WRD Date Created: 06/30/76
Location: N ST VRAIN CR AT HWY 7 NR MEEKER PARK COLO FIPS State/County: 08013 COLORADO/BOULDER
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 401306105312500
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 10190005 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 10190005007 RF1 Mile Point: 3.030 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 10190005001013.89 RF3 Mile Point: 14.01 Distance from RF3: 0.01 On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0081

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/03/75-10/03/75	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/03/75-10/03/75	1	21.	21.	21.	21.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/03/75-10/03/75	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	10/03/75-10/03/75	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	10/03/75-10/03/75	1	37.	37.	37.	37.	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/03/75-10/03/75	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/03/75-10/03/75	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	10/03/75-10/03/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/03/75-10/03/75	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/03/75-10/03/75	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	10/03/75-10/03/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/03/75-10/03/75	1	2.3	2.3	2.3	2.3	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/03/75-10/03/75	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/03/75-10/03/75	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	10/03/75-10/03/75	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	10/03/75-10/03/75	1	21.	21.	21.	21.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/03/75-10/03/75	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/03/75-10/03/75	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/03/75-10/03/75	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/03/75-10/03/75	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/03/75-10/03/75	1	5.8	5.8	5.8	5.8	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/03/75-10/03/75	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	10/03/75-10/03/75	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/03/75-10/03/75	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	10/03/75-10/03/75	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	10/03/75-10/03/75	1	100.	100.	100.	100.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	10/03/75-10/03/75	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/03/75-10/03/75	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	10/03/75-10/03/75	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	10/03/75-10/03/75	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/03/75-10/03/75	1	1.	1.	1.	1.	0.	0.	**	**	**	**
03515	BETA, DISSOLVED GROSS, AS CS-137, PC/L	10/03/75-10/03/75	1	2.2	2.2	2.2	2.2	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/03/75-10/03/75	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	10/03/75-10/03/75	1 ##	-0.301	-0.301	-0.301	-0.301	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			0.5								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	10/03/75-10/03/75	1	1.	1.	1.	1.	0.	0.	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	10/03/75-10/03/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			1.								

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

Parameter Inventory for Station: ROMO0081

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	10/03/75-10/03/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/03/75-10/03/75	1	20.	20.	20.	20.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/03/75-10/03/75	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	10/03/75-10/03/75	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	10/03/75-10/03/75	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
75038	POTASSIUM 40, TOTAL	10/03/75-10/03/75	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
80030	ALPHA,DISSOLVED GROSS,AS URANIUM-NATURAL,UG/L	10/03/75-10/03/75	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
80050	BETA,DISSOLVED GROSS,AS SR-Y-90, PC/L	10/03/75-10/03/75	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0081

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00	1	0	0.00									
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00	1	0	0.00									
		Drinking Water	5.	1	0	0.00	1	0	0.00									
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00	1	0	0.00									
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00	1	0	0.00									
		Drinking Water	15.	1	0	0.00	1	0	0.00									
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00	1	0	0.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1	0	0.00	1	0	0.00									
71856	NITRITE NITROGEN, DISSOLVED (AS NO2)	Drinking Water	3.3	1	0	0.00	1	0	0.00									
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	1	0	0.00	1	0	0.00									
		Drinking Water	2.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: ROMO0082

NPS Station ID: ROMO0082
LAT/LON: 40.218615/-105.535837
Agency: 112WRD
Date Created: 01/07/89
Location: COPELAND LAKE
FIPS State/County: 08013 COLORADO/BOULDER
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 401307105320900
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC:
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 14.30
On/Off RF1:
RF3 Index: 10190005055600.00
RF3 Mile Point: 4.19
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0082

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/21/87-10/01/87	14	2.	4.571	12.	2.	18.11	4.256	2.	2.	10.	12.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/21/87-10/01/87	7	18.	17.543	21.	13.	8.673	2.945	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/21/87-10/01/87	14	2.	2.071	3.	0.5	0.956	0.978	0.5	1.	3.	3.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/21/87-10/01/87	14	16.	15.714	16.	15.	0.22	0.469	15.	15.	16.	16.
00300	OXYGEN, DISSOLVED MG/L	07/21/87-10/01/87	7	7.3	7.343	8.	6.7	0.19	0.435	**	**	**	**
00400	PH (STANDARD UNITS)	07/21/87-10/01/87	7	9.1	8.636	9.4	7.7	0.607	0.779	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/21/87-10/01/87	7	9.1	8.15	9.4	7.7	0.882	0.939	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/21/87-10/01/87	7	0.001	0.007	0.02	0.	0.	0.008	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/21/87-10/01/87	14	7.8	7.943	9.	6.8	0.541	0.736	6.8	7.5	8.8	9.
00403	CONVERTED PH, LAB, STANDARD UNITS	07/21/87-10/01/87	14	7.8	7.462	9.	6.8	0.79	0.889	6.8	7.5	8.8	9.
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/21/87-10/01/87	14	0.016	0.035	0.158	0.001	0.003	0.054	0.001	0.002	0.032	0.158
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	07/21/87-10/01/87	14 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/21/87-10/01/87	14 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/21/87-10/01/87	14	1.4	1.429	1.6	1.3	0.008	0.091	1.3	1.4	1.5	1.6
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/21/87-10/01/87	14	0.3	0.286	0.4	0.2	0.004	0.066	0.2	0.2	0.3	0.4
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/21/87-10/01/87	14	0.87	0.944	1.27	0.85	0.02	0.143	0.85	0.87	0.96	1.27
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/21/87-10/01/87	14	0.21	0.204	0.24	0.15	0.001	0.027	0.15	0.19	0.22	0.24
00940	CHLORIDE,TOTAL IN WATER MG/L	07/21/87-10/01/87	14	0.3	0.271	0.3	0.2	0.002	0.047	0.2	0.2	0.3	0.3
00945	SULFATE, TOTAL (MG/L AS SO4)	07/21/87-10/01/87	14	2.	1.857	2.	1.	0.132	0.363	1.	2.	2.	2.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/21/87-10/01/87	14	0.09	0.093	0.11	0.08	0.	0.012	0.08	0.08	0.11	0.11
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/21/87-10/01/87	14	3.	2.8	3.4	1.6	0.415	0.645	1.6	2.4	3.4	3.4
01046	IRON, DISSOLVED (UG/L AS FE)	07/21/87-10/01/87	14	72.	76.571	120.	50.	492.264	22.187	50.	59.	89.	120.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/21/87-10/01/87	14 ##	0.5	0.857	2.	0.5	0.286	0.535	0.5	0.5	1.	2.
71870	BROMIDE (MG/L AS BR)	07/21/87-10/01/87	14 ##	0.005	0.009	0.02	0.005	0.	0.007	0.005	0.005	0.02	0.02

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

EPA Water Quality Criteria Analysis for Station: ROMO0082

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	7	0	0.00	7	0	0.00									
00400	PH	Fresh Chronic	9.	7	4	0.57	7	4	0.57									
		Other-Lo Lim.	6.5	7	0	0.00	7	0	0.00									
00403	PH, LAB	Fresh Chronic	9.	14	2	0.14	14	2	0.14									
		Other-Lo Lim.	6.5	14	0	0.00	14	0	0.00									

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

EPA Water Quality Criteria Analysis for Station: ROMO0082

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	14	0	0.00	14	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	14	0	0.00	14	0	0.00									
		Drinking Water	250.	14	0	0.00	14	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	14	0	0.00	14	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	14	0	0.00	14	0	0.00									

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

Station Inventory for Station: ROMO0083

NPS Station ID: ROMO0083 LAT/LON: 40.218615/-105.601337 Agency: 11NPSWRD Date Created: 06/12/99
Location: SANDBEACH LAKE ALONG THE WEST SHORE FIPS State/County: 08013 COLORADO/BOULDER
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): ROMO_JR_CAP36
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10190005 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI RIVER Elevation: 0 Water Body Id:
Minor Basin: SOUTH PLATTE RIVER ECO Region:
RF1 Index: 10190005 RF1 Mile Point: 0.000 Distance from RF1: 12.40 On/Off RF1:
RF3 Index: 10190007002218.40 RF3 Mile Point: 18.39 Distance from RF3: 0.57 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE ALLENS PARK CO 7.5' SERIES (TOPO.) QUADRANGLE. THE SITE IS LOCATED AT SANDBEACH LAKE ALONG THE WEST SHORE OPPOSITE THE POINT AND IS WITHIN ROCKY MOUNTAIN NATIONAL PARK. THE DATA ARE FROM ANNUAL CAPSHELL SNAIL MONITORING PROGRAM REPORTS BY JOHN RIEBESELL OF THE DEPARTMENT OF NATURAL RESOURCES AT THE UNIVERSITY OF MICHIGAN IN DEARBORN MI. THE REPORTS SUMMARIZED POPULATION DATA AND WATER QUALITY CHARACTERISTICS OF THE HABITAT OF CAPSHELL SNAILS; A CANDIDATE FOR LISTING UNDER THE FEDERAL ENDANGERED SPECIES ACT. FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0083

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/13/97-07/13/97	1	10.	10.	10.	10.	0.	0.	**	**	**	**
70975	TEMPERATURE, WATER,DAILY MINIMUM DEG C	07/21/96-07/21/96	1	14.3	14.3	14.3	14.3	0.	0.	**	**	**	**
70976	TEMPERATURE, WATER,DAILY MAXIMUM DEG C	07/21/96-07/21/96	1	15.	15.	15.	15.	0.	0.	**	**	**	**

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

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

Station Inventory for Station: ROMO0084

NPS Station ID: ROMO0084
LAT/LON: 40.218699/-105.531294
Agency: 1117S030
Date Created: / /
Location:
FIPS State/County: 08000 COLORADO/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 070319
RMI-Indexes: 1021500 009490 07090 1070 1580 0620
Within Park Boundary: No
RMI-Miles: 1149.40 0595.20 309.00 270.00 034.50 021.80
HUC: 10190005
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190005007
RF1 Mile Point: 7.190
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 10190005058603.15
RF3 Mile Point: 3.75
Distance from RF3: 0.22
On/Off RF3:
Description:
LOCATION: NORTH SAINT VRAIN CREEK 1.0 MILE ABOVE HORSE CREEK LATITUDE AND LONGITUDE COORDINATES FOR THIS STATION WERE CORRECTED BY THE NATIONAL PARK SERVICE WATER RESOURCES DIVISION FOR INCLUSION IN THIS BASELINE WATER QUALITY DATA INVENTORY AND ANALYSIS REPORT. THE AGENCY RESPONSIBLE FOR THE STATION WAS INFORMED OF THE NEED TO ALSO MAKE THE CORRECTIONS IN STORET.

Parameter Inventory for Station: ROMO0084

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/07/66-11/08/66	3	4.	5.333	11.	1.	26.333	5.132	**	**	**	**
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	09/07/66-11/08/66	3	0.8	0.867	1.1	0.7	0.043	0.208	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/07/66-11/08/66	3	21.	21.	22.	20.	1.	1.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/07/66-11/08/66	3	1.6	1.533	1.6	1.4	0.013	0.115	**	**	**	**
00400	PH (STANDARD UNITS)	09/07/66-11/08/66	3	6.7	6.833	7.2	6.6	0.103	0.321	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/07/66-11/08/66	3	6.7	6.766	7.2	6.6	0.11	0.332	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/07/66-11/08/66	3	0.2	0.171	0.251	0.063	0.009	0.097	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	09/07/66-11/08/66	3	14.	16.	23.	11.	39.	6.245	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/07/66-11/08/66	3	19.	25.	39.	17.	148.	12.166	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/25/66-11/08/66	2	1.4	1.4	2.	0.8	0.72	0.849	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	09/07/66-10/25/66	2	0.205	0.205	0.24	0.17	0.002	0.049	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/07/66-10/25/66	2	0.045	0.045	0.07	0.02	0.001	0.035	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/07/66-10/25/66	2	0.04	0.04	0.05	0.03	0.	0.014	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	09/07/66-09/07/66	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	09/07/66-09/07/66	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/25/66-11/08/66	2	9.	9.	10.	8.	2.	1.414	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	09/07/66-11/08/66	3 ##	50.	116.667	250.	50.	13333.333	115.47	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/25/66-11/08/66	2 ##	7.5	7.5	10.	5.	12.5	3.536	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	10/25/66-11/08/66	2 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	09/07/66-11/08/66	3	200.	210.	290.	140.	5700.	75.498	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	09/07/66-11/08/66	3 ##	25.	33.333	50.	25.	208.333	14.434	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	10/25/66-11/08/66	2 ##	15.	15.	20.	10.	50.	7.071	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	10/25/66-11/08/66	2 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	09/07/66-11/08/66	3	70.	968.333	2830.	5.	2600408.333	1612.578	**	**	**	**
01503	ALPHA, DISSOLVED	09/07/66-11/08/66	3	0.4	1.567	4.	0.3	4.443	2.108	**	**	**	**
09503	RADIUM 226, DISSOLVED	09/07/66-10/25/66	2	0.5	0.5	0.96	0.04	0.423	0.651	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/07/66-11/08/66	3	7.	10.5	24.	0.5	147.25	12.135	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/07/66-11/08/66	3	0.845	0.641	1.38	-0.301	0.738	0.859	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4.38								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/07/66-11/08/66	3	70.	91.	170.	33.	5023.	70.873	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/07/66-11/08/66	3	1.845	1.865	2.23	1.519	0.127	0.356	**	**	**	**

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

Parameter Inventory for Station: ROMO0084

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			73.23								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/07/66-11/08/66	3 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/07/66-11/08/66	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/07/66-11/08/66	3 ##	0.25	0.833	2.	0.25	1.021	1.01	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/07/66-11/08/66	3 ##	-0.602	-0.301	0.301	-0.602	0.272	0.521	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			0.5								
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	09/07/66-09/07/66	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0084

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	3	0	0.00	2	0	0.00	1	0	0.00						
		Other-Lo Lim.	6.5	3	0	0.00	2	0	0.00	1	0	0.00						
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00	2	0	0.00									
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	3	0	0.00	2	0	0.00	1	0	0.00						
		Drinking Water	50.	0 &	0	0.00												
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	0 &	0	0.00												
		Drinking Water	5.	0 &	0	0.00												
01040	COPPER, DISSOLVED	Fresh Acute	18.	2	0	0.00	1	0	0.00	1	0	0.00						
		Drinking Water	1300.	2	0	0.00	1	0	0.00	1	0	0.00						
01049	LEAD, DISSOLVED	Fresh Acute	82.	3	0	0.00	2	0	0.00	1	0	0.00						
		Drinking Water	15.	0 &	0	0.00												
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	2	0	0.00	1	0	0.00	1	0	0.00						
		Drinking Water	100.	2	0	0.00	1	0	0.00	1	0	0.00						
01090	ZINC, DISSOLVED	Fresh Acute	120.	3	1	0.33	2	1	0.50	1	0	0.00						
		Drinking Water	5000.	3	0	0.00	2	0	0.00	1	0	0.00						
09503	RADIUM 226, DISSOLVED	Drinking Water	5.	2	0	0.00	2	0	0.00									
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	3	0	0.00	2	0	0.00	1	0	0.00						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	3	0	0.00	2	0	0.00	1	0	0.00						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	3	0	0.00	2	0	0.00	1	0	0.00						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	3	0	0.00	2	0	0.00	1	0	0.00						

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

Station Inventory for Station: ROMO0085

NPS Station ID: ROMO0085 LAT/LON: 40.218848/-105.638760 Agency: 11NPSWRD Date Created: 06/18/99
Location: NORTH ST. VRAIN CREEK BELOW THUNDER LAKE FIPS State/County: 08013 COLORADO/BOULDER
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): ROMO_JHM_BTLK
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10190005 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI RIVER Elevation: 0 Water Body Id:
Minor Basin: SOUTH PLATTE RIVER ECO Region:
RF1 Index: 10190005 RF1 Mile Point: 0.000 Distance from RF1: 12.40 On/Off RF1:
RF3 Index: 10190007002218.40 RF3 Mile Point: 18.39 Distance from RF3: 0.57 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE ISOLATION PEAK CO 7.5' SERIES (TOPO.) QUADRANGLE. THE SITE IS AT NORTH ST. VRAIN CREEK BELOW THUNDER LAKE AND IS LOCATED INSIDE OF ROCKY MOUNTAIN NATIONAL PARK. THE DATA WERE COLLECTED BY JAMES H. MCCUTCHAN OF THE UNIVERSITY OF COLORADO AT BOULDER IN BOULDER CO FOR GRADUATE SCHOOL RESEARCH AND THE DATA AND ANALYSIS RESULTS WILL BE INCLUDED IN HIS PHD DISSERTATION. THE PURPOSE OF THE RESEARCH WAS TO DETERMINE THE AMOUNT OF ALGAL CARBON CONTRIBUTED TO INVERTEBRATES IN ROCKY MOUNTAIN STREAMS COMPARED TO THE AMOUNT OF CARBON CONTRIBUTED BY TERRESTRIAL VASCULAR PLANTS. FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL.970-225-3516).

Parameter Inventory for Station: ROMO0085

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/17/94-06/17/96	12	0.011	0.01	0.017	0.003	0.	0.005	0.003	0.005	0.014	0.017
00667	PHOSPHORUS, SUSPENDED (MG/L AS P)	05/17/94-06/17/96	11	0.028	0.033	0.07	0.02	0.	0.014	0.02	0.024	0.039	0.064
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	05/17/94-06/17/96	10	0.935	1.646	4.28	0.16	2.559	1.6	0.171	0.465	3.573	4.24
50786	ORTHOPHOSPHATE AS P, WATER MG/L	05/17/94-06/17/96	12	0.003	0.003	0.006	0.001	0.	0.002	0.001	0.001	0.004	0.006

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

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

Station Inventory for Station: ROMO0086

NPS Station ID: ROMO0086
LAT/LON: 40.218865/-105.527781
Agency: 11NPSWRD
Date Created: 08/21/99
Location: N. St. Vrain Creek Gage
FIPS State/County: 08013 COLORADO/BOULDER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_JS_VRAIN
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 10190005
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 2536
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190005
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the Allens Park CO 7.5' (topographic) series quadrangle just outside Rocky Mountain National Park. The station is located on the North St. Vrain Creek just west of Highway 7 near Wild Basin. The data originated from a University of Colorado dissertation entitled "Isotopic and Chemical Flowpath Separation of Streamflow During Snowmelt and Hydrogeological Controls of Surface-Water Chemistry in Six Alpine-Subalpine Basins; Rocky Mountain National Park; Colorado" 1996 by Julie K. Sueker. Sueker also contributed other data that weren't included in her dissertation. For more information about the data; contact Julie K. Sueker; Exponent Environmental Group; 4940 Pearl East Circle Ste. 300; Boulder CO 80301 (Tel. 970-444-7270). For information on the park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 97 -586-1206). Data were uploaded to STORET by Margaret Matter; NPS-WRD; 1201 Oak Ridge Dr. Ste. 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0086

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/17/93-10/04/95	62	15.	15.685	27.	6.5	32.354	5.688	7.	12.75	18.5	24.7
00403	PH, LAB, STANDARD UNITS SU	02/17/93-10/04/95	62	7.	6.971	7.3	6.6	0.024	0.154	6.8	6.9	7.1	7.17
00403	CONVERTED PH, LAB, STANDARD UNITS	02/17/93-10/04/95	62	7.	6.943	7.3	6.6	0.025	0.157	6.8	6.9	7.1	7.17
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/17/93-10/04/95	62	0.1	0.114	0.251	0.05	0.002	0.044	0.068	0.079	0.126	0.158
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	02/17/93-10/04/95	62	98.35	108.368	185.7	60.5	1347.58	36.709	68.52	78.75	129.95	175.7
00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/14/93-10/04/95	61	0.1	0.154	0.3	0.05	0.008	0.087	0.07	0.08	0.2	0.3
00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/14/93-10/04/95	61	1.4	1.644	3.1	0.1	0.327	0.571	1.12	1.3	1.95	2.58
00955	SILICA, DISSOLVED (MG/L AS SI02)	02/17/93-10/04/95	62	4.45	5.355	10.8	3.1	5.295	2.301	3.3	3.675	6.425	9.74
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	05/18/95-10/04/95	12	0.2	0.208	0.3	0.1	0.003	0.051	0.13	0.2	0.2	0.3
46552	CALCIUM,FIELD ACIDIFIED W/HNO3 LAB FILTER(MG/L)	02/17/93-11/01/94	50	1.72	1.789	2.46	1.25	0.112	0.335	1.411	1.505	2.043	2.339
46554	MAGNESIUM,FIELD ACIDIFIED-HNO3-LAB FILT(MG/L-MG)	02/17/93-11/01/94	50	0.335	0.376	0.62	0.24	0.013	0.113	0.26	0.288	0.468	0.56
46555	POTASSIUM,FIELD ACIDIFIED-HNO3-LAB FILT.(MG/L-K))	02/17/93-11/01/94	50	0.21	0.212	0.49	0.07	0.01	0.098	0.1	0.13	0.27	0.365
46556	SODIUM, FIELD ACIDIFIED W/HNO3, LAB FILTERED MG/L	02/17/93-11/01/94	50	0.865	1.063	2.	0.47	0.208	0.456	0.652	0.72	1.328	1.908
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	05/18/95-10/04/95	12 ##	0.004	0.01	0.05	0.	0.	0.015	0.	0.	0.018	0.041
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	03/14/93-10/04/95	61	0.2	0.253	0.9	0.	0.037	0.193	0.007	0.1	0.4	0.5

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

EPA Water Quality Criteria Analysis for Station: ROMO0086

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	62	0	0.00	37	0	0.00	8	0	0.00	17	0	0.00			
		Other-Lo Lim.	6.5	62	0	0.00	37	0	0.00	8	0	0.00	17	0	0.00			
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	62	62	1.00	37	37	1.00	8	8	1.00	17	17	1.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	61	0	0.00	37	0	0.00	7	0	0.00	17	0	0.00			
		Drinking Water	250.	61	0	0.00	37	0	0.00	7	0	0.00	17	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	61	0	0.00	37	0	0.00	7	0	0.00	17	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	61	0	0.00	37	0	0.00	7	0	0.00	17	0	0.00			

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

Station Inventory for Station: ROMO0087

NPS Station ID: ROMO0087 LAT/LON: 40.218893/-105.527781 Agency: 112WRD Date Created: 10/29/88
Location: NORTH ST. VRAIN CREEK NEAR ALLENS PARK, CO. FIPS State/County: 08013 COLORADO/BOULDER
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 06721500
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 10190005 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 10190005 RF1 Mile Point: 0.000 Distance from RF1: 7.20 On/Off RF1:
RF3 Index: 10190005012700.00 RF3 Mile Point: 0.00 Distance from RF3: 0.02 On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0087

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/22/86-07/02/96	110	5.	5.168	17.	0.	20.201	4.495	0.	0.5	8.5	12.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/06/92-08/06/92	1	20.8	20.8	20.8	20.8	0.	0.	**	**	**	**
00021	TEMPERATURE, AIR (DEGREES FAHRENHEIT)	08/06/92-08/06/92	1	20.8	20.8	20.8	20.8	0.	0.	**	**	**	**
00025	BAROMETRIC PRESSURE (MM OF HG)	08/06/92-08/06/92	1	569.	569.	569.	569.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/22/86-07/02/96	112	19.	60.938	496.	4.	7652.726	87.48	6.	8.	75.	201.
00065	STAGE, STREAM (FEET)	08/21/89-08/06/92	2	4.72	4.72	4.78	4.66	0.007	0.085	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/22/86-07/02/96	109	23.	23.092	50.	14.	40.992	6.402	15.	18.5	26.	28.
00300	OXYGEN, DISSOLVED MG/L	08/06/92-08/06/92	1	11.6	11.6	11.6	11.6	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/06/92-08/06/92	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/06/92-08/06/92	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/06/92-08/06/92	1	0.251	0.251	0.251	0.251	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/06/92-08/06/92	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/06/92-08/06/92	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/06/92-08/06/92	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/06/92-08/06/92	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	08/06/92-08/06/92	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0087

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00	1	0	0.00									
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									

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

Annual Analysis for 1986 - Station ROMO0087

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/22/86-07/02/96	3	0.	1.333	4.	0.	5.333	2.309	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/22/86-07/02/96	3	17.	18.333	30.	8.	122.333	11.06	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/22/86-07/02/96	3 ##	25.	25.	25.	25.	0.	0.	**	**	**	**

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

Annual Analysis for 1987 - Station ROMO0087

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/22/86-07/02/96	11	3.	4.955	12.	0.	22.223	4.714	0.	0.5	10.	12.
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/22/86-07/02/96	11	14.	53.273	218.	6.	6087.418	78.022	6.2	7.	72.	213.2
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/22/86-07/02/96	10	24.5	27.1	50.	16.	110.544	10.514	16.	20.5	31.	49.

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

Annual Analysis for 1988 - Station ROMO0087

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/22/86-07/02/96	10	5.75	6.05	17.	0.5	27.636	5.257	0.5	0.875	10.	16.3
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/22/86-07/02/96	10	17.	61.2	276.	5.	7987.067	89.37	5.1	6.75	110.5	263.2
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/22/86-07/02/96	10	24.	25.5	45.	15.	68.944	8.303	15.4	19.75	28.75	43.6

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

Annual Analysis for 1989 - Station ROMO0087

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/22/86-07/02/96	12	4.	4.875	12.5	0.	20.142	4.488	0.	0.375	8.	12.35
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/22/86-07/02/96	12	13.5	39.	194.	5.	3150.	56.125	5.6	8.	48.5	166.1
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/22/86-07/02/96	11	24.	22.636	28.	16.	17.455	4.178	16.4	19.	27.	27.8

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

Annual Analysis for 1990 - Station ROMO0087

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/22/86-07/02/96	17	7.	6.353	13.	0.	20.118	4.485	0.	1.5	9.5	13.
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/22/86-07/02/96	17	43.	91.941	342.	5.	10320.309	101.589	5.8	10.5	175.5	256.4
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/22/86-07/02/96	17	22.	23.529	37.	16.	37.765	6.145	16.	19.5	27.5	33.8

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

Annual Analysis for 1991 - Station ROMO0087

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/22/86-07/02/96	11	7.	5.864	12.	0.	17.905	4.231	0.	0.	8.	11.8
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/22/86-07/02/96	12	18.	63.	243.	4.	7646.545	87.445	5.2	9.25	72.	243.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/22/86-07/02/96	12	23.	22.167	29.	15.	25.97	5.096	15.	16.5	26.75	28.4

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

Annual Analysis for 1992 - Station ROMO0087

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/22/86-07/02/96	14	4.	4.536	10.9	0.	16.466	4.058	0.	0.4	8.	10.7
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/22/86-07/02/96	14	15.	37.429	106.	5.	1443.033	37.987	5.5	6.75	74.	103.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/22/86-07/02/96	14	22.	23.643	43.	16.	46.093	6.789	16.5	19.	27.	35.5

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

Annual Analysis for 1993 - Station ROMO0087

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/22/86-07/02/96	12	3.	3.5	9.	0.	11.955	3.458	0.	0.	6.75	8.7
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/22/86-07/02/96	12	22.	67.25	343.	6.	9841.114	99.202	6.	6.5	105.5	285.7
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/22/86-07/02/96	12	21.5	21.083	28.	14.	28.629	5.351	14.	15.5	26.	27.7

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

Annual Analysis for 1994 - Station ROMO0087

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/22/86-07/02/96	9	5.	5.611	15.5	0.	35.611	5.968	0.	0.25	11.5	15.5
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/22/86-07/02/96	9	14.	43.667	131.	6.	2680.25	51.771	6.	7.	93.5	131.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/22/86-07/02/96	9	20.	20.556	26.	14.	23.528	4.851	14.	16.	26.	26.

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

Annual Analysis for 1995 - Station ROMO0087

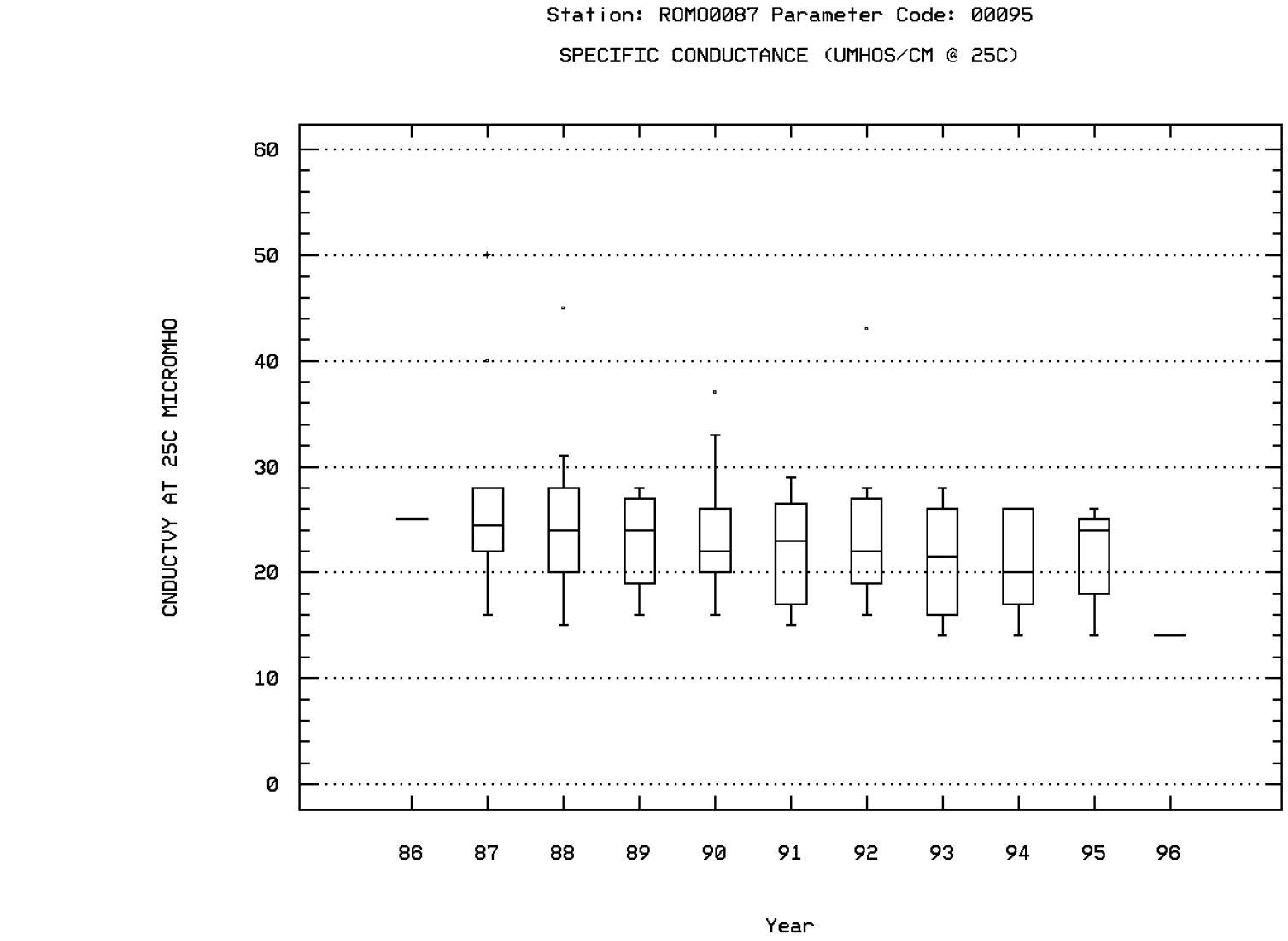
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/22/86-07/02/96	10	4.75	5.3	13.	0.	25.011	5.001	0.	0.	9.875	12.8
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/22/86-07/02/96	11	14.	76.909	496.	5.	21840.891	147.787	5.	6.	64.	432.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/22/86-07/02/96	10	24.	21.8	26.	14.	21.067	4.59	14.1	17.25	25.25	26.

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

Annual Analysis for 1996 - Station ROMO0087

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/22/86-07/02/96	1	9.5	9.5	9.5	9.5	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/22/86-07/02/96	1	215.	215.	215.	215.	0.	0.	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/22/86-07/02/96	1	14.	14.	14.	14.	0.	0.	**	**	**	**

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



NORTH ST. VRAIN CREEK NEAR ALLENS PARK,

Seasonal Analysis for Season #1: 6/10 to 10/31 - Station ROMO0087

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/22/86-07/02/96	49	8.5	8.865	17.	1.	10.374	3.221	5.	6.75	11.5	13.
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/22/86-07/02/96	50	61.	101.72	496.	6.	11175.798	105.716	15.1	27.	154.25	243.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/22/86-07/02/96	48	18.5	19.792	45.	14.	45.317	6.732	14.	16.	21.	25.1

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

Seasonal Analysis for Season #2: 11/01 to 4/10 - Station ROMO0087

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/22/86-07/02/96	41	0.	0.649	6.	0.	1.425	1.194	0.	0.	1.	2.4
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/22/86-07/02/96	42	7.	7.667	17.	4.	6.959	2.638	5.	6.	8.25	12.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/22/86-07/02/96	41	26.	26.756	50.	22.	21.789	4.668	23.	24.5	27.	30.6

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

Seasonal Analysis for Season #3: 4/11 to 6/09 - Station ROMO0087

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/22/86-07/02/96	20	5.25	5.375	11.	0.5	7.313	2.704	1.6	3.	7.375	8.95
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/22/86-07/02/96	20	38.5	70.85	235.	8.	5117.924	71.54	9.1	15.	123.25	211.4
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/22/86-07/02/96	20	24.5	23.5	32.	16.	18.368	4.286	18.	20.	26.75	28.

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

Station Inventory for Station: ROMO0088

NPS Station ID: ROMO0088 | LAT/LON: 40.218893/-105.601392 | Agency: 12WLS1 | Date Created: 09/03/88
Location: SANDBEACH LAKE | FIPS State/County: 08013 COLORADO/BOULDER
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): 4E1-033
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 10190005 | Depth of Water: 13 | Aquifer:
Major Basin: | Elevation: 0 | Water Body Id:
Minor Basin: | ECO Region:
RF1 Index: 10190005 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 10190005002504.07 | RF3 Mile Point: 4.06 | Distance from RF3: 0.05 | On/Off RF3:
Description:
THIS DATA WAS COLLECTED DURING THE WESTERN LAKE SURVEY-PHASE I (WLS-I) AS PART OF EPA'S NATIONAL SURFACE WATER SURVEY, AQUATIC EFFECTS RESEARCH PROGRAM. THE SURVEY DESIGN, METHODS, AND DATA LIMITATIONS ARE DESCRIBED IN:
LANDERS, D.H., ET AL. 1987. CHARACTERISTICS OF LAKES IN THE WESTERN UNITED STATES. VOL. I. POPULATION DESCRIPTIONS AND PHYSICO-CHEMICAL RELATIONSHIPS. EPA/600/4-86/054A. U.S. ENVIRON. PROT. AGENCY, WASHINGTON, D.C. 176 PP.
THE DATA PRESENTED HERE ARE THOSE REPORTED IN LANDERS ET AL. (1987) WITH THE FOLLOWING EXCEPTIONS: (1) UNITS FOR CHEMICAL PARAMETERS ARE TYPICALLY IN MG/L RATHER THAN MICROEQ/L; (2) NO SUBSTITUTED VALUES ARE PROVIDED FOR SUSPECT DATA; (3) TAGS AND FLAGS USED TO IDENTIFY SUSPICIOUS DATA ARE NOT SHOWN; AND (4) CALCULATED OR DERIVED VARIABLES ARE EXCLUDED.

Parameter Inventory for Station: ROMO0088

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/85-10/04/85	1	3.2	3.2	3.2	3.2	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/04/85-10/04/85	1	1.05	1.05	1.05	1.05	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	10/04/85-10/04/85	1	50.	50.	50.	50.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/04/85-10/04/85	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00154	SULFATE (AS S) WHOLE WATER, MG/L	10/04/85-10/04/85	1	1.093	1.093	1.093	1.093	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	10/04/85-10/04/85	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/04/85-10/04/85	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/04/85-10/04/85	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	10/04/85-10/04/85	1	74.4	74.4	74.4	74.4	0.	0.	**	**	**	**
00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	10/04/85-10/04/85	1	51.1	51.1	51.1	51.1	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/04/85-10/04/85	1	5.3	5.3	5.3	5.3	0.	0.	**	**	**	**
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	10/04/85-10/04/85	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00910	CALCIUM (MG/L AS CACO3)	10/04/85-10/04/85	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/04/85-10/04/85	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/04/85-10/04/85	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/04/85-10/04/85	1	0.21	0.21	0.21	0.21	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/04/85-10/04/85	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/04/85-10/04/85	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/04/85-10/04/85	1	3.8	3.8	3.8	3.8	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/04/85-10/04/85	1	13.	13.	13.	13.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	10/04/85-10/04/85	1	442.	442.	442.	442.	0.	0.	**	**	**	**
70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	10/04/85-10/04/85	1	0.048	0.048	0.048	0.048	0.	0.	**	**	**	**

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

Parameter Inventory for Station: ROMO0088

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/04/85-10/04/85	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
71885	IRON (UG/L AS FE)	10/04/85-10/04/85	1	195.	195.	195.	195.	0.	0.	**	**	**	**
72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	10/04/85-10/04/85	1	10289.3	10289.3	10289.3	10289.3	0.	0.	**	**	**	**
82047	DEPTH TO THE TOP OF THE SAMPLING INTERVAL (METERS)	10/04/85-10/04/85	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/04/85-10/04/85	1	5.5	5.5	5.5	5.5	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0088

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00154	SULFATE (AS S) WHOLE WATER	Drinking Water	250.	1	0	0.00	1	0	0.00									
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: ROMO0089

NPS Station ID: ROMO0089
LAT/LON: 40.218893/-105.856949
Agency: 112WRD
Date Created: / /
Location: COLORADO RIVER NEAR GRAND LAKE, CO.
FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 09011000
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14010001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14010001046
RF1 Mile Point: 3.640
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 14010001100900.00
RF3 Mile Point: 0.56
Distance from RF3: 0.19
On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0089

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/10/56-10/09/86	181	4.	5.724	20.	0.	32.846	5.731	0.	0.5	10.25	15.
00060	FLOW, STREAM, MEAN DAILY CFS	09/17/70-10/04/73	35	30.	89.457	700.	10.	22462.785	149.876	16.2	19.	70.	305.2
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/06/83-10/09/86	20	42.	140.4	677.	17.	44298.463	210.472	18.1	27.5	118.5	622.2
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/25/70-10/09/86	122	80.	78.607	130.	25.	493.332	22.211	47.3	68.75	93.5	100.
00300	OXYGEN, DISSOLVED MG/L	08/25/70-10/04/73	36	9.95	9.614	11.7	7.	1.411	1.188	7.91	8.625	10.475	11.06
00400	PH (STANDARD UNITS)	08/25/70-10/04/73	36	7.5	7.478	8.6	6.1	0.343	0.586	6.47	7.2	7.8	8.26
00400	CONVERTED PH (STANDARD UNITS)	08/25/70-10/04/73	36	7.5	7.054	8.6	6.1	0.527	0.726	6.47	7.2	7.8	8.26
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/25/70-10/04/73	36	0.032	0.088	0.794	0.003	0.027	0.164	0.006	0.016	0.063	0.341
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/25/70-10/04/73	34	27.5	48.971	250.	0.	3965.787	62.974	0.5	8.	54.	157.5
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/25/70-10/04/73	34	1.436	1.303	2.398	0.	0.465	0.682	0.	0.903	1.729	2.197
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			20.078								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/25/70-10/04/73	35	2.	7.886	57.	0.	198.045	14.073	0.	0.	6.	25.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	08/25/70-10/04/73	35	0.301	0.497	1.756	0.	0.317	0.563	0.	0.	0.778	1.398
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3.142								

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

EPA Water Quality Criteria Analysis for Station: ROMO0089

				Total	Exceed	Prop.	----------6/10-10/31----------			----------11/01-4/10----------			----------4/11-6/09----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	36	0	0.00	16	0	0.00	16	0	0.00	4	0	0.00			
00400	PH	Fresh Chronic	9.	36	0	0.00	16	0	0.00	16	0	0.00	4	0	0.00			
		Other-Lo Lim.	6.5	36	4	0.11	16	4	0.25	16	0	0.00	4	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	34	0	0.00	14	0	0.00	16	0	0.00	4	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	35	0	0.00	15	0	0.00	16	0	0.00	4	0	0.00			

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

Annual Analysis for 1956 - Station ROMO0089

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/10/56-10/09/86	1	1.	1.	1.	1.	0.	0.	**	**	**	**

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

Annual Analysis for 1968 - Station ROMO0089

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/10/56-10/09/86	3	4.	7.033	16.1	1.	63.903	7.994	**	**	**	**

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

Annual Analysis for 1969 - Station ROMO0089

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/10/56-10/09/86	2	1.5	1.5	3.	0.	4.5	2.121	**	**	**	**

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

Annual Analysis for 1970 - Station ROMO0089

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/10/56-10/09/86	12	6.5	7.667	15.	0.	39.879	6.315	0.3	1.	14.75	15.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/25/70-10/09/86	4	120.	121.25	130.	115.	39.583	6.292	**	**	**	**

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

Annual Analysis for 1971 - Station ROMO0089

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/10/56-10/09/86	18	1.5	4.806	15.5	0.	33.975	5.829	0.	0.	11.25	14.15
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/25/70-10/09/86	10	87.5	82.	100.	50.	412.222	20.303	50.	65.	100.	100.

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

Annual Analysis for 1972 - Station ROMO0089

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/10/56-10/09/86	22	3.5	5.136	15.	0.	28.409	5.33	0.	0.	9.5	13.7
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/25/70-10/09/86	12	87.5	84.583	110.	55.	274.811	16.577	59.5	70.	100.	107.

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

Annual Analysis for 1973 - Station ROMO0089

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/10/56-10/09/86	20	2.5	3.7	13.	0.	17.668	4.203	0.	0.	7.5	9.95
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/25/70-10/09/86	10	70.	62.5	100.	25.	812.5	28.504	25.	25.	82.5	99.

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

Annual Analysis for 1974 - Station ROMO0089

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/10/56-10/09/86	8	8.	8.75	20.	0.	57.286	7.569	**	**	**	**

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

Annual Analysis for 1976 - Station ROMO0089

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/10/56-10/09/86	3	0.5	2.833	8.	0.	20.083	4.481	**	**	**	**

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

Annual Analysis for 1977 - Station ROMO0089

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/10/56-10/09/86	11	7.	7.409	17.	0.	40.691	6.379	0.	0.5	13.	16.6
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/25/70-10/09/86	8	85.	86.125	110.	59.	291.554	17.075	**	**	**	**

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

Annual Analysis for 1978 - Station ROMO0089

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/10/56-10/09/86	11	2.	5.5	16.	0.	39.95	6.321	0.	0.	13.	15.6
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/25/70-10/09/86	9	80.	69.778	100.	25.	714.194	26.724	25.	47.5	85.	100.

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

Annual Analysis for 1979 - Station ROMO0089

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/10/56-10/09/86	12	3.5	4.167	10.	0.	13.333	3.651	0.	0.375	7.	9.85
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/25/70-10/09/86	11	90.	77.727	100.	25.	621.818	24.936	28.	60.	95.	99.

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

Annual Analysis for 1980 - Station ROMO0089

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/10/56-10/09/86	11	7.5	7.545	16.5	0.	33.223	5.764	0.1	2.	14.	16.1
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/25/70-10/09/86	11	80.	78.364	120.	40.	525.455	22.923	43.	55.	95.	116.

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

Annual Analysis for 1981 - Station ROMO0089

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/10/56-10/09/86	10	3.75	7.	17.5	0.	55.278	7.435	0.05	0.5	15.25	17.35
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/25/70-10/09/86	11	90.	89.364	112.	65.	191.055	13.822	66.	85.	100.	110.8

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

Annual Analysis for 1982 - Station ROMO0089

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/10/56-10/09/86	11	1.5	4.955	18.	0.	36.923	6.076	0.	0.5	11.	16.7
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/25/70-10/09/86	10	85.5	79.8	95.	40.	267.511	16.356	43.2	72.	90.75	94.8

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

Annual Analysis for 1983 - Station ROMO0089

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/10/56-10/09/86	9	5.5	5.611	15.	0.5	24.611	4.961	0.5	1.25	9.5	15.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/25/70-10/09/86	9	80.	74.	100.	40.	377.	19.416	40.	57.	89.	100.

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

Annual Analysis for 1984 - Station ROMO0089

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/10/56-10/09/86	7	8.	7.071	15.	0.5	36.619	6.051	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/25/70-10/09/86	7	61.	61.714	84.	39.	241.238	15.532	**	**	**	**

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

Annual Analysis for 1985 - Station ROMO0089

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/10/56-10/09/86	2	3.	3.	6.	0.	18.	4.243	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/25/70-10/09/86	2	79.	79.	80.	78.	2.	1.414	**	**	**	**

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

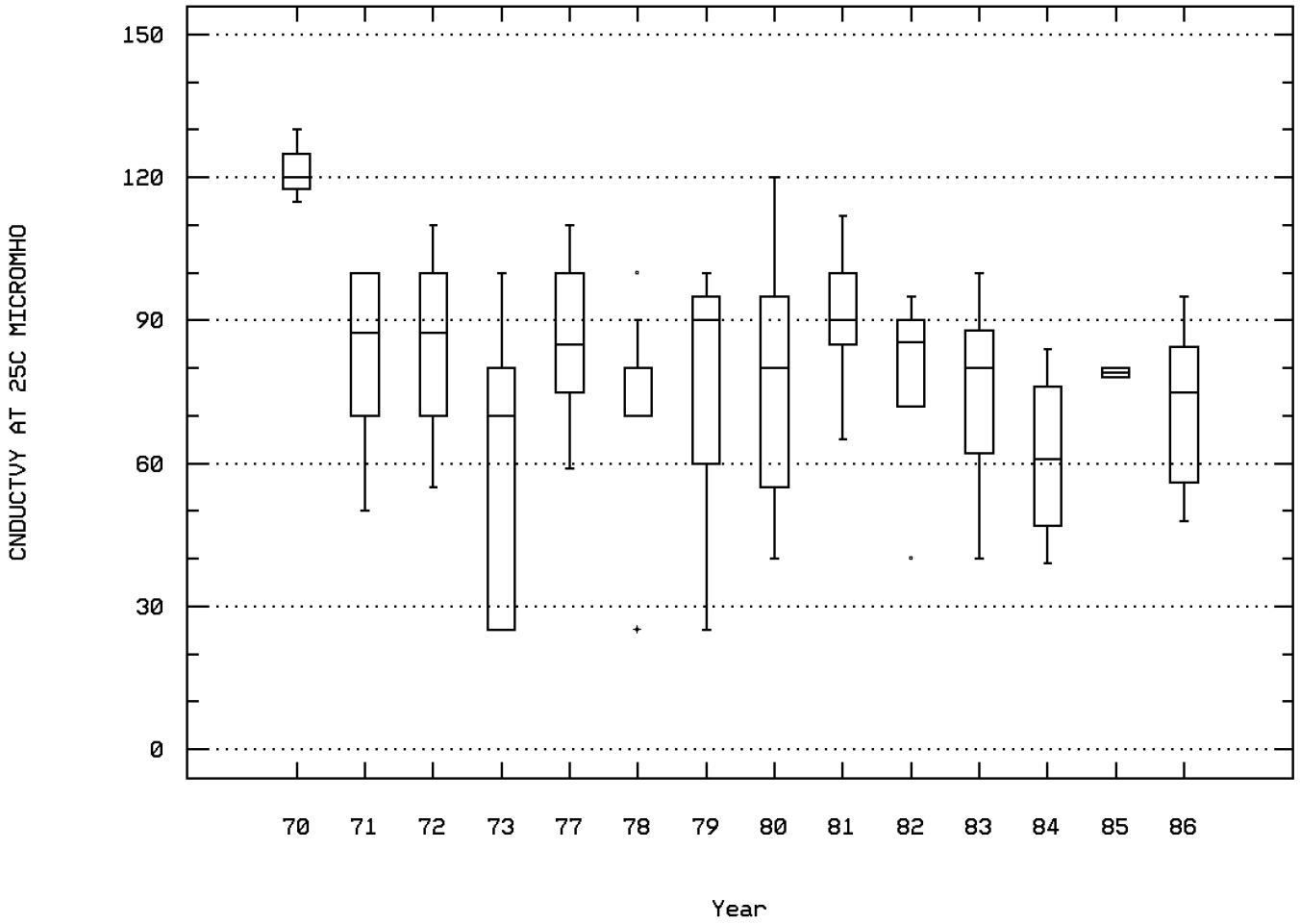
Annual Analysis for 1986 - Station ROMO0089

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/10/56-10/09/86	8	8.	7.688	19.	0.	44.781	6.692	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/25/70-10/09/86	8	75.	71.75	95.	48.	298.786	17.285	**	**	**	**

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

Station: ROMO0089 Parameter Code: 00095

SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)



COLORADO RIVER NEAR GRAND LAKE, CO.

Seasonal Analysis for Season #1: 6/10 to 10/31 - Station ROMO0089

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/10/56-10/09/86	73	11.5	11.104	19.	3.	16.84	4.104	5.5	7.25	14.75	16.06
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/25/70-10/09/86	50	75.	70.78	120.	25.	434.461	20.844	40.	58.75	80.5	94.5

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

Seasonal Analysis for Season #2: 11/01 to 4/10 - Station ROMO0089

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/10/56-10/09/86	80	0.	0.925	20.	0.	5.836	2.416	0.	0.	1.	2.95
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/25/70-10/09/86	52	92.5	92.154	130.	25.	248.368	15.76	75.6	85.25	100.	110.

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

Seasonal Analysis for Season #3: 4/11 to 6/09 - Station ROMO0089

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/10/56-10/09/86	28	5.	5.411	12.5	0.	10.39	3.223	1.95	2.625	8.	10.1
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/25/70-10/09/86	20	67.5	62.95	90.	25.	433.103	20.811	25.	50.5	80.	89.8

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

Station Inventory for Station: ROMO0090

NPS Station ID: ROMO0090 LAT/LON: 40.219448/-105.857782 Agency: 11EPALES Date Created: / /
Location: COLORADO RIVER FIPS State/County: 08000 COLORADO/
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 0813A2
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 14010001 Depth of Water: 0 Aquifer:
Major Basin: T/SHADOW MOUNTAIN LAKE Elevation: 0 Water Body Id:
Minor Basin: RT 34 BRDG 2.7 MI SW OF CTY OF GRAND LK ECO Region:
RF1 Index: 14010001049 RF1 Mile Point: 0.100 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 14010001004300.26 RF3 Mile Point: 2.45 Distance from RF3: 0.02 On/Off RF3:
Description:
SAMPLE FROM BRDG ON US RT 34 2.7 MI SW OF CITY OF GRAND LAKE 0.4 MI N OF RECREATION AREA HEADQUARTERS NEAR USGS GAGE #09011000 SEC 13 T3N R75W

Parameter Inventory for Station: ROMO0090

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/28/74-08/23/75	13	0.02	0.029	0.144	0.003	0.001	0.036	0.003	0.015	0.027	0.1
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/28/74-09/28/74	1	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/28/74-09/28/74	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/28/74-08/23/75	13	0.6	0.727	1.9	0.05	0.312	0.558	0.07	0.225	1.05	1.74
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/28/74-08/23/75	13	0.02	0.33	3.99	0.005	1.21	1.1	0.005	0.005	0.05	2.414
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/28/74-08/23/75	13	0.02	0.029	0.08	0.005	0.001	0.026	0.005	0.005	0.055	0.072
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/28/74-08/23/75	12	0.005	0.011	0.064	0.003	0.	0.017	0.003	0.003	0.01	0.049

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

EPA Water Quality Criteria Analysis for Station: ROMO0090

				Total	Exceed	Prop.	6/10-10/31			11/01-4/10			4/11-6/09			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	13	0	0.00	6	0	0.00	5	0	0.00	2	0	0.00			

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

Station Inventory for Station: ROMO0091

NPS Station ID: ROMO0091
LAT/LON: 40.219503/-105.698809
Agency: 11NPSWRD
Date Created: 08/28/99
Location: East Inlet Trib. between Spirit and Verna Lakes
FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_SM_EICBSV
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14010001
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 0
Water Body Id:
Minor Basin: UPPER COLORADO RIVER
ECO Region:
RF1 Index: 14010001
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the Isolation Peak CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0091

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	1	0.58	0.58	0.58	0.58	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	1	4.8	4.8	4.8	4.8	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0091

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: ROMO0092

NPS Station ID: ROMO0092 LAT/LON: 40.220003/-105.524449 Agency: 11NPSWRD Date Created: 06/18/99
Location: N. ST. VRAIN CREEK NEAR ROCKY MTN HYDRAULIC LAB FIPS State/County: 08013 COLORADO/BOULDER
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): ROMO_JHM_RMHL
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 10190005 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI RIVER Elevation: 0 Water Body Id:
Minor Basin: SOUTH PLATTE RIVER ECO Region:
RF1 Index: 10190005 RF1 Mile Point: 0.000 Distance from RF1: 12.40 On/Off RF1:
RF3 Index: 10190007002218.40 RF3 Mile Point: 18.39 Distance from RF3: 0.57 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE ALLENS PARK CO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT NORTH ST. VRAIN CREEK NEAR NEAR THE ROCKY MOUNTAIN HYDRAULIC LABORATORY AND IS LOCATED OUTSIDE OF ROCKY MOUNTAIN NATIONAL PARK. THE DATA WERE COLLECTED BY JAMES H. MCCUTCHAN OF THE UNIVERSITY OF COLORADO AT BOULDER IN BOULDER CO FOR GRADUATE RESEARCH AND WILL BE INCLUDED WITH ANALYSIS RESULTS IN HIS PHD DISSERTATION. THE PURPOSE OF THE RESEARCH WAS TO DETERMINE THE AMOUNT OF ALGAL CARBON CONTRIBUTED TO INVERTEBRATES IN ROCKY MOUNTAIN STREAMS COMPARED TO THE AMOUNT OF CARBON CONTRIBUTED BY TERRESTRIAL VASCULAR PLANTS. FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL.970-225-3516).

Parameter Inventory for Station: ROMO0092

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/11/94-05/07/96	15	0.005	0.006	0.014	0.001	0.	0.004	0.001	0.002	0.008	0.012
00667	PHOSPHORUS, SUSPENDED (MG/L AS P)	04/11/94-05/07/96	15	0.025	0.03	0.06	0.01	0.	0.014	0.014	0.019	0.041	0.053
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	04/11/94-05/07/96	15	0.94	1.453	5.35	0.27	1.643	1.282	0.51	0.8	1.74	4.066
50786	ORTHOPHOSPHATE AS P, WATER MG/L	04/11/94-05/07/96	15	0.002	0.003	0.006	0.001	0.	0.002	0.001	0.002	0.003	0.005

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

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

Station Inventory for Station: ROMO0093

NPS Station ID: ROMO0093
LAT/LON: 40.221087/-105.684281
Agency: 11NPSWRD
Date Created: 08/28/99
Location: East Inlet Fourth Lake Inlet
FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_SM_EIFRLI
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14010001
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 0
Water Body Id:
Minor Basin: UPPER COLORADO RIVER
ECO Region:
RF1 Index: 14010001
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the Isolation Peak CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0093

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	1	1.9	1.9	1.9	1.9	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	1	0.47	0.47	0.47	0.47	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	1	0.14	0.14	0.14	0.14	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	1	2.4	2.4	2.4	2.4	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	1	4.3	4.3	4.3	4.3	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0093

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: ROMO0094

NPS Station ID: ROMO0094
LAT/LON: 40.221143/-105.684142
Agency: 11NPSWRD
Date Created: 06/18/99
Location: FOURTH LAKE INLET
FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_NPS_FOUR
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14010001
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 0
Water Body Id:
Minor Basin: UPPER COLORADO RIVER
ECO Region:
RF1 Index: 14010001
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE ISOLATION PEAK CO 7.5' SERIES (TOPO.) QUADRANGLE. THE SITE IS LOCATED AT THE INLET OF FOURTH LAKE IN THE EAST INLET CREEK DRAINAGE AND IS WITHIN ROCKY MOUNTAIN NATIONAL PARK. THE DATA ARE FROM A STUDY CONDUCTED IN 1985 TO EXAMINE THE PRESENCE OF GIARDIA IN SOME REMOTE BACKCOUNTRY STREAMS OF ROCKY MOUNTAIN NATIONAL PARK IN AREAS OF POOR OR MARGINAL BEAVER HABITAT AND LOW HUMAN USE. DON L. MONZINGO JR. OF COLORADO STATE UNIVERSITY IN FORT COLLINS CO CONDUCTED THE STUDY. FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0094

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61229	GIARDIA CYSTS IN SURFACE WATER CATEGORIES/100L	07/22/85-07/22/85	1	0.	0.	0.	0.	0.	0.	**	**	**	**
61732	GIARDIA, FILTRATION CYSTS/100 GAL	07/22/85-07/22/85	1	0.	0.	0.	0.	0.	0.	**	**	**	**

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

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

Station Inventory for Station: ROMO0095

NPS Station ID: ROMO0095 | LAT/LON: 40.221670/-105.685282 | Agency: 12WLS1 | Date Created: 09/03/88
Location: FOURTH LAKE | FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): 4E1-054
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14010001 | Depth of Water: 26 | Aquifer:
Major Basin: | Elevation: 0 | Water Body Id:
Minor Basin: | ECO Region:
RF1 Index: 14010001 | RF1 Mile Point: 0.000 | Distance from RF1: 15.70 | On/Off RF1:
RF3 Index: 14010001014800.00 | RF3 Mile Point: 0.00 | Distance from RF3: 0.04 | On/Off RF3:
Description:
THIS DATA WAS COLLECTED DURING THE WESTERN LAKE SURVEY-PHASE I (WLS-I) AS PART OF EPA'S NATIONAL SURFACE WATER SURVEY, AQUATIC EFFECTS RESEARCH PROGRAM. THE SURVEY DESIGN, METHODS, AND DATA LIMITATIONS ARE DESCRIBED IN:
LANDERS, D.H., ET AL. 1987. CHARACTERISTICS OF LAKES IN THE WESTERN UNITED STATES. VOL. I. POPULATION DESCRIPTIONS AND PHYSICO-CHEMICAL RELATIONSHIPS. EPA/600/4-86/054A. U.S. ENVIRON. PROT. AGENCY, WASHINGTON, D.C. 176 PP.
THE DATA PRESENTED HERE ARE THOSE REPORTED IN LANDERS ET AL. (1987) WITH THE FOLLOWING EXCEPTIONS: (1) UNITS FOR CHEMICAL PARAMETERS ARE TYPICALLY IN MG/L RATHER THAN MICROEQ/L; (2) NO SUBSTITUTED VALUES ARE PROVIDED FOR SUSPECT DATA; (3) TAGS AND FLAGS USED TO IDENTIFY SUSPICIOUS DATA ARE NOT SHOWN; AND (4) CALCULATED OR DERIVED VARIABLES ARE EXCLUDED.

Parameter Inventory for Station: ROMO0095

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/02/85-10/02/85	1	3.9	3.9	3.9	3.9	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/02/85-10/02/85	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	10/02/85-10/02/85	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/02/85-10/02/85	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00154	SULFATE (AS S) WHOLE WATER, MG/L	10/02/85-10/02/85	1	1.592	1.592	1.592	1.592	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	10/02/85-10/02/85	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/02/85-10/02/85	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/02/85-10/02/85	1	0.126	0.126	0.126	0.126	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	10/02/85-10/02/85	1	78.2	78.2	78.2	78.2	0.	0.	**	**	**	**
00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	10/02/85-10/02/85	1	11.4	11.4	11.4	11.4	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/02/85-10/02/85	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	10/02/85-10/02/85	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00910	CALCIUM (MG/L AS CACO3)	10/02/85-10/02/85	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/02/85-10/02/85	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/02/85-10/02/85	1	0.55	0.55	0.55	0.55	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/02/85-10/02/85	1	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/02/85-10/02/85	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/02/85-10/02/85	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/02/85-10/02/85	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/02/85-10/02/85	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	10/02/85-10/02/85	1	29.	29.	29.	29.	0.	0.	**	**	**	**
70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	10/02/85-10/02/85	1	0.026	0.026	0.026	0.026	0.	0.	**	**	**	**

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

Parameter Inventory for Station: ROMO0095

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/02/85-10/02/85	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
71885	IRON (UG/L AS FE)	10/02/85-10/02/85	1	26.	26.	26.	26.	0.	0.	**	**	**	**
72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	10/02/85-10/02/85	1	10386.4	10386.4	10386.4	10386.4	0.	0.	**	**	**	**
82047	DEPTH TO THE TOP OF THE SAMPLING INTERVAL (METERS)	10/02/85-10/02/85	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/02/85-10/02/85	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0095

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00154	SULFATE (AS S) WHOLE WATER	Drinking Water	250.	1	0	0.00	1	0	0.00									
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: ROMO0096

NPS Station ID: ROMO0096
LAT/LON: 40.222170/-105.686588
Agency: 11NPSWRD
Date Created: 08/28/99
Location: East Inlet Fourth Lake Outlet
FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_SM_EIFRLO
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14010001
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 0
Water Body Id:
Minor Basin: UPPER COLORADO RIVER
ECO Region:
RF1 Index: 14010001
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the Isolation Peak CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0096

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	1	0.48	0.48	0.48	0.48	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	1	3.3	3.3	3.3	3.3	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0096

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: ROMO0097

NPS Station ID: ROMO0097 | LAT/LON: 40.222253/-105.646560 | Agency: 11NPSWRD | Date Created: 06/12/99
Location: THUNDER LAKE | FIPS State/County: 08013 COLORADO/BOULDER
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): ROMO_JR_CAP37
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 10190005 | Depth of Water: 0 | Aquifer:
Major Basin: MISSOURI RIVER | Elevation: 0 | Water Body Id:
Minor Basin: SOUTH PLATTE RIVER | ECO Region:
RF1 Index: 10190005 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE ISOLATION PEAK CO 7.5' SERIES (TOPO.) QUADRANGLE. THE SITE IS LOCATED AT THUNDER LAKE ON THE EAST SIDE OF THE CONTINENTAL DIVIDE AND IS WITHIN ROCKY MOUNTAIN NATIONAL PARK. THE DATA ARE FROM ANNUAL CAPSHELL SNAIL MONITORING PROGRAM REPORTS BY JOHN RIEBESELL OF THE DEPARTMENT OF NATURAL RESOURCES AT THE UNIVERSITY OF MICHIGAN IN DEARBORN MI. TTHE REPORTS SUMMARIZED POPULATION DATA AND WATER QUALITY CHARACTERISTICS OF THE HABITAT OF CAPSHELL SNAILS; A CANDIDATE FOR LISTING UNDER THE FEDERAL ENDANGERED SPECIES ACT. FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0097

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70975	TEMPERATURE, WATER,DAILY MINIMUM DEG C	07/19/96-07/19/96	1	9.9	9.9	9.9	9.9	0.	0.	**	**	**	**
70976	TEMPERATURE, WATER,DAILY MAXIMUM DEG C	07/19/96-07/19/96	1	11.1	11.1	11.1	11.1	0.	0.	**	**	**	**

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

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

Station Inventory for Station: ROMO0098

NPS Station ID: ROMO0098 | LAT/LON: 40.223310/-105.865809 | Agency: 11NPSWRD | Date Created: 06/18/99
Location: 106059/C04490 | FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): ROMO_NURE_162 /1074143 /1118621
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 14010001 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: UPPER COLORADO RIVER | ECO Region:
RF1 Index: 14010001 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE "SHADOW MOUNTAIN COLORADO" 7.5 MINUTE SERIES QUADRANGLE. THE SITE IS AT A STREAM OUTSIDE OF ROCKY MOUNTAIN NATIONAL PARK. EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO ONE WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATA BASE: "NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SOIL; STREAM SEDIMENT; SURFACE WATER; AND GROUND WATER DATA. "UNIQID" FIELD ENTRIES WERE USED TO CREATE THE SECONDARY STATION NAMES. THE "LASLID" FIELD ENTRIES (LAB SAMPLE NUMBERS) WERE USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LAB. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND KELLI O'CONNOR; NATIONAL PARK SERVICE WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0098

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/23/76-09/23/76	1	9.7	9.7	9.7	9.7	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/23/76-09/23/76	1	63.	63.	63.	63.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/23/76-09/23/76	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/23/76-09/23/76	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/23/76-09/23/76	1	0.251	0.251	0.251	0.251	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/23/76-09/23/76	1	0.27	0.27	0.27	0.27	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0098

Parameter				Total	Exceed	Prop.	----------6/10-10/31----------			----------11/01-4/10----------			----------4/11-6/09----------			--------------n/a--------------		
		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: ROMO0099

NPS Station ID: ROMO0099
LAT/LON: 40.223559/-105.692531
Agency: 11NPSWRD
Date Created: 08/28/99
Location: East Inlet Spirit Lake East Inlet
FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_SM_EISLEI
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14010001
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 0
Water Body Id:
Minor Basin: UPPER COLORADO RIVER
ECO Region:
RF1 Index: 14010001
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the Isolation Peak CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0099

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	1	0.63	0.63	0.63	0.63	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	1	5.7	5.7	5.7	5.7	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0099

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: ROMO0100

NPS Station ID: ROMO0100
LAT/LON: 40.223753/-105.692392
Agency: 11NPSWRD
Date Created: 06/18/99
Location: SPIRIT LAKE INLET
FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_NPS_SLI
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14010001
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 0
Water Body Id:
Minor Basin: UPPER COLORADO RIVER
ECO Region:
RF1 Index: 14010001
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE ISOLATION PEAK CO 7.5' SERIES (TOPO.) QUADRANGLE. THE SITE IS LOCATED AT THE INLET OF SPIRIT LAKE IN THE EAST INLET CREEK DRAINAGE AND IS WITHIN ROCKY MOUNTAIN NATIONAL PARK. THE DATA ARE FROM A STUDY CONDUCTED IN 1985 TO EXAMINE THE PRESENCE OF GIARDIA IN SOME REMOTE BACKCOUNTRY STREAMS OF ROCKY MOUNTAIN NATIONAL PARK IN AREAS OF POOR OR MARGINAL BEAVER HABITAT AND LOW HUMAN USE. DON L. MONZINGO JR. OF COLORADO STATE UNIVERSITY IN FORT COLLINS CO CONDUCTED THE STUDY. FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0100

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61229	GIARDIA CYSTS IN SURFACE WATER CATEGORIES/100L	07/22/85-07/22/85	1	0.	0.	0.	0.	0.	0.	**	**	**	**
61732	GIARDIA, FILTRATION CYSTS/100 GAL	07/22/85-07/22/85	1	0.	0.	0.	0.	0.	0.	**	**	**	**

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

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

Station Inventory for Station: ROMO0101

NPS Station ID: ROMO0101 | LAT/LON: 40.224810/-105.702449 | Agency: 11NPSWRD | Date Created: 06/18/99
Location: LAKE VERNA INLET | FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): ROMO_NPS_LVI
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14010001 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: UPPER COLORADO RIVER | ECO Region:
RF1 Index: 14010001 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE ISOLATION PEAK CO 7.5' SERIES (TOPO.) QUADRANGLE. THE SITE IS LOCATED AT THE INLET OF LAKE VERNA IN THE EAST INLET CREEK DRAINAGE AND IS WITHIN ROCKY MOUNTAIN NATIONAL PARK. THE DATA ARE FROM A STUDY CONDUCTED IN 1985 TO EXAMINE THE PRESENCE OF GIARDIA IN SOME REMOTE BACKCOUNTRY STREAMS OF ROCKY MOUNTAIN NATIONAL PARK IN AREAS OF POOR OR MARGINAL BEAVER HABITAT AND LOW HUMAN USE. DON L. MONZINGO JR. OF COLORADO STATE UNIVERSITY IN FORT COLLINS CO CONDUCTED THE STUDY. FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0101

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61229	GIARDIA CYSTS IN SURFACE WATER CATEGORIES/100L	07/22/85-07/22/85	1	0.	0.	0.	0.	0.	0.	**	**	**	**
61732	GIARDIA, FILTRATION CYSTS/100 GAL	07/22/85-07/22/85	1	0.	0.	0.	0.	0.	0.	**	**	**	**

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

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

Station Inventory for Station: ROMO0102

NPS Station ID: ROMO0102
LAT/LON: 40.224810/-105.702504
Agency: 11NPSWRD
Date Created: 08/28/99
Location: East Inlet Lake Verna Inlet
FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_SM_EILVI
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14010001
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 0
Water Body Id:
Minor Basin: UPPER COLORADO RIVER
ECO Region:
RF1 Index: 14010001
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the Isolation Peak CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0102

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	1	5.1	5.1	5.1	5.1	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0102

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: ROMO0103

NPS Station ID: ROMO0103
LAT/LON: 40.224948/-105.695337
Agency: 11NPSWRD
Date Created: 08/28/99
Location: Spirit Lake North Inlet
FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_SM_EISLNI
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14010001
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 0
Water Body Id:
Minor Basin: UPPER COLORADO RIVER
ECO Region:
RF1 Index: 14010001
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the Isolation Peak CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0103

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	1	0.85	0.85	0.85	0.85	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	1	10.3	10.3	10.3	10.3	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0103

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: ROMO0104

NPS Station ID: ROMO0104
LAT/LON: 40.225366/-105.746031
Agency: 11NPSWRD
Date Created: 08/28/99
Location: East Inlet Tributary below Lone Pine Lake
FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_SM_EITRIB
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14010001
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 0
Water Body Id:
Minor Basin: UPPER COLORADO RIVER
ECO Region:
RF1 Index: 14010001
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the Isolation Peak CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0104

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	2	1.85	1.85	1.9	1.8	0.005	0.071	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	2	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	2	0.73	0.73	0.75	0.71	0.001	0.028	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	2	0.12	0.12	0.13	0.11	0.	0.014	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	2	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	2	1.65	1.65	1.7	1.6	0.005	0.071	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	2	6.05	6.05	6.1	6.	0.005	0.071	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	2	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0104

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	2	0	0.00	2	0	0.00									
		Drinking Water	250.	2	0	0.00	2	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	2	0	0.00	2	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	2	0	0.00	2	0	0.00									

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

Station Inventory for Station: ROMO0105

NPS Station ID: ROMO0105 LAT/LON: 40.226003/-105.707170 Agency: 11NPSWRD Date Created: 06/12/99
Location: LAKE VERNA AT ROCKY POINT NEAR OUTLET FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): ROMO_JR_CAP54
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 14010001 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI RIVER Elevation: 0 Water Body Id:
Minor Basin: SOUTH PLATTE RIVER ECO Region:
RF1 Index: 14010001 RF1 Mile Point: 0.000 Distance from RF1: 12.40 On/Off RF1:
RF3 Index: 10190007002218.40 RF3 Mile Point: 18.39 Distance from RF3: 0.57 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE ISOLATION PEAK CO 7.5' SERIES (TOPO.) QUADRANGLE. THE SITE IS LOCATED AT LAKE VERNA AT ROCKY POINT ALONG THE TRAIL BY THE OUTLET AND WITHIN ROCKY MOUNTAIN NATIONAL PARK. THE DATA ARE FROM ANNUAL CAPSHELL SNAIL MONITORING PROGRAM REPORTS BY JOHN RIEBESELL OF THE DEPARTMENT OF NATURAL RESOURCES AT THE UNIVERSITY OF MICHIGAN IN DEARBORN MI. TTHE REPORTS SUMMARIZED POPULATION DATA AND WATER QUALITY CHARACTERISTICS OF THE HABITAT OF CAPSHELL SNAILS; A CANDIDATE FOR LISTING UNDER THE FEDERAL ENDANGERED SPECIES ACT. FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0105

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/01/97-08/01/97	1	10.	10.	10.	10.	0.	0.	**	**	**	**

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

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

Station Inventory for Station: ROMO0106

NPS Station ID: ROMO0106
LAT/LON: 40.226282/-105.748643
Agency: 11NPSWRD
Date Created: 08/28/99
Location: East Inlet blw Confl. with 3 Tribs. at 2798 m.
FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_SM_BCONF
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14010001
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 0
Water Body Id:
Minor Basin: UPPER COLORADO RIVER
ECO Region:
RF1 Index: 14010001
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the Isolation Peak CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0106

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	1	0.65	0.65	0.65	0.65	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	1	5.6	5.6	5.6	5.6	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0106

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: ROMO0107

NPS Station ID: ROMO0107 | LAT/LON: 40.226392/-105.707781 | Agency: 12WLS1 | Date Created: 09/03/88
Location: LAKE VERNA | FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): 4E1-028
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14010001 | Depth of Water: 82 | Aquifer:
Major Basin: | Elevation: 0 | Water Body Id:
Minor Basin: | ECO Region:
RF1 Index: 14010001 | RF1 Mile Point: 0.000 | Distance from RF1: 6.20 | On/Off RF1:
RF3 Index: 14010001110400.81 | RF3 Mile Point: 1.10 | Distance from RF3: 0.03 | On/Off RF3:
Description:
THIS DATA WAS COLLECTED DURING THE WESTERN LAKE SURVEY-PHASE I (WLS-I) AS PART OF EPA'S NATIONAL SURFACE WATER SURVEY, AQUATIC EFFECTS RESEARCH PROGRAM. THE SURVEY DESIGN, METHODS, AND DATA LIMITATIONS ARE DESCRIBED IN:
LANDERS, D.H., ET AL. 1987. CHARACTERISTICS OF LAKES IN THE WESTERN UNITED STATES. VOL. I. POPULATION DESCRIPTIONS AND PHYSICO-CHEMICAL RELATIONSHIPS. EPA/600/4-86/054A. U.S. ENVIRON. PROT. AGENCY, WASHINGTON, D.C. 176 PP.
THE DATA PRESENTED HERE ARE THOSE REPORTED IN LANDERS ET AL. (1987) WITH THE FOLLOWING EXCEPTIONS: (1) UNITS FOR CHEMICAL PARAMETERS ARE TYPICALLY IN MG/L RATHER THAN MICROEQ/L; (2) NO SUBSTITUTED VALUES ARE PROVIDED FOR SUSPECT DATA; (3) TAGS AND FLAGS USED TO IDENTIFY SUSPICIOUS DATA ARE NOT SHOWN; AND (4) CALCULATED OR DERIVED VARIABLES ARE EXCLUDED.

Parameter Inventory for Station: ROMO0107

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/02/85-10/02/85	1	6.2	6.2	6.2	6.2	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/02/85-10/02/85	1	10.3	10.3	10.3	10.3	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	10/02/85-10/02/85	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/02/85-10/02/85	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00154	SULFATE (AS S) WHOLE WATER, MG/L	10/02/85-10/02/85	1	1.136	1.136	1.136	1.136	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	10/02/85-10/02/85	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/02/85-10/02/85	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/02/85-10/02/85	1	0.158	0.158	0.158	0.158	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	10/02/85-10/02/85	1	88.7	88.7	88.7	88.7	0.	0.	**	**	**	**
00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	10/02/85-10/02/85	1	14.1	14.1	14.1	14.1	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/02/85-10/02/85	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	10/02/85-10/02/85	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
00910	CALCIUM (MG/L AS CACO3)	10/02/85-10/02/85	1	1.9	1.9	1.9	1.9	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/02/85-10/02/85	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/02/85-10/02/85	1	0.58	0.58	0.58	0.58	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/02/85-10/02/85	1	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/02/85-10/02/85	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/02/85-10/02/85	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/02/85-10/02/85	1	2.3	2.3	2.3	2.3	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/02/85-10/02/85	1	4.5	4.5	4.5	4.5	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	10/02/85-10/02/85	1	37.	37.	37.	37.	0.	0.	**	**	**	**
70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	10/02/85-10/02/85	1	0.132	0.132	0.132	0.132	0.	0.	**	**	**	**

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

Parameter Inventory for Station: ROMO0107

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/02/85-10/02/85	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
71885	IRON (UG/L AS FE)	10/02/85-10/02/85	1	16.5	16.5	16.5	16.5	0.	0.	**	**	**	**
72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	10/02/85-10/02/85	1	10186.3	10186.3	10186.3	10186.3	0.	0.	**	**	**	**
82047	DEPTH TO THE TOP OF THE SAMPLING INTERVAL (METERS)	10/02/85-10/02/85	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/02/85-10/02/85	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0107

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00154	SULFATE (AS S) WHOLE WATER	Drinking Water	250.	1	0	0.00	1	0	0.00									
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: ROMO0108

NPS Station ID: ROMO0108 | LAT/LON: 40.226392/-105.868892 | Agency: 11NPSWRD | Date Created: 06/18/99
Location: 105335/C04055 | FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): ROMO_NURE_163 /1073802 /1118280
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 14010001 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: UPPER COLORADO RIVER | ECO Region:
RF1 Index: 14010001 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE "SHADOW MOUNTAIN COLORADO" 7.5 MINUTE SERIES QUADRANGLE. THE SITE IS AT A STREAM OUTSIDE OF ROCKY MOUNTAIN NATIONAL PARK. EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO ONE WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATA BASE: "NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SOIL; STREAM SEDIMENT; SURFACE WATER; AND GROUND WATER DATA. "UNIQID" FIELD ENTRIES WERE USED TO CREATE THE SECONDARY STATION NAMES. THE "LASLID" FIELD ENTRIES (LAB SAMPLE NUMBERS) WERE USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LAB. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND KELLI O'CONNOR; NATIONAL PARK SERVICE WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0108

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/29/76-09/29/76	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/29/76-09/29/76	1	40.	40.	40.	40.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/29/76-09/29/76	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/29/76-09/29/76	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/29/76-09/29/76	1	0.316	0.316	0.316	0.316	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/29/76-09/29/76	1	1.86	1.86	1.86	1.86	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0108

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: ROMO0109

NPS Station ID: ROMO0109
LAT/LON: 40.226837/-105.740531
Agency: 11NPSWRD
Date Created: 08/28/99
Location: East Inlet below Lone Pine Lake at 2890 m.
FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_SM_EIBLPL
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14010001
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 0
Water Body Id:
Minor Basin: UPPER COLORADO RIVER
ECO Region:
RF1 Index: 14010001
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the Isolation Peak CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0109

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	1	0.56	0.56	0.56	0.56	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	1	4.1	4.1	4.1	4.1	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0109

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: ROMO0110

NPS Station ID: ROMO0110
LAT/LON: 40.227782/-105.857782
Agency: 112WRD
Date Created: 11/18/75
Location:
FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 401340105512800
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14010001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14010001
RF1 Mile Point: 0.000
Distance from RF1: 2.40
On/Off RF1:
RF3 Index: 14010001005503.76
RF3 Mile Point: 4.10
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0110

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/27/73-11/27/73	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/27/73-11/27/73	1	85.	85.	85.	85.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	11/27/73-11/27/73	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	11/27/73-11/27/73	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/27/73-11/27/73	1	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	11/27/73-11/27/73	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	11/27/73-11/27/73	1	38.	38.	38.	38.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	11/27/73-11/27/73	1	46.	46.	46.	46.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	11/27/73-11/27/73	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	11/27/73-11/27/73	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	11/27/73-11/27/73	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11/27/73-11/27/73	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	11/27/73-11/27/73	1	39.	39.	39.	39.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	11/27/73-11/27/73	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	11/27/73-11/27/73	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	11/27/73-11/27/73	1	2.3	2.3	2.3	2.3	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	11/27/73-11/27/73	1	3.4	3.4	3.4	3.4	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	11/27/73-11/27/73	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	11/27/73-11/27/73	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	11/27/73-11/27/73	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	11/27/73-11/27/73	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	11/27/73-11/27/73	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	11/27/73-11/27/73	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	11/27/73-11/27/73	1	14.	14.	14.	14.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	11/27/73-11/27/73	1	240.	240.	240.	240.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	11/27/73-11/27/73	1	20.	20.	20.	20.	0.	0.	**	**	**	**
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	11/27/73-11/27/73	1	0.	0.	0.	0.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	11/27/73-11/27/73	1	63.	63.	63.	63.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	11/27/73-11/27/73	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0110

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00				1	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00				1	0	0.00						
		Drinking Water	250.	1	0	0.00				1	0	0.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00				1	0	0.00						
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00				1	0	0.00						

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

Station Inventory for Station: ROMO0111

NPS Station ID: ROMO0111 | LAT/LON: 40.227782/-105.911115 | Agency: 113FORS2 | Date Created: 03/09/79
Location: STILLWATER CREEK #25 | FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): FS0210015060101
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 14010001 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: UPPER COLORADO RIVER | ECO Region:
RF1 Index: 14010001 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 14010001014405.47 | RF3 Mile Point: 7.86 | Distance from RF3: 0.01 | On/Off RF3:
Description:
STATION IS LOCATED APPROXIMATELY 4.0 MILES ON COLO #123 FROM HWY #34 @ CULVERT; T3N, R76W, SEC. 16 NW 1/4, ARAPAHO NATIONAL FOREST, ELEV 8660, DRAINAGE AREA 7.9 SQ MILES. STATION WAS ESTABLISHED IN 1976 TO DEVELOP BASELINE VALUES FOR THE MONITORING OF IMPACTS OF UPSTREAM AND LAND MANAGEMENT ACTIVITIES. SAMPLING INVOLVED TRANSECT AND DEPTH INTREGRATED TECHNIQUES WITH ANALYSIS BY FOREST LAB IN FT COLLINS, COLO. FREQUENCY OF SAMPLING IS 1-2 TIMES/WEEK DURING SPRING, SUMMER AND FALL. WATER USED DOWNSTREAM FOR IRRIGATION, DOMESTIC AND OTHER PURPOSES. DATA MAINTAINED BY HYDROLOGIST @ SUPERVISOR'S OFFICE IN FT COLLINS, COLORADO 303 482 5155.

Parameter Inventory for Station: ROMO0111

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/26/76-09/20/76	8	8.9	8.688	12.8	3.3	8.676	2.945	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/26/76-09/20/76	8	12.5	14.375	25.	7.	44.268	6.653	**	**	**	**
00065	STAGE, STREAM (FEET)	05/26/76-09/20/76	8	5.325	5.293	5.62	4.92	0.07	0.265	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/26/76-09/20/76	7	40.	43.857	66.	36.	111.476	10.558	**	**	**	**
00400	PH (STANDARD UNITS)	05/26/76-09/20/76	7	6.9	6.843	7.	6.6	0.016	0.127	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/26/76-09/20/76	7	6.9	6.826	7.	6.6	0.017	0.129	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/26/76-09/20/76	7	0.126	0.149	0.251	0.1	0.002	0.049	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/26/76-09/20/76	5	0.	3.6	16.	0.	48.8	6.986	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/26/76-09/20/76	5	0.	0.301	1.204	0.	0.272	0.521	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.								
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	05/26/76-09/20/76	8	0.25	0.414	1.47	0.05	0.21	0.458	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0111

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	7	0	0.00	4	0	0.00				3	0	0.00			
		Other-Lo Lim.	6.5	7	0	0.00	4	0	0.00				3	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	5	0	0.00	3	0	0.00				2	0	0.00			

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

Station Inventory for Station: ROMO0112

NPS Station ID: ROMO0112
LAT/LON: 40.227809/-105.714254
Agency: 11NPSWRD
Date Created: 08/28/99
Location: East Inlet Lake Verna Outlet
FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_SM_EILVO
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14010001
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 0
Water Body Id:
Minor Basin: UPPER COLORADO RIVER
ECO Region:
RF1 Index: 14010001
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the Isolation Peak CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0112

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	1	0.51	0.51	0.51	0.51	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	1	4.3	4.3	4.3	4.3	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0112

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: ROMO0113

NPS Station ID: ROMO0113
LAT/LON: 40.228198/-105.745671
Agency: 11NPSWRD
Date Created: 08/28/99
Location: East Inlet Tributary from Mt. Cairns
FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_SM_EICAIRN
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14010001
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 0
Water Body Id:
Minor Basin: UPPER COLORADO RIVER
ECO Region:
RF1 Index: 14010001
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the Isolation Peak CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0113

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	1	0.97	0.97	0.97	0.97	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	1	0.12	0.12	0.12	0.12	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	1	12.7	12.7	12.7	12.7	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0113

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: ROMO0114

NPS Station ID: ROMO0114 | LAT/LON: 40.229265/-105.841020 | Agency: 1118EPA8 | Date Created: 08/31/76
Location: SHADOW MTN LK 50 YDS FR. E.SHORE | FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): SHADOW LK L-7
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 14010001 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: UPPER COLORADO R. | ECO Region:
RF1 Index: 14010001044 | RF1 Mile Point: 0.340 | Distance from RF1: 0.00 | On/Off RF1: ON
RF3 Index: 14010001004400.00 | RF3 Mile Point: 0.00 | Distance from RF3: 0.21 | On/Off RF3:
Description:
DATA EXTRACTED FROM WATER QUALITY CONDITIONS IN SHADOW MTN,GRAND LAKE, GRANBY LAKE REPORT PACIFIC SOUTHWEST REGION-EPA DEC.1970
LATITUDE AND LONGITUDE COORDINATES FOR THIS STATION WERE CORRECTED BY THE NATIONAL PARK SERVICE WATER RESOURCES DIVISION FOR INCLUSION IN THIS BASELINE WATER QUALITY DATA INVENTORY AND ANALYSIS REPORT. THE AGENCY RESPONSIBLE FOR THE STATION WAS INFORMED OF THE NEED TO ALSO MAKE THE CORRECTIONS IN STORET.

Parameter Inventory for Station: ROMO0114

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/29/69-09/02/69	4	15.	12.5	20.	0.	75.	8.66	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/29/69-09/02/69	3	15.	14.333	16.	12.	4.333	2.082	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/29/69-09/02/69	3	60.	58.333	63.	52.	32.333	5.686	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/29/69-09/02/69	3	6.8	6.8	8.	5.6	1.44	1.2	**	**	**	**
00400	PH (STANDARD UNITS)	08/29/69-09/02/69	3	7.5	7.4	7.7	7.	0.13	0.361	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/29/69-09/02/69	3	7.5	7.296	7.7	7.	0.146	0.382	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/29/69-09/02/69	3	0.032	0.051	0.1	0.02	0.002	0.043	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	08/29/69-09/02/69	3	0.17	0.187	0.24	0.15	0.002	0.047	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/29/69-09/02/69	3	0.02	0.023	0.03	0.02	0.	0.006	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/29/69-09/02/69	3 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/29/69-09/02/69	3	0.19	0.21	0.27	0.17	0.003	0.053	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/29/69-09/02/69	3	0.09	0.17	0.39	0.03	0.037	0.193	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/29/69-09/02/69	3	0.03	0.063	0.14	0.02	0.004	0.067	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0114

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	3	0	0.00	3	0	0.00									
00400	PH	Fresh Chronic	9.	3	0	0.00	3	0	0.00									
		Other-Lo Lim.	6.5	3	0	0.00	3	0	0.00									
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	3	0	0.00	3	0	0.00									

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

Station Inventory for Station: ROMO0115

NPS Station ID: ROMO0115 | LAT/LON: 40.229265/-105.841020 | Agency: 1118EPA8 | Date Created: 08/31/76
Location: SHADOW MTN.LK. AT CENTER | FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): SHADOW LK L-6
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 14010001 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: UPPER COLORADO R. | ECO Region:
RF1 Index: 14010001044 | RF1 Mile Point: 0.340 | Distance from RF1: 0.00 | On/Off RF1: ON
RF3 Index: 14010001004400.00 | RF3 Mile Point: 0.00 | Distance from RF3: 0.21 | On/Off RF3:
Description:
DATA EXTRACTED FROM WATER QUALITY CONDITIONS IN SHADOW MTN,GRAND LAKE, GRANBY LAKE REPORT PACIFIC SOUTHWEST REGION-EPA DEC.1970
LATITUDE AND LONGITUDE COORDINATES FOR THIS STATION WERE CORRECTED BY THE NATIONAL PARK SERVICE WATER RESOURCES DIVISION FOR INCLUSION IN THIS BASELINE WATER QUALITY DATA INVENTORY AND ANALYSIS REPORT. THE AGENCY RESPONSIBLE FOR THE STATION WAS INFORMED OF THE NEED TO ALSO MAKE THE CORRECTIONS IN STORET.

Parameter Inventory for Station: ROMO0115

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/29/69-09/05/69	7	2.	8.286	20.	0.	96.571	9.827	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/29/69-09/05/69	6	15.	14.2	15.2	12.	1.84	1.356	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	09/05/69-09/05/69	1	84.	84.	84.	84.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/29/69-09/02/69	4	61.5	61.5	63.	60.	3.	1.732	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/29/69-09/05/69	6	7.2	7.	7.8	5.8	0.628	0.792	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	09/05/69-09/05/69	2	100.	100.	103.	97.	18.	4.243	**	**	**	**
00400	PH (STANDARD UNITS)	08/29/69-09/02/69	4	7.35	7.325	7.5	7.1	0.029	0.171	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/29/69-09/02/69	4	7.347	7.299	7.5	7.1	0.03	0.173	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/29/69-09/02/69	4	0.045	0.05	0.079	0.032	0.	0.021	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	08/29/69-09/02/69	4	0.215	0.223	0.32	0.14	0.006	0.075	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/29/69-09/02/69	4	0.025	0.03	0.05	0.02	0.	0.014	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/29/69-09/02/69	4 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/29/69-09/02/69	4	0.235	0.253	0.37	0.17	0.007	0.085	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/29/69-09/02/69	4	0.025	0.045	0.11	0.02	0.002	0.044	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/29/69-09/02/69	4	0.017	0.025	0.055	0.01	0.	0.021	**	**	**	**
60050	ALGAE, TOTAL (CELLS/ML)	09/05/69-09/05/69	1	187.	187.	187.	187.	0.	0.	**	**	**	**
60350	ALGAE, FLAGELLATE OTHER (CELLS/ML)	09/05/69-09/05/69	1	136.	136.	136.	136.	0.	0.	**	**	**	**
60370	ALGAE, DIATOMS (CELLS/ML)	09/05/69-09/05/69	1	51.	51.	51.	51.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0115

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	6	0	0.00	6	0	0.00									

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

EPA Water Quality Criteria Analysis for Station: ROMO0115

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	4	0	0.00	4	0	0.00									
		Other-Lo Lim.	6.5	4	0	0.00	4	0	0.00									
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	4	0	0.00	4	0	0.00									

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

Station Inventory for Station: ROMO0116

NPS Station ID: ROMO0116
LAT/LON: 40.229265/-105.841020
Agency: 1118EPA8
Date Created: 08/31/76
Location: SHADOW MTN.LK.AT NPS DOCK
FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): SHADOW LK L-8
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14010001
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 0
Water Body Id:
Minor Basin: UPPER COLORADO R.
ECO Region:
RF1 Index: 14010001044
RF1 Mile Point: 0.340
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 14010001004400.00
RF3 Mile Point: 0.00
Distance from RF3: 0.21
On/Off RF3:
Description:
DATA EXTRACTED FROM WATER QUALITY CONDITIONS IN SHADOW MTN,GRAND LAKE, GRANBY LAKE REPORT PACIFIC SOUTHWEST REGION-EPA DEC.1970
LATITUDE AND LONGITUDE COORDINATES FOR THIS STATION WERE CORRECTED BY THE NATIONAL PARK SERVICE WATER RESOURCES DIVISION FOR INCLUSION IN THIS BASELINE WATER QUALITY DATA INVENTORY AND ANALYSIS REPORT. THE AGENCY RESPONSIBLE FOR THE STATION WAS INFORMED OF THE NEED TO ALSO MAKE THE CORRECTIONS IN STORET.

Parameter Inventory for Station: ROMO0116

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/29/69-09/05/69	5	5.	4.	8.	0.	9.5	3.082	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/29/69-09/05/69	4	16.	16.	17.5	14.5	2.167	1.472	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	09/05/69-09/05/69	1	86.	86.	86.	86.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/29/69-08/30/69	2 ##	47.5	47.5	70.	25.	1012.5	31.82	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/29/69-09/05/69	4	7.45	7.6	8.3	7.2	0.233	0.483	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	09/05/69-09/05/69	2	97.	97.	99.	95.	8.	2.828	**	**	**	**
00400	PH (STANDARD UNITS)	08/29/69-08/30/69	2	7.85	7.85	8.	7.7	0.045	0.212	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/29/69-08/30/69	2	7.825	7.825	8.	7.7	0.046	0.215	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/29/69-08/30/69	2	0.015	0.015	0.02	0.01	0.	0.007	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	08/29/69-08/30/69	2	0.385	0.385	0.39	0.38	0.	0.007	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/30/69-08/30/69	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/29/69-08/30/69	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/29/69-08/30/69	2	0.7	0.7	0.96	0.44	0.135	0.368	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/29/69-08/30/69	2	0.335	0.335	0.48	0.19	0.042	0.205	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/29/69-08/30/69	2	0.168	0.168	0.254	0.082	0.015	0.122	**	**	**	**
60050	ALGAE, TOTAL (CELLS/ML)	09/05/69-09/05/69	1	272.	272.	272.	272.	0.	0.	**	**	**	**
60100	ALGAE, COCCOID BLUE-GREEN (CELLS/ML)	09/05/69-09/05/69	1	17.	17.	17.	17.	0.	0.	**	**	**	**
60300	ALGAE, FLAGELLATE GREEN (CELLS/ML)	09/05/69-09/05/69	1	34.	34.	34.	34.	0.	0.	**	**	**	**
60350	ALGAE, FLAGELLATE OTHER (CELLS/ML)	09/05/69-09/05/69	1	102.	102.	102.	102.	0.	0.	**	**	**	**
60370	ALGAE, DIATOMS (CELLS/ML)	09/05/69-09/05/69	1	119.	119.	119.	119.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0116

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	0	0.00	4	0	0.00									
00400	PH	Fresh Chronic	9.	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	0	0.00	2	0	0.00									
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00	2	0	0.00									

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

Station Inventory for Station: ROMO0117

NPS Station ID: ROMO0117 | LAT/LON: 40.229265/-105.841020 | Agency: 1118EPA8 | Date Created: 08/31/76
Location: SHADOW MTN.LK.BET.LK.KOVE&MARINA | FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): SHADOW LK L-5
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 14010001 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: UPPER COLORADO R. | ECO Region:
RF1 Index: 14010001044 | RF1 Mile Point: 0.340 | Distance from RF1: 0.00 | On/Off RF1: ON
RF3 Index: 14010001004400.00 | RF3 Mile Point: 0.00 | Distance from RF3: 0.21 | On/Off RF3:
Description:
DATA EXTRACTED FROM WATER QUALITY CONDITIONS IN SHADOW MTN,GRAND LAKE, GRANBY LAKE REPORT PACIFIC SOUTHWEST REGION-EPA DEC.1970
LATITUDE AND LONGITUDE COORDINATES FOR THIS STATION WERE CORRECTED BY THE NATIONAL PARK SERVICE WATER RESOURCES DIVISION FOR INCLUSION IN THIS BASELINE WATER QUALITY DATA INVENTORY AND ANALYSIS REPORT. THE AGENCY RESPONSIBLE FOR THE STATION WAS INFORMED OF THE NEED TO ALSO MAKE THE CORRECTIONS IN STORET.

Parameter Inventory for Station: ROMO0117

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/29/69-09/03/69	4	11.	10.5	20.	0.	67.667	8.226	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/29/69-09/03/69	4	13.75	13.625	14.	13.	0.229	0.479	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/29/69-09/03/69	4	61.	52.5	63.	25.	337.667	18.376	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/29/69-09/03/69	4	5.8	6.15	7.8	5.2	1.317	1.147	**	**	**	**
00400	PH (STANDARD UNITS)	08/29/69-09/03/69	4	7.1	7.125	7.5	6.8	0.083	0.287	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/29/69-09/03/69	4	7.1	7.059	7.5	6.8	0.088	0.297	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/29/69-09/03/69	4	0.079	0.087	0.158	0.032	0.003	0.053	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	08/29/69-09/03/69	4	0.32	0.3	0.43	0.13	0.016	0.127	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/29/69-09/03/69	4	0.04	0.073	0.19	0.02	0.006	0.079	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/29/69-09/03/69	4 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/29/69-09/03/69	4	0.43	0.373	0.48	0.15	0.023	0.152	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/29/69-09/03/69	4	0.02	0.023	0.03	0.02	0.	0.005	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/29/69-09/03/69	4	0.02	0.022	0.033	0.016	0.	0.007	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0117

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	0	0.00	4	0	0.00									
00400	PH	Fresh Chronic	9.	4	0	0.00	4	0	0.00									
		Other-Lo Lim.	6.5	4	0	0.00	4	0	0.00									
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	4	0	0.00	4	0	0.00									

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

Station Inventory for Station: ROMO0118

NPS Station ID: ROMO0118 | LAT/LON: 40.229615/-105.633810 | Agency: 11NPSWRD | Date Created: 06/12/99
Location: CASTLE LAKE NORTH OF THE OUTLET | FIPS State/County: 08013 COLORADO/BOULDER
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): ROMO_JR_CAP29
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 10190005 | Depth of Water: 0 | Aquifer:
Major Basin: MISSOURI RIVER | Elevation: 0 | Water Body Id:
Minor Basin: SOUTH PLATTE RIVER | ECO Region:
RF1 Index: 10190005 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE ISOLATION PEAK CO 7.5' SERIES (TOPO.) QUADRANGLE. THE SITE IS LOCATED AT CASTLE LAKE NORTH OF THE OUTLET AND IS WITHIN ROCKY MOUNTAIN NATIONAL PARK. THE DATA ARE FROM ANNUAL CAPSHELL SNAIL MONITORING PROGRAM REPORTS BY JOHN RIEBESELL OF THE DEPARTMENT OF NATURAL RESOURCES AT THE UNIVERSITY OF MICHIGAN IN DEARBORN MI. TTHE REPORTS SUMMARIZED POPULATION DATA AND WATER QUALITY CHARACTERISTICS OF THE HABITAT OF CAPSHELL SNAILS; A CANDIDATE FOR LISTING UNDER THE FEDERAL ENDANGERED SPECIES ACT. FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0118

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/20/97-07/20/97	1	10.	10.	10.	10.	0.	0.	**	**	**	**

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

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

Station Inventory for Station: ROMO0119

NPS Station ID: ROMO0119
LAT/LON: 40.229976/-105.721699
Agency: 11NPSWRD
Date Created: 08/28/99
Location: East Inlet between Verna and Lone Pine Lakes
FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_SM_EIBVLP
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14010001
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 0
Water Body Id:
Minor Basin: UPPER COLORADO RIVER
ECO Region:
RF1 Index: 14010001
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the Isolation Peak CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0119

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	1	0.54	0.54	0.54	0.54	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	1	4.2	4.2	4.2	4.2	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0119

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: ROMO0120

NPS Station ID: ROMO0120
LAT/LON: 40.231142/-105.732254
Agency: 11NPSWRD
Date Created: 08/28/99
Location: East Inlet Lone Pine Lake Outlet
FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_SM_EILPLO
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14010001
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 0
Water Body Id:
Minor Basin: UPPER COLORADO RIVER
ECO Region:
RF1 Index: 14010001
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the Isolation Peak CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0120

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	1	0.53	0.53	0.53	0.53	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	1	3.9	3.9	3.9	3.9	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0120

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: ROMO0121

NPS Station ID: ROMO0121 | LAT/LON: 40.231698/-105.495004 | Agency: 11NPSWRD | Date Created: 06/18/99
Location: 105854/C04334 | FIPS State/County: 08013 COLORADO/BOULDER
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): ROMO_NURE_191 /1074031 /1118509
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 10190005 | Depth of Water: 0 | Aquifer:
Major Basin: MISSOURI RIVER | Elevation: 0 | Water Body Id:
Minor Basin: SOUTH PLATTE RIVER | ECO Region:
RF1 Index: 10190005 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE "RAYMOND COLORADO" 7.5 MINUTE SERIES QUADRANGLE. THE SITE IS AT A STREAM OUTSIDE OF ROCKY MOUNTAIN NATIONAL PARK. EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO ONE WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATA BASE: "NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SOIL; STREAM SEDIMENT; SURFACE WATER; AND GROUND WATER DATA. "UNIQID" FIELD ENTRIES WERE USED TO CREATE THE SECONDARY STATION NAMES. THE "LASLID" FIELD ENTRIES (LAB SAMPLE NUMBERS) WERE USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LAB. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND KELLI O'CONNOR; NATIONAL PARK SERVICE WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0121

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/21/76-09/21/76	1	12.2	12.2	12.2	12.2	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/21/76-09/21/76	1	34.	34.	34.	34.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/21/76-09/21/76	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/21/76-09/21/76	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/21/76-09/21/76	1	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/21/76-09/21/76	1	2.63	2.63	2.63	2.63	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0121

				Total	Exceed	Prop.	6/10-10/31			11/01-4/10			4/11-6/09			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: ROMO0122

NPS Station ID: ROMO0122
LAT/LON: 40.232059/-105.729949
Agency: 11NPSWRD
Date Created: 08/28/99
Location: East Inlet Lone Pine Lake Inlet
FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_SM_EILPLI
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14010001
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 0
Water Body Id:
Minor Basin: UPPER COLORADO RIVER
ECO Region:
RF1 Index: 14010001
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the Isolation Peak CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0122

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	1	0.56	0.56	0.56	0.56	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	1	4.2	4.2	4.2	4.2	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0122

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: ROMO0123

NPS Station ID: ROMO0123
LAT/LON: 40.232142/-105.729921
Agency: 11NPSWRD
Date Created: 06/18/99
Location: LONE PINE LAKE INLET
FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_NPS_LPLI
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14010001
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 0
Water Body Id:
Minor Basin: UPPER COLORADO RIVER
ECO Region:
RF1 Index: 14010001
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE ISOLATION PEAK CO 7.5' SERIES (TOPO.) QUADRANGLE. THE SITE IS LOCATED AT THE INLET OF LONE PINE LAKE IN THE EAST INLET CREEK DRAINAGE AND IS WITHIN ROCKY MOUNTAIN NATIONAL PARK. THE DATA ARE FROM A STUDY CONDUCTED IN 1985 TO EXAMINE THE PRESENCE OF GIARDIA IN SOME REMOTE BACKCOUNTRY STREAMS OF ROCKY MOUNTAIN NATIONAL PARK IN AREAS OF POOR OR MARGINAL BEAVER HABITAT AND LOW HUMAN USE. DON L. MONZINGO JR. OF COLORADO STATE UNIVERSITY IN FORT COLLINS CO CONDUCTED THE STUDY. FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0123

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61229	GIARDIA CYSTS IN SURFACE WATER CATEGORIES/100L	07/22/85-07/22/85	2	0.	0.	0.	0.	0.	0.	**	**	**	**
61732	GIARDIA, FILTRATION CYSTS/100 GAL	07/22/85-07/22/85	2	0.	0.	0.	0.	0.	0.	**	**	**	**

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

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

Station Inventory for Station: ROMO0124

NPS Station ID: ROMO0124
LAT/LON: 40.232309/-105.638003
Agency: 11NPSWRD
Date Created: 06/12/99
Location: LION LAKE NO. 1 ALONG THE EAST SIDE
FIPS State/County: 08013 COLORADO/BOULDER
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): ROMO_JR_CAP33
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190005
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190005
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE ISOLATION PEAK CO 7.5' SERIES (TOPO.) QUADRANGLE. THE SITE IS LOCATED AT LION LAKE NO. 1 ALONG THE EAST SIDE AND IS WITHIN ROCKY MOUNTAIN NATIONAL PARK. THE DATA ARE FROM ANNUAL CAPSHELL SNAIL MONITORING PROGRAM REPORTS BY JOHN RIEBESELL OF THE DEPARTMENT OF NATURAL RESOURCES AT THE UNIVERSITY OF MICHIGAN IN DEARBORN MI. TTHE REPORTS SUMMARIZED POPULATION DATA AND WATER QUALITY CHARACTERISTICS OF THE HABITAT OF CAPSHELL SNAILS; A CANDIDATE FOR LISTING UNDER THE FEDERAL ENDANGERED SPECIES ACT. FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0124

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/20/97-07/20/97	1	9.	9.	9.	9.	0.	0.	**	**	**	**

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

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

Station Inventory for Station: ROMO0125

NPS Station ID: ROMO0125 | LAT/LON: 40.232420/-105.731393 | Agency: 11NPSWRD | Date Created: 06/12/99
Location: LONE PINE LAKE BTW INLET & OUTLET | | FIPS State/County: 08049 COLORADO/GRAND |
Station Type: /TYPA/AMBNT/LAKE | | STORET Station ID(s): ROMO_JR_CAP47 |
RMI-Indexes: | | Within Park Boundary: Yes |
RMI-Miles: | | | |
HUC: 14010001 | Depth of Water: 0 | Aquifer: |
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id: |
Minor Basin: UPPER COLORADO RIVER | | ECO Region: |
RF1 Index: 14010001 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:

Description:
THE STATION IS LOCATED ON THE ISOLATION PEAK CO 7.5' SERIES (TOPO.) QUADRANGLE. THE SITE IS LOCATED AT LONE PINE LAKE ALONG THE TRAIL MIDWAY BETWEEN THE INLET AND OUTLET TO THE LAKE AND IS WITHIN ROCKY MOUNTAIN PARK. THE DATA ARE FROM ANNUAL CAPSHELL SNAIL MONITORING PROGRAM REPORTS BY JOHN RIEBESELL OF THE DEPARTMENT OF NATURAL RESOURCES AT THE UNIVERSITY OF MICHIGAN IN DEARBORN MI. TTHE REPORTS SUMMARIZED POPULATION DATA AND WATER QUALITY CHARACTERISTICS OF THE HABITAT OF CAPSHELL SNAILS; A CANDIDATE FOR LISTING UNDER THE FEDERAL ENDANGERED SPECIES ACT. FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0125

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094 SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/01/97-08/01/97	1	10.	10.	10.	10.	0.	0.	**	**	**	**

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

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

Station Inventory for Station: ROMO0126

NPS Station ID: ROMO0126
LAT/LON: 40.234031/-105.637726
Agency: 11NPSWRD
Date Created: 10/13/99
Location: NORTH ST. VRAIN CRK NEAR MT. ALICE
FIPS State/County: 08013 COLORADO/BOULDER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_NPS_ALIC
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190005
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190005
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE ISOLATION PEAK CO 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT NORTH ST. VRAIN CREEK NEAR MOUNT ALICE AND BELOW TRIO FALLS AND IS LOCATED INSIDE OF ROCKY MOUNTAIN NATIONAL PARK. THE DATA WERE COLLECTED BY JAMES H. MCCUTCHAN OF THE UNIVERSITY OF COLORADO AT BOULDER IN BOULDER CO FOR GRADUATE SCHOOL RESEARCH TO DETERMINE THE AMOUNT OF CARBON CONTRIBUTED TO INVERTEBRATES IN ROCKY MOUNTAIN STREAMS BY ALGAE COMPARED TO THE AMOUNT OF CARBON CONTRIBUTED BY TERRESTRIAL VASCULAR PLANTS. FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0126

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/01/96-10/08/96	4747	8.	7.48	20.	0.	9.148	3.025	3.	6.	10.	11.

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

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

Station Inventory for Station: ROMO0127

NPS Station ID: ROMO0127
LAT/LON: 40.235044/-105.639496
Agency: 11NPSWRD
Date Created: 06/18/99
Location: N. ST. VRAIN CREEK NEAR MT. ALICE
FIPS State/County: 08013 COLORADO/BOULDER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_JHM_ALIC
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190005
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190005
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE ISOLATION PEAK CO 7.5' SERIES (TOPO.) QUADRANGLE. THE SITE IS AT NORTH ST. VRAIN CREEK NEAR MT. ALICE AND BELOW TRIO FALLS AND IS LOCATED INSIDE OF ROCKY MOUNTAIN NATIONAL PARK. THE DATA WERE COLLECTED BY JAMES H. MCCUTCHAN OF THE UNIVERSITY COLORADO AT BOULDER IN BOULDER CO FOR GRADUATE SCHOOL RESEARCH AND THE DATA AND ANALYSIS RESULTS WILL BE INCLUDED IN HIS PHD DISSERTATION. THE PURPOSE OF THE RESEARCH WAS TO DETERMINE THE AMOUNT OF ALGAL CARBON CONTRIBUTED TO INVERTEBRATES IN ROCKY MOUNTAIN STREAMS COMPARED TO THE AMOUNT OF CARBON CONTRIBUTED BY TERRESTRIAL VASCULAR PLANTS. FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL.970-225-3516).

Parameter Inventory for Station: ROMO0127

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/14/94-07/01/96	8	0.009	0.008	0.012	0.004	0.	0.002	**	**	**	**
00667	PHOSPHORUS, SUSPENDED (MG/L AS P)	06/14/94-07/01/96	6	0.028	0.031	0.064	0.009	0.	0.018	**	**	**	**
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	06/14/94-07/01/96	8	1.005	1.824	8.55	0.29	7.469	2.733	**	**	**	**
50786	ORTHOPHOSPHATE AS P, WATER MG/L	06/14/94-07/01/96	8	0.002	0.003	0.006	0.002	0.	0.001	**	**	**	**

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

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

Station Inventory for Station: ROMO0128

NPS Station ID: ROMO0128 LAT/LON: 40.236115/-105.802226 Agency: 11EPALES Date Created: / /
Location: ECHO CREEK FIPS State/County: 08000 COLORADO/
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 0807B1
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 14010001 Depth of Water: 0 Aquifer:
Major Basin: T/GRAND LAKE Elevation: 0 Water Body Id:
Minor Basin: BNK 100 FT S END SEC RD .4 MI S W PORTAL ECO Region:
RF1 Index: 14010001045 RF1 Mile Point: 4.520 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 14010001007100.00 RF3 Mile Point: 0.00 Distance from RF3: 0.03 On/Off RF3:
Description:
BANK SAMPLE 100 FT S OF END OF SECONDARY RD 0.4 MI S OF WEST PORTAL 2.0 MI SE OF CITY OF GRAND LAKE SEC 9 T3N R75W

Parameter Inventory for Station: ROMO0128

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/28/74-08/23/75	8	0.018	0.016	0.025	0.005	0.	0.006	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/28/74-09/28/74	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/28/74-09/28/74	1	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/28/74-08/23/75	7	0.35	0.425	0.85	0.025	0.067	0.259	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/28/74-08/23/75	8	0.025	0.032	0.08	0.005	0.001	0.026	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/28/74-08/23/75	8 ##	0.008	0.009	0.02	0.003	0.	0.007	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/28/74-08/23/75	8 ##	0.003	0.005	0.02	0.003	0.	0.006	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0128

				Total	Exceed	Prop.	6/10-10/31			11/01-4/10			4/11-6/09			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	8	0	0.00	6	0	0.00	1	0	0.00	1	0	0.00			

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

Station Inventory for Station: ROMO0129

NPS Station ID: ROMO0129 | LAT/LON: 40.236392/-105.797503 | Agency: 11NPSWRD | Date Created: 06/18/99
Location: 106065/C04496 | FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): ROMO_NURE_230 /1074149 /1118627
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14010001 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: UPPER COLORADO RIVER | ECO Region:
RF1 Index: 14010001 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE SHADOW MOUNTAIN CO 7.5' SERIES (TOPO.) QUAD. THE SITE IS AT A STREAM WITHIN ROCKY MOUNTAIN NATIONAL PARK (ROMO). EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN ONE WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE U.S. GEOLOGICAL SURVEY "NATIONAL GEOCHEMICAL DATA BASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND KIM BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. "UNIQID" ENTRIES WERE USED TO CREATE THE SECONDARY STATION NAMES. "LASLID" ENTRIES WERE USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LABORATORY. FOR MORE INFORMATION ABOUT THE PARK CONTACT NATURAL RESOURCES AT ROMO; ESTES PARK; CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AT NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS; CO 80525 (TEL. 970-225-3556).

Parameter Inventory for Station: ROMO0129

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/23/76-09/23/76	1	8.5	8.5	8.5	8.5	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/23/76-09/23/76	1	142.	142.	142.	142.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/23/76-09/23/76	1	5.6	5.6	5.6	5.6	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/23/76-09/23/76	1	5.6	5.6	5.6	5.6	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/23/76-09/23/76	1	2.512	2.512	2.512	2.512	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/23/76-09/23/76	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0129

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: ROMO0130

NPS Station ID: ROMO0130
LAT/LON: 40.237226/-105.775005
Agency: 112WRD
Date Created: 11/18/75
Location: UPPER MEADOWS EAST INLET
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 401414105463000
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14010001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14010001
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 10190007000409.32
RF3 Mile Point: 10.80
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0130

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/08/74-07/08/74	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/08/74-07/08/74	1	92.	92.	92.	92.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/08/74-07/08/74	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/08/74-07/08/74	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/08/74-07/08/74	1	0.158	0.158	0.158	0.158	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	07/08/74-07/08/74	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/08/74-07/08/74	1	43.	43.	43.	43.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	07/08/74-07/08/74	1	52.	52.	52.	52.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	07/08/74-07/08/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/08/74-07/08/74	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	07/08/74-07/08/74	1	0.12	0.12	0.12	0.12	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/08/74-07/08/74	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/08/74-07/08/74	1	35.	35.	35.	35.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/08/74-07/08/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/08/74-07/08/74	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/08/74-07/08/74	1	2.4	2.4	2.4	2.4	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/08/74-07/08/74	1	5.8	5.8	5.8	5.8	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	07/08/74-07/08/74	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	07/08/74-07/08/74	1	26.	26.	26.	26.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/08/74-07/08/74	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/08/74-07/08/74	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/08/74-07/08/74	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/08/74-07/08/74	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/08/74-07/08/74	1	16.	16.	16.	16.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/08/74-07/08/74	1	640.	640.	640.	640.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/08/74-07/08/74	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/08/74-07/08/74	1	72.	72.	72.	72.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	07/08/74-07/08/74	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0130

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: ROMO0131

NPS Station ID: ROMO0131 LAT/LON: 40.237504/-105.808337 Agency: 21COLSS0 Date Created: 12/01/90
Location: GRAND LAKE,NR TOWN OF GRAND LK,SE END OF LAKE FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): GRAND03
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 14010001 Depth of Water: 193 Aquifer:
Major Basin: COLORADO RIVER Elevation: 2552 Water Body Id: COUCUC02L1 GRAND LAKE
Minor Basin: UPPER COLORADO RIVER ECO Region:
RF1 Index: 14010001 RF1 Mile Point: 0.000 Distance from RF1: 1.00 On/Off RF1:
RF3 Index: 14010001004400.00 RF3 Mile Point: 0.00 Distance from RF3: 0.06 On/Off RF3:
Description:
STATION LOCATED ON SOUTHEAST END OF LAKE, 1/4MI FROM EAST SHORE, 100YD FROM SOUTH SHORE. T3N R75W, NE1/4 OF NE1/4 OF SEC8.

Parameter Inventory for Station: ROMO0131

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/14/90-09/14/90	26	62.5	71.192	192.	3.	3061.202	55.328	9.1	25.25	102.25	168.8
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/14/90-09/14/90	26	7.25	8.985	17.2	4.2	19.862	4.457	4.27	5.375	13.3	16.52
00300	OXYGEN, DISSOLVED MG/L	09/14/90-09/14/90	26	6.8	6.858	8.6	5.4	0.883	0.94	5.77	6.075	7.35	8.36
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/14/90-09/14/90	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/14/90-09/14/90	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/14/90-09/14/90	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/14/90-09/14/90	1 ##	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	09/14/90-09/14/90	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	09/14/90-09/14/90	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	09/14/90-09/14/90	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	09/14/90-09/14/90	1 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	09/14/90-09/14/90	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	09/14/90-09/14/90	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	09/14/90-09/14/90	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	09/14/90-09/14/90	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	09/14/90-09/14/90	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0131

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	26	0	0.00	26	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG	Fresh Acute	4.1	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Fresh Acute	120.	1	0	0.00	1	0	0.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Fresh Acute	3.9	1	0	0.00	1	0	0.00									
		Drinking Water	5.	1	0	0.00	1	0	0.00									
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Fresh Acute	82.	1	0	0.00	1	0	0.00									
		Drinking Water	15.	1	0	0.00	1	0	0.00									

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

EPA Water Quality Criteria Analysis for Station: ROMO0131

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Fresh Acute	18.	1	0	0.00	1	0	0.00									
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01147	SELENIUM, TOTAL	Fresh Acute	20.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00	1	0	0.00									
		Drinking Water	2.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: ROMO0132

NPS Station ID: ROMO0132 LAT/LON: 40.239726/-105.805005 Agency: 11EPALES Date Created: 01/09/76
Location: GRAND LAKE FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): 080701
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 14010001 Depth of Water: 999 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 14010001045 RF1 Mile Point: 4.630 Distance from RF1: 4.00 On/Off RF1: OFF
RF3 Index: 14010001004900.63 RF3 Mile Point: 0.74 Distance from RF3: 0.31 On/Off RF3:
Description:
1/2 MILE DUE W FR W PORTAL; IN MIDDLE OF LAKE. COMMENTS: 8-26 ULE 16; INTEG 18 FT; 1% LIGHT, 18 FT. 10-10 ULE 16; 1% LIGHT, 16 FT; INTEG 16 FT; DEPTH 999 FT. MAP: SHADOW MTN COLO QUAD

Parameter Inventory for Station: ROMO0132

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/26/75-10/10/75	16	70.	85.875	220.	0.	6439.183	80.245	0.	7.75	161.25	220.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/26/75-10/10/75	16	5.85	6.713	12.	1.2	15.899	3.987	1.41	3.175	10.575	11.86
00074	TURBIDITY, TRANSMISSOMETER, PERCENT TRANSMISSION	08/26/75-10/10/75	16	97.5	97.375	101.	93.	14.117	3.757	93.	94.	101.	101.
00077	TRANSPARENCY, SECCHI DISC (INCHES)	08/26/75-10/10/75	2	132.	132.	168.	96.	2592.	50.912	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/26/75-10/10/75	16	19.	18.875	35.	0.5	188.35	13.724	0.5	6.	32.75	34.3
00300	OXYGEN, DISSOLVED MG/L	08/26/75-10/10/75	14	7.5	6.986	8.	4.8	1.006	1.003	5.2	6.	7.65	8.
00400	PH (STANDARD UNITS)	08/26/75-10/10/75	16	6.8	6.788	7.3	6.3	0.119	0.344	6.37	6.463	7.138	7.3
00400	CONVERTED PH (STANDARD UNITS)	08/26/75-10/10/75	16	6.8	6.672	7.3	6.3	0.133	0.364	6.37	6.462	7.137	7.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/26/75-10/10/75	16	0.158	0.213	0.501	0.05	0.022	0.147	0.05	0.073	0.345	0.429
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/26/75-10/10/75	16	22.	20.813	27.	13.	14.563	3.816	13.	19.	23.	24.9
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/26/75-10/10/75	16 ##	0.01	0.011	0.02	0.01	0.	0.003	0.01	0.01	0.01	0.013
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/26/75-10/10/75	16 ##	0.1	0.144	0.4	0.1	0.007	0.081	0.1	0.1	0.2	0.26
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/26/75-10/10/75	16 ##	0.01	0.06	0.18	0.01	0.004	0.063	0.01	0.01	0.12	0.166
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/26/75-10/10/75	16	0.012	0.013	0.023	0.009	0.	0.004	0.009	0.01	0.016	0.021
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/26/75-10/10/75	16	0.003	0.005	0.011	0.002	0.	0.003	0.002	0.003	0.006	0.01
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	08/26/75-10/10/75	2	5.1	5.1	5.5	4.7	0.32	0.566	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	08/26/75-10/10/75	2	999.	999.	999.	999.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0132

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	14	0	0.00	14	0	0.00									
00400	PH	Fresh Chronic	9.	16	0	0.00	16	0	0.00									
		Other-Lo Lim.	6.5	16	6	0.38	16	6	0.38									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	16	0	0.00	16	0	0.00									

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

Station Inventory for Station: ROMO0133

NPS Station ID: ROMO0133 LAT/LON: 40.240281/-105.815281 Agency: 21COLSS0 Date Created: 12/01/90
Location: GRAND LAKE, NR TOWN OF GRAND LK,SW PART OF LAKE FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): GRAND02
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 14010001 Depth of Water: 62 Aquifer:
Major Basin: COLORADO RIVER Elevation: 2552 Water Body Id: COUCUC02L1 GRAND LAKE
Minor Basin: UPPER COLORADO RIVER ECO Region:
RF1 Index: 14010001 RF1 Mile Point: 0.000 Distance from RF1: 0.70 On/Off RF1:
RF3 Index: 14010001004800.00 RF3 Mile Point: 0.00 Distance from RF3: 0.04 On/Off RF3:
Description:
STATION LOCATED ON SOUTHWEST PART OF LAKE, APPROXIMATELY 100M FROM SOUTH SHORE, ACROSS FROM NORTH INLET. T3N R75W, SE1/4 OF SW1/4 OF SEC5.

Parameter Inventory for Station: ROMO0133

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/21/90-09/14/90	21	33.	32.238	61.	3.	317.69	17.824	7.6	16.	47.5	58.4
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/21/90-09/14/90	21	9.5	11.024	17.8	6.7	14.015	3.744	7.08	7.65	15.45	16.1
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/21/90-09/14/90	2	2.8	2.8	3.05	2.55	0.125	0.354	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/21/90-09/14/90	21	6.8	6.933	8.2	6.3	0.256	0.506	6.4	6.45	7.45	7.5
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/21/90-09/14/90	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/21/90-09/14/90	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/21/90-09/14/90	3 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/21/90-09/14/90	3	0.015	0.013	0.018	0.005	0.	0.007	**	**	**	**
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	08/21/90-09/14/90	3 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/21/90-08/21/90	2 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	08/21/90-08/21/90	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	08/21/90-08/21/90	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	08/21/90-08/21/90	2 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	09/14/90-09/14/90	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/21/90-08/21/90	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	09/14/90-09/14/90	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	09/14/90-09/14/90	1 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	09/14/90-09/14/90	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	09/14/90-09/14/90	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	08/21/90-09/14/90	3 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	08/21/90-08/21/90	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	09/14/90-09/14/90	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
46460	CHLOROPHYLL-A, SPECTRO,CORRECT FOR PHEOPHYTIN UG/L	08/21/90-09/14/90	2	7.75	7.75	8.3	7.2	0.605	0.778	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	08/21/90-09/14/90	3 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0133

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	21	0	0.00	21	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	3	0	0.00	3	0	0.00									

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

EPA Water Quality Criteria Analysis for Station: ROMO0133

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	2	0	0.00	2	0	0.00									
		Drinking Water	5.	2	0	0.00	2	0	0.00									
01040	COPPER, DISSOLVED	Fresh Acute	18.	2	0	0.00	2	0	0.00									
		Drinking Water	1300.	2	0	0.00	2	0	0.00									
01049	LEAD, DISSOLVED	Fresh Acute	82.	2	0	0.00	2	0	0.00									
		Drinking Water	15.	2	0	0.00	2	0	0.00									
01075	SILVER, DISSOLVED	Fresh Acute	4.1	2	0	0.00	2	0	0.00									
		Drinking Water	100.	2	0	0.00	2	0	0.00									
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG	Fresh Acute	4.1	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
01090	ZINC, DISSOLVED	Fresh Acute	120.	2	0	0.00	2	0	0.00									
		Drinking Water	5000.	2	0	0.00	2	0	0.00									
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Fresh Acute	120.	1	0	0.00	1	0	0.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Fresh Acute	3.9	1	0	0.00	1	0	0.00									
		Drinking Water	5.	1	0	0.00	1	0	0.00									
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Fresh Acute	82.	1	0	0.00	1	0	0.00									
		Drinking Water	15.	1	0	0.00	1	0	0.00									
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Fresh Acute	18.	1	0	0.00	1	0	0.00									
		Drinking Water	1300.	1	0	0.00	1	0	0.00									
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	2	0	0.00	2	0	0.00									
		Drinking Water	50.	2	0	0.00	2	0	0.00									
01147	SELENIUM, TOTAL	Fresh Acute	20.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	1	0	0.00	1	0	0.00									
71900	MERCURY, TOTAL	Fresh Acute	2.4	3	0	0.00	3	0	0.00									
		Drinking Water	2.	3	0	0.00	3	0	0.00									

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

Station Inventory for Station: ROMO0134

NPS Station ID: ROMO0134
LAT/LON: 40.241114/-105.802367
Agency: 1118EPA8
Date Created: 08/31/76
Location: GRAND LAKE 100 YDS E. OF W. PORT
FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): GRAND LAKE L-1
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 0
Water Body Id:
Minor Basin: UPPER COLORADO R.
ECO Region:
RF1 Index: 10190006013
RF1 Mile Point: 6.060
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 14010001004201.95
RF3 Mile Point: 3.44
Distance from RF3: 0.10
On/Off RF3:
Description:
DATA EXTRACTED FROM WATER QUALITY CONDITIONS IN SHADOW MTN,GRAND LAKE, GRANBY LAKE REPORT PACIFIC SOUTHWEST REGION-EPA DEC.1970
LATITUDE AND LONGITUDE COORDINATES FOR THIS STATION WERE CORRECTED BY THE NATIONAL PARK SERVICE WATER RESOURCES DIVISION FOR INCLUSION IN THIS BASELINE WATER QUALITY DATA INVENTORY AND ANALYSIS REPORT. THE AGENCY RESPONSIBLE FOR THE STATION WAS INFORMED OF THE NEED TO ALSO MAKE THE CORRECTIONS IN STORET.

Parameter Inventory for Station: ROMO0134

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/28/69-09/06/69	19	50.	51.947	135.	0.	2103.164	45.86	0.	2.	90.	120.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/28/69-09/06/69	19	10.5	11.221	17.	5.5	18.792	4.335	5.5	7.2	15.5	16.6
00077	TRANSPARENCY, SECCHI DISC (INCHES)	09/06/69-09/06/69	1	162.	162.	162.	162.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/30/69-09/03/69	6	## 25.	29.167	50.	25.	104.167	10.206	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/28/69-09/06/69	18	7.3	7.3	8.1	6.4	0.22	0.469	6.58	6.975	7.6	8.01
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	09/06/69-09/06/69	10	83.5	85.9	104.	68.	146.989	12.124	68.6	78.5	98.75	104.
00400	PH (STANDARD UNITS)	08/28/69-09/03/69	8	7.45	7.413	7.6	6.9	0.056	0.236	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/28/69-09/03/69	8	7.447	7.344	7.6	6.9	0.061	0.247	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/28/69-09/03/69	8	0.036	0.045	0.126	0.025	0.001	0.034	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	08/28/69-09/03/69	8	0.19	0.201	0.31	0.12	0.004	0.059	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/28/69-09/03/69	8	0.02	0.14	0.96	0.01	0.11	0.332	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/28/69-09/03/69	8	## 0.025	0.038	0.09	0.003	0.001	0.033	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/28/69-09/03/69	8	0.215	0.229	0.36	0.15	0.005	0.068	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/28/69-09/03/69	8	0.02	0.023	0.04	0.01	0.	0.012	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/28/69-09/03/69	8	0.022	0.03	0.062	0.013	0.	0.017	**	**	**	**
60050	ALGAE, TOTAL (CELLS/ML)	09/06/69-09/06/69	2	280.5	280.5	340.	221.	7080.5	84.146	**	**	**	**
60200	ALGAE, COCCOID GREEN (CELLS/ML)	09/06/69-09/06/69	2	42.5	42.5	51.	34.	144.5	12.021	**	**	**	**
60300	ALGAE, FLAGELLATE GREEN (CELLS/ML)	09/06/69-09/06/69	2	42.5	42.5	68.	17.	1300.5	36.062	**	**	**	**
60350	ALGAE, FLAGELLATE OTHER (CELLS/ML)	09/06/69-09/06/69	2	93.5	93.5	102.	85.	144.5	12.021	**	**	**	**
60370	ALGAE, DIATOMS (CELLS/ML)	09/06/69-09/06/69	2	102.	102.	170.	34.	9248.	96.167	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0134

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	18	0	0.00	18	0	0.00									
00400	PH	Fresh Chronic	9.	8	0	0.00	8	0	0.00									
		Other-Lo Lim.	6.5	8	0	0.00	8	0	0.00									
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	8	0	0.00	8	0	0.00									

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

Station Inventory for Station: ROMO0135

NPS Station ID: ROMO0135
LAT/LON: 40.242503/-105.624448
Agency: 12WLS1
Date Created: 09/03/88
Location: KEPLINGER LAKE
FIPS State/County: 08013 COLORADO/BOULDER
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 4E1-032
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 39
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 10190005056000.31
RF3 Mile Point: 0.31
Distance from RF3: 0.03
On/Off RF3:
Description:
THIS DATA WAS COLLECTED DURING THE WESTERN LAKE SURVEY-PHASE I (WLS-I) AS PART OF EPA'S NATIONAL SURFACE WATER SURVEY, AQUATIC EFFECTS RESEARCH PROGRAM. THE SURVEY DESIGN, METHODS, AND DATA LIMITATIONS ARE DESCRIBED IN:
LANDERS, D.H., ET AL. 1987. CHARACTERISTICS OF LAKES IN THE WESTERN UNITED STATES. VOL. I. POPULATION DESCRIPTIONS AND PHYSICO-CHEMICAL RELATIONSHIPS. EPA/600/4-86/054A. U.S. ENVIRON. PROT. AGENCY, WASHINGTON, D.C. 176 PP.
THE DATA PRESENTED HERE ARE THOSE REPORTED IN LANDERS ET AL. (1987) WITH THE FOLLOWING EXCEPTIONS: (1) UNITS FOR CHEMICAL PARAMETERS ARE TYPICALLY IN MG/L RATHER THAN MICROEQ/L; (2) NO SUBSTITUTED VALUES ARE PROVIDED FOR SUSPECT DATA; (3) TAGS AND FLAGS USED TO IDENTIFY SUSPICIOUS DATA ARE NOT SHOWN; AND (4) CALCULATED OR DERIVED VARIABLES ARE EXCLUDED.

Parameter Inventory for Station: ROMO0135

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/10/85-10/10/85	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/10/85-10/10/85	1	10.5	10.5	10.5	10.5	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	10/10/85-10/10/85	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/10/85-10/10/85	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00154	SULFATE (AS S) WHOLE WATER, MG/L	10/10/85-10/10/85	1	0.798	0.798	0.798	0.798	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	10/10/85-10/10/85	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/10/85-10/10/85	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/10/85-10/10/85	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	10/10/85-10/10/85	1	33.1	33.1	33.1	33.1	0.	0.	**	**	**	**
00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	10/10/85-10/10/85	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/10/85-10/10/85	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	10/10/85-10/10/85	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00910	CALCIUM (MG/L AS CACO3)	10/10/85-10/10/85	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/10/85-10/10/85	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/10/85-10/10/85	1	0.41	0.41	0.41	0.41	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/10/85-10/10/85	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/10/85-10/10/85	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/10/85-10/10/85	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/10/85-10/10/85	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/10/85-10/10/85	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	10/10/85-10/10/85	1	7.	7.	7.	7.	0.	0.	**	**	**	**
70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	10/10/85-10/10/85	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**

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

Parameter Inventory for Station: ROMO0135

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/10/85-10/10/85	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
71885	IRON (UG/L AS FE)	10/10/85-10/10/85	1	0.	0.	0.	0.	0.	0.	**	**	**	**
72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	10/10/85-10/10/85	1	11693.2	11693.2	11693.2	11693.2	0.	0.	**	**	**	**
82047	DEPTH TO THE TOP OF THE SAMPLING INTERVAL (METERS)	10/10/85-10/10/85	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/10/85-10/10/85	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0135

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00154	SULFATE (AS S) WHOLE WATER	Drinking Water	250.	1	0	0.00	1	0	0.00									
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: ROMO0136

NPS Station ID: ROMO0136
LAT/LON: 40.244727/-105.818615
Agency: 11EPALES
Date Created: 01/09/76
Location: GRAND LAKE
FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 080702
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14010001
Depth of Water: 125
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14010001045
RF1 Mile Point: 3.820
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 14010001004400.58
RF3 Mile Point: 0.58
Distance from RF3: 0.15
On/Off RF3:
Description:
200 YDS DUE E OF POINT BY GRAND LAKE.
COMMENTS: 8-26 ULE 17; INTEG 18 FT; 1% LIGHT, 18 FT. 10-10 ULE 16; 1% LIGHT, 16 FT; INTEG 16 FT; DEPTH 120 FT.
MAP: SHADOW MTN COLO QUAD

Parameter Inventory for Station: ROMO0136

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/26/75-10/10/75	12	29.	45.417	121.	0.	2138.083	46.239	0.	5.	87.5	120.7
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/26/75-10/10/75	12	9.7	8.217	12.5	2.5	12.838	3.583	2.62	5.15	11.4	12.32
00074	TURBIDITY, TRANSMISSOMETER, PERCENT TRANSMISSION	08/26/75-10/10/75	12	97.5	96.583	101.	85.	24.629	4.963	87.4	94.	101.	101.
00077	TRANSPARENCY, SECCHI DISC (INCHES)	08/26/75-10/10/75	2	135.	135.	168.	102.	2178.	46.669	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/26/75-10/10/75	12	20.5	21.292	49.	0.5	333.748	18.269	0.65	4.5	37.	45.4
00300	OXYGEN, DISSOLVED MG/L	08/26/75-10/10/75	12	7.5	7.15	7.8	5.8	0.634	0.796	5.86	6.2	7.8	7.8
00400	PH (STANDARD UNITS)	08/26/75-10/10/75	12	6.825	6.792	7.25	6.3	0.124	0.353	6.315	6.425	7.138	7.235
00400	CONVERTED PH (STANDARD UNITS)	08/26/75-10/10/75	12	6.819	6.666	7.25	6.3	0.142	0.376	6.315	6.425	7.137	7.235
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/26/75-10/10/75	12	0.152	0.216	0.501	0.056	0.026	0.163	0.058	0.073	0.378	0.485
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/26/75-10/10/75	12	17.	17.083	22.	13.	8.811	2.968	13.	14.5	19.5	21.7
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/26/75-10/10/75	12 ##	0.01	0.01	0.01	0.01	0.	0.	0.01	0.01	0.01	0.01
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/26/75-10/10/75	12	0.2	0.192	0.3	0.1	0.006	0.079	0.1	0.1	0.275	0.3
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/26/75-10/10/75	12 ##	0.015	0.038	0.1	0.01	0.001	0.037	0.01	0.01	0.08	0.097
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/26/75-10/10/75	12	0.018	0.047	0.236	0.008	0.004	0.067	0.008	0.011	0.057	0.199
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/26/75-10/10/75	12	0.003	0.003	0.007	0.001	0.	0.002	0.001	0.001	0.004	0.006
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	08/26/75-10/10/75	2	4.7	4.7	5.4	4.	0.98	0.99	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	08/26/75-10/10/75	2	122.5	122.5	125.	120.	12.5	3.536	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0136

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	12	0	0.00	12	0	0.00									
00400	PH	Fresh Chronic	9.	12	0	0.00	12	0	0.00									
		Other-Lo Lim.	6.5	12	4	0.33	12	4	0.33									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	12	0	0.00	12	0	0.00									

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

Station Inventory for Station: ROMO0137

NPS Station ID: ROMO0137
LAT/LON: 40.244727/-105.825282
Agency: 112WRD
Date Created: 01/07/89
Location: GRAND LAKE
FIPS State/County: 08013 COLORADO/BOULDER
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 401441105493100
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC:
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 2.10
On/Off RF1:
RF3 Index: 10190005007700.00
RF3 Mile Point: 0.00
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0137

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/09/87-10/21/87	18	2.	53.	118.	0.	3497.882	59.143	0.	2.	118.	118.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/09/87-10/21/87	5	15.2	14.3	20.	8.2	18.86	4.343	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/09/87-10/21/87	18	2.	3.	7.	1.	4.706	2.169	1.	1.	4.5	7.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/09/87-10/21/87	18	45.	43.222	50.	28.	38.301	6.189	28.	41.5	46.25	50.
00300	OXYGEN, DISSOLVED MG/L	07/09/87-10/21/87	5	7.	7.18	7.9	6.8	0.197	0.444	**	**	**	**
00400	PH (STANDARD UNITS)	07/09/87-10/21/87	9	7.39	7.659	8.91	7.03	0.469	0.685	7.03	7.075	8.26	8.91
00400	CONVERTED PH (STANDARD UNITS)	07/09/87-10/21/87	9	7.39	7.348	8.91	7.03	0.577	0.76	7.03	7.075	8.26	8.91
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/09/87-10/21/87	9	0.041	0.045	0.093	0.001	0.002	0.039	0.001	0.006	0.084	0.093
00403	PH, LAB, STANDARD UNITS SU	07/09/87-10/21/87	18	7.9	7.978	8.5	7.4	0.122	0.349	7.4	7.75	8.25	8.5
00403	CONVERTED PH, LAB, STANDARD UNITS	07/09/87-10/21/87	18	7.9	7.849	8.5	7.4	0.139	0.373	7.4	7.75	8.25	8.5
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/09/87-10/21/87	18	0.013	0.014	0.04	0.003	0.	0.011	0.003	0.006	0.018	0.04
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	07/09/87-10/21/87	18 ##	0.005	0.038	0.09	0.005	0.001	0.039	0.005	0.005	0.08	0.09
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/09/87-10/21/87	18 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	10/21/87-10/21/87	2	8.5	8.5	8.5	8.5	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/09/87-10/21/87	18	5.5	5.222	6.1	3.	0.743	0.862	3.	5.275	5.6	6.1
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/09/87-10/21/87	18	1.	0.989	1.2	0.6	0.027	0.164	0.6	0.975	1.1	1.2
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/09/87-10/21/87	18	1.9	1.767	2.	1.2	0.056	0.238	1.2	1.675	1.9	2.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/09/87-10/21/87	18	0.6	0.649	0.84	0.46	0.014	0.119	0.46	0.568	0.742	0.84
00940	CHLORIDE,TOTAL IN WATER MG/L	07/09/87-10/21/87	18	0.3	0.278	0.3	0.2	0.002	0.043	0.2	0.275	0.3	0.3
00945	SULFATE, TOTAL (MG/L AS SO4)	07/09/87-10/21/87	18	3.	2.667	3.	2.	0.235	0.485	2.	2.	3.	3.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/09/87-10/21/87	18	0.15	0.146	0.17	0.12	0.	0.014	0.12	0.138	0.15	0.17
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/09/87-10/21/87	18	3.6	3.622	4.4	2.7	0.324	0.569	2.7	3.15	4.1	4.4
01046	IRON, DISSOLVED (UG/L AS FE)	07/09/87-10/21/87	18	58.	71.111	140.	24.	1735.399	41.658	24.	38.25	92.75	140.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/09/87-10/21/87	18	1.	1.111	2.	0.5	0.281	0.53	0.5	0.875	1.25	2.
71870	BROMIDE (MG/L AS BR)	07/09/87-10/21/87	18 ##	0.005	0.007	0.02	0.005	0.	0.005	0.005	0.005	0.005	0.02

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

EPA Water Quality Criteria Analysis for Station: ROMO0137

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	5	0	0.00	5	0	0.00									
00400	PH	Fresh Chronic	9.	9	0	0.00	9	0	0.00									
		Other-Lo Lim.	6.5	9	0	0.00	9	0	0.00									

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

EPA Water Quality Criteria Analysis for Station: ROMO0137

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	18	0	0.00	18	0	0.00									
		Other-Lo Lim.	6.5	18	0	0.00	18	0	0.00									
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	18	0	0.00	18	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	18	0	0.00	18	0	0.00									
		Drinking Water	250.	18	0	0.00	18	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	18	0	0.00	18	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	18	0	0.00	18	0	0.00									

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

Station Inventory for Station: ROMO0138

NPS Station ID: ROMO0138
LAT/LON: 40.244727/-105.825559
Agency: 112WRD
Date Created: / /
Location: GRAND LAKE AT GRAND LAKE, CO.
FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 09013900
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14010001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14010001045
RF1 Mile Point: 3.220
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 14010001004300.26
RF3 Mile Point: 0.73
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0138

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/22/73-06/04/75	18	16.5	26.956	92.	0.2	866.483	29.436	1.82	2.	47.5	80.3
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/22/73-06/04/75	18	7.	7.833	17.	0.	22.235	4.715	0.	5.	10.625	17.
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	08/22/73-08/22/73	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00032	CLOUD COVER (PERCENT)	08/22/73-08/22/73	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	08/22/73-06/04/75	5	114.	109.2	130.	78.	459.2	21.429	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/22/73-06/04/75	18	30.	33.056	60.	25.	97.467	9.873	25.	28.75	32.5	55.5
00300	OXYGEN, DISSOLVED MG/L	08/22/73-06/04/75	18	8.1	8.039	8.8	7.2	0.292	0.54	7.2	7.55	8.5	8.8
00400	PH (STANDARD UNITS)	11/13/73-06/04/75	6	6.95	6.7	7.3	5.2	0.628	0.792	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	11/13/73-06/04/75	6	6.947	5.936	7.3	5.2	1.328	1.153	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/13/73-06/04/75	6	0.113	1.159	6.31	0.05	6.377	2.525	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/22/73-08/22/73	2	15.5	15.5	16.	15.	0.5	0.707	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/22/73-08/22/73	2	19.	19.	20.	18.	2.	1.414	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	08/22/73-08/22/73	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	11/13/73-06/04/75	6	0.3	0.843	3.5	0.21	1.702	1.305	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	11/13/73-06/04/75	6	0.225	0.778	3.5	0.17	1.783	1.335	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/13/73-06/04/75	6	0.02	0.019	0.03	0.005	0.	0.012	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/13/73-06/04/75	6	0.255	0.797	3.5	0.18	1.761	1.327	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/13/73-06/04/75	6	0.065	0.057	0.09	0.01	0.001	0.032	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/22/73-08/22/73	2 ##	0.03	0.03	0.05	0.01	0.001	0.028	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/22/73-08/22/73	2	0.015	0.015	0.03	0.	0.	0.021	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/13/73-06/04/75	6	0.02	0.033	0.12	0.01	0.002	0.043	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/22/73-08/22/73	2	0.015	0.015	0.02	0.01	0.	0.007	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/22/73-08/22/73	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/22/73-08/22/73	2	13.	13.	14.	12.	2.	1.414	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/22/73-08/22/73	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/22/73-08/22/73	2	4.35	4.35	4.6	4.1	0.125	0.354	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/22/73-08/22/73	2	0.6	0.6	0.7	0.5	0.02	0.141	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/22/73-08/22/73	2	1.6	1.6	1.8	1.4	0.08	0.283	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/22/73-08/22/73	2	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	08/22/73-08/22/73	2	20.	20.	21.	19.	2.	1.414	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/22/73-08/22/73	2	0.45	0.45	0.5	0.4	0.005	0.071	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/22/73-08/22/73	2	0.7	0.7	1.	0.4	0.18	0.424	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/22/73-08/22/73	2	3.5	3.5	4.	3.	0.5	0.707	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/22/73-08/22/73	2 ##	0.075	0.075	0.1	0.05	0.001	0.035	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/22/73-08/22/73	2	4.8	4.8	4.9	4.7	0.02	0.141	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/22/73-08/22/73	2	140.	140.	200.	80.	7200.	84.853	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	11/13/73-06/04/75	6 ##	2.	2.333	5.	0.	3.867	1.966	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/22/73-08/22/73	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**

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

Parameter Inventory for Station: ROMO0138

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01065	NICKEL, DISSOLVED (UG/L AS NI)	11/13/73-06/04/75	6 ##	1.	1.167	3.	0.	0.967	0.983	**	**	**	**
60050	ALGAE, TOTAL (CELLS/ML)	08/22/73-08/22/73	1	6400.	6400.	6400.	6400.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/22/73-08/22/73	2	25.5	25.5	26.	25.	0.5	0.707	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/22/73-08/22/73	2	0.035	0.035	0.04	0.03	0.	0.007	**	**	**	**
71887	NITROGEN, TOTAL, AS NO3 - MG/L	11/13/73-06/04/75	6	1.35	3.817	16.	0.9	35.782	5.982	**	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	11/13/73-06/04/75	6 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	08/22/73-08/22/73	1	240.	240.	240.	240.	0.	0.	**	**	**	**
72027	AZIMUTH FROM OUTLET (DEGREES)	08/22/73-08/22/73	1	70.9	70.9	70.9	70.9	0.	0.	**	**	**	**
72029	DISTANCE FROM SOUTHERNMOST POINT (FEET)	08/22/73-08/22/73	1	2400.	2400.	2400.	2400.	0.	0.	**	**	**	**

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EPA Water Quality Criteria Analysis for Station: ROMO0138

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------6/10-10/31---------- Obs	Exceed	Prop.	----------11/01-4/10---------- Obs	Exceed	Prop.	----------4/11-6/09---------- Obs	Exceed	Prop.	--------------n/a-------------- Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	18	0	0.00	13	0	0.00	3	0	0.00	2	0	0.00			
00400	PH	Fresh Chronic	9.	6	0	0.00	1	0	0.00	3	0	0.00	2	0	0.00			
		Other-Lo Lim.	6.5	6	2	0.33	1	1	1.00	3	0	0.00	2	1	0.50			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	6	0	0.00	1	0	0.00	3	0	0.00	2	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	2	0	0.00	2	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00	2	0	0.00									
		Drinking Water	250.	2	0	0.00	2	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	2	0	0.00	2	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	2	0	0.00	2	0	0.00									
01049	LEAD, DISSOLVED	Fresh Acute	82.	6	0	0.00	1	0	0.00	3	0	0.00	2	0	0.00			
		Drinking Water	15.	6	0	0.00	1	0	0.00	3	0	0.00	2	0	0.00			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	6	0	0.00	1	0	0.00	3	0	0.00	2	0	0.00			
		Drinking Water	100.	6	0	0.00	1	0	0.00	3	0	0.00	2	0	0.00			
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	6	0	0.00	1	0	0.00	3	0	0.00	2	0	0.00			
		Drinking Water	2.	6	0	0.00	1	0	0.00	3	0	0.00	2	0	0.00			

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

Station Inventory for Station: ROMO0139

NPS Station ID: ROMO0139
LAT/LON: 40.244727/-105.825559
Agency: 21COL001
Date Created: 08/27/94
Location: GR1
FIPS State/County: 08049 COLORADO/GRAND
Station Type: /RESERV/TYPA/AMBNT
STORET Station ID(s): 1/3
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14010001
Depth of Water: 67
Aquifer:
Major Basin: COLORADO
Elevation: 8367
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14010001
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
THERE ARE TWO SITES
ALLIGATOR PARK =#1
INLET=#2

Parameter Inventory for Station: ROMO0139

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ROMO0140

NPS Station ID: ROMO0140
LAT/LON: 40.244727/-105.825559
Agency: 21COL001
Date Created: 09/03/94
Location: GR1
FIPS State/County: 08049 COLORADO/GRAND
Station Type: /RESERV/TYPA/AMBNT
STORET Station ID(s): GRAND3/3
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14010001
Depth of Water: 67
Aquifer:
Major Basin: COLORADO
Elevation: 8367
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14010001
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
THERE ARE THREESITES ALLIGATOR ROCK =#1
INLET=#2 1/3 FROM S. SHORE BTW. MARINA LIGHT GREEN HOUSE #3 DIRECTLY OFF N. SHORE FROM MARINA

Parameter Inventory for Station: ROMO0140

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ROMO0141

NPS Station ID: ROMO0141 LAT/LON: 40.244727/-105.825559 Agency: 21COL001 Date Created: 09/03/94
Location: GR1 FIPS State/County: 08049 COLORADO/GRAND
Station Type: /RESERV/TYPA/AMBNT STORET Station ID(s): GRAND2/3
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 14010001 Depth of Water: 67 Aquifer:
Major Basin: COLORADO Elevation: 8367 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 14010001 RF1 Mile Point: 0.000 Distance from RF1: 12.40 On/Off RF1:
RF3 Index: 10190007002218.40 RF3 Mile Point: 18.39 Distance from RF3: 0.57 On/Off RF3:
Description:
THERE ARE TWO SITES ALLIGATOR ROCK =#1
INLET=#2 1/3 FROM S. SHORE BTW. MARINA LIGHT GREEN HOUSE

Parameter Inventory for Station: ROMO0141

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/02/92-09/27/93	4	29.5	28.5	39.	16.	149.667	12.234	**	**	**	**
00031	LIGHT,INCIDENT, PERCENT REMAING AT CERTAIN DEPTH	09/02/92-09/27/93	4	14.5	18.25	32.	12.	86.917	9.323	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	09/02/92-09/27/93	4	2.55	2.775	3.7	2.3	0.409	0.64	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/92-09/27/93	4	31.	28.5	36.	16.	77.667	8.813	**	**	**	**
00400	PH (STANDARD UNITS)	09/02/92-09/27/93	4	7.75	7.625	7.8	7.2	0.082	0.287	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/02/92-09/27/93	4	7.747	7.542	7.8	7.2	0.092	0.303	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/02/92-09/27/93	4	0.018	0.029	0.063	0.016	0.001	0.023	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/02/92-09/27/93	4	16.	15.	20.	8.	28.	5.292	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/26/93-08/26/93	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	07/14/93-09/27/93	3	0.18	0.16	0.2	0.1	0.003	0.053	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/02/92-09/27/93	4	0.022	0.021	0.032	0.01	0.	0.009	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/02/92-09/27/93	4	19.	20.5	28.	16.	27.667	5.26	**	**	**	**
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	09/02/92-08/26/93	2	69.	69.	110.	28.	3362.	57.983	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	09/02/92-08/26/93	2 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	09/02/92-08/26/93	2 ##	3.5	3.5	5.	2.	4.5	2.121	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	09/02/92-08/26/93	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/02/92-08/26/93	2 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	09/02/92-08/26/93	2 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	09/02/92-08/26/93	2 ##	4.	4.	4.	4.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	09/02/92-08/26/93	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/14/93-09/27/93	2 ##	1.	1.	1.5	0.5	0.5	0.707	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/14/93-09/27/93	2 ##	-0.062	-0.062	0.176	-0.301	0.114	0.337	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			0.866								
46460	CHLOROPHYLL-A, SPECTRO,CORRECT FOR PHEOPHYTIN UG/L	09/02/92-09/27/93	4	7.6	7.825	12.8	3.3	15.276	3.908	**	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	09/02/92-08/26/93	2 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0141

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	4	0	0.00	4	0	0.00									
		Other-Lo Lim.	6.5	4	0	0.00	4	0	0.00									
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	2	0	0.00	2	0	0.00									
		Drinking Water	5.	2	0	0.00	2	0	0.00									
01040	COPPER, DISSOLVED	Fresh Acute	18.	2	0	0.00	2	0	0.00									
		Drinking Water	1300.	2	0	0.00	2	0	0.00									
01049	LEAD, DISSOLVED	Fresh Acute	82.	2	0	0.00	2	0	0.00									
		Drinking Water	15.	2	0	0.00	2	0	0.00									
01075	SILVER, DISSOLVED	Fresh Acute	4.1	2	0	0.00	2	0	0.00									
		Drinking Water	100.	2	0	0.00	2	0	0.00									
01090	ZINC, DISSOLVED	Fresh Acute	120.	2	0	0.00	2	0	0.00									
		Drinking Water	5000.	2	0	0.00	2	0	0.00									
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	2	0	0.00	2	0	0.00									
		Drinking Water	50.	2	0	0.00	2	0	0.00									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	2	0	0.00	2	0	0.00									
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	2	0	0.00	2	0	0.00									
		Drinking Water	2.	2	0	0.00	2	0	0.00									

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

Station Inventory for Station: ROMO0142

NPS Station ID: ROMO0142 LAT/LON: 40.244727/-105.825559 Agency: 21COL001 Date Created: 08/20/94
Location: WEST OF ROCKY MOUNTAIN NATIONAL PARK FIPS State/County: 08049 COLORADO/GRAND
Station Type: /RESERV/TYPA/AMBNT STORET Station ID(s): GRANDLAKE1/3
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 14010001 Depth of Water: 67 Aquifer:
Major Basin: COLORADO Elevation: 8367 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 14010001 RF1 Mile Point: 0.000 Distance from RF1: 12.40 On/Off RF1:
RF3 Index: 10190007002218.40 RF3 Mile Point: 18.39 Distance from RF3: 0.57 On/Off RF3:
Description:
THERE ARE TWO SITES ALLIGATOR PARK =#1
INLET=#2

Parameter Inventory for Station: ROMO0142

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/02/92-09/27/93	4	31.5	45.25	98.	20.	1267.583	35.603	**	**	**	**
00031	LIGHT,INCIDENT, PERCENT REMAING AT CERTAIN DEPTH	09/02/92-09/27/93	4	75.	72.875	75.	66.5	18.063	4.25	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	09/02/92-09/27/93	4	2.45	2.65	3.4	2.3	0.257	0.507	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/92-09/27/93	3	28.	28.	37.	19.	81.	9.	**	**	**	**
00400	PH (STANDARD UNITS)	09/02/92-09/27/93	4	7.3	7.325	7.8	6.9	0.136	0.369	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/02/92-09/27/93	4	7.3	7.218	7.8	6.9	0.151	0.389	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/02/92-09/27/93	4	0.05	0.06	0.126	0.016	0.002	0.046	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/02/92-09/27/93	3	14.	14.	18.	10.	16.	4.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/26/93-09/27/93	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/02/92-09/27/93	4	0.16	0.16	0.22	0.1	0.003	0.059	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/02/92-09/27/93	4	0.02	0.02	0.03	0.01	0.	0.009	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/02/92-09/27/93	3	16.	16.667	18.	16.	1.333	1.155	**	**	**	**
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	07/14/93-09/27/93	2	32.5	32.5	38.	27.	60.5	7.778	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	07/14/93-09/27/93	2 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	07/14/93-09/27/93	2 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	07/14/93-09/27/93	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/14/93-09/27/93	2 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	07/14/93-09/27/93	2 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/14/93-09/27/93	2 ##	4.	4.	4.	4.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	07/14/93-09/27/93	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/14/93-09/27/93	3 ##	1.5	1.167	1.5	0.5	0.333	0.577	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/14/93-09/27/93	3 ##	0.176	0.017	0.176	-0.301	0.076	0.275	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.04								
46460	CHLOROPHYLL-A, SPECTRO,CORRECT FOR PHEOPHYTIN UG/L	09/02/92-09/27/93	4	7.7	8.05	13.7	3.1	18.897	4.347	**	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	07/14/93-09/27/93	2 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0142

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	4	0	0.00	4	0	0.00									
		Other-Lo Lim.	6.5	4	0	0.00	4	0	0.00									
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	2	0	0.00	2	0	0.00									
		Drinking Water	5.	2	0	0.00	2	0	0.00									
01040	COPPER, DISSOLVED	Fresh Acute	18.	2	0	0.00	2	0	0.00									
		Drinking Water	1300.	2	0	0.00	2	0	0.00									
01049	LEAD, DISSOLVED	Fresh Acute	82.	2	0	0.00	2	0	0.00									
		Drinking Water	15.	2	0	0.00	2	0	0.00									
01075	SILVER, DISSOLVED	Fresh Acute	4.1	2	0	0.00	2	0	0.00									
		Drinking Water	100.	2	0	0.00	2	0	0.00									
01090	ZINC, DISSOLVED	Fresh Acute	120.	2	0	0.00	2	0	0.00									
		Drinking Water	5000.	2	0	0.00	2	0	0.00									
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	2	0	0.00	2	0	0.00									
		Drinking Water	50.	2	0	0.00	2	0	0.00									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	3	0	0.00	3	0	0.00									
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	2	0	0.00	2	0	0.00									
		Drinking Water	2.	2	0	0.00	2	0	0.00									

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

Station Inventory for Station: ROMO0143

NPS Station ID: ROMO0143 | LAT/LON: 40.244727/-105.832226 | Agency: 11EPALES | Date Created: 01/09/76
Location: SHADOW MOUNTAIN LAKE | FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): 081301
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 14010001 | Depth of Water: 9 | Aquifer:
Major Basin: | Elevation: 0 | Water Body Id:
Minor Basin: | ECO Region:
RF1 Index: 14010001045 | RF1 Mile Point: 3.080 | Distance from RF1: 0.00 | On/Off RF1: OFF
RF3 Index: 14010001004400.00 | RF3 Mile Point: 0.00 | Distance from RF3: 0.23 | On/Off RF3:
Description:
DUE W OF HILLTOP RANGER STATION; ABOUT 100 YDS FR SHORE; JUST BEYOND BUOY MARK.
COMMENTS: 8-26 ULE 17; BOTTOM WEED COVERED; INTEG 6 FT; 1% LIGHT, 9 FT. 10-10 ULE 17; 1% LIGHT, BOTTOM PLUS; BOTTOM HARD; NOT INTEG; DEPTH 5 FT.
MAP: SHADOW MTN COLO QUAD

Parameter Inventory for Station: ROMO0143

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/26/75-10/10/75	4	2.5	2.75	6.	0.	10.25	3.202	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/26/75-10/10/75	4	11.	11.05	12.2	10.	1.477	1.215	**	**	**	**
00074	TURBIDITY, TRANSMISSOMETER, PERCENT TRANSMISSION	08/26/75-10/10/75	4	97.5	97.5	100.	95.	8.333	2.887	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	08/26/75-10/10/75	2	60.	60.	60.	60.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/26/75-10/10/75	4	33.	32.75	42.	23.	114.25	10.689	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/26/75-10/10/75	4	8.2	8.25	9.	7.6	0.437	0.661	**	**	**	**
00400	PH (STANDARD UNITS)	08/26/75-10/10/75	4	7.05	7.088	7.6	6.65	0.194	0.44	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/26/75-10/10/75	4	6.982	6.942	7.6	6.65	0.222	0.472	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/26/75-10/10/75	4	0.104	0.114	0.224	0.025	0.009	0.093	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/26/75-10/10/75	4	26.	26.25	31.	22.	19.583	4.425	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/26/75-10/10/75	4 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/26/75-10/10/75	4 ##	0.2	0.225	0.4	0.1	0.023	0.15	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/26/75-10/10/75	4 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/26/75-10/10/75	4	0.025	0.036	0.075	0.02	0.001	0.026	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/26/75-10/10/75	4	0.003	0.003	0.004	0.002	0.	0.001	**	**	**	**
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	08/26/75-10/10/75	2	6.2	6.2	8.1	4.3	7.22	2.687	**	**	**	**
72025	DEPTH OF POND OR RESERVOIR IN FEET	08/26/75-10/10/75	2	7.	7.	9.	5.	8.	2.828	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0143

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	0	0.00	4	0	0.00									
00400	PH	Fresh Chronic	9.	4	0	0.00	4	0	0.00									
		Other-Lo Lim.	6.5	4	0	0.00	4	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	4	0	0.00	4	0	0.00									

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

Station Inventory for Station: ROMO0144

NPS Station ID: ROMO0144 LAT/LON: 40.245837/-105.828337 Agency: 11EPALES Date Created: / /
Location: OUTLET OF GRAND LAKE FIPS State/County: 08000 COLORADO/
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 0813B1
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 14010001 Depth of Water: 0 Aquifer:
Major Basin: T/SHADOW MOUNTAIN LAKE Elevation: 0 Water Body Id:
Minor Basin: OVERFLOW AT DAM .25 MI E HLLTOP RNGER ST ECO Region:
RF1 Index: 14010001045 RF1 Mile Point: 3.080 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 14010001004900.00 RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
SAMPLE WATER LEAVING GRAND LAKE (OVERFLOW AT GRAND LAKE DAM) APPROX 0.2 MI E OF HILLTOP RANGER STATION SEC 6 T3N R75W (SAME AS 0807A1)

Parameter Inventory for Station: ROMO0144

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/28/74-08/23/75	11	0.02	0.019	0.035	0.003	0.	0.012	0.003	0.005	0.032	0.035
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/28/74-09/28/74	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/28/74-09/28/74	1	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/28/74-08/23/75	11	0.4	0.559	1.65	0.2	0.161	0.402	0.21	0.35	0.75	1.47
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/28/74-08/23/75	11	0.03	0.068	0.38	0.008	0.012	0.109	0.008	0.01	0.1	0.326
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/28/74-08/23/75	11	0.02	0.022	0.04	0.005	0.	0.011	0.006	0.02	0.03	0.04
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/28/74-08/23/75	11 ##	0.004	0.006	0.016	0.003	0.	0.004	0.003	0.003	0.01	0.015

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

EPA Water Quality Criteria Analysis for Station: ROMO0144

				Total	Exceed	Prop.	6/10-10/31			11/01-4/10			4/11-6/09			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	11	0	0.00	6	0	0.00	4	0	0.00	1	0	0.00			

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

Station Inventory for Station: ROMO0145

NPS Station ID: ROMO0145 | LAT/LON: 40.245837/-105.828337 | Agency: 11EPALES | Date Created: / /
Location: SHADOW MTN LAKE INLET | FIPS State/County: 08000 COLORADO/
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): 0807A1
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 14010001 | Depth of Water: 0 | Aquifer:
Major Basin: O/GRAND LAKE | Elevation: 0 | Water Body Id:
Minor Basin: OVERFLOW AT GRAND LAKE DAM | ECO Region:
RF1 Index: 14010001045 | RF1 Mile Point: 3.080 | Distance from RF1: 0.00 | On/Off RF1: OFF
RF3 Index: 10190007128100.00 | RF3 Mile Point: 0.59 | Distance from RF3: 0.11 | On/Off RF3:
Description:
OVERFLOW AT GRAND LAKE DAM APPROX 0.25 MI E OF HILLTOP RANGER STATION. SEC 6 T3N R75W (SAME AS 0813B1)

Parameter Inventory for Station: ROMO0145

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/16/74-08/23/75	9	0.02	0.024	0.064	0.005	0.	0.017	0.005	0.015	0.029	0.064
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/16/74-08/23/75	8	0.3	0.325	0.6	0.2	0.016	0.125	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/16/74-08/23/75	9	0.03	0.042	0.12	0.005	0.002	0.041	0.005	0.007	0.07	0.12
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/16/74-08/23/75	9	0.02	0.017	0.04	0.005	0.	0.012	0.005	0.005	0.025	0.04
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	11/16/74-08/23/75	9 ##	0.004	0.006	0.015	0.003	0.	0.005	0.003	0.003	0.01	0.015

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

EPA Water Quality Criteria Analysis for Station: ROMO0145

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	9	0	0.00	5	0	0.00	3	0	0.00	1	0	0.00			

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

Station Inventory for Station: ROMO0146

NPS Station ID: ROMO0146 | LAT/LON: 40.245917/-105.828980 | Agency: 1118EPA8 | Date Created: 08/31/76
Location: SHADOW MTN.LK.AT ENT. GR. LK. | FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): SHADOW LK L-4
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 14010001 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: UPPER COLORADO R. | ECO Region:
RF1 Index: 14010001044 | RF1 Mile Point: 0.340 | Distance from RF1: 0.00 | On/Off RF1: ON
RF3 Index: 10190006046000.00 | RF3 Mile Point: 1.62 | Distance from RF3: 0.15 | On/Off RF3:
Description:
DATA EXTRACTED FROM WATER QUALITY CONDITIONS IN SHADOW MTN,GRAND LAKE, GRANBY LAKE REPORT PACIFIC SOUTHWEST REGION-EPA DEC.1970
LATITUDE AND LONGITUDE COORDINATES FOR THIS STATION WERE CORRECTED BY THE NATIONAL PARK SERVICE WATER RESOURCES DIVISION FOR INCLUSION IN THIS BASELINE WATER QUALITY DATA INVENTORY AND ANALYSIS REPORT. THE AGENCY RESPONSIBLE FOR THE STATION WAS INFORMED OF THE NEED TO ALSO MAKE THE CORRECTIONS IN STORET.

Parameter Inventory for Station: ROMO0146

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/31/60-09/05/69	13	25.	27.	70.	0.	539.	23.216	0.8	4.5	50.	62.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/31/60-09/05/69	8	14.75	14.438	15.	13.	0.531	0.729	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/28/69-09/03/69	4	61.5	52.75	63.	25.	344.25	18.554	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/31/60-09/05/69	8	7.45	7.25	8.4	5.2	0.957	0.978	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	09/05/69-09/05/69	2	99.	99.	101.	97.	8.	2.828	**	**	**	**
00400	PH (STANDARD UNITS)	08/31/60-09/03/69	6	7.45	7.6	8.5	7.2	0.244	0.494	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/31/60-09/03/69	6	7.447	7.442	8.5	7.2	0.274	0.523	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/31/60-09/03/69	6	0.036	0.036	0.063	0.003	0.001	0.024	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	08/28/69-09/03/69	6	0.165	0.18	0.27	0.12	0.003	0.054	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/28/69-09/03/69	6	0.025	0.033	0.07	0.01	0.001	0.023	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/31/60-09/03/69	6 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/28/69-09/03/69	6	0.21	0.213	0.3	0.13	0.004	0.061	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/28/69-09/03/69	6	0.04	0.04	0.05	0.03	0.	0.006	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/28/69-09/03/69	6	0.038	0.047	0.091	0.026	0.001	0.027	**	**	**	**
60050	ALGAE, TOTAL (CELLS/ML)	09/05/69-09/05/69	1	136.	136.	136.	136.	0.	0.	**	**	**	**
60200	ALGAE, COCCOID GREEN (CELLS/ML)	09/05/69-09/05/69	1	17.	17.	17.	17.	0.	0.	**	**	**	**
60350	ALGAE, FLAGELLATE OTHER (CELLS/ML)	09/05/69-09/05/69	1	17.	17.	17.	17.	0.	0.	**	**	**	**
60370	ALGAE, DIATOMS (CELLS/ML)	09/05/69-09/05/69	1	102.	102.	102.	102.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0146

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	8	0	0.00	8	0	0.00									

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

EPA Water Quality Criteria Analysis for Station: ROMO0146

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	6	0	0.00	6	0	0.00									
		Other-Lo Lim.	6.5	6	0	0.00	6	0	0.00									
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	6	0	0.00	6	0	0.00									

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

Station Inventory for Station: ROMO0147

NPS Station ID: ROMO0147
LAT/LON: 40.246177/-105.815810
Agency: 1118EPA8
Date Created: 08/31/76
Location: GRAND LAKE 50 YDS FR.SLIDEHOUSE
FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): GRAND LAKE L-3
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 0
Water Body Id:
Minor Basin: UPPER COLORADO R.
ECO Region:
RF1 Index: 10190006013
RF1 Mile Point: 6.060
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 10190006046000.00
RF3 Mile Point: 1.62
Distance from RF3: 0.15
On/Off RF3:
Description:
DATA EXTRACTED FROM WATER QUALITY CONDITIONS IN SHADOW MTN,GRAND LAKE, GRANBY LAKE REPORT PACIFIC SOUTHWEST REGION-EPA DEC.1970
LATITUDE AND LONGITUDE COORDINATES FOR THIS STATION WERE CORRECTED BY THE NATIONAL PARK SERVICE WATER RESOURCES DIVISION FOR INCLUSION IN THIS BASELINE WATER QUALITY DATA INVENTORY AND ANALYSIS REPORT. THE AGENCY RESPONSIBLE FOR THE STATION WAS INFORMED OF THE NEED TO ALSO MAKE THE CORRECTIONS IN STORET.

Parameter Inventory for Station: ROMO0147

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/28/69-09/06/69	14	15.	18.	40.	0.	320.615	17.906	0.	0.	40.	40.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/28/69-09/06/69	12	15.	13.8	17.	9.4	7.056	2.656	9.73	10.875	15.5	17.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/30/69-09/03/69	6 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/28/69-09/06/69	12	7.15	7.267	8.	6.4	0.332	0.576	6.4	6.925	7.9	8.
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	09/06/69-09/06/69	4	91.5	91.5	102.	81.	147.	12.124	**	**	**	**
00400	PH (STANDARD UNITS)	08/28/69-09/03/69	7	7.2	7.314	8.3	6.9	0.218	0.467	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/28/69-09/03/69	7	7.2	7.179	8.3	6.9	0.239	0.489	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/28/69-09/03/69	7	0.063	0.066	0.126	0.005	0.002	0.04	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	08/28/69-09/03/69	8	0.15	0.16	0.21	0.13	0.001	0.029	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/28/69-09/03/69	8	0.02	0.02	0.04	0.01	0.	0.009	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/28/69-09/03/69	8 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/28/69-09/03/69	8	0.17	0.18	0.25	0.14	0.001	0.037	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/28/69-09/03/69	8	0.025	0.04	0.09	0.01	0.001	0.032	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/28/69-09/03/69	8	0.054	0.056	0.108	0.02	0.001	0.028	**	**	**	**
60050	ALGAE, TOTAL (CELLS/ML)	09/06/69-09/06/69	3	408.	419.333	527.	323.	10500.333	102.471	**	**	**	**
60200	ALGAE, COCCOID GREEN (CELLS/ML)	09/06/69-09/06/69	2	144.5	144.5	170.	119.	1300.5	36.062	**	**	**	**
60300	ALGAE, FLAGELLATE GREEN (CELLS/ML)	09/06/69-09/06/69	1	85.	85.	85.	85.	0.	0.	**	**	**	**
60350	ALGAE, FLAGELLATE OTHER (CELLS/ML)	09/06/69-09/06/69	3	119.	124.667	221.	34.	8766.333	93.629	**	**	**	**
60370	ALGAE, DIATOMS (CELLS/ML)	09/06/69-09/06/69	3	119.	170.	289.	102.	10693.	103.407	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0147

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	12	0	0.00	12	0	0.00									
00400	PH	Fresh Chronic	9.	7	0	0.00	7	0	0.00									
		Other-Lo Lim.	6.5	7	0	0.00	7	0	0.00									
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	8	0	0.00	8	0	0.00									

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

Station Inventory for Station: ROMO0148

NPS Station ID: ROMO0148
LAT/LON: 40.246177/-105.815810
Agency: 1118EPA8
Date Created: 08/31/76
Location: GRAND LAKE BET. MARINAS AT BEACH
FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): GRAND LAKE L-2
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 0
Water Body Id:
Minor Basin: UPPER COLORADO R.
ECO Region:
RF1 Index: 10190006013
RF1 Mile Point: 6.060
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 10190006046000.00
RF3 Mile Point: 1.62
Distance from RF3: 0.15
On/Off RF3:
Description:
DATA EXTRACTED FROM WATER QUALITY CONDITIONS IN SHADOW MTN,GRAND LAKE, GRANBY LAKE REPORT PACIFIC SOUTHWEST REGION-EPA DEC.1970
LATITUDE AND LONGITUDE COORDINATES FOR THIS STATION WERE CORRECTED BY THE NATIONAL PARK SERVICE WATER RESOURCES DIVISION FOR INCLUSION IN THIS BASELINE WATER QUALITY DATA INVENTORY AND ANALYSIS REPORT. THE AGENCY RESPONSIBLE FOR THE STATION WAS INFORMED OF THE NEED TO ALSO MAKE THE CORRECTIONS IN STORET.

Parameter Inventory for Station: ROMO0148

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/28/69-09/06/69	16	35.	43.25	130.	0.	1745.	41.773	0.	0.5	77.5	109.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/28/69-09/06/69	16	12.3	11.6	17.	5.5	16.533	4.066	5.92	7.7	15.5	16.3
00077	TRANSPARENCY, SECCHI DISC (INCHES)	09/06/69-09/06/69	1	150.	150.	150.	150.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/30/69-09/03/69	6	## 25.	25.	25.	25.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/28/69-09/06/69	15	7.5	7.3	8.	6.4	0.271	0.521	6.46	6.8	7.6	8.
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	09/06/69-09/06/69	7	84.	87.571	103.	78.	118.952	10.907	**	**	**	**
00400	PH (STANDARD UNITS)	08/28/69-09/03/69	8	7.3	7.313	7.6	6.8	0.073	0.27	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/28/69-09/03/69	8	7.3	7.231	7.6	6.8	0.08	0.283	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/28/69-09/03/69	8	0.05	0.059	0.158	0.025	0.002	0.044	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	08/28/69-09/03/69	8	0.18	0.173	0.21	0.12	0.001	0.031	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/28/69-09/03/69	8	0.03	0.026	0.03	0.02	0.	0.005	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/28/69-09/03/69	8	## 0.025	0.031	0.08	0.01	0.	0.021	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/28/69-09/03/69	8	0.2	0.188	0.23	0.12	0.002	0.043	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/28/69-09/03/69	8	0.01	0.016	0.03	0.01	0.	0.009	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	08/28/69-09/03/69	8	0.033	0.039	0.075	0.013	0.001	0.024	**	**	**	**
60050	ALGAE, TOTAL (CELLS/ML)	09/06/69-09/06/69	3	170.	209.667	289.	170.	4720.333	68.705	**	**	**	**
60200	ALGAE, COCCOID GREEN (CELLS/ML)	09/06/69-09/06/69	3	68.	51.	68.	17.	867.	29.445	**	**	**	**
60300	ALGAE, FLAGELLATE GREEN (CELLS/ML)	09/06/69-09/06/69	2	51.	51.	51.	51.	0.	0.	**	**	**	**
60350	ALGAE, FLAGELLATE OTHER (CELLS/ML)	09/06/69-09/06/69	2	59.5	59.5	85.	34.	1300.5	36.062	**	**	**	**
60370	ALGAE, DIATOMS (CELLS/ML)	09/06/69-09/06/69	3	85.	85.	102.	68.	289.	17.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0148

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	15	0	0.00	15	0	0.00									
00400	PH	Fresh Chronic	9.	8	0	0.00	8	0	0.00									
		Other-Lo Lim.	6.5	8	0	0.00	8	0	0.00									
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	8	0	0.00	8	0	0.00									

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

Station Inventory for Station: ROMO0149

NPS Station ID: ROMO0149 LAT/LON: 40.246393/-105.526893 Agency: 11NPSWRD Date Created: 06/18/99
Location: 105787/C04267 FIPS State/County: 08013 COLORADO/BOULDER
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): ROMO_NURE_180 /1073974 /1118452
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 10190005 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI RIVER Elevation: 0 Water Body Id:
Minor Basin: SOUTH PLATTE RIVER ECO Region:
RF1 Index: 10190005 RF1 Mile Point: 0.000 Distance from RF1: 12.40 On/Off RF1:
RF3 Index: 10190007002218.40 RF3 Mile Point: 18.39 Distance from RF3: 0.57 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE "ALLENS PARK COLORADO" 7.5 MINUTE SERIES QUADRANGLE. THE SITE IS AT A STREAM OUTSIDE OF ROCKY MOUNTAIN NATIONAL PARK. EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO ONE WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATA BASE: "NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SOIL; STREAM SEDIMENT; SURFACE WATER; AND GROUND WATER DATA. "UNIQID" FIELD ENTRIES WERE USED TO CREATE THE SECONDARY STATION NAMES. THE "LASLID" FIELD ENTRIES (LAB SAMPLE NUMBERS) WERE USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LAB. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND KELLI O'CONNOR; NATIONAL PARK SERVICE WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0149

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/21/76-09/21/76	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/21/76-09/21/76	1	32.	32.	32.	32.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/21/76-09/21/76	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/21/76-09/21/76	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/21/76-09/21/76	1	0.251	0.251	0.251	0.251	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/21/76-09/21/76	1	0.83	0.83	0.83	0.83	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0149

				Total	Exceed	Prop.	6/10-10/31			11/01-4/10			4/11-6/09			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: ROMO0150

NPS Station ID: ROMO0150
LAT/LON: 40.246948/-105.466115
Agency: 112WRD
Date Created: 02/28/78
Location: SB00307204CCBC SITE 074
FIPS State/County: 08013 COLORADO/BOULDER
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 401449105275800
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 10190006017
RF1 Mile Point: 10.670
Distance from RF1: 4.00
On/Off RF1: ON
RF3 Index: 10190005000500.00
RF3 Mile Point: 4.90
Distance from RF3: 0.06
On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0150

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/02/76-07/02/76	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/02/76-07/02/76	1	103.	103.	103.	103.	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/02/76-07/02/76	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/02/76-07/02/76	1	1.	1.	1.	1.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/02/76-07/02/76	1	21.	21.	21.	21.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	07/02/76-07/02/76	1	1.322	1.322	1.322	1.322	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			21.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/02/76-07/02/76	1	11.	11.	11.	11.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/02/76-07/02/76	1	1.041	1.041	1.041	1.041	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			11.								

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

EPA Water Quality Criteria Analysis for Station: ROMO0150

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	0	0.00	1	0	0.00									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: ROMO0151

NPS Station ID: ROMO0151 LAT/LON: 40.248615/-105.816670 Agency: 21COLSS0 Date Created: 12/01/90
Location: GRAND LAKE, NR TOWN OF GRAND LAKE, NW SECTION FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): GRAND01
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 14010001 Depth of Water: 144 Aquifer:
Major Basin: COLORADO RIVER Elevation: 2552 Water Body Id: COUCUC02L1 GRAND LAKE
Minor Basin: UPPER COLORADO RIVER ECO Region:
RF1 Index: 14010001 RF1 Mile Point: 0.000 Distance from RF1: 3.70 On/Off RF1:
RF3 Index: 14010001018000.00 RF3 Mile Point: 0.00 Distance from RF3: 0.37 On/Off RF3:
Description:
STATION LOCATED 100M SOUTH OF YACHT CLUB (WHICH IS ON THE NORTH SHORE) TOWARDS NORTHWEST PART OF LAKE. T3N R75W SEC5.

Parameter Inventory for Station: ROMO0151

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/20/90-08/20/90	21	30.	49.667	144.	3.	1991.933	44.631	7.	14.5	85.5	128.4
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/20/90-08/20/90	21	9.9	10.714	17.5	4.9	22.352	4.728	5.12	6.	15.65	17.44
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/20/90-08/20/90	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/20/90-08/20/90	21	6.9	6.886	7.6	4.9	0.464	0.681	6.2	6.4	7.5	7.58
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/20/90-08/20/90	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/20/90-08/20/90	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	08/20/90-08/20/90	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/20/90-08/20/90	2	0.017	0.017	0.017	0.016	0.	0.001	**	**	**	**
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	08/20/90-08/20/90	2 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/20/90-08/20/90	2 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	08/20/90-08/20/90	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	08/20/90-08/20/90	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	08/20/90-08/20/90	2 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/20/90-08/20/90	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	08/20/90-08/20/90	2 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	08/20/90-08/20/90	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
46460	CHLOROPHYLL-A, SPECTRO,CORRECT FOR PHEOPHYTIN UG/L	08/20/90-08/20/90	1	6.1	6.1	6.1	6.1	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0151

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	21	0	0.00	21	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	2	0	0.00	2	0	0.00									
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	2	0	0.00	2	0	0.00									
		Drinking Water	5.	2	0	0.00	2	0	0.00									
01040	COPPER, DISSOLVED	Fresh Acute	18.	2	0	0.00	2	0	0.00									
		Drinking Water	1300.	2	0	0.00	2	0	0.00									
01049	LEAD, DISSOLVED	Fresh Acute	82.	2	0	0.00	2	0	0.00									
		Drinking Water	15.	2	0	0.00	2	0	0.00									
01075	SILVER, DISSOLVED	Fresh Acute	4.1	2	0	0.00	2	0	0.00									
		Drinking Water	100.	2	0	0.00	2	0	0.00									

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

EPA Water Quality Criteria Analysis for Station: ROMO0151

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01090	ZINC, DISSOLVED	Fresh Acute	120.	2	0	0.00	2	0	0.00									
		Drinking Water	5000.	2	0	0.00	2	0	0.00									
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	2	0	0.00	2	0	0.00									
		Drinking Water	50.	2	0	0.00	2	0	0.00									

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

Station Inventory for Station: ROMO0152

NPS Station ID: ROMO0152
LAT/LON: 40.250005/-105.550004
Agency: 1117S030
Date Created: / /
Location:
FIPS State/County: 08000 COLORADO/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 070320
RMI-Indexes: 1021500 009490 07090 1070 1580 0620
Within Park Boundary: Yes
RMI-Miles: 1149.40 0595.20 309.00 270.00 034.50 023.30
HUC: 10190005
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190005
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 10190005000707.45
RF3 Mile Point: 8.73
Distance from RF3: 0.55
On/Off RF3:
Description:
LOCATION: NORTH SAINT VRAIN CREEK 1.5 MILES ABOVE COPELAND LAKE

Parameter Inventory for Station: ROMO0152

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/07/66-09/07/66	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	09/07/66-09/07/66	1	32.	32.	32.	32.	0.	0.	**	**	**	**
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	09/07/66-09/07/66	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/07/66-09/07/66	1	21.	21.	21.	21.	0.	0.	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/07/66-09/07/66	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/07/66-09/07/66	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/07/66-09/07/66	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/07/66-09/07/66	1	0.316	0.316	0.316	0.316	0.	0.	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	09/07/66-09/07/66	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	09/07/66-09/07/66	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	09/07/66-09/07/66	1	0.19	0.19	0.19	0.19	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/07/66-09/07/66	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/07/66-09/07/66	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	09/07/66-09/07/66	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	09/07/66-09/07/66	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	09/07/66-09/07/66	1 ##	250.	250.	250.	250.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	09/07/66-09/07/66	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	09/07/66-09/07/66	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	09/07/66-09/07/66	1	90.	90.	90.	90.	0.	0.	**	**	**	**
01503	ALPHA, DISSOLVED	09/07/66-09/07/66	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
09503	RADIUM 226, DISSOLVED	09/07/66-09/07/66	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/07/66-09/07/66	1	4.	4.	4.	4.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/07/66-09/07/66	1	0.602	0.602	0.602	0.602	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4.								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	09/07/66-09/07/66	1	33.	33.	33.	33.	0.	0.	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	09/07/66-09/07/66	1	1.519	1.519	1.519	1.519	0.	0.	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			33.								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/07/66-09/07/66	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/07/66-09/07/66	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/07/66-09/07/66	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/07/66-09/07/66	1 ##	-0.602	-0.602	-0.602	-0.602	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			0.25								
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	09/07/66-09/07/66	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0152

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00	1	0	0.00									
		Drinking Water	50.	0 &	0	0.00												
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00	1	0	0.00									
		Drinking Water	15.	0 &	0	0.00												
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00	1	0	0.00									
		Drinking Water	5000.	1	0	0.00	1	0	0.00									
09503	RADIUM 226, DISSOLVED	Drinking Water	5.	1	0	0.00	1	0	0.00									
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	0	0.00	1	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	1	0	0.00	1	0	0.00									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	1	0	0.00	1	0	0.00									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: ROMO0153

NPS Station ID: ROMO0153
LAT/LON: 40.250005/-105.812505
Agency: 21COL001
Date Created: 07/31/93
Location: GRAND LAKE
FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): GRAND LAKE A
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14010001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 8437
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14010001
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
ON SOUTHWESTERN BORDER OF ROCKY MTN NATIONAL PARK

Parameter Inventory for Station: ROMO0153

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ROMO0154

NPS Station ID: ROMO0154
Location: GRAND LAKE
Station Type: /TYPA/AMBNT/LAKE
RMI-Indexes:
RMI-Miles:
HUC: 14010001
Major Basin:
Minor Basin:
RF1 Index: 14010001
RF3 Index: 10190007002218.40
Description:

LAT/LON: 40.250005/-105.816670
Depth of Water: 0
Elevation: 8437
RF1 Mile Point: 0.000
RF3 Mile Point: 18.39

Agency: 21COL001
FIPS State/County: 08049 COLORADO/GRAND
STORET Station ID(s): GRAND LAKE B
Within Park Boundary: No
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 12.40
Distance from RF3: 0.57

Date Created: 07/31/93
On/Off RF1:
On/Off RF3:

Parameter Inventory for Station: ROMO0154

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: ROMO0155

NPS Station ID: ROMO0155
LAT/LON: 40.251115/-105.512226
Agency: 112WRD
Date Created: 02/28/78
Location: SB00307301DBBC SITE 064
FIPS State/County: 08013 COLORADO/BOULDER
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 401504105304400
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 10190005
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 10190005006
RF1 Mile Point: 3.880
Distance from RF1: 3.20
On/Off RF1: ON
RF3 Index: 10190005000503.35
RF3 Mile Point: 3.92
Distance from RF3: 0.06
On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0155

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/29/76-06/29/76	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/29/76-06/29/76	1	77.	77.	77.	77.	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/29/76-06/29/76	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/29/76-06/29/76	1	2.	2.	2.	2.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/29/76-06/29/76	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/29/76-06/29/76	1 ##	-0.301	-0.301	-0.301	-0.301	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			0.5								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/29/76-06/29/76	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/29/76-06/29/76	1 ##	-0.301	-0.301	-0.301	-0.301	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			0.5								

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

EPA Water Quality Criteria Analysis for Station: ROMO0155

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	0	0.00	1	0	0.00									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: ROMO0156

NPS Station ID: ROMO0156 LAT/LON: 40.251392/-105.813893 Agency: 11EPALES Date Created: / /
Location: NORTH INLET FIPS State/County: 08000 COLORADO/
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 0807A2
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 14010001 Depth of Water: 0 Aquifer:
Major Basin: T/GRAND LAKE Elevation: 0 Water Body Id:
Minor Basin: SEC RD BRDG JUST E OF CITY OF GRAND LAKE ECO Region:
RF1 Index: 14010001071 RF1 Mile Point: 0.150 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 10190005062000.00 RF3 Mile Point: 0.01 Distance from RF3: 0.05 On/Off RF3:
Description:
SAMPLE AT SECONDARY RD BRDG JUST E OF CITY OF GRAND LAKE 0.2 MI S OF JCT W ST RT 278 SEC 5 T3N R75W

Parameter Inventory for Station: ROMO0156

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/28/74-08/23/75	9	0.015	0.028	0.128	0.003	0.002	0.039	0.003	0.01	0.03	0.128
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/28/74-09/28/74	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/28/74-09/28/74	1	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/28/74-08/23/75	8	0.425	0.556	1.4	0.1	0.196	0.443	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/28/74-08/23/75	9	0.02	0.107	0.75	0.005	0.058	0.242	0.005	0.015	0.055	0.75
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/28/74-08/23/75	9	0.01	0.019	0.08	0.005	0.001	0.024	0.005	0.008	0.02	0.08
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/28/74-08/23/75	9 ##	0.003	0.011	0.056	0.003	0.	0.018	0.003	0.003	0.013	0.056

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

EPA Water Quality Criteria Analysis for Station: ROMO0156

				Total	Exceed	Prop.	6/10-10/31			11/01-4/10			4/11-6/09			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	9	0	0.00	6	0	0.00	2	0	0.00	1	0	0.00			

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

Station Inventory for Station: ROMO0157

NPS Station ID: ROMO0157
LAT/LON: 40.251948/-105.833338
Agency: 11EPALES
Date Created: / /
Location: LITTLE COLUMBINE CREEK
FIPS State/County: 08000 COLORADO/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 0813C1
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14010001
Depth of Water: 0
Aquifer:
Major Basin: T/SHADOW MOUNTAIN LAKE
Elevation: 0
Water Body Id:
Minor Basin: ST RT 278 BRDG 300 FT E OF I34 JCT
ECO Region:
RF1 Index: 14010001046
RF1 Mile Point: 0.860
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 14010001004800.00
RF3 Mile Point: 0.00
Distance from RF3: 0.02
On/Off RF3:
Description:
ST RT 278 BRDG 300 FT E OF JCT WITH I34 SEC 6 T3N R76W

Parameter Inventory for Station: ROMO0157

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/28/74-08/23/75	9	0.015	0.019	0.045	0.003	0.	0.015	0.003	0.005	0.033	0.045
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/28/74-09/28/74	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/28/74-09/28/74	1	0.012	0.012	0.012	0.012	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/28/74-08/23/75	9	0.3	0.35	0.8	0.15	0.039	0.198	0.15	0.225	0.45	0.8
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/28/74-08/23/75	9	0.02	0.021	0.06	0.005	0.	0.017	0.005	0.008	0.03	0.06
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/28/74-08/23/75	9	0.03	0.032	0.05	0.015	0.	0.012	0.015	0.023	0.045	0.05
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/28/74-08/23/75	9	0.015	0.015	0.02	0.01	0.	0.004	0.01	0.01	0.02	0.02

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

EPA Water Quality Criteria Analysis for Station: ROMO0157

				Total	Exceed	Prop.	----------6/10-10/31----------			----------11/01-4/10----------			----------4/11-6/09----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	9	0	0.00	6	0	0.00	2	0	0.00	1	0	0.00			

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

Station Inventory for Station: ROMO0158

NPS Station ID: ROMO0158 | LAT/LON: 40.252503/-105.807199 | Agency: 11NPSWRD | Date Created: 06/18/99
Location: 106066/C04497 | FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): ROMO_NURE_164 /1074150 /1118628
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 14010001 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: UPPER COLORADO RIVER | ECO Region:
RF1 Index: 14010001 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE "GRAND LAKE COLORADO" 7.5 MINUTE SERIES QUADRANGLE. THE SITE IS AT A STREAM OUTSIDE OF ROCKY MOUNTAIN NATIONAL PARK. EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO ONE WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATA BASE: "NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SOIL; STREAM SEDIMENT; SURFACE WATER; AND GROUND WATER DATA. "UNIQID" FIELD ENTRIES WERE USED TO CREATE THE SECONDARY STATION NAMES. THE "LASLID" FIELD ENTRIES (LAB SAMPLE NUMBERS) WERE USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LAB. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND KELLI O'CONNOR; NATIONAL PARK SERVICE WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0158

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/23/76-09/23/76	1	8.6	8.6	8.6	8.6	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/23/76-09/23/76	1	155.	155.	155.	155.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/23/76-09/23/76	1	5.7	5.7	5.7	5.7	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/23/76-09/23/76	1	5.7	5.7	5.7	5.7	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/23/76-09/23/76	1	1.995	1.995	1.995	1.995	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/23/76-09/23/76	1	0.48	0.48	0.48	0.48	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0158

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: ROMO0159

NPS Station ID: ROMO0159
LAT/LON: 40.254726/-105.659727
Agency: 12WLS1
Date Created: 09/03/88
Location: LAKE POWELL
FIPS State/County: 08013 COLORADO/BOULDER
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 4E1-026
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 65
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 2.40
On/Off RF1:
RF3 Index: 10190005001410.95
RF3 Mile Point: 11.48
Distance from RF3: 0.00
On/Off RF3:
Description:
THIS DATA WAS COLLECTED DURING THE WESTERN LAKE SURVEY-PHASE I (WLS-I) AS PART OF EPA'S NATIONAL SURFACE WATER SURVEY, AQUATIC EFFECTS RESEARCH PROGRAM. THE SURVEY DESIGN, METHODS, AND DATA LIMITATIONS ARE DESCRIBED IN:
LANDERS, D.H., ET AL. 1987. CHARACTERISTICS OF LAKES IN THE WESTERN UNITED STATES. VOL. I. POPULATION DESCRIPTIONS AND PHYSICO-CHEMICAL RELATIONSHIPS. EPA/600/4-86/054A. U.S. ENVIRON. PROT. AGENCY, WASHINGTON, D.C. 176 PP.
THE DATA PRESENTED HERE ARE THOSE REPORTED IN LANDERS ET AL. (1987) WITH THE FOLLOWING EXCEPTIONS: (1) UNITS FOR CHEMICAL PARAMETERS ARE TYPICALLY IN MG/L RATHER THAN MICROEQ/L; (2) NO SUBSTITUTED VALUES ARE PROVIDED FOR SUSPECT DATA; (3) TAGS AND FLAGS USED TO IDENTIFY SUSPICIOUS DATA ARE NOT SHOWN; AND (4) CALCULATED OR DERIVED VARIABLES ARE EXCLUDED.

Parameter Inventory for Station: ROMO0159

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/02/85-10/02/85	1	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/02/85-10/02/85	1	13.4	13.4	13.4	13.4	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	10/02/85-10/02/85	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/02/85-10/02/85	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00154	SULFATE (AS S) WHOLE WATER, MG/L	10/02/85-10/02/85	1	0.967	0.967	0.967	0.967	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	10/02/85-10/02/85	1	6.3	6.3	6.3	6.3	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/02/85-10/02/85	1	6.3	6.3	6.3	6.3	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/02/85-10/02/85	1	0.501	0.501	0.501	0.501	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	10/02/85-10/02/85	1	19.4	19.4	19.4	19.4	0.	0.	**	**	**	**
00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	10/02/85-10/02/85	1	4.9	4.9	4.9	4.9	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/02/85-10/02/85	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	10/02/85-10/02/85	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00910	CALCIUM (MG/L AS CACO3)	10/02/85-10/02/85	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/02/85-10/02/85	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/02/85-10/02/85	1	0.31	0.31	0.31	0.31	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/02/85-10/02/85	1	0.14	0.14	0.14	0.14	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/02/85-10/02/85	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/02/85-10/02/85	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/02/85-10/02/85	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/02/85-10/02/85	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	10/02/85-10/02/85	1	23.	23.	23.	23.	0.	0.	**	**	**	**
70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	10/02/85-10/02/85	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

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

Parameter Inventory for Station: ROMO0159

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/02/85-10/02/85	1	1.	1.	1.	1.	0.	0.	**	**	**	**
71885	IRON (UG/L AS FE)	10/02/85-10/02/85	1	5.	5.	5.	5.	0.	0.	**	**	**	**
72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	10/02/85-10/02/85	1	11547.1	11547.1	11547.1	11547.1	0.	0.	**	**	**	**
82047	DEPTH TO THE TOP OF THE SAMPLING INTERVAL (METERS)	10/02/85-10/02/85	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/02/85-10/02/85	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0159

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00154	SULFATE (AS S) WHOLE WATER	Drinking Water	250.	1	0	0.00	1	0	0.00									
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: ROMO0160

NPS Station ID: ROMO0160 LAT/LON: 40.254920/-105.632198 Agency: 11NPSWRD Date Created: 04/10/99
Location: GLACIER CREEK ABOVE BIVOUAC AT GREEN LAKE FIPS State/County: 08013 COLORADO/BOULDER
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): ROMO_NPS_ABG
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI RIVER Elevation: 0 Water Body Id:
Minor Basin: SOUTH PLATTE RIVER ECO Region:
RF1 Index: 10190006 RF1 Mile Point: 0.000 Distance from RF1: 12.40 On/Off RF1:
RF3 Index: 10190007002218.40 RF3 Mile Point: 18.39 Distance from RF3: 0.57 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MCHENRYS PEAK; COLORADO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION ABG WAS AT GLACIER CREEK UPSTREAM OF THE BIVOUAC AT GREEN LAKE INSIDE OF THE ROCKY MOUNTAIN NATIONAL PARK (ROMO) BOUNDARIES. THE CREEK WAS SAMPLED AS PART OF A STUDY TO ASSESS THE IMPACT OF RECREATIONISTS ON STREAM WATER QUALITY; THE PRESENCE OR ABSENCE OF GIARDIA; AND THE IMPACT ON BACKCOUNTRY USERS WHO INGEST WATER FROM STREAMS OR LAKES IN THE LOCH VALE AND GLACIER GORGE WATERSHEDS. DATA WERE PUBLISHED IN A NATURAL RESOURCES REPORT SERIES 85-3 REPORT TITLED "FIELD SURVEY OF GIARDIA IN STREAMS AND WILDLIFE OF THE GLACIER GORGE AND LOCH VALE BASINS; ROCKY MOUNTAIN NATIONAL PARK" BY SAM KUNKLE AND NANCY COWDIN (1985). FOR MORE INFORMATION CONTACT ROMO'S CHIEF OF RESOURCES AT ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0160

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61732 GIARDIA, FILTRATION CYSTS/100 GAL	08/06/84-09/26/84	4	0.	0.	0.	0.	0.	0.	**	**	**	**

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

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

Station Inventory for Station: ROMO0161

NPS Station ID: ROMO0161 LAT/LON: 40.255615/-105.521392 Agency: 11NPSWRD Date Created: 06/18/99
Location: 105785/C04265 FIPS State/County: 08013 COLORADO/BOULDER
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): ROMO_NURE_186 /1073972 /1118450
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 10190005 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI RIVER Elevation: 0 Water Body Id:
Minor Basin: SOUTH PLATTE RIVER ECO Region:
RF1 Index: 10190005 RF1 Mile Point: 0.000 Distance from RF1: 12.40 On/Off RF1:
RF3 Index: 10190007002218.40 RF3 Mile Point: 18.39 Distance from RF3: 0.57 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE "LONGS PEAK COLORADO" 7.5 MINUTE SERIES QUADRANGLE. THE SITE IS AT A STREAM OUTSIDE OF ROCKY MOUNTAIN NATIONAL PARK. EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO ONE WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATA BASE: "NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SOIL; STREAM SEDIMENT; SURFACE WATER; AND GROUND WATER DATA. "UNIQID" FIELD ENTRIES WERE USED TO CREATE THE SECONDARY STATION NAMES. THE "LASLID" FIELD ENTRIES (LAB SAMPLE NUMBERS) WERE USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LAB. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND KELLI O'CONNOR; NATIONAL PARK SERVICE WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0161

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/21/76-09/21/76	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/21/76-09/21/76	1	40.	40.	40.	40.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/21/76-09/21/76	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/21/76-09/21/76	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/21/76-09/21/76	1	0.158	0.158	0.158	0.158	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/21/76-09/21/76	1	0.38	0.38	0.38	0.38	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0161

				Total	Exceed	Prop.	----------6/10-10/31----------			----------11/01-4/10----------			----------4/11-6/09----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: ROMO0162

NPS Station ID: ROMO0162 | LAT/LON: 40.255615/-105.536115 | Agency: 11NPSWRD | Date Created: 06/18/99
Location: 105786/C04266 | FIPS State/County: 08013 COLORADO/BOULDER
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): ROMO_NURE_179 /1073973 /1118451
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 10190005 | Depth of Water: 0 | Aquifer:
Major Basin: MISSOURI RIVER | Elevation: 0 | Water Body Id:
Minor Basin: SOUTH PLATTE RIVER | ECO Region:
RF1 Index: 10190005 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE "LONGS PEAK COLORADO" 7.5 MINUTE SERIES QUADRANGLE. THE SITE IS AT A STREAM OUTSIDE OF ROCKY MOUNTAIN NATIONAL PARK. EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO ONE WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATA BASE: "NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SOIL; STREAM SEDIMENT; SURFACE WATER; AND GROUND WATER DATA. "UNIQID" FIELD ENTRIES WERE USED TO CREATE THE SECONDARY STATION NAMES. THE "LASLID" FIELD ENTRIES (LAB SAMPLE NUMBERS) WERE USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LAB. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND KELLI O'CONNOR; NATIONAL PARK SERVICE WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0162

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/21/76-09/21/76	1	6.3	6.3	6.3	6.3	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/21/76-09/21/76	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/21/76-09/21/76	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/21/76-09/21/76	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/21/76-09/21/76	1	0.126	0.126	0.126	0.126	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/21/76-09/21/76	1	0.39	0.39	0.39	0.39	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0162

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: ROMO0163

NPS Station ID: ROMO0163 | LAT/LON: 40.256392/-105.716670 | Agency: 12WLS1 | Date Created: 09/03/88
Location: LAKE NANITA | FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): 4E1-027
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14010001 | Depth of Water: 55 | Aquifer:
Major Basin: | Elevation: 0 | Water Body Id:
Minor Basin: | ECO Region:
RF1 Index: 14010001 | RF1 Mile Point: 0.000 | Distance from RF1: 21.00 | On/Off RF1:
RF3 Index: 14010001110700.61 | RF3 Mile Point: 0.61 | Distance from RF3: 0.03 | On/Off RF3:
Description:
THIS DATA WAS COLLECTED DURING THE WESTERN LAKE SURVEY-PHASE I (WLS-I) AS PART OF EPA'S NATIONAL SURFACE WATER SURVEY, AQUATIC EFFECTS RESEARCH PROGRAM. THE SURVEY DESIGN, METHODS, AND DATA LIMITATIONS ARE DESCRIBED IN:
LANDERS, D.H., ET AL. 1987. CHARACTERISTICS OF LAKES IN THE WESTERN UNITED STATES. VOL. I. POPULATION DESCRIPTIONS AND PHYSICO-CHEMICAL RELATIONSHIPS. EPA/600/4-86/054A. U.S. ENVIRON. PROT. AGENCY, WASHINGTON, D.C. 176 PP.
THE DATA PRESENTED HERE ARE THOSE REPORTED IN LANDERS ET AL. (1987) WITH THE FOLLOWING EXCEPTIONS: (1) UNITS FOR CHEMICAL PARAMETERS ARE TYPICALLY IN MG/L RATHER THAN MICROEQ/L; (2) NO SUBSTITUTED VALUES ARE PROVIDED FOR SUSPECT DATA; (3) TAGS AND FLAGS USED TO IDENTIFY SUSPICIOUS DATA ARE NOT SHOWN; AND (4) CALCULATED OR DERIVED VARIABLES ARE EXCLUDED.

Parameter Inventory for Station: ROMO0163

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/02/85-10/02/85	1	5.9	5.9	5.9	5.9	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/02/85-10/02/85	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	10/02/85-10/02/85	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/02/85-10/02/85	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00154	SULFATE (AS S) WHOLE WATER, MG/L	10/02/85-10/02/85	1	1.017	1.017	1.017	1.017	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	10/02/85-10/02/85	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/02/85-10/02/85	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/02/85-10/02/85	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	10/02/85-10/02/85	1	74.6	74.6	74.6	74.6	0.	0.	**	**	**	**
00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	10/02/85-10/02/85	1	5.9	5.9	5.9	5.9	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/02/85-10/02/85	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	10/02/85-10/02/85	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00910	CALCIUM (MG/L AS CACO3)	10/02/85-10/02/85	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/02/85-10/02/85	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/02/85-10/02/85	1	0.42	0.42	0.42	0.42	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/02/85-10/02/85	1	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/02/85-10/02/85	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/02/85-10/02/85	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/02/85-10/02/85	1	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/02/85-10/02/85	1	9.	9.	9.	9.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	10/02/85-10/02/85	1	13.	13.	13.	13.	0.	0.	**	**	**	**
70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	10/02/85-10/02/85	1	0.135	0.135	0.135	0.135	0.	0.	**	**	**	**

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

Parameter Inventory for Station: ROMO0163

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/02/85-10/02/85	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
71885	IRON (UG/L AS FE)	10/02/85-10/02/85	1	6.	6.	6.	6.	0.	0.	**	**	**	**
72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	10/02/85-10/02/85	1	10786.6	10786.6	10786.6	10786.6	0.	0.	**	**	**	**
82047	DEPTH TO THE TOP OF THE SAMPLING INTERVAL (METERS)	10/02/85-10/02/85	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/02/85-10/02/85	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0163

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00154	SULFATE (AS S) WHOLE WATER	Drinking Water	250.	1	0	0.00	1	0	0.00									
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: ROMO0164

NPS Station ID: ROMO0164
LAT/LON: 40.256420/-105.642838
Agency: 11NPSWRD
Date Created: 08/28/99
Location: Frozen Lake Inlet
FIPS State/County: 08013 COLORADO/BOULDER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_SM_GGFLI
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190005
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190005
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the McHenrys Peak CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0164

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	1	28.	28.	28.	28.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	1	5.7	5.7	5.7	5.7	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/31/81-07/31/81	1	5.7	5.7	5.7	5.7	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	1.995	1.995	1.995	1.995	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	1	6.1	6.1	6.1	6.1	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/31/81-07/31/81	1	6.1	6.1	6.1	6.1	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.794	0.794	0.794	0.794	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0164

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: ROMO0165

NPS Station ID: ROMO0165 | LAT/LON: 40.256699/-105.838309 | Agency: 11NPSWRD | Date Created: 06/18/99
Location: 105336/C04056 | FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): ROMO_NURE_227 /1073803 /1118281
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14010001 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: UPPER COLORADO RIVER | ECO Region:
RF1 Index: 14010001 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE GRAND LAKE CO 7.5' SERIES (TOPOGRAPHIC) QUAD. THE SITE IS AT A STREAM WITHIN ROCKY MOUNTAIN NATIONAL PARK (ROMO). EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN ONE WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE U.S. GEOLOGICAL SURVEY "NATIONAL GEOCHEMICAL DATA BASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND KIM BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. "UNIQID" ENTRIES WERE USED TO CREATE THE SECONDARY STATION NAMES. "LASLID" ENTRIES WERE USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LABORATORY. FOR MORE INFORMATION ABOUT THE PARK CONTACT NATURAL RESOURCES AT ROMO; ESTES PARK; CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AT NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS; CO 80525 (TEL. 970-225-3556).

Parameter Inventory for Station: ROMO0165

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/29/76-09/29/76	1	8.9	8.9	8.9	8.9	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/29/76-09/29/76	1	135.	135.	135.	135.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/29/76-09/29/76	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/29/76-09/29/76	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/29/76-09/29/76	1	0.063	0.063	0.063	0.063	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/29/76-09/29/76	1	0.94	0.94	0.94	0.94	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0165

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: ROMO0166

NPS Station ID: ROMO0166 | LAT/LON: 40.256892/-105.815310 | Agency: 11NPSWRD | Date Created: 06/18/99
Location: 106067/C04498 | FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): ROMO_NURE_229 /1074151 /1118629
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14010001 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: UPPER COLORADO RIVER | ECO Region:
RF1 Index: 14010001 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE GRAND LAKE CO 7.5' SERIES (TOPOGRAPHIC) QUAD. THE SITE IS AT A STREAM WITHIN ROCKY MOUNTAIN NATIONAL PARK (ROMO). EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN ONE WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE U.S. GEOLOGICAL SURVEY "NATIONAL GEOCHEMICAL DATA BASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND KIM BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. "UNIQID" ENTRIES WERE USED TO CREATE THE SECONDARY STATION NAMES. "LASLID" ENTRIES WERE USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LABORATORY. FOR MORE INFORMATION ABOUT THE PARK CONTACT NATURAL RESOURCES AT ROMO; ESTES PARK; CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AT NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS; CO 80525 (TEL. 970-225-3556).

Parameter Inventory for Station: ROMO0166

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/23/76-09/23/76	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/23/76-09/23/76	1	145.	145.	145.	145.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/23/76-09/23/76	1	6.3	6.3	6.3	6.3	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/23/76-09/23/76	1	6.3	6.3	6.3	6.3	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/23/76-09/23/76	1	0.501	0.501	0.501	0.501	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/23/76-09/23/76	1	0.29	0.29	0.29	0.29	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0166

Parameter				Total	Exceed	Prop.	6/10-10/31			11/01-4/10			4/11-6/09			n/a		
		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: ROMO0167

NPS Station ID: ROMO0167
LAT/LON: 40.258253/-105.606559
Agency: 11NPSWRD
Date Created: 05/01/99
Location: CHASM LAKE INLET
FIPS State/County: 08013 COLORADO/BOULDER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_MT_CLI
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190005
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190005
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE LONGS PEAK CO BOULDER COUNTY 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT THE INLET TO CHASM LAKE IN ROCKY MOUNTAIN NATIONAL PARK. THE DATA ARE FROM THE 1979 REPORT BY WILLIAM M. TIPTON OF ROCKY MOUNTAIN NATIONAL PARK WHICH SUMMARIZED THE RESULTS OF A CASE STUDY ON THE IMPACT OF EXCESS BIVOUAC USE TO WATER QUALITY OF AREA STREAMS BELOW THE EAST FACE OF LONGS PEAK. FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0167

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/21/78-08/21/79	2	2.5	2.5	3.	2.	0.5	0.707	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/21/78-08/21/79	2	10.	10.	10.	10.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	06/21/78-08/21/79	2	6.25	6.25	6.4	6.1	0.045	0.212	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/21/78-08/21/79	2	6.225	6.225	6.4	6.1	0.046	0.215	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/21/78-08/21/79	2	0.596	0.596	0.794	0.398	0.078	0.28	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/21/78-08/21/79	2 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/21/78-08/21/79	2	0.25	0.25	0.3	0.2	0.005	0.071	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	06/21/78-08/21/79	2	0.055	0.055	0.08	0.03	0.001	0.035	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	06/21/78-08/21/79	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/21/78-08/21/79	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/21/78-08/21/79	2	5.5	5.5	6.	5.	0.5	0.707	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0167

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	2	1.00	2	2	1.00									
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	2	0	0.00	2	0	0.00									

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

Station Inventory for Station: ROMO0168

NPS Station ID: ROMO0168
LAT/LON: 40.258337/-105.798059
Agency: 112WRD
Date Created: 11/18/75
Location: NORTH INLET AT SUMMERLAND PARK
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 401530105475300
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14010001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14010001071
RF1 Mile Point: 1.240
Distance from RF1: 16.20
On/Off RF1: ON
RF3 Index: 14010001111101.03
RF3 Mile Point: 1.73
Distance from RF3: 0.09
On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0168

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/27/74-08/27/74	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/02/74-08/27/74	2	16.5	16.5	18.	15.	4.5	2.121	**	**	**	**
00400	PH (STANDARD UNITS)	07/02/74-07/02/74	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/02/74-07/02/74	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/02/74-07/02/74	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	07/02/74-07/02/74	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/02/74-08/27/74	2	6.5	6.5	7.	6.	0.5	0.707	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	07/02/74-08/27/74	2	8.	8.	9.	7.	2.	1.414	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	07/02/74-07/02/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/02/74-08/27/74	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	07/02/74-08/27/74	2	0.015	0.015	0.03	0.	0.	0.021	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/74-08/27/74	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/02/74-08/27/74	2	9.5	9.5	14.	5.	40.5	6.364	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/02/74-08/27/74	2	3.	3.	6.	0.	18.	4.243	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/02/74-08/27/74	2	2.25	2.25	2.7	1.8	0.405	0.636	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/02/74-08/27/74	2	0.9	0.9	1.7	0.1	1.28	1.131	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/02/74-08/27/74	2	1.15	1.15	1.4	0.9	0.125	0.354	**	**	**	**
00931	SODIUM ADSORPTION RATIO	07/02/74-08/27/74	2	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	07/02/74-08/27/74	2	22.5	22.5	27.	18.	40.5	6.364	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/02/74-08/27/74	2	0.25	0.25	0.3	0.2	0.005	0.071	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/02/74-08/27/74	2	1.25	1.25	2.	0.5	1.125	1.061	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/02/74-08/27/74	2	2.5	2.5	3.	2.	0.5	0.707	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/02/74-08/27/74	2	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/02/74-08/27/74	2	3.9	3.9	4.3	3.5	0.32	0.566	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/02/74-08/27/74	2	110.	110.	170.	50.	7200.	84.853	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/02/74-08/27/74	2 ##	167.5	167.5	330.	5.	52812.5	229.81	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/02/74-08/27/74	2	16.	16.	20.	12.	32.	5.657	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	07/02/74-08/27/74	2	0.025	0.025	0.03	0.02	0.	0.007	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0168

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	2	0	0.00	2	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00	2	0	0.00									
		Drinking Water	250.	2	0	0.00	2	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	2	0	0.00	2	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	2	0	0.00	2	0	0.00									

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

Station Inventory for Station: ROMO0169

NPS Station ID: ROMO0169 | LAT/LON: 40.258949/-105.602337 | Agency: 11NPSWRD | Date Created: 05/01/99
Location: CHASM LAKE OUTLET | FIPS State/County: 08013 COLORADO/BOULDER
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): ROMO_MT_CLO
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 10190005 | Depth of Water: 0 | Aquifer:
Major Basin: MISSOURI RIVER | Elevation: 0 | Water Body Id:
Minor Basin: SOUTH PLATTE RIVER | ECO Region:
RF1 Index: 10190005 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE LONGS PEAK CO BOULDER COUNTY 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS IN THE OUTLET STREAM FROM CHASM LAKE IN ROCKY MOUNTAIN NATIONAL PARK. THE DATA ARE FROM THE 1979 REPORT BY WILLIAM M. TIPTON OF ROCKY MOUNTAIN NATIONAL PARK WHICH SUMMARIZED THE RESULTS OF A CASE STUDY ON THE IMPACT OF EXCESS BIVOUAC USE TO WATER QUALITY OF AREA STREAMS BELOW THE EAST FACE OF LONGS PEAK. FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0169

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/21/78-06/21/78	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/21/78-06/21/78	1	23.	23.	23.	23.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	06/21/78-06/21/78	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/21/78-06/21/78	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/21/78-06/21/78	1	0.126	0.126	0.126	0.126	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/21/78-06/21/78	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/21/78-06/21/78	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	06/21/78-06/21/78	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	06/21/78-06/21/78	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/21/78-06/21/78	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/21/78-06/21/78	1	9.	9.	9.	9.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0169

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: ROMO0170

NPS Station ID: ROMO0170
LAT/LON: 40.259059/-105.641504
Agency: 11NPSWRD
Date Created: 08/28/99
Location: Glacier Creek Frozen Lake Outlet
FIPS State/County: 08013 COLORADO/BOULDER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_SM_GGFLO
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190005
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190005
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the McHenrys Peak CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0170

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	1	5.9	5.9	5.9	5.9	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/31/81-07/31/81	1	5.9	5.9	5.9	5.9	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	1.259	1.259	1.259	1.259	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	1	6.15	6.15	6.15	6.15	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/31/81-07/31/81	1	6.15	6.15	6.15	6.15	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.708	0.708	0.708	0.708	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0170

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: ROMO0171

NPS Station ID: ROMO0171
LAT/LON: 40.259170/-105.602226
Agency: 112WRD
Date Created: 01/07/89
Location: CHASM LAKE
FIPS State/County: 08013 COLORADO/BOULDER
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 401533105360800
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC:
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 2.40
On/Off RF1:
RF3 Index: 14010001004400.00
RF3 Mile Point: 0.00
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0171

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/23/87-09/18/89	32	0.	0.125	2.	0.	0.242	0.492	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/23/87-09/18/89	15	6.5	6.213	9.8	2.	5.53	2.352	2.3	4.5	7.5	9.62
00080	COLOR (PLATINUM-COBALT UNITS)	09/23/87-09/18/89	32	1.	3.	12.	0.5	13.581	3.685	0.5	0.5	4.5	10.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/23/87-09/18/89	17	10.	10.529	12.	9.	0.89	0.943	9.	10.	11.	12.
00300	OXYGEN, DISSOLVED MG/L	09/23/87-10/08/88	5	7.1	7.16	7.8	6.9	0.138	0.371	**	**	**	**
00400	PH (STANDARD UNITS)	09/23/87-09/18/89	16	6.785	6.738	7.04	6.23	0.039	0.197	6.405	6.625	6.878	6.942
00400	CONVERTED PH (STANDARD UNITS)	09/23/87-09/18/89	16	6.785	6.689	7.04	6.23	0.041	0.203	6.405	6.625	6.878	6.942
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/23/87-09/18/89	16	0.164	0.205	0.589	0.091	0.014	0.12	0.115	0.133	0.238	0.408
00403	PH, LAB, STANDARD UNITS SU	09/23/87-09/18/89	32	7.35	7.456	8.9	6.7	0.324	0.569	7.	7.	7.75	8.4
00403	CONVERTED PH, LAB, STANDARD UNITS	09/23/87-09/18/89	32	7.347	7.22	8.9	6.7	0.381	0.618	7.	7.	7.75	8.4
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/23/87-09/18/89	32	0.045	0.06	0.2	0.001	0.003	0.052	0.004	0.018	0.1	0.1
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	06/27/88-09/18/89	30	0.004	0.005	0.015	0.001	0.	0.004	0.001	0.001	0.008	0.011
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/06/89-09/06/89	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/23/87-09/18/89	28	0.255	0.274	0.48	0.23	0.004	0.062	0.239	0.24	0.28	0.318
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/27/88-09/18/89	30 ##	0.1	0.167	0.4	0.1	0.011	0.103	0.1	0.1	0.2	0.4
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/27/88-09/18/89	30	0.3	0.28	0.5	0.2	0.007	0.085	0.2	0.2	0.3	0.4
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/27/88-09/18/89	30 ##	0.005	0.019	0.16	0.005	0.002	0.039	0.005	0.005	0.01	0.03
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/23/87-09/18/89	32 ##	0.001	0.002	0.005	0.001	0.	0.002	0.001	0.001	0.005	0.005
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/23/87-09/18/89	32	1.1	1.088	1.2	1.	0.004	0.061	1.	1.025	1.1	1.2
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/23/87-09/18/89	32	0.1	0.12	0.2	0.07	0.002	0.048	0.08	0.09	0.175	0.2
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/23/87-09/18/89	32	0.33	0.325	0.39	0.25	0.001	0.036	0.27	0.295	0.348	0.37
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/23/87-09/18/89	32	0.12	0.123	0.15	0.1	0.	0.015	0.11	0.11	0.138	0.15
00940	CHLORIDE,TOTAL IN WATER MG/L	09/23/87-09/18/89	32	0.2	0.163	0.3	0.1	0.004	0.061	0.1	0.1	0.2	0.2
00945	SULFATE, TOTAL (MG/L AS SO4)	09/23/87-09/18/89	32	1.	0.969	1.	0.5	0.015	0.123	1.	1.	1.	1.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/23/87-09/18/89	32	0.05	0.045	0.06	0.005	0.	0.014	0.02	0.04	0.05	0.06
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/23/87-09/18/89	32	1.2	1.194	1.3	1.	0.007	0.084	1.1	1.125	1.275	1.3
01046	IRON, DISSOLVED (UG/L AS FE)	09/23/87-09/18/89	32	5.	10.375	99.	1.5	544.435	23.333	1.5	2.125	6.	8.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/23/87-09/18/89	32 ##	0.5	0.969	3.	0.5	0.757	0.87	0.5	0.5	1.	3.
71870	BROMIDE (MG/L AS BR)	09/23/87-09/18/89	32 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
82086	SULFUR-34/SULFUR-32 STABLE ISOTOPE RATIO PER MIL	10/08/88-10/08/88	2	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0171

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	5	0	0.00	5	0	0.00									
00400	PH	Fresh Chronic	9.	16	0	0.00	16	0	0.00									
		Other-Lo Lim.	6.5	16	2	0.13	16	2	0.13									
00403	PH, LAB	Fresh Chronic	9.	32	0	0.00	32	0	0.00									
		Other-Lo Lim.	6.5	32	0	0.00	32	0	0.00									
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	2	0	0.00	2	0	0.00									
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	28	0	0.00	28	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	30	0	0.00	30	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	32	0	0.00	32	0	0.00									
		Drinking Water	250.	32	0	0.00	32	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	32	0	0.00	32	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	32	0	0.00	32	0	0.00									

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

Station Inventory for Station: ROMO0172

NPS Station ID: ROMO0172
LAT/LON: 40.259448/-105.788226
Agency: 11NPSWRD
Date Created: 06/12/99
Location: NORTH INLET AT SUMMERLAND PARK
FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_JR_CAP49
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14010001
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 0
Water Body Id:
Minor Basin: UPPER COLORADO RIVER
ECO Region:
RF1 Index: 14010001
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE GRAND LAKE CO 7.5' SERIES (TOPO.) QUADRANGLE. THE SITE IS LOCATED AT THE NORTH INLET AT SUMMERLAND PARK AND IS WITHIN ROCKY MOUNTAIN NATIONAL PARK. THE DATA ARE FROM ANNUAL CAPSHELL SNAIL MONITORING PROGRAM REPORTS BY JOHN RIEBESELL OF THE DEPARTMENT OF NATURAL RESOURCES AT THE UNIVERSITY OF MICHIGAN IN DEARBORN MI. TTHE REPORTS SUMMARIZED POPULATION DATA AND WATER QUALITY CHARACTERISTICS OF THE HABITAT OF CAPSHELL SNAILS; A CANDIDATE FOR LISTING UNDER THE FEDERAL ENDANGERED SPECIES ACT. FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0172

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/02/96-08/13/96	2	8.95	8.95	11.3	6.6	11.045	3.323	**	**	**	**

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

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

Station Inventory for Station: ROMO0173

NPS Station ID: ROMO0173 | LAT/LON: 40.259448/-105.846948 | Agency: 112WRD | Date Created: 01/07/89
Location: Columbine Lake | FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): 401534105504900
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: | Depth of Water: 0 | Aquifer:
Major Basin: | Elevation: 0 | Water Body Id:
Minor Basin: | ECO Region:
RF1 Index: | RF1 Mile Point: 0.000 | Distance from RF1: 2.60 | On/Off RF1:
RF3 Index: 14010001002101.90 | RF3 Mile Point: 2.23 | Distance from RF3: 0.26 | On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0173

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/24/87-07/24/87	4	22.5	22.5	43.	2.	560.333	23.671	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/24/87-07/24/87	2	11.7	11.7	18.2	5.2	84.5	9.192	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/24/87-07/24/87	4 ##	1.75	1.75	3.	0.5	2.083	1.443	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/24/87-07/24/87	4	61.5	61.5	75.	48.	243.	15.588	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/24/87-07/24/87	2	3.6	3.6	7.	0.2	23.12	4.808	**	**	**	**
00400	PH (STANDARD UNITS)	07/24/87-07/24/87	2	7.465	7.465	8.06	6.87	0.708	0.841	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/24/87-07/24/87	2	7.144	7.144	8.06	6.87	0.914	0.956	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/24/87-07/24/87	2	0.072	0.072	0.135	0.009	0.008	0.089	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/24/87-07/24/87	4	7.55	7.55	8.	7.1	0.27	0.52	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/24/87-07/24/87	4	7.35	7.35	8.	7.1	0.324	0.569	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/24/87-07/24/87	4	0.045	0.045	0.079	0.01	0.002	0.04	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	07/24/87-07/24/87	4 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/24/87-07/24/87	4 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/24/87-07/24/87	4	6.35	6.35	7.7	5.	2.43	1.559	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/24/87-07/24/87	4	1.65	1.65	2.	1.3	0.163	0.404	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/24/87-07/24/87	4	2.65	2.65	3.	2.3	0.163	0.404	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/24/87-07/24/87	4	1.55	1.55	1.9	1.2	0.163	0.404	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/24/87-07/24/87	4	0.55	0.55	0.7	0.4	0.03	0.173	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/24/87-07/24/87	4	2.	2.	2.	2.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/24/87-07/24/87	4	0.205	0.205	0.24	0.17	0.002	0.04	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/24/87-07/24/87	4	11.85	11.85	15.	8.7	13.23	3.637	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/24/87-07/24/87	4	186.	186.	320.	52.	23941.333	154.73	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/24/87-07/24/87	2	3.	3.	3.	3.	0.	0.	**	**	**	**
71870	BROMIDE (MG/L AS BR)	07/24/87-07/24/87	4 ##	0.013	0.013	0.02	0.005	0.	0.009	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0173

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	1	0.50	2	1	0.50									
00400	PH	Fresh Chronic	9.	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	0	0.00	2	0	0.00									
00403	PH, LAB	Fresh Chronic	9.	4	0	0.00	4	0	0.00									
		Other-Lo Lim.	6.5	4	0	0.00	4	0	0.00									

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

EPA Water Quality Criteria Analysis for Station: ROMO0173

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	4	0	0.00	4	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	4	0	0.00	4	0	0.00									
		Drinking Water	250.	4	0	0.00	4	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	4	0	0.00	4	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	4	0	0.00	4	0	0.00									

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

Station Inventory for Station: ROMO0174

NPS Station ID: ROMO0174
LAT/LON: 40.259726/-105.616671
Agency: 11NPSWRD
Date Created: 08/21/99
Location: Boulder Brook Main Stem First Surfacing
FIPS State/County: 08013 COLORADO/BOULDER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_JS_BBSURF
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190005
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 4010
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190005
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the Longs Peak CO 7.5' (topographic) series quadrangle in Rocky Mountain National Park. The station is located in the headwaters of Boulder Brook where it first surfaces NE of The Dove. The data originated from a University of Colorado dissertation entitled "Isotopic and Chemical Flowpath Separation of Streamflow During Snowmelt and Hydrogeological Controls of Surface-Water Chemistry in Six Alpine-Subalpine Basins; Rocky Mountain National Park; Colorado" 1996 by Julie K. Sueker. Sueker also contributed other data that weren't included in her dissertation. For more information about the data; contact Julie K. Sueker; Exponent Environmental Group; 4940 Pearl East Circle Ste. 300; Boulder CO 80301 (Tel. 970-444-7270). For information on the park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 97 -586-1206). Data were uploaded to STORET by Margaret Matter; NPS-WRD; 1201 Oak Ridge Dr. Ste. 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0174

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/06/93-08/15/95	3	7.	7.333	11.	4.	12.333	3.512	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	09/06/93-08/15/95	3	5.5	5.767	6.6	5.2	0.543	0.737	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/06/93-08/15/95	3	5.5	5.489	6.6	5.2	0.659	0.812	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/06/93-08/15/95	3	3.162	3.241	6.31	0.251	9.181	3.03	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	09/06/93-08/15/95	3	54.	74.467	174.9	-5.5	8450.203	91.925	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/06/93-08/15/95	3	0.09	0.29	0.7	0.08	0.126	0.355	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	09/06/93-08/15/95	3	0.6	0.6	0.8	0.4	0.04	0.2	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/06/93-08/15/95	3	0.6	1.5	3.9	0.	4.41	2.1	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/15/95-08/15/95	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
46552	CALCIUM,FIELD ACIDIFIED W/HNO3 LAB FILTER(MG/L)	09/06/93-07/20/94	2	0.555	0.555	0.88	0.23	0.211	0.46	**	**	**	**
46554	MAGNESIUM,FIELD ACIDIFIED-HNO3-LAB FILT(MG/L-MG)	09/06/93-07/20/94	2	0.075	0.075	0.13	0.02	0.006	0.078	**	**	**	**
46555	POTASSIUM,FIELD ACIDIFIED-HNO3-LAB FILT.(MG/L-K))	09/06/93-07/20/94	2	0.15	0.15	0.27	0.03	0.029	0.17	**	**	**	**
46556	SODIUM, FIELD ACIDIFIED W/HNO3, LAB FILTERED MG/L	09/06/93-07/20/94	2	0.435	0.435	0.81	0.06	0.281	0.53	**	**	**	**
50790	OXYGEN-18, (DELTA UNITS - PARTS PER THOUSAND)	07/20/94-07/20/94	1	-17.35	-17.35	-17.35	-17.35	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	08/15/95-08/15/95	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/06/93-08/15/95	3	0.6	0.737	1.6	0.01	0.646	0.804	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0174

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	3	0	0.00	3	0	0.00									
		Other-Lo Lim.	6.5	3	2	0.67	3	2	0.67									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	3	3	1.00	3	3	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	3	0	0.00	3	0	0.00									
		Drinking Water	250.	3	0	0.00	3	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	3	0	0.00	3	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	3	0	0.00	3	0	0.00									

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

Station Inventory for Station: ROMO0175

NPS Station ID: ROMO0175
LAT/LON: 40.259726/-105.618338
Agency: 11NPSWRD
Date Created: 08/21/99
Location: Boulder Brook Main Stem Headwater 1
FIPS State/County: 08013 COLORADO/BOULDER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_JS_BBHW1
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190005
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 4000
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190005
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the Longs Peak CO 7.5' (topographic) series quadrangle in Rocky Mountain National Park. The station is located in the Boulder Brook main stem headwaters below the Dove east of Keyhole. The data originated from a University of Colorado dissertation entitled "Isotopic and Chemical Flowpath Separation of Streamflow During Snowmelt and Hydrogeological Controls of Surface-Water Chemistry in Six Alpine-Subalpine Basins; Rocky Mountain National Park; Colorado" 1996 by Julie K. Sueker. Sueker also contributed other data that weren't included in her dissertation. For more information about the data; contact Julie K. Sueker; Exponent Environmental Group; 4940 Pearl East Circle Ste. 300; Boulder CO 80301 (Tel. 970-444-7270). For information on the park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 97 -586-1206). Data were uploaded to STORET by Margaret Matter; NPS-WRD; 1201 Oak Ridge Dr. Ste. 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0175

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/15/95-08/15/95	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/15/95-08/15/95	1	5.3	5.3	5.3	5.3	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/15/95-08/15/95	1	5.3	5.3	5.3	5.3	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/15/95-08/15/95	1	5.012	5.012	5.012	5.012	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	08/15/95-08/15/95	1	-2.3	-2.3	-2.3	-2.3	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/15/95-08/15/95	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/15/95-08/15/95	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/15/95-08/15/95	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/15/95-08/15/95	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	08/15/95-08/15/95	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/15/95-08/15/95	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0175

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: ROMO0176

NPS Station ID: ROMO0176 | LAT/LON: 40.261116/-105.891670 | Agency: 113FORS2 | Date Created: 03/09/79
Location: SOUTH SUPPLY CREEK #26 | FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): FS0210015060102
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 14010001 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: UPPER COLORADO RIVER | ECO Region:
RF1 Index: 14010001 | RF1 Mile Point: 0.000 | Distance from RF1: 22.80 | On/Off RF1:
RF3 Index: 14010001108003.17 | RF3 Mile Point: 3.93 | Distance from RF3: 0.11 | On/Off RF3:
Description:
STATION IS LOCATED APPROXIMATELY 5.0 MILES FROM STATE HIGHWAY #34 ON ROAD #120 @ BRIDGE; T4N, R76W, SEC. 34 SW 1/4, ARAPAHO NATIONAL FOREST, ELEV. 9100, DRAINAGE AREA 2.2 SQ MILES. STATION WAS ESTABLISHED IN 1976 TO DEVELOP BASELINE VALUES FOR THE MONITORING OF IMPACTS OF UPSTREAM AND LAND MANAGEMENT ACTIVITIES. SAMPLING INVOLVED TRANSECT AND DEPTH INTREGRATED TECHNIQUES WITH ANALYSIS BY FOREST LAB IN FT COLLINS, COLO. FREQUENCY OF SAMPLING IS 1-2 TIMES/WEEK DURING SPRING, SUMMER AND FALL. WATER USED DOWNSTREAM FOR IRRIGATION, DOMESTIC AND OTHER PURPOSES. DATA MAINTAINED BY HYDROLOGIST @ SUPERVISOR'S OFFICE IN FT COLLINS, COLO. 303 482 5155.

Parameter Inventory for Station: ROMO0176

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/26/76-09/20/76	7	11.1	10.729	12.2	7.8	1.999	1.414	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/26/76-09/20/76	7	4.	3.686	9.	0.9	7.421	2.724	**	**	**	**
00065	STAGE, STREAM (FEET)	05/26/76-09/20/76	6	3.15	3.06	3.36	2.25	0.17	0.413	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/26/76-09/20/76	6	35.5	45.167	71.	29.	393.367	19.833	**	**	**	**
00400	PH (STANDARD UNITS)	05/26/76-09/20/76	7	6.7	6.714	7.2	6.4	0.105	0.324	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/26/76-09/20/76	7	6.7	6.627	7.2	6.4	0.114	0.337	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/26/76-09/20/76	7	0.2	0.236	0.398	0.063	0.019	0.139	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/26/76-09/20/76	6	0.5	3.	10.	0.	19.2	4.382	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/26/76-09/20/76	6	0.	0.308	1.	0.	0.229	0.479	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.03								
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	05/26/76-09/20/76	7	0.08	0.098	0.3	0.006	0.01	0.102	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0176

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	7	0	0.00	5	0	0.00				2	0	0.00			
		Other-Lo Lim.	6.5	7	3	0.43	5	1	0.20				2	2	1.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	6	0	0.00	4	0	0.00				2	0	0.00			

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

Station Inventory for Station: ROMO0177

NPS Station ID: ROMO0177
LAT/LON: 40.261448/-105.615949
Agency: 11NPSWRD
Date Created: 08/21/99
Location: Boulder Brook Main Stem Headwater 2
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_JS_BBHW2
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190005
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 3960
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190005
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the Longs Peak CO 7.5' (topographic) series quadrangle in Rocky Mountain National Park. The station is located in the Boulder Brook main stem headwaters east of Longs Peak Trail. The data originated from a University of Colorado dissertation entitled "Isotopic and Chemical Flowpath Separation of Streamflow During Snowmelt and Hydrogeological Controls of Surface-Water Chemistry in Six Alpine-Subalpine Basins; Rocky Mountain National Park; Colorado" 1996 by Julie K. Sueker. Sueker also contributed other data that weren't included in her dissertation. For more information about the data; contact Julie K. Sueker; Exponent Environmental Group; 4940 Pearl East Circle Ste. 300; Boulder CO 80301 (Tel. 970-444-7270). For information on the park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 97 -586-1206). Data were uploaded to STORET by Margaret Matter; NPS-WRD; 1201 Oak Ridge Dr. Ste. 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0177

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/15/95-08/15/95	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/15/95-08/15/95	1	5.3	5.3	5.3	5.3	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/15/95-08/15/95	1	5.3	5.3	5.3	5.3	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/15/95-08/15/95	1	5.012	5.012	5.012	5.012	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	08/15/95-08/15/95	1	-3.5	-3.5	-3.5	-3.5	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/15/95-08/15/95	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/15/95-08/15/95	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/15/95-08/15/95	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/15/95-08/15/95	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	08/15/95-08/15/95	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/15/95-08/15/95	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0177

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: ROMO0178

NPS Station ID: ROMO0178
LAT/LON: 40.263615/-105.614671
Agency: 11NPSWRD
Date Created: 08/21/99
Location: Boulder Brook Camping Area at Boulder Field
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_JS_BBCAMPA
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190005
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 3870
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190005
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the Longs Peak CO 7.5' (topographic) series quadrangle in Rocky Mountain National Park. The station is located in Boulder Brook near the Boulder Field camping area on the way to Longs Peak. The data originated from a University of Colorado dissertation entitled "Isotopic and Chemical Flowpath Separation of Streamflow During Snowmelt and Hydrogeological Controls of Surface-Water Chemistry in Six Alpine-Subalpine Basins; Rocky Mountain National Park; Colorado" 1996 by Julie K. Sueker. Sueker also contributed other data that weren't included in her dissertation. For more information about the data; contact Julie K. Sueker; Exponent Environmental Group; 4940 Pearl East Circle Ste. 300; Boulder CO 80301 (Tel. 970-444-7270). For information on the park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 97 -586-1206). Data were uploaded to STORET by Margaret Matter; NPS-WRD; 1201 Oak Ridge Dr. Ste. 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0178

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/30/94-08/30/94	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/30/94-08/30/94	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/30/94-08/30/94	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/30/94-08/30/94	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	08/30/94-08/30/94	1	161.7	161.7	161.7	161.7	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/30/94-08/30/94	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/30/94-08/30/94	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/30/94-08/30/94	1	2.2	2.2	2.2	2.2	0.	0.	**	**	**	**
46552	CALCIUM,FIELD ACIDIFIED W/HNO3 LAB FILTER(MG/L)	08/30/94-08/30/94	1	1.15	1.15	1.15	1.15	0.	0.	**	**	**	**
46554	MAGNESIUM,FIELD ACIDIFIED-HNO3-LAB FILT(MG/L-MG)	08/30/94-08/30/94	1	0.17	0.17	0.17	0.17	0.	0.	**	**	**	**
46555	POTASSIUM,FIELD ACIDIFIED-HNO3-LAB FILT.(MG/L-K))	08/30/94-08/30/94	1	0.18	0.18	0.18	0.18	0.	0.	**	**	**	**
46556	SODIUM, FIELD ACIDIFIED W/HNO3, LAB FILTERED MG/L	08/30/94-08/30/94	1	0.32	0.32	0.32	0.32	0.	0.	**	**	**	**
50790	OXYGEN-18, (DELTA UNITS - PARTS PER THOUSAND)	08/30/94-08/30/94	1	-12.48	-12.48	-12.48	-12.48	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/30/94-08/30/94	1	5.6	5.6	5.6	5.6	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0178

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: ROMO0179

NPS Station ID: ROMO0179
LAT/LON: 40.263615/-105.614671
Agency: 11NPSWRD
Date Created: 08/21/99
Location: Boulder Brook Main Stem Headwater 3
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_JS_BBHW3
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190005
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 3920
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190005
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the Longs Peak CO 7.5' (topographic) series quadrangle in Rocky Mountain National Park. The station is located in the Boulder Brook main stem headwaters in the Boulder Field. The data originated from a University of Colorado dissertation entitled "Isotopic and Chemical Flowpath Separation of Streamflow During Snowmelt and Hydrogeological Controls of Surface-Water Chemistry in Six Alpine-Subalpine Basins; Rocky Mountain National Park; Colorado" 1996 by Julie K. Sueker. Sueker also contributed other data that weren't included in her dissertation. For more information about the data; contact Julie K. Sueker; Exponent Environmental Group; 4940 Pearl East Circle Ste. 300; Boulder CO 80301 (Tel. 970-444-7270). For information on the park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 97 -586-1206). Data were uploaded to STORET by Margaret Matter; NPS-WRD; 1201 Oak Ridge Dr. Ste. 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0179

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/06/93-08/15/95	3	6.	7.333	13.	3.	26.333	5.132	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	09/06/93-08/15/95	3	5.3	5.767	6.7	5.3	0.653	0.808	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/06/93-08/15/95	3	5.3	5.468	6.7	5.3	0.788	0.887	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/06/93-08/15/95	3	5.012	3.408	5.012	0.2	7.72	2.778	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	09/06/93-08/15/95	3	54.	56.1	118.1	-3.8	3718.21	60.977	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/06/93-08/15/95	3	0.09	0.147	0.3	0.05	0.018	0.134	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	09/06/93-08/15/95	3	0.5	0.8	1.6	0.3	0.49	0.7	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/06/93-08/15/95	3	0.6	1.867	5.	0.	7.453	2.73	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/15/95-08/15/95	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
46552	CALCIUM,FIELD ACIDIFIED W/HNO3 LAB FILTER(MG/L)	09/06/93-07/20/94	2	0.63	0.63	1.09	0.17	0.423	0.651	**	**	**	**
46554	MAGNESIUM,FIELD ACIDIFIED-HNO3-LAB FILT(MG/L-MG)	09/06/93-07/20/94	2	0.09	0.09	0.16	0.02	0.01	0.099	**	**	**	**
46555	POTASSIUM,FIELD ACIDIFIED-HNO3-LAB FILT.(MG/L-K))	09/06/93-07/20/94	2	0.15	0.15	0.26	0.04	0.024	0.156	**	**	**	**
46556	SODIUM, FIELD ACIDIFIED W/HNO3, LAB FILTERED MG/L	09/06/93-07/20/94	2	0.545	0.545	1.04	0.05	0.49	0.7	**	**	**	**
50790	OXYGEN-18, (DELTA UNITS - PARTS PER THOUSAND)	07/20/94-07/20/94	1	-15.55	-15.55	-15.55	-15.55	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	08/15/95-08/15/95	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/06/93-08/15/95	3	0.5	0.567	1.1	0.1	0.253	0.503	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0179

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	3	0	0.00	3	0	0.00									
		Other-Lo Lim.	6.5	3	2	0.67	3	2	0.67									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	3	3	1.00	3	3	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	3	0	0.00	3	0	0.00									
		Drinking Water	250.	3	0	0.00	3	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	3	0	0.00	3	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	3	0	0.00	3	0	0.00									

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

Station Inventory for Station: ROMO0180

NPS Station ID: ROMO0180
LAT/LON: 40.263892/-105.788892
Agency: 112WRD
Date Created: 11/18/75
Location: POND IN SUMMERLAND PARK
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 401550105472000
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14010001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14010001071
RF1 Mile Point: 1.890
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 14010001007100.54
RF3 Mile Point: 1.27
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0180

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/27/74-08/27/74	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/02/74-08/27/74	2	35.5	35.5	42.	29.	84.5	9.192	**	**	**	**
00400	PH (STANDARD UNITS)	07/02/74-07/02/74	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/02/74-07/02/74	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/02/74-07/02/74	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	07/02/74-07/02/74	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/02/74-08/27/74	2	16.	16.	20.	12.	32.	5.657	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	07/02/74-08/27/74	2	19.5	19.5	24.	15.	40.5	6.364	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	07/02/74-07/02/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/02/74-08/27/74	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	07/02/74-08/27/74	2	0.045	0.045	0.06	0.03	0.	0.021	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/02/74-08/27/74	2	0.015	0.015	0.02	0.01	0.	0.007	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/02/74-08/27/74	2	14.5	14.5	18.	11.	24.5	4.95	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/02/74-08/27/74	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/02/74-08/27/74	2	3.75	3.75	4.6	2.9	1.445	1.202	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/02/74-08/27/74	2	1.15	1.15	1.5	0.8	0.245	0.495	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/02/74-08/27/74	2	2.85	2.85	3.1	2.6	0.125	0.354	**	**	**	**
00931	SODIUM ADSORPTION RATIO	07/02/74-08/27/74	2	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	07/02/74-08/27/74	2	30.5	30.5	34.	27.	24.5	4.95	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/02/74-08/27/74	2	0.45	0.45	0.7	0.2	0.125	0.354	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/02/74-08/27/74	2	0.75	0.75	0.9	0.6	0.045	0.212	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/02/74-08/27/74	2	3.	3.	3.	3.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/02/74-08/27/74	2	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/02/74-08/27/74	2	12.	12.	13.	11.	2.	1.414	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/02/74-08/27/74	2	345.	345.	430.	260.	14450.	120.208	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/02/74-08/27/74	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/02/74-08/27/74	2	34.	34.	39.	29.	50.	7.071	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	07/02/74-08/27/74	2	0.045	0.045	0.05	0.04	0.	0.007	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0180

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	2	0	0.00	2	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00	2	0	0.00									
		Drinking Water	250.	2	0	0.00	2	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	2	0	0.00	2	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	2	0	0.00	2	0	0.00									

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

Station Inventory for Station: ROMO0181

NPS Station ID: ROMO0181 LAT/LON: 40.264087/-105.632726 Agency: 11NPSWRD Date Created: 04/10/99
Location: GLACIER CREEK BELOW BIVOUAC AT GREEN LAKE FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): ROMO_NPS_BBG
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI RIVER Elevation: 0 Water Body Id:
Minor Basin: SOUTH PLATTE RIVER ECO Region:
RF1 Index: 10190006 RF1 Mile Point: 0.000 Distance from RF1: 12.40 On/Off RF1:
RF3 Index: 10190007002218.40 RF3 Mile Point: 18.39 Distance from RF3: 0.57 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MCHENRYS PEAK; COLORADO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION BBG WAS AT GLACIER CREEK DOWNSTREAM OF THE BIVOUAC AT GREEN LAKE INSIDE OF THE ROCKY MOUNTAIN NATIONAL PARK (ROMO) BOUNDARIES. THE CREEK WAS SAMPLED AS PART OF A STUDY TO ASSESS THE IMPACT OF RECREATIONISTS ON STREAM WATER QUALITY; THE PRESENCE OR ABSENCE OF GIARDIA; AND THE IMPACT ON BACKCOUNTRY USERS WHO INGEST WATER FROM STREAMS OR LAKES IN THE LOCH VALE AND GLACIER GORGE WATERSHEDS. DATA WERE PUBLISHED IN A NATURAL RESOURCES REPORT SERIES 85-3 REPORT TITLED "FIELD SURVEY OF GIARDIA IN STREAMS AND WILDLIFE OF THE GLACIER GORGE AND LOCH VALE BASINS; ROCKY MOUNTAIN NATIONAL PARK" BY SAM KUNKLE AND NANCY COWDIN (1985). FOR MORE INFORMATION CONTACT ROMO'S CHIEF OF RESOURCES AT ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0181

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61732 GIARDIA, FILTRATION CYSTS/100 GAL	08/06/84-09/26/84	4	0.	0.725	2.9	0.	2.103	1.45	**	**	**	**

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

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

Station Inventory for Station: ROMO0182

NPS Station ID: ROMO0182
LAT/LON: 40.264420/-105.641449
Agency: 11NPSWRD
Date Created: 08/28/99
Location: Glacier Creek Black Lake South Inlet
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_SM_GGBLSI
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the McHenrys Peak CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0182

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	1	27.	27.	27.	27.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	1	6.22	6.22	6.22	6.22	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/31/81-07/31/81	1	6.22	6.22	6.22	6.22	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.603	0.603	0.603	0.603	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	1	2.2	2.2	2.2	2.2	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0182

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: ROMO0183

NPS Station ID: ROMO0183
LAT/LON: 40.265198/-105.639226
Agency: 11NPSWRD
Date Created: 08/28/99
Location: Black Lake East Inlet
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_SM_GGBLEI
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the McHenrys Peak CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0183

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	1	21.	21.	21.	21.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	1	6.1	6.1	6.1	6.1	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/31/81-07/31/81	1	6.1	6.1	6.1	6.1	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.794	0.794	0.794	0.794	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	1	6.21	6.21	6.21	6.21	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/31/81-07/31/81	1	6.21	6.21	6.21	6.21	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.617	0.617	0.617	0.617	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	1	30.	30.	30.	30.	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	1	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	1	1.	1.	1.	1.	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0183

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: ROMO0184

NPS Station ID: ROMO0184
LAT/LON: 40.265226/-105.639254
Agency: 11NPSWRD
Date Created: 04/10/99
Location: GLACIER CREEK ABOVE BLACK LAKE
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_NPS_ABL
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MCHENRYS PEAK; COLORADO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION ABL WAS AT GLACIER CREEK UPSTREAM OF BLACK LAKE INSIDE OF THE ROCKY MOUNTAIN NATIONAL PARK (ROMO) BOUNDARIES. THE CREEK WAS SAMPLED AS PART OF A STUDY TO ASSESS THE IMPACT OF RECREATIONISTS ON STREAM WATER QUALITY; THE PRESENCE OR ABSENCE OF GIARDIA; AND THE IMPACT ON BACKCOUNTRY USERS WHO INGEST WATER FROM STREAMS OR LAKES IN THE LOCH VALE AND GLACIER GORGE WATERSHEDS. DATA WERE PUBLISHED IN A NATURAL RESOURCES REPORT SERIES 85-3 REPORT TITLED "FIELD SURVEY OF GIARDIA IN STREAMS AND WILDLIFE OF THE GLACIER GORGE AND LOCH VALE BASINS; ROCKY MOUNTAIN NATIONAL PARK" BY SAM KUNKLE AND NANCY COWDIN (1985). FOR MORE INFORMATION CONTACT ROMO'S CHIEF OF RESOURCES AT ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0184

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data at this Station Suitable for Statistical Analysis ********

Station Inventory for Station: ROMO0185

NPS Station ID: ROMO0185 | LAT/LON: 40.265281/-105.640837 | Agency: 12WLS1 | Date Created: 09/03/88
Location: BLACK LAKE | FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): 4E1-025
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006 | Depth of Water: 88 | Aquifer:
Major Basin: | Elevation: 0 | Water Body Id:
Minor Basin: | ECO Region:
RF1 Index: 10190006 | RF1 Mile Point: 0.000 | Distance from RF1: 10.20 | On/Off RF1:
RF3 Index: 10190006045300.54 | RF3 Mile Point: 0.54 | Distance from RF3: 0.04 | On/Off RF3:
Description:
THIS DATA WAS COLLECTED DURING THE WESTERN LAKE SURVEY-PHASE I (WLS-I) AS PART OF EPA'S NATIONAL SURFACE WATER SURVEY, AQUATIC EFFECTS RESEARCH PROGRAM. THE SURVEY DESIGN, METHODS, AND DATA LIMITATIONS ARE DESCRIBED IN:
LANDERS, D.H., ET AL. 1987. CHARACTERISTICS OF LAKES IN THE WESTERN UNITED STATES. VOL. I. POPULATION DESCRIPTIONS AND PHYSICO-CHEMICAL RELATIONSHIPS. EPA/600/4-86/054A. U.S. ENVIRON. PROT. AGENCY, WASHINGTON, D.C. 176 PP.
THE DATA PRESENTED HERE ARE THOSE REPORTED IN LANDERS ET AL. (1987) WITH THE FOLLOWING EXCEPTIONS: (1) UNITS FOR CHEMICAL PARAMETERS ARE TYPICALLY IN MG/L RATHER THAN MICROEQ/L; (2) NO SUBSTITUTED VALUES ARE PROVIDED FOR SUSPECT DATA; (3) TAGS AND FLAGS USED TO IDENTIFY SUSPICIOUS DATA ARE NOT SHOWN; AND (4) CALCULATED OR DERIVED VARIABLES ARE EXCLUDED.

Parameter Inventory for Station: ROMO0185

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/10/85-10/10/85	1	2.3	2.3	2.3	2.3	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/10/85-10/10/85	1	8.9	8.9	8.9	8.9	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	10/10/85-10/10/85	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/10/85-10/10/85	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00154	SULFATE (AS S) WHOLE WATER, MG/L	10/10/85-10/10/85	1	0.911	0.911	0.911	0.911	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	10/10/85-10/10/85	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/10/85-10/10/85	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/10/85-10/10/85	1	0.251	0.251	0.251	0.251	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	10/10/85-10/10/85	1	29.9	29.9	29.9	29.9	0.	0.	**	**	**	**
00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	10/10/85-10/10/85	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/10/85-10/10/85	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	10/10/85-10/10/85	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00910	CALCIUM (MG/L AS CACO3)	10/10/85-10/10/85	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/10/85-10/10/85	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/10/85-10/10/85	1	0.32	0.32	0.32	0.32	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/10/85-10/10/85	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/10/85-10/10/85	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/10/85-10/10/85	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/10/85-10/10/85	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/10/85-10/10/85	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	10/10/85-10/10/85	1	23.	23.	23.	23.	0.	0.	**	**	**	**
70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	10/10/85-10/10/85	1	0.029	0.029	0.029	0.029	0.	0.	**	**	**	**

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

Parameter Inventory for Station: ROMO0185

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/10/85-10/10/85	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
71885	IRON (UG/L AS FE)	10/10/85-10/10/85	1	2.	2.	2.	2.	0.	0.	**	**	**	**
72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	10/10/85-10/10/85	1	10626.5	10626.5	10626.5	10626.5	0.	0.	**	**	**	**
82047	DEPTH TO THE TOP OF THE SAMPLING INTERVAL (METERS)	10/10/85-10/10/85	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/10/85-10/10/85	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0185

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00154	SULFATE (AS S) WHOLE WATER	Drinking Water	250.	1	0	0.00	1	0	0.00									
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									

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

Station Inventory for Station: ROMO0186

NPS Station ID: ROMO0186
LAT/LON: 40.266198/-105.640059
Agency: 11NPSWRD
Date Created: 08/28/99
Location: Glacier Creek Black Lake Outlet
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_SM_GGBLO
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the McHenrys Peak CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0186

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/31/81-07/31/81	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.251	0.251	0.251	0.251	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	1	6.34	6.34	6.34	6.34	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/31/81-07/31/81	1	6.34	6.34	6.34	6.34	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.457	0.457	0.457	0.457	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	1	52.	52.	52.	52.	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	1	0.11	0.11	0.11	0.11	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	1	2.8	2.8	2.8	2.8	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**

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

EPA Water Quality Criteria Analysis for Station: ROMO0186

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0187

NPS Station ID: ROMO0187
LAT/LON: 40.266226/-105.640032
Agency: 11NPSWRD
Date Created: 04/10/99
Location: GLACIER CREEK BELOW BLACK LAKE
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_NPS_BBL
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MCHENRYS PEAK; COLORADO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION BBL WAS AT GLACIER CREEK DOWNSTREAM OF BLACK LAKE INSIDE OF THE ROCKY MOUNTAIN NATIONAL PARK (ROMO) BOUNDARIES. THE CREEK WAS SAMPLED AS PART OF A STUDY TO ASSESS THE IMPACT OF RECREATIONISTS ON STREAM WATER QUALITY; THE PRESENCE OR ABSENCE OF GIARDIA; AND THE IMPACT ON BACKCOUNTRY USERS WHO INGEST WATER FROM STREAMS OR LAKES IN THE LOCH VALE AND GLACIER GORGE WATERSHEDS. DATA WERE PUBLISHED IN A NATURAL RESOURCES REPORT SERIES 85-3 REPORT TITLED "FIELD SURVEY OF GIARDIA IN STREAMS AND WILDLIFE OF THE GLACIER GORGE AND LOCH VALE BASINS; ROCKY MOUNTAIN NATIONAL PARK" BY SAM KUNKLE AND NANCY COWDIN (1985). FOR MORE INFORMATION CONTACT ROMO'S CHIEF OF RESOURCES AT ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0187

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data at this Station Suitable for Statistical Analysis ********

Station Inventory for Station: ROMO0188

NPS Station ID: ROMO0188 | LAT/LON: 40.266698/-105.900809 | Agency: 11NPSWRD | Date Created: 06/18/99
Location: 106064/C04495 | FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): ROMO_NURE_157 /1074148 /1118626
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 14010001 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: UPPER COLORADO RIVER | ECO Region:
RF1 Index: 14010001 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE "BOWEN MOUNTAIN COLORADO" 7.5 MINUTE SERIES QUADRANGLE. THE SITE IS AT A STREAM OUTSIDE OF ROCKY MOUNTAIN NATIONAL PARK. EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO ONE WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATA BASE: "NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SOIL; STREAM SEDIMENT; SURFACE WATER; AND GROUND WATER DATA. "UNIQID" FIELD ENTRIES WERE USED TO CREATE THE SECONDARY STATION NAMES. THE "LASLID" FIELD ENTRIES (LAB SAMPLE NUMBERS) WERE USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LAB. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND KELLI O'CONNOR; NATIONAL PARK SERVICE WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0188

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/23/76-09/23/76	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/23/76-09/23/76	1	60.	60.	60.	60.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/23/76-09/23/76	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/23/76-09/23/76	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/23/76-09/23/76	1	1.	1.	1.	1.	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/23/76-09/23/76	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0188

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0189

NPS Station ID: ROMO0189
LAT/LON: 40.267226/-105.611392
Agency: 11NPSWRD
Date Created: 08/21/99
Location: Boulder Br. Main Stem @ Trail Xing in Bldr Field
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_JS_TRAILX
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190005
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 3840
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190005
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the Longs Peak CO 7.5' (topographic) series quadrangle in Rocky Mountain National Park. The station is located where Boulder Brook crosses the East Longs Peak Trail in the Boulder Field. The data originated from a University of Colorado dissertation entitled "Isotopic and Chemical Flowpath Separation of Streamflow During Snowmelt and Hydrogeological Controls of Surface-Water Chemistry in Six Alpine-Subalpine Basins; Rocky Mountain National Park; Colorado" 1996 by Julie K. Sueker. Sueker also contributed other data that weren't included in her dissertation. For more information about the data; contact Julie K. Sueker; Exponent Environmental Group; 4940 Pearl East Circle Ste. 300; Boulder CO 80301 (Tel. 970-444-7270). For information on the park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 97 -586-1206). Data were uploaded to STORET by Margaret Matter; NPS-WRD; 1201 Oak Ridge Dr. Ste. 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0189

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/15/95-08/15/95	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/15/95-08/15/95	1	5.3	5.3	5.3	5.3	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/15/95-08/15/95	1	5.3	5.3	5.3	5.3	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/15/95-08/15/95	1	5.012	5.012	5.012	5.012	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	08/15/95-08/15/95	1	-4.4	-4.4	-4.4	-4.4	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/15/95-08/15/95	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/15/95-08/15/95	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/15/95-08/15/95	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/15/95-08/15/95	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	08/15/95-08/15/95	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/15/95-08/15/95	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0189

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0190

NPS Station ID: ROMO0190 | LAT/LON: 40.267781/-105.610838 | Agency: 11NPSWRD | Date Created: 08/21/99
Location: Boulder Brook Seep @ Trail Xing in Boulder Field | FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): ROMO_JS_SEEPBF
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 10190005 | Depth of Water: 0 | Aquifer:
Major Basin: MISSOURI RIVER | Elevation: 3840 | Water Body Id:
Minor Basin: SOUTH PLATTE RIVER | ECO Region:
RF1 Index: 10190005 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
The station is located on the Longs Peak CO 7.5' (topographic) series quadrangle in Rocky Mountain National Park. The station is a seep located just east of the E. Longs Peak Trail crossing in the Boulder Field. The data originated from a University of Colorado dissertation entitled "Isotopic and Chemical Flowpath Separation of Streamflow During Snowmelt and Hydrogeological Controls of Surface-Water Chemistry in Six Alpine-Subalpine Basins; Rocky Mountain National Park; Colorado" 1996 by Julie K. Sueker. Sueker also contributed other data that weren't included in her dissertation. For more information about the data; contact Julie K. Sueker; Exponent Environmental Group; 4940 Pearl East Circle Ste. 300; Boulder CO 80301 (Tel. 970-444-7270). For information on the park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 97 -586-1206). Data were uploaded to STORET by Margaret Matter; NPS-WRD; 1201 Oak Ridge Dr. Ste. 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0190

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/15/95-08/15/95	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/15/95-08/15/95	1	5.9	5.9	5.9	5.9	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/15/95-08/15/95	1	5.9	5.9	5.9	5.9	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/15/95-08/15/95	1	1.259	1.259	1.259	1.259	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	08/15/95-08/15/95	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/15/95-08/15/95	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/15/95-08/15/95	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/15/95-08/15/95	1	1.9	1.9	1.9	1.9	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/15/95-08/15/95	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	08/15/95-08/15/95	1	0.009	0.009	0.009	0.009	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/15/95-08/15/95	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0190

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0191

NPS Station ID: ROMO0191 LAT/LON: 40.268337/-105.819727 Agency: 112WRD Date Created: 12/02/81
Location: HARBISON DITCH NEAR GRAND LAKE, COLO. FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 09012410
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 14010001 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 14010001 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 14010001001601.11 RF3 Mile Point: 2.92 Distance from RF3: 0.03 On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0191

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/23/69-09/23/69	1	8.5	8.5	8.5	8.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: ROMO0192

NPS Station ID: ROMO0192
LAT/LON: 40.268616/-105.818892
Agency: 112WRD
Date Created: 11/07/81
Location: TONAHUTU CREEK NEAR GRAND LAKE, COLO.
FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 09012400
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14010001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14010001
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 14010001014000.00
RF3 Mile Point: 5.47
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0192

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/23/69-09/23/69	1	9.	9.	9.	9.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: ROMO0193

NPS Station ID: ROMO0193
LAT/LON: 40.268892/-105.818615
Agency: 112WRD
Date Created: 11/18/75
Location: TONAHUTU CRK AT HARBISON DITCH
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 401608105490700
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14010001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14010001
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 14010001007100.54
RF3 Mile Point: 2.35
Distance from RF3: 0.25
On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0193

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/11/74-09/11/74	1	8.5	8.5	8.5	8.5	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/01/74-09/11/74	2	19.	19.	23.	15.	32.	5.657	**	**	**	**
00400	PH (STANDARD UNITS)	07/01/74-07/01/74	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/01/74-07/01/74	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/01/74-07/01/74	1	0.079	0.079	0.079	0.079	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	07/01/74-07/01/74	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/01/74-09/11/74	2	8.	8.	10.	6.	8.	2.828	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	07/01/74-09/11/74	2	9.5	9.5	12.	7.	12.5	3.536	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	07/01/74-07/01/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/01/74-09/11/74	2 ##	0.035	0.035	0.05	0.02	0.	0.021	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	07/01/74-09/11/74	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/01/74-09/11/74	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/01/74-09/11/74	2	9.	9.	11.	7.	8.	2.828	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/01/74-09/11/74	2	1.	1.	1.	1.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/01/74-09/11/74	2	2.2	2.2	2.6	1.8	0.32	0.566	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/01/74-09/11/74	2	0.85	0.85	1.1	0.6	0.125	0.354	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/01/74-09/11/74	2	2.	2.	2.4	1.6	0.32	0.566	**	**	**	**
00931	SODIUM ADSORPTION RATIO	07/01/74-09/11/74	2	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	07/01/74-09/11/74	2	31.5	31.5	32.	31.	0.5	0.707	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/01/74-09/11/74	2	0.35	0.35	0.4	0.3	0.005	0.071	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/01/74-09/11/74	2	2.5	2.5	3.	2.	0.5	0.707	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/01/74-09/11/74	2	2.5	2.5	3.	2.	0.5	0.707	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/01/74-09/11/74	2	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/01/74-09/11/74	2	6.65	6.65	8.2	5.1	4.805	2.192	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/01/74-09/11/74	2	105.	105.	130.	80.	1250.	35.355	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/01/74-09/11/74	2 ##	27.5	27.5	50.	5.	1012.5	31.82	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/01/74-09/11/74	2	22.5	22.5	26.	19.	24.5	4.95	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	07/01/74-09/11/74	2	0.035	0.035	0.04	0.03	0.	0.007	**	**	**	**

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EPA Water Quality Criteria Analysis for Station: ROMO0193

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	2	0	0.00	2	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00	2	0	0.00									
		Drinking Water	250.	2	0	0.00	2	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	2	0	0.00	2	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	2	0	0.00	2	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0194

NPS Station ID: ROMO0194 LAT/LON: 40.270698/-105.586365 Agency: 11NPSWRD Date Created: 05/01/99
Location: ALPINE BROOK THROUGH LOWER CHASM MEADOW FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): ROMO_MT_LCM
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10190005 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI RIVER Elevation: 0 Water Body Id:
Minor Basin: SOUTH PLATTE RIVER ECO Region:
RF1 Index: 10190005 RF1 Mile Point: 0.000 Distance from RF1: 12.40 On/Off RF1:
RF3 Index: 10190007002218.40 RF3 Mile Point: 18.39 Distance from RF3: 0.57 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE LONGS PEAK CO LARIMER COUNTY 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT ALPINE BROOK IN LOWER CHASM MEADOW IN ROCKY MOUNTAIN NATIONAL PARK. THE DATA ARE FROM THE 1979 REPORT BY WILLIAM M. TIPTON OF ROCKY MOUNTAIN NATIONAL PARK WHICH SUMMARIZED THE RESULTS OF A CASE STUDY ON THE IMPACT OF EXCESS BIVOUAC USE TO WATER QUALITY OF AREA STREAMS BELOW THE EAST FACE OF LONGS PEAK. THIS SITE WAS THE "CONTROL" SITE (NO BIVOUAC USE) USED TO DOCUMENT "PRESUMPTIVE EVIDENCE" OF HUMAN-SOURCE FECAL BACTERIA FROM BIVOUAC USE AT ROMO_MT_CLI AND ROMO_MT_CLO. FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525; (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0194

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/05/78-08/21/79	2	3.	3.	5.	1.	8.	2.828	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/05/78-08/21/79	2	15.5	15.5	16.	15.	0.5	0.707	**	**	**	**
00400	PH (STANDARD UNITS)	07/05/78-08/21/79	2	6.65	6.65	6.9	6.4	0.125	0.354	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/05/78-08/21/79	2	6.582	6.582	6.9	6.4	0.134	0.367	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/05/78-08/21/79	2	0.262	0.262	0.398	0.126	0.037	0.192	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/05/78-08/21/79	2 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/05/78-08/21/79	2	0.45	0.45	0.8	0.1	0.245	0.495	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	07/05/78-08/21/79	2	0.085	0.085	0.11	0.06	0.001	0.035	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	07/05/78-08/21/79	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	07/05/78-08/21/79	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/05/78-08/21/79	2	24.	24.	26.	22.	8.	2.828	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0194

			Total	Exceed	Prop.	6/10-10/31			11/01-4/10			4/11-6/09			n/a		
Parameter	Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400 PH	Fresh Chronic	9.	2	0	0.00	2	0	0.00									
	Other-Lo Lim.	6.5	2	1	0.50	2	1	0.50									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: ROMO0194

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	2	0	0.00	2	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0195

NPS Station ID: ROMO0195
LAT/LON: 40.271754/-105.650338
Agency: 11NPSWRD
Date Created: 08/28/99
Location: Shelf Creek Solitude Lake Inlet
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_SM_GGSLI
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the McHenrys Peak CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0195

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	1	34.	34.	34.	34.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/31/81-07/31/81	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.316	0.316	0.316	0.316	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	1	6.17	6.17	6.17	6.17	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/31/81-07/31/81	1	6.17	6.17	6.17	6.17	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.676	0.676	0.676	0.676	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	1	33.	33.	33.	33.	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	1	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	1	3.3	3.3	3.3	3.3	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	1	1.	1.	1.	1.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0195

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0196

NPS Station ID: ROMO0196
LAT/LON: 40.271809/-105.648337
Agency: 11NPSWRD
Date Created: 08/28/99
Location: Solitude Lake Surface
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): ROMO_SM_GGSLS
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the McHenrys Peak CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0196

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	1	27.	27.	27.	27.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/31/81-07/31/81	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	1	6.82	6.82	6.82	6.82	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/31/81-07/31/81	1	6.82	6.82	6.82	6.82	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.151	0.151	0.151	0.151	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	1	38.	38.	38.	38.	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	1	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	1	3.4	3.4	3.4	3.4	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0196

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0197

NPS Station ID: ROMO0197 | LAT/LON: 40.272559/-105.764503 | Agency: 11NPSWRD | Date Created: 06/12/99
Location: NORTH INLET ABOVE CASCADE FALLS | FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): ROMO_JR_CAP41
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14010001 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: UPPER COLORADO RIVER | ECO Region:
RF1 Index: 14010001 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE GRAND LAKE CO 7.5' SERIES (TOPO.) QUADRANGLE. THE SITE IS LOCATED AT THE NORTH INLET ABOVE CASCADE FALLS AND IS WITHIN ROCKY MOUNTAIN NATIONAL PARK. THE DATA ARE FROM ANNUAL CAPSHELL SNAIL MONITORING PROGRAM REPORTS BY JOHN RIEBESELL OF THE DEPARTMENT OF NATURAL RESOURCES AT THE UNIVERSITY OF MICHIGAN IN DEARBORN MI. TTHE REPORTS SUMMARIZED POPULATION DATA AND WATER QUALITY CHARACTERISTICS OF THE HABITAT OF CAPSHELL SNAILS; A CANDIDATE FOR LISTING UNDER THE FEDERAL ENDANGERED SPECIES ACT. FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0197

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/02/96-07/02/96	1	10.1	10.1	10.1	10.1	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: ROMO0198

NPS Station ID: ROMO0198
LAT/LON: 40.272698/-105.646837
Agency: 11NPSWRD
Date Created: 08/28/99
Location: Shelf Creek Solitude Lake Outlet
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_SM_GGSLO
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the McHenrys Peak CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0198

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	1	28.	28.	28.	28.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/31/81-07/31/81	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	1	6.49	6.49	6.49	6.49	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/31/81-07/31/81	1	6.49	6.49	6.49	6.49	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.324	0.324	0.324	0.324	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	1	35.	35.	35.	35.	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	1	0.009	0.009	0.009	0.009	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	1	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	1	3.4	3.4	3.4	3.4	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	1	1.	1.	1.	1.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0198

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0199

NPS Station ID: ROMO0199
LAT/LON: 40.273365/-105.609559
Agency: 11NPSWRD
Date Created: 07/03/99
Location: BOULDER BROOK AT 12300 FT.
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_NJ_BB1
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE LONGS PEAK CO. 7.5' (TOPOGRAPHICAL) SERIES QUADRANGLE. THE SITE IS AT BOULDER BROOK AT 12300 FT. ELEVATION AND IS LOCATED IN ROCKY MOUNTAIN NATIONAL PARK. THE DATA WERE COLLECTED BY NANCY JACOBSON TO CONTINUE THE BASELINE WATER QUALITY MONITORING PROGRAMS FOR THE BIG THOMPSON AND FALL RIVERS; AND TO ASSESS PRESENT HUMAN IMPACTS TO BIOLOGICAL PARAMETERS OF WATER QUALITY IN BOULDER BROOK. ONLY TEMPERATURE AND BACTERIOLOGICAL RESULTS WERE AVAILABLE AT THE TIME OF REPORT WRITING. FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0199

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/29/82-08/29/82	1	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/29/82-08/29/82	1	3.	3.	3.	3.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/29/82-08/29/82	1	0.477	0.477	0.477	0.477	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.								
61214	FECAL STREPTOCOCCI, GENERAL #/100ML	08/29/82-08/29/82	1	20.	20.	20.	20.	0.	0.	**	**	**	**
61215	FECAL COLIFORM, GENERAL #/100ML	08/29/82-08/29/82	1	3.	3.	3.	3.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0199

				Total	Exceed	Prop.	----------6/10-10/31----------			----------11/01-4/10----------			----------4/11-6/09----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	0	0.00	1	0	0.00									
61215	FECAL COLIFORM, GENERAL #/100ML	Other-Hi Lim.	200.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0200

NPS Station ID: ROMO0200
LAT/LON: 40.273503/-105.636976
Agency: 11NPSWRD
Date Created: 08/28/99
Location: Glacier Creek below Shelf Creek Confluence
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_SM_GGBSHC
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the McHenrys Peak CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0200

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	1	26.	26.	26.	26.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/31/81-07/31/81	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.251	0.251	0.251	0.251	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	1	6.47	6.47	6.47	6.47	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/31/81-07/31/81	1	6.47	6.47	6.47	6.47	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.339	0.339	0.339	0.339	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	1	53.	53.	53.	53.	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	1	0.12	0.12	0.12	0.12	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	1	3.2	3.2	3.2	3.2	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0200

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0201

NPS Station ID: ROMO0201 LAT/LON: 40.273615/-105.881115 Agency: 11NPSWRD Date Created: 06/18/99
Location: 106062/C04493 FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): ROMO_NURE_158 /1074146 /1118624
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 14010001 Depth of Water: 0 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: UPPER COLORADO RIVER ECO Region:
RF1 Index: 14010001 RF1 Mile Point: 0.000 Distance from RF1: 12.40 On/Off RF1:
RF3 Index: 10190007002218.40 RF3 Mile Point: 18.39 Distance from RF3: 0.57 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE "BOWEN MOUNTAIN COLORADO" 7.5 MINUTE SERIES QUADRANGLE. THE SITE IS AT A STREAM OUTSIDE OF ROCKY MOUNTAIN NATIONAL PARK. EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO ONE WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATA BASE: "NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SOIL; STREAM SEDIMENT; SURFACE WATER; AND GROUND WATER DATA. "UNIQID" FIELD ENTRIES WERE USED TO CREATE THE SECONDARY STATION NAMES. THE "LASLID" FIELD ENTRIES (LAB SAMPLE NUMBERS) WERE USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LAB. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND KELLI O'CONNOR; NATIONAL PARK SERVICE WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0201

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/23/76-09/23/76	1	5.5	5.5	5.5	5.5	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/23/76-09/23/76	1	45.	45.	45.	45.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/23/76-09/23/76	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/23/76-09/23/76	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/23/76-09/23/76	1	0.316	0.316	0.316	0.316	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/23/76-09/23/76	1	0.22	0.22	0.22	0.22	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0201

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0202

NPS Station ID: ROMO0202
LAT/LON: 40.273781/-105.609059
Agency: 11NPSWRD
Date Created: 08/21/99
Location: Boulder Brook Main Stem Switchback 1
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_JS_SWITCH
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 3750
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the Longs Peak CO 7.5' (topographic) series quadrangle in Rocky Mountain National Park. The station is located in Boulder Brook west of the first switchback above Granite Pass. The data originated from a University of Colorado dissertation entitled "Isotopic and Chemical Flowpath Separation of Streamflow During Snowmelt and Hydrogeological Controls of Surface-Water Chemistry in Six Alpine-Subalpine Basins; Rocky Mountain National Park; Colorado" 1996 by Julie K. Sueker. Sueker also contributed other data that weren't included in her dissertation. For more information about the data; contact Julie K. Sueker; Exponent Environmental Group; 4940 Pearl East Circle Ste. 300; Boulder CO 80301 (Tel. 970-444-7270). For information on the park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 97 -586-1206). Data were uploaded to STORET by Margaret Matter; NPS-WRD; 1201 Oak Ridge Dr. Ste. 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0202

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/30/94-08/15/95	2	9.5	9.5	13.	6.	24.5	4.95	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/30/94-08/15/95	2	6.15	6.15	6.3	6.	0.045	0.212	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/30/94-08/15/95	2	6.125	6.125	6.3	6.	0.046	0.215	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/30/94-08/15/95	2	0.751	0.751	1.	0.501	0.124	0.353	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	08/30/94-08/15/95	2	69.8	69.8	130.3	9.3	7320.5	85.56	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/30/94-08/15/95	2	0.13	0.13	0.2	0.06	0.01	0.099	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/30/94-08/15/95	2	1.25	1.25	1.7	0.8	0.405	0.636	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/30/94-08/15/95	2	3.5	3.5	5.6	1.4	8.82	2.97	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/15/95-08/15/95	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
46552	CALCIUM,FIELD ACIDIFIED W/HNO3 LAB FILTER(MG/L)	08/30/94-08/30/94	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
46554	MAGNESIUM,FIELD ACIDIFIED-HNO3-LAB FILT(MG/L-MG)	08/30/94-08/30/94	1	0.19	0.19	0.19	0.19	0.	0.	**	**	**	**
46555	POTASSIUM,FIELD ACIDIFIED-HNO3-LAB FILT.(MG/L-K))	08/30/94-08/30/94	1	0.13	0.13	0.13	0.13	0.	0.	**	**	**	**
46556	SODIUM, FIELD ACIDIFIED W/HNO3, LAB FILTERED MG/L	08/30/94-08/30/94	1	0.83	0.83	0.83	0.83	0.	0.	**	**	**	**
50790	OXYGEN-18, (DELTA UNITS - PARTS PER THOUSAND)	08/30/94-08/30/94	1	-11.26	-11.26	-11.26	-11.26	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	08/15/95-08/15/95	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/30/94-08/15/95	2	1.	1.	1.5	0.5	0.5	0.707	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0202

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	2	1.00	2	2	1.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	2	2	1.00	2	2	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	2	0	0.00	2	0	0.00									
		Drinking Water	250.	2	0	0.00	2	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	2	0	0.00	2	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	2	0	0.00	2	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0203

NPS Station ID: ROMO0203
LAT/LON: 40.274837/-105.644393
Agency: 11NPSWRD
Date Created: 08/28/99
Location: Shelf Creek Shelf Lake Outlet
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_SM_GGSHLO
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the McHenrys Peak CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0203

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/31/81-07/31/81	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.316	0.316	0.316	0.316	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/31/81-07/31/81	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.126	0.126	0.126	0.126	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	1	64.	64.	64.	64.	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	1	0.13	0.13	0.13	0.13	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	1	3.5	3.5	3.5	3.5	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0203

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0204

NPS Station ID: ROMO0204 | LAT/LON: 40.275003/-105.878893 | Agency: 11NPSWRD | Date Created: 06/18/99
Location: 106061/C04492 | FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): ROMO_NURE_150 /1074145 /1118623
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 14010001 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: UPPER COLORADO RIVER | ECO Region:
RF1 Index: 14010001 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE "BOWEN MOUNTAIN COLORADO" 7.5 MINUTE SERIES QUADRANGLE. THE SITE IS AT A STREAM OUTSIDE OF ROCKY MOUNTAIN NATIONAL PARK. EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO ONE WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATA BASE: "NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SOIL; STREAM SEDIMENT; SURFACE WATER; AND GROUND WATER DATA. "UNIQID" FIELD ENTRIES WERE USED TO CREATE THE SECONDARY STATION NAMES. THE "LASLID" FIELD ENTRIES (LAB SAMPLE NUMBERS) WERE USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LAB. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND KELLI O'CONNOR; NATIONAL PARK SERVICE WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0204

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/23/76-09/23/76	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/23/76-09/23/76	1	35.	35.	35.	35.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/23/76-09/23/76	1	6.1	6.1	6.1	6.1	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/23/76-09/23/76	1	6.1	6.1	6.1	6.1	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/23/76-09/23/76	1	0.794	0.794	0.794	0.794	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/23/76-09/23/76	1	0.61	0.61	0.61	0.61	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0204

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0205

NPS Station ID: ROMO0205
LAT/LON: 40.275059/-105.645254
Agency: 11NPSWRD
Date Created: 08/28/99
Location: Shelf Lake Surface
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): ROMO_SM_GGSHLS
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the McHenrys Peak CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0205

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	1	29.	29.	29.	29.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/31/81-07/31/81	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	1	6.89	6.89	6.89	6.89	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/31/81-07/31/81	1	6.89	6.89	6.89	6.89	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.129	0.129	0.129	0.129	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	1	43.	43.	43.	43.	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	1	0.007	0.007	0.007	0.007	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	1	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	1	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0205

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0206

NPS Station ID: ROMO0206
LAT/LON: 40.275281/-105.667504
Agency: 112WRD
Date Created: 02/01/92
Location: LVSYN14
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 401631105400300
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC:
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 12.10
On/Off RF1:
RF3 Index: 10190006045401.14
RF3 Mile Point: 1.13
Distance from RF3: 0.05
On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0206

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403	PH, LAB, STANDARD UNITS SU	09/25/91-09/25/91	1	6.1	6.1	6.1	6.1	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/25/91-09/25/91	1	6.1	6.1	6.1	6.1	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/25/91-09/25/91	1	0.794	0.794	0.794	0.794	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/25/91-09/25/91	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/25/91-09/25/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/25/91-09/25/91	1	0.58	0.58	0.58	0.58	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/25/91-09/25/91	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/25/91-09/25/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/25/91-09/25/91	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/25/91-09/25/91	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/25/91-09/25/91	1	0.68	0.68	0.68	0.68	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/25/91-09/25/91	1	0.17	0.17	0.17	0.17	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/25/91-09/25/91	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/25/91-09/25/91	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/25/91-09/25/91	1	0.12	0.12	0.12	0.12	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/25/91-09/25/91	1	3.1	3.1	3.1	3.1	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/25/91-09/25/91	1	9.	9.	9.	9.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/25/91-09/25/91	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/25/91-09/25/91	1	50.	50.	50.	50.	0.	0.	**	**	**	**
71870	BROMIDE (MG/L AS BR)	09/25/91-09/25/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0206

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: ROMO0206

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0207

NPS Station ID: ROMO0207
LAT/LON: 40.275837/-105.671949
Agency: 112WRD
Date Created: 02/01/92
Location: LVSYN10
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 401633105401900
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC:
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 17.40
On/Off RF1:
RF3 Index: 14010001030100.00
RF3 Mile Point: 0.00
Distance from RF3: 0.17
On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0207

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403	PH, LAB, STANDARD UNITS SU	09/25/91-09/25/91	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/25/91-09/25/91	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/25/91-09/25/91	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/25/91-09/25/91	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/25/91-09/25/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/25/91-09/25/91	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/25/91-09/25/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/25/91-09/25/91	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/25/91-09/25/91	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/25/91-09/25/91	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/25/91-09/25/91	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/25/91-09/25/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/25/91-09/25/91	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/25/91-09/25/91	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/25/91-09/25/91	1	10.	10.	10.	10.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0207

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0208

NPS Station ID: ROMO0208
LAT/LON: 40.276115/-105.671949
Agency: 112WRD
Date Created: 02/01/92
Location: LVSYN13
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 401634105401900
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC:
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 16.30
On/Off RF1:
RF3 Index: 14010001030100.00
RF3 Mile Point: 0.00
Distance from RF3: 0.11
On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0208

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403	PH, LAB, STANDARD UNITS SU	09/25/91-09/25/91	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/25/91-09/25/91	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/25/91-09/25/91	1	0.398	0.398	0.398	0.398	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/25/91-09/25/91	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/25/91-09/25/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/25/91-09/25/91	1	0.17	0.17	0.17	0.17	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/25/91-09/25/91	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/25/91-09/25/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/25/91-09/25/91	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/25/91-09/25/91	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/25/91-09/25/91	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/25/91-09/25/91	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/25/91-09/25/91	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/25/91-09/25/91	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/25/91-09/25/91	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/25/91-09/25/91	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/25/91-09/25/91	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/25/91-09/25/91	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/25/91-09/25/91	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
71870	BROMIDE (MG/L AS BR)	09/25/91-09/25/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0208

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: ROMO0208

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0209

NPS Station ID: ROMO0209
LAT/LON: 40.276392/-105.671670
Agency: 112WRD
Date Created: 02/01/92
Location: LVSYN11
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 401635105401800
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC:
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 16.50
On/Off RF1:
RF3 Index: 14010001030100.00
RF3 Mile Point: 0.00
Distance from RF3: 0.12
On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0209

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403	PH, LAB, STANDARD UNITS SU	09/25/91-09/25/91	1	5.8	5.8	5.8	5.8	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/25/91-09/25/91	1	5.8	5.8	5.8	5.8	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/25/91-09/25/91	1	1.585	1.585	1.585	1.585	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/25/91-09/25/91	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/25/91-09/25/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/25/91-09/25/91	1	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/25/91-09/25/91	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/25/91-09/25/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/25/91-09/25/91	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/25/91-09/25/91	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/25/91-09/25/91	1	0.13	0.13	0.13	0.13	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/25/91-09/25/91	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/25/91-09/25/91	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/25/91-09/25/91	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/25/91-09/25/91	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/25/91-09/25/91	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/25/91-09/25/91	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/25/91-09/25/91	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/25/91-09/25/91	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
71870	BROMIDE (MG/L AS BR)	09/25/91-09/25/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0209

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------6/10-10/31---------- Obs	Exceed	Prop.	----------11/01-4/10---------- Obs	Exceed	Prop.	----------4/11-6/09---------- Obs	Exceed	Prop.	--------------n/a-------------- Obs	Exceed	Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: ROMO0209

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00950 FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0210

NPS Station ID: ROMO0210
LAT/LON: 40.276392/-105.672503
Agency: 112WRD
Date Created: 02/01/92
Location: LVSYN9
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 401635105402100
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC:
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 16.70
On/Off RF1:
RF3 Index: 14010001030100.00
RF3 Mile Point: 0.00
Distance from RF3: 0.10
On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0210

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403	PH, LAB, STANDARD UNITS SU	09/25/91-09/25/91	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/25/91-09/25/91	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/25/91-09/25/91	1	0.316	0.316	0.316	0.316	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/25/91-09/25/91	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/25/91-09/25/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/25/91-09/25/91	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/25/91-09/25/91	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/25/91-09/25/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/25/91-09/25/91	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/25/91-09/25/91	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/25/91-09/25/91	1	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/25/91-09/25/91	1	0.12	0.12	0.12	0.12	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/25/91-09/25/91	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/25/91-09/25/91	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/25/91-09/25/91	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/25/91-09/25/91	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/25/91-09/25/91	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/25/91-09/25/91	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/25/91-09/25/91	1	10.	10.	10.	10.	0.	0.	**	**	**	**
71870	BROMIDE (MG/L AS BR)	09/25/91-09/25/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0210

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: ROMO0210

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0211

NPS Station ID: ROMO0211
LAT/LON: 40.276670/-105.669170
Agency: 112WRD
Date Created: 02/01/92
Location: LVSYN8
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 401636105400900
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC:
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 16.40
On/Off RF1:
RF3 Index: 14010001030100.00
RF3 Mile Point: 0.00
Distance from RF3: 0.11
On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0211

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/25/91-09/25/91	1	79.	79.	79.	79.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	09/25/91-09/25/91	1	6.3	6.3	6.3	6.3	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/25/91-09/25/91	1	6.3	6.3	6.3	6.3	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/25/91-09/25/91	1	0.501	0.501	0.501	0.501	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/25/91-09/25/91	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/25/91-09/25/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/25/91-09/25/91	1	0.47	0.47	0.47	0.47	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/25/91-09/25/91	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/25/91-09/25/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/25/91-09/25/91	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/25/91-09/25/91	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/25/91-09/25/91	1	0.32	0.32	0.32	0.32	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/25/91-09/25/91	1	0.12	0.12	0.12	0.12	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/25/91-09/25/91	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/25/91-09/25/91	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/25/91-09/25/91	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/25/91-09/25/91	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/25/91-09/25/91	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/25/91-09/25/91	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/25/91-09/25/91	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
71870	BROMIDE (MG/L AS BR)	09/25/91-09/25/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0211

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: ROMO0211

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0212

NPS Station ID: ROMO0212
LAT/LON: 40.276670/-105.671392
Agency: 112WRD
Date Created: 02/01/92
Location: LVSYN12
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 401636105401700
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC:
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 17.30
On/Off RF1:
RF3 Index: 14010001030100.00
RF3 Mile Point: 0.00
Distance from RF3: 0.04
On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0212

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403	PH, LAB, STANDARD UNITS SU	09/25/91-09/25/91	1	5.9	5.9	5.9	5.9	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/25/91-09/25/91	1	5.9	5.9	5.9	5.9	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/25/91-09/25/91	1	1.259	1.259	1.259	1.259	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/25/91-09/25/91	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/25/91-09/25/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/25/91-09/25/91	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/25/91-09/25/91	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/25/91-09/25/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/25/91-09/25/91	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/25/91-09/25/91	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/25/91-09/25/91	1	0.22	0.22	0.22	0.22	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/25/91-09/25/91	1	0.11	0.11	0.11	0.11	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/25/91-09/25/91	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/25/91-09/25/91	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/25/91-09/25/91	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/25/91-09/25/91	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/25/91-09/25/91	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/25/91-09/25/91	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/25/91-09/25/91	1	20.	20.	20.	20.	0.	0.	**	**	**	**
71870	BROMIDE (MG/L AS BR)	09/25/91-09/25/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0212

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: ROMO0212

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00950 FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0213

NPS Station ID: ROMO0213 | LAT/LON: 40.276698/-105.463615 | Agency: 11NPSWRD | Date Created: 06/18/99
Location: 105851/C04331 | FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): ROMO_NURE_010 /1074028 /1118506
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 10190006 | Depth of Water: 0 | Aquifer:
Major Basin: MISSOURI RIVER | Elevation: 0 | Water Body Id:
Minor Basin: SOUTH PLATTE RIVER | ECO Region:
RF1 Index: 10190006 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE "PANORAMA PEAK COLORADO" 7.5 MINUTE SERIES QUADRANGLE. THE SITE IS AT A STREAM OUTSIDE OF ROCKY MOUNTAIN NATIONAL PARK. EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO ONE WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATA BASE: "NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SOIL; STREAM SEDIMENT; SURFACE WATER; AND GROUND WATER DATA. "UNIQID" FIELD ENTRIES WERE USED TO CREATE THE SECONDARY STATION NAMES. THE "LASLID" FIELD ENTRIES (LAB SAMPLE NUMBERS) WERE USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LAB. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND KELLI O'CONNOR; NATIONAL PARK SERVICE WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0213

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/21/76-09/21/76	1	10.8	10.8	10.8	10.8	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/21/76-09/21/76	1	60.	60.	60.	60.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/21/76-09/21/76	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/21/76-09/21/76	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/21/76-09/21/76	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/21/76-09/21/76	1	2.96	2.96	2.96	2.96	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0213

Parameter				Total	Exceed	Prop.	6/10-10/31			11/01-4/10			4/11-6/09			n/a		
		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0214

NPS Station ID: ROMO0214 LAT/LON: 40.276893/-105.849699 Agency: 11NPSWRD Date Created: 06/12/99
Location: COLORADO RIVER BELOW SUN VALLEY BRIDGE FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): ROMO_JR_CAP51
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 14010001 Depth of Water: 0 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: UPPER COLORADO RIVER ECO Region:
RF1 Index: 14010001 RF1 Mile Point: 0.000 Distance from RF1: 12.40 On/Off RF1:
RF3 Index: 10190007002218.40 RF3 Mile Point: 18.39 Distance from RF3: 0.57 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE GRAND LAKE CO 7.5' SERIES (TOPO.) QUADRANGLE. THE SITE IS LOCATED AT THE COLORADO RIVER BELOW SUN VALLEY BRIDGE AND IS WITHIN ROCKY MOUNTAIN NATIONAL PARK. THE DATA ARE FROM ANNUAL CAPSHELL SNAIL MONITORING PROGRAM REPORTS BY JOHN RIEBESELL OF THE DEPARTMENT OF NATURAL RESOURCES AT THE UNIVERSITY OF MICHIGAN IN DEARBORN MI. TTHE REPORTS SUMMARIZED POPULATION DATA AND WATER QUALITY CHARACTERISTICS OF THE HABITAT OF CAPSHELL SNAILS; A CANDIDATE FOR LISTING UNDER THE FEDERAL ENDANGERED SPECIES ACT. FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0214

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/96-07/31/96	1	15.4	15.4	15.4	15.4	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: ROMO0215

NPS Station ID: ROMO0215
LAT/LON: 40.277226/-105.850004
Agency: 112WRD
Date Created: 11/18/75
Location: N. FORK COLO. R. AT WRCG
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 401638105510000
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14010001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14010001049
RF1 Mile Point: 4.970
Distance from RF1: 9.10
On/Off RF1: ON
RF3 Index: 14010001013900.00
RF3 Mile Point: 2.24
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0215

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/28/74-09/11/74	2	10.5	10.5	13.	8.	12.5	3.536	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/28/74-09/11/74	2	53.5	53.5	70.	37.	544.5	23.335	**	**	**	**
00400	PH (STANDARD UNITS)	06/28/74-06/28/74	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/28/74-06/28/74	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/28/74-06/28/74	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	06/28/74-06/28/74	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/28/74-09/11/74	2	22.5	22.5	29.	16.	84.5	9.192	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	06/28/74-09/11/74	2	27.	27.	35.	19.	128.	11.314	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	06/28/74-06/28/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/28/74-09/11/74	2 ##	0.03	0.03	0.05	0.01	0.001	0.028	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/28/74-09/11/74	2	0.015	0.015	0.03	0.	0.	0.021	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/28/74-09/11/74	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/28/74-09/11/74	2	24.5	24.5	31.	18.	84.5	9.192	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	06/28/74-09/11/74	2	2.5	2.5	3.	2.	0.5	0.707	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/28/74-09/11/74	2	6.65	6.65	8.4	4.9	6.125	2.475	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/28/74-09/11/74	2	1.9	1.9	2.5	1.3	0.72	0.849	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/28/74-09/11/74	2	3.2	3.2	3.7	2.7	0.5	0.707	**	**	**	**
00931	SODIUM ADSORPTION RATIO	06/28/74-09/11/74	2	0.3	0.3	0.4	0.2	0.02	0.141	**	**	**	**
00932	SODIUM, PERCENT	06/28/74-09/11/74	2	23.	23.	31.	15.	128.	11.314	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/28/74-09/11/74	2	0.85	0.85	1.1	0.6	0.125	0.354	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/28/74-09/11/74	2	1.15	1.15	2.	0.3	1.445	1.202	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	06/28/74-09/11/74	2	4.5	4.5	6.	3.	4.5	2.121	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/28/74-09/11/74	2	0.25	0.25	0.3	0.2	0.005	0.071	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/28/74-09/11/74	2	6.85	6.85	8.4	5.3	4.805	2.192	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	06/28/74-09/11/74	2	280.	280.	410.	150.	33800.	183.848	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	06/28/74-09/11/74	2 ##	282.5	282.5	560.	5.	154012.5	392.444	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	06/28/74-09/11/74	2	39.5	39.5	50.	29.	220.5	14.849	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	06/28/74-09/11/74	2	0.055	0.055	0.07	0.04	0.	0.021	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0215

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	2	0	0.00	2	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00	2	0	0.00									
		Drinking Water	250.	2	0	0.00	2	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	2	0	0.00	2	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	2	0	0.00	2	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0216

NPS Station ID: ROMO0216
LAT/LON: 40.277392/-105.669643
Agency: 11NPSWRD
Date Created: 04/10/99
Location: ICY BROOK ABOVE SKY POND
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_NPS_ASP
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MCHENRYS PEAK; COLORADO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION ASP WAS AT ICY BROOK UPSTREAM OF SKY POND INSIDE OF THE ROCKY MOUNTAIN NATIONAL PARK (ROMO) BOUNDARIES. THE CREEK WAS SAMPLED AS PART OF A STUDY TO ASSESS THE IMPACT OF RECREATIONISTS ON STREAM WATER QUALITY; THE PRESENCE OR ABSENCE OF GIARDIA; AND THE IMPACT ON BACKCOUNTRY USERS WHO INGEST WATER FROM STREAMS OR LAKES IN THE LOCH VALE AND GLACIER GORGE WATERSHEDS. DATA WERE PUBLISHED IN A NATURAL RESOURCES REPORT SERIES 85-3 REPORT TITLED "FIELD SURVEY OF GIARDIA IN STREAMS AND WILDLIFE OF THE GLACIER GORGE AND LOCH VALE BASINS; ROCKY MOUNTAIN NATIONAL PARK" BY SAM KUNKLE AND NANCY COWDIN (1985). FOR MORE INFORMATION CONTACT ROMO'S CHIEF OF RESOURCES AT ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0216

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/01/84-08/24/84	7	4.	39.571	158.	0.	4019.619	63.4	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/01/84-08/24/84	7	0.602	0.958	2.199	0.	0.689	0.83	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			9.088								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/01/84-08/24/84	7	0.	6.714	45.	0.	285.238	16.889	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/01/84-08/24/84	7	0.	0.236	1.653	0.	0.39	0.625	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.723								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/01/84-08/24/84	7	5.	6.571	27.	0.	90.286	9.502	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/01/84-08/24/84	7	0.699	0.533	1.431	0.	0.309	0.555	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			3.413								
61732	GIARDIA, FILTRATION CYSTS/100 GAL	08/09/84-09/01/84	3	0.	0.	0.	0.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0216

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	7	0	0.00	7	0	0.00									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	7	0	0.00	7	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0217

NPS Station ID: ROMO0217
LAT/LON: 40.277392/-105.669671
Agency: 11NPSWRD
Date Created: 08/28/99
Location: Icy Brook Sky Pond Inlet
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_SM_GGSPI
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the McHenrys Peak CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0217

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	1	36.	36.	36.	36.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/31/81-07/31/81	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	1	6.21	6.21	6.21	6.21	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/31/81-07/31/81	1	6.21	6.21	6.21	6.21	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.617	0.617	0.617	0.617	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	1	0.23	0.23	0.23	0.23	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0217

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0218

NPS Station ID: ROMO0218
LAT/LON: 40.277420/-105.669643
Agency: 11NPSWRD
Date Created: 06/30/99
Location: SOUTHERN INLET TO SKY POND
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): ROMO_JB_SKYIS
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MCHENRYS PEAK CO 7.5' (TOPOGRAPHICAL) SERIES QUADRANGLE. THE SITE IS AT THE SOUTHERN INLET STREAM TO SKY POND AND IS LOCATED IN ROCKY MOUNTAIN NATIONAL PARK. DATA WERE COLLECTED FOR THE LOCH VALE WATERSHED STUDY; A LONG TERM MONITORING STUDY FOR THE NATIONAL ATMOSPHERIC DEPOSITION PROGRAM/NATIONAL ACID PRECIPITATION ASSESSMENT PROGRAM (NADP/NAPAP). THE NADP/NAPAP MONITORS WATER QUALITY OF SENSITIVE ENVIRONMENTS FOR CHANGES DUE TO ACID PRECIPITATION. JILL BARON IS THE PROJECT CONTACT FOR THE STUDY AT THE NATURAL RESOURCES ECOLOGY LABORATORY AT COLORADO STATE UNIVERSITY IN FORT COLLINS CO 8052 (TEL. 970-491-1968). FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0218

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/14/82-10/07/97	45	2.	2.469	9.4	0.	5.197	2.28	0.5	1.	3.5	7.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/14/82-10/07/97	62	9.	10.258	19.	6.	11.244	3.353	7.	8.	12.25	15.7
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/19/83-10/07/97	56	10.	9.821	18.	6.	6.295	2.509	6.7	8.	11.	13.
00403	PH, LAB, STANDARD UNITS SU	07/19/83-10/07/97	50	6.35	6.344	7.4	5.5	0.131	0.361	5.91	6.175	6.5	6.69
00403	CONVERTED PH, LAB, STANDARD UNITS	07/19/83-10/07/97	50	6.347	6.205	7.4	5.5	0.15	0.388	5.91	6.175	6.5	6.69
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/19/83-10/07/97	50	0.45	0.624	3.162	0.04	0.348	0.59	0.205	0.316	0.672	1.233
00406	PH, FIELD, STANDARD UNITS SU	06/14/82-10/07/97	66	6.245	6.254	7.23	5.6	0.072	0.269	5.901	6.095	6.405	6.553
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/14/82-10/07/97	66	6.245	6.176	7.23	5.6	0.078	0.28	5.901	6.095	6.405	6.553
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/14/82-10/07/97	66	0.569	0.666	2.512	0.059	0.185	0.43	0.28	0.394	0.804	1.257
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	06/14/82-10/07/97	62	0.02	0.017	0.08	0.006	0.	0.01	0.01	0.01	0.02	0.02
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	06/14/82-08/19/92	45	0.007	0.007	0.033	0.003	0.	0.006	0.003	0.003	0.01	0.013
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	06/14/82-10/07/97	57	0.009	0.01	0.03	0.	0.	0.008	0.	0.003	0.02	0.02
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	07/29/86-10/07/97	39	0.6	0.666	1.8	0.06	0.146	0.382	0.2	0.4	0.9	1.2
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/14/82-10/07/97	67	1.	1.082	2.6	0.	0.161	0.402	0.7	0.8	1.3	1.62
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/14/82-10/07/97	67	0.2	0.18	2.1	0.	0.06	0.245	0.09	0.1	0.2	0.2
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/14/82-10/07/97	67	0.3	0.297	0.6	0.	0.014	0.118	0.156	0.22	0.35	0.5
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/14/82-10/07/97	67	0.13	0.123	0.24	0.05	0.001	0.035	0.07	0.1	0.13	0.162
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/14/82-10/07/97	67	0.09	0.117	0.7	0.003	0.013	0.112	0.058	0.07	0.1	0.2
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/14/82-10/07/97	67	1.2	1.381	2.9	0.7	0.262	0.512	0.9	1.	1.6	2.16

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: ROMO0218

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/19/83-09/27/93	45	0.09	0.09	0.2	0.	0.001	0.028	0.06	0.075	0.1	0.12
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/19/83-10/07/97	55	1.3	1.404	2.6	0.	0.251	0.501	1.	1.1	1.6	2.3
01046	IRON, DISSOLVED (UG/L AS FE)	07/19/83-08/19/92	37	12.	21.378	91.	0.	714.797	26.736	3.	4.	20.	79.2
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/19/83-08/19/92	41	1.	1.5	3.5	0.	0.66	0.812	1.	1.	1.95	3.
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/19/82-09/27/93	40	17.	22.727	84.	0.04	367.638	19.174	4.4	10.	28.5	50.6
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/19/83-10/07/97	58	0.006	0.018	0.23	0.	0.001	0.034	0.	0.001	0.02	0.04
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/14/82-10/07/97	65	1.7	1.678	3.7	0.8	0.34	0.583	1.	1.2	2.15	2.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0218

				Total	Exceed	Prop.	----------6/10-10/31----------			----------11/01-4/10----------			----------4/11-6/09----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00403	PH, LAB	Fresh Chronic	9.	50	0	0.00	49	0	0.00				1	0	0.00			
		Other-Lo Lim.	6.5	50	40	0.80	49	39	0.80				1	1	1.00			
00406	PH, FIELD	Fresh Chronic	9.	66	0	0.00	65	0	0.00				1	0	0.00			
		Other-Lo Lim.	6.5	66	58	0.88	65	57	0.88				1	1	1.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	45	0	0.00	45	0	0.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	67	0	0.00	66	0	0.00				1	0	0.00			
		Drinking Water	250.	67	0	0.00	66	0	0.00				1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	67	0	0.00	66	0	0.00				1	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	45	0	0.00	45	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	65	0	0.00	64	0	0.00				1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 6/10 to 10/31 - Station ROMO0218

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/14/82-10/07/97	44	2.	2.525	9.4	0.	5.173	2.274	0.5	1.	3.75	7.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/14/82-10/07/97	61	9.	10.148	19.	6.	10.661	3.265	7.	8.	11.5	15.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/19/83-10/07/97	55	10.	9.764	18.	6.	6.221	2.494	6.6	8.	11.	13.
00403	PH, LAB, STANDARD UNITS SU	07/19/83-10/07/97	49	6.4	6.353	7.4	5.5	0.129	0.359	6.	6.2	6.5	6.7
00403	CONVERTED PH, LAB, STANDARD UNITS	07/19/83-10/07/97	49	6.4	6.214	7.4	5.5	0.149	0.386	6.	6.2	6.5	6.7
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/19/83-10/07/97	49	0.398	0.611	3.162	0.04	0.347	0.589	0.2	0.316	0.631	1.
00406	PH, FIELD, STANDARD UNITS SU	06/14/82-10/07/97	65	6.25	6.26	7.23	5.6	0.071	0.267	5.916	6.1	6.41	6.554
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/14/82-10/07/97	65	6.25	6.183	7.23	5.6	0.077	0.278	5.916	6.1	6.41	6.554
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/14/82-10/07/97	65	0.562	0.656	2.512	0.059	0.181	0.426	0.279	0.389	0.794	1.213
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	06/14/82-10/07/97	61	0.02	0.017	0.08	0.006	0.	0.01	0.01	0.01	0.02	0.02
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	06/14/82-08/19/92	45	0.007	0.007	0.033	0.003	0.	0.006	0.003	0.003	0.01	0.013
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	06/14/82-10/07/97	57	0.009	0.01	0.03	0.	0.	0.008	0.	0.003	0.02	0.02
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	07/29/86-10/07/97	38	0.6	0.654	1.8	0.06	0.145	0.381	0.19	0.4	0.9	1.21
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/14/82-10/07/97	66	1.	1.074	2.6	0.	0.16	0.4	0.7	0.8	1.225	1.63
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/14/82-10/07/97	66	0.2	0.179	2.1	0.	0.061	0.247	0.09	0.1	0.2	0.2
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/14/82-10/07/97	66	0.3	0.297	0.6	0.	0.014	0.119	0.154	0.22	0.35	0.5
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/14/82-10/07/97	66	0.125	0.122	0.24	0.05	0.001	0.036	0.07	0.1	0.13	0.163
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/14/82-10/07/97	66	0.09	0.117	0.7	0.003	0.013	0.113	0.057	0.07	0.1	0.2
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/14/82-10/07/97	66	1.2	1.371	2.9	0.7	0.261	0.51	0.9	1.	1.6	2.19
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/19/83-09/27/93	45	0.09	0.09	0.2	0.	0.001	0.028	0.06	0.075	0.1	0.12
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/19/83-10/07/97	54	1.35	1.411	2.6	0.	0.252	0.502	1.	1.1	1.6	2.3
01046	IRON, DISSOLVED (UG/L AS FE)	07/19/83-08/19/92	37	12.	21.378	91.	0.	714.797	26.736	3.	4.	20.	79.2
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/19/83-08/19/92	41	1.	1.5	3.5	0.	0.66	0.812	1.	1.	1.95	3.
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/19/82-09/27/93	40	17.	22.727	84.	0.04	367.638	19.174	4.4	10.	28.5	50.6
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/19/83-10/07/97	57	0.006	0.018	0.23	0.	0.001	0.034	0.	0.001	0.02	0.04
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/14/82-10/07/97	64	1.65	1.659	3.7	0.8	0.321	0.566	1.	1.2	2.05	2.35

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/11 to 6/09 - Station ROMO0218

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/14/82-10/07/97	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/14/82-10/07/97	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/19/83-10/07/97	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/19/83-10/07/97	1	5.9	5.9	5.9	5.9	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/19/83-10/07/97	1	5.9	5.9	5.9	5.9	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/19/83-10/07/97	1	1.259	1.259	1.259	1.259	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	06/14/82-10/07/97	1	5.88	5.88	5.88	5.88	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/14/82-10/07/97	1	5.88	5.88	5.88	5.88	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/14/82-10/07/97	1	1.318	1.318	1.318	1.318	0.	0.	**	**	**	**
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	06/14/82-10/07/97	1	0.007	0.007	0.007	0.007	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	07/29/86-10/07/97	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/14/82-10/07/97	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/14/82-10/07/97	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/14/82-10/07/97	1	0.34	0.34	0.34	0.34	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/14/82-10/07/97	1	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/14/82-10/07/97	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/14/82-10/07/97	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/19/83-10/07/97	1	1.	1.	1.	1.	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/19/83-10/07/97	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/14/82-10/07/97	1	2.9	2.9	2.9	2.9	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: ROMO0219

NPS Station ID: ROMO0219
LAT/LON: 40.277505/-105.669671
Agency: 11NPSWRD
Date Created: 06/30/99
Location: NORTHERN INLET TO SKY POND
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): ROMO_JB_SKYIN
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MCHENRYS PEAK CO 7.5' (TOPOGRAPHICAL) SERIES QUADRANGLE. THE SITE IS AT THE NORTHERN INLET STREAM TO SKY POND AND IS LOCATED IN ROCKY MOUNTAIN NATIONAL PARK. DATA WERE COLLECTED FOR THE LOCH VALE WATERSHED STUDY; A LONG TERM MONITORING STUDY FOR THE NATIONAL ATMOSPHERIC DEPOSITION PROGRAM/NATIONAL ACID PRECIPITATION ASSESSMENT PROGRAM (NADP/NAPAP). THE NADP/NAPAP MONITORS WATER QUALITY OF SENSITIVE ENVIRONMENTS FOR CHANGES DUE TO ACID PRECIPITATION. JILL BARON IS THE PROJECT CONTACT FOR THE STUDY AT THE NATURAL RESOURCES ECOLOGY LABORATORY AT COLORADO STATE UNIVERSITY IN FORT COLLINS CO 8052 (TEL. 970-491-1968). FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0219

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/17/91-10/07/97	10	2.5	2.6	5.	1.	1.544	1.243	1.	1.75	3.25	4.9
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/17/91-10/07/97	18	12.	11.5	20.	6.	21.324	4.618	6.	7.	15.	20.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/13/91-10/07/97	18	10.5	10.222	17.	6.	9.83	3.135	6.	6.75	12.	15.2
00403	PH, LAB, STANDARD UNITS SU	08/13/91-10/07/97	22	6.2	6.214	6.7	5.7	0.088	0.296	5.73	5.975	6.425	6.67
00403	CONVERTED PH, LAB, STANDARD UNITS	08/13/91-10/07/97	22	6.2	6.117	6.7	5.7	0.098	0.312	5.73	5.975	6.425	6.67
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/13/91-10/07/97	22	0.631	0.763	1.995	0.2	0.29	0.539	0.215	0.378	1.065	1.872
00406	PH, FIELD, STANDARD UNITS SU	09/17/91-10/07/97	21	6.38	6.432	7.07	5.87	0.075	0.274	6.112	6.24	6.625	6.788
00406	CONVERTED PH, FIELD, STANDARD UNITS	09/17/91-10/07/97	21	6.38	6.354	7.07	5.87	0.081	0.285	6.112	6.24	6.625	6.788
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/17/91-10/07/97	21	0.417	0.443	1.349	0.085	0.079	0.281	0.163	0.237	0.575	0.774
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	08/13/91-10/07/97	22	0.02	0.031	0.07	0.006	0.	0.021	0.01	0.02	0.05	0.067
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	08/13/91-09/29/92	3	0.003	0.006	0.013	0.003	0.	0.006	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	08/13/91-10/07/97	14 ##	0.	0.002	0.009	0.	0.	0.003	0.	0.	0.001	0.009
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	08/13/91-10/07/97	19	0.5	0.507	1.2	0.04	0.096	0.31	0.1	0.3	0.6	1.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/13/91-10/07/97	22	1.25	1.223	2.4	0.6	0.186	0.431	0.7	0.8	1.425	1.74
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/13/91-10/07/97	22	0.2	0.17	0.3	0.08	0.003	0.058	0.09	0.1	0.2	0.2
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/13/91-10/07/97	22	0.345	0.359	0.68	0.2	0.015	0.124	0.203	0.258	0.443	0.535
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/13/91-10/07/97	22	0.12	0.13	0.23	0.08	0.001	0.037	0.083	0.108	0.143	0.194
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/13/91-10/07/97	22	0.09	0.091	0.2	0.06	0.001	0.029	0.06	0.078	0.1	0.1
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/13/91-10/07/97	22	1.25	1.282	2.6	0.6	0.271	0.521	0.73	0.875	1.6	2.23

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: ROMO0219

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/13/91-09/27/93	7	0.09	0.089	0.11	0.06	0.	0.018	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/13/91-10/07/97	16	1.85	1.963	3.4	0.9	0.617	0.786	1.04	1.225	2.75	3.12
01046	IRON, DISSOLVED (UG/L AS FE)	08/13/91-09/29/92	3	14.	12.	19.	3.	67.	8.185	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/13/91-09/29/92	3	1.	1.	1.	1.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/13/91-09/27/93	7	19.	17.714	31.	7.	85.905	9.268	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	08/13/91-10/07/97	20	0.001	0.009	0.04	0.	0.	0.013	0.	0.	0.018	0.03
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/13/91-10/07/97	22	1.65	1.786	2.9	0.8	0.509	0.713	0.9	1.1	2.5	2.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0219

				Total	Exceed	Prop.	6/10-10/31			11/01-4/10			4/11-6/09			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00403	PH, LAB	Fresh Chronic	9.	22	0	0.00	21	0	0.00				1	0	0.00			
		Other-Lo Lim.	6.5	22	19	0.86	21	18	0.86				1	1	1.00			
00406	PH, FIELD	Fresh Chronic	9.	21	0	0.00	20	0	0.00				1	0	0.00			
		Other-Lo Lim.	6.5	21	12	0.57	20	11	0.55				1	1	1.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	3	0	0.00	3	0	0.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	22	0	0.00	21	0	0.00				1	0	0.00			
		Drinking Water	250.	22	0	0.00	21	0	0.00				1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	22	0	0.00	21	0	0.00				1	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	7	0	0.00	7	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	22	0	0.00	21	0	0.00				1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 6/10 to 10/31 - Station ROMO0219

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/17/91-10/07/97	9	2.5	2.778	5.	1.	1.382	1.176	1.	2.	3.5	5.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/17/91-10/07/97	17	12.	11.353	20.	6.	22.243	4.716	6.	7.	15.	20.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/13/91-10/07/97	17	10.	10.176	17.	6.	10.404	3.226	6.	6.5	12.	15.4
00403	PH, LAB, STANDARD UNITS SU	08/13/91-10/07/97	21	6.2	6.229	6.7	5.7	0.087	0.295	5.72	6.05	6.45	6.68
00403	CONVERTED PH, LAB, STANDARD UNITS	08/13/91-10/07/97	21	6.2	6.131	6.7	5.7	0.097	0.312	5.72	6.05	6.45	6.68
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/13/91-10/07/97	21	0.631	0.739	1.995	0.2	0.292	0.54	0.21	0.357	0.897	1.913
00406	PH, FIELD, STANDARD UNITS SU	09/17/91-10/07/97	20	6.44	6.46	7.07	6.1	0.062	0.248	6.168	6.243	6.628	6.789
00406	CONVERTED PH, FIELD, STANDARD UNITS	09/17/91-10/07/97	20	6.436	6.401	7.07	6.1	0.065	0.255	6.168	6.243	6.628	6.789
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/17/91-10/07/97	20	0.367	0.397	0.794	0.085	0.038	0.194	0.163	0.236	0.572	0.68
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	08/13/91-10/07/97	21	0.02	0.032	0.07	0.01	0.	0.02	0.01	0.02	0.05	0.068
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	08/13/91-10/07/97	14 ##	0.	0.002	0.009	0.	0.	0.003	0.	0.	0.001	0.009
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	08/13/91-10/07/97	18	0.5	0.48	1.2	0.04	0.087	0.294	0.094	0.275	0.6	0.93
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/13/91-10/07/97	21	1.2	1.219	2.4	0.6	0.195	0.441	0.7	0.8	1.45	1.76
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/13/91-10/07/97	21	0.2	0.169	0.3	0.08	0.004	0.059	0.09	0.1	0.2	0.2
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/13/91-10/07/97	21	0.35	0.364	0.68	0.2	0.016	0.125	0.202	0.275	0.445	0.54
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/13/91-10/07/97	21	0.12	0.131	0.23	0.08	0.001	0.038	0.082	0.105	0.145	0.196
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/13/91-10/07/97	21	0.09	0.091	0.2	0.06	0.001	0.029	0.06	0.075	0.1	0.1
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/13/91-10/07/97	21	1.2	1.276	2.6	0.6	0.284	0.533	0.72	0.85	1.6	2.32
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/13/91-10/07/97	15	1.9	2.	3.4	0.9	0.637	0.798	1.02	1.2	2.8	3.16
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	08/13/91-10/07/97	19	0.001	0.009	0.04	0.	0.	0.013	0.	0.	0.02	0.03
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/13/91-10/07/97	21	1.6	1.748	2.9	0.8	0.5	0.707	0.9	1.1	2.5	2.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/11 to 6/09 - Station ROMO0219

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/17/91-10/07/97	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	09/17/91-10/07/97	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/13/91-10/07/97	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/13/91-10/07/97	1	5.9	5.9	5.9	5.9	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/13/91-10/07/97	1	5.9	5.9	5.9	5.9	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/13/91-10/07/97	1	1.259	1.259	1.259	1.259	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	09/17/91-10/07/97	1	5.87	5.87	5.87	5.87	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	09/17/91-10/07/97	1	5.87	5.87	5.87	5.87	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/17/91-10/07/97	1	1.349	1.349	1.349	1.349	0.	0.	**	**	**	**
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	08/13/91-10/07/97	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	08/13/91-10/07/97	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/13/91-10/07/97	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/13/91-10/07/97	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/13/91-10/07/97	1	0.26	0.26	0.26	0.26	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/13/91-10/07/97	1	0.11	0.11	0.11	0.11	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/13/91-10/07/97	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/13/91-10/07/97	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/13/91-10/07/97	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	08/13/91-10/07/97	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/13/91-10/07/97	1	2.6	2.6	2.6	2.6	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: ROMO0220

NPS Station ID: ROMO0220 | LAT/LON: 40.277505/-105.849699 | Agency: 11NPSWRD | Date Created: 06/18/99
Location: 106060/C04491 | FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): ROMO_NURE_161 /1074144 /1118622
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 14010001 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: UPPER COLORADO RIVER | ECO Region:
RF1 Index: 14010001 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE "GRAND LAKE COLORADO" 7.5 MINUTE SERIES QUADRANGLE. THE SITE IS AT A STREAM OUTSIDE OF ROCKY MOUNTAIN NATIONAL PARK. EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO ONE WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATA BASE: "NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SOIL; STREAM SEDIMENT; SURFACE WATER; AND GROUND WATER DATA. "UNIQID" FIELD ENTRIES WERE USED TO CREATE THE SECONDARY STATION NAMES. THE "LASLID" FIELD ENTRIES (LAB SAMPLE NUMBERS) WERE USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LAB. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND KELLI O'CONNOR; NATIONAL PARK SERVICE WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0220

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/23/76-09/23/76	1	9.2	9.2	9.2	9.2	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/23/76-09/23/76	1	74.	74.	74.	74.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/23/76-09/23/76	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/23/76-09/23/76	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/23/76-09/23/76	1	0.158	0.158	0.158	0.158	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/23/76-09/23/76	1	0.56	0.56	0.56	0.56	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0220

Parameter				Total	Exceed	Prop.	6/10-10/31			11/01-4/10			4/11-6/09			n/a		
		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0221

NPS Station ID: ROMO0221
LAT/LON: 40.277837/-105.668365
Agency: 11NPSWRD
Date Created: 06/30/99
Location: MIDDLE OF SKY POND AT MID-DEPTH
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): ROMO_JB_SKYLM
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MCHENRYS PEAK CO 7.5' (TOPOGRAPHICAL) SERIES QUADRANGLE. THE SITE IS AT THE MIDDLE OF SKY POND AT MID-DEPTH AND IS LOCATED IN ROCKY MOUNTAIN NATIONAL PARK. DATA WERE COLLECTED FOR THE LOCH VALE WATERSHED STUDY; A LONG TERM MONITORING STUDY FOR THE NATIONAL ATMOSPHERIC DEPOSITION PROGRAM/NATIONAL ACID PRECIPITATION ASSESSMENT PROGRAM (NADP/NAPAP). THE NADP/NAPAP MONITORS WATER QUALITY OF SENSITIVE ENVIRONMENTS FOR CHANGES DUE TO ACID PRECIPITATION. JILL BARON IS THE PROJECT CONTACT FOR THE STUDY AT THE NATURAL RESOURCES ECOLOGY LABORATORY AT COLORADO STATE UNIVERSITY IN FORT COLLINS CO 8052 (TEL. 970-491-1968). FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0221

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/20/82-08/24/88	62	4.25	4.527	9.	0.	4.763	2.182	2.	3.	6.	7.85
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/20/82-08/24/88	64	10.5	11.172	16.	6.	9.383	3.063	7.	9.	14.	15.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/16/83-08/24/88	26	14.5	13.962	20.	7.	15.398	3.924	8.	10.75	17.25	19.3
00403	PH, LAB, STANDARD UNITS SU	04/16/83-08/24/88	26	7.15	7.073	7.6	6.2	0.182	0.427	6.44	6.675	7.5	7.6
00403	CONVERTED PH, LAB, STANDARD UNITS	04/16/83-08/24/88	26	7.147	6.862	7.6	6.2	0.229	0.478	6.44	6.675	7.5	7.6
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/16/83-08/24/88	26	0.071	0.138	0.631	0.025	0.023	0.153	0.025	0.032	0.212	0.372
00406	PH, FIELD, STANDARD UNITS SU	07/20/82-08/24/88	63	6.59	6.587	8.3	5.8	0.116	0.341	6.3	6.4	6.7	6.9
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/20/82-08/24/88	63	6.59	6.485	8.3	5.8	0.127	0.356	6.3	6.4	6.7	6.9
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/20/82-08/24/88	63	0.257	0.328	1.585	0.005	0.066	0.258	0.126	0.2	0.398	0.501
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	07/20/82-08/24/88	32	0.035	0.042	0.08	0.002	0.001	0.022	0.02	0.03	0.06	0.08
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/20/82-08/24/88	49	0.01	0.01	0.036	0.003	0.	0.006	0.003	0.007	0.01	0.013
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/20/82-08/24/88	63	0.006	0.007	0.03	0.003	0.	0.005	0.003	0.003	0.009	0.01
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	04/16/83-08/24/88	22	0.85	0.9	1.6	0.5	0.097	0.312	0.6	0.675	1.	1.57
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/20/82-08/24/88	25	1.3	1.264	1.9	0.7	0.162	0.402	0.76	0.85	1.6	1.84
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/20/82-08/24/88	25	0.2	0.176	0.4	0.09	0.007	0.083	0.1	0.1	0.2	0.3
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/20/82-08/24/88	25	0.4	0.378	0.6	0.19	0.017	0.129	0.2	0.265	0.5	0.6
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/20/82-08/24/88	25	0.15	0.151	0.29	0.06	0.003	0.058	0.066	0.105	0.19	0.222
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/20/82-08/24/88	61 ##	0.	0.051	0.5	0.	0.009	0.094	0.	0.	0.1	0.18
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/20/82-08/24/88	25	1.5	1.636	2.6	0.7	0.297	0.545	1.06	1.1	2.	2.54

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: ROMO0221

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/16/83-08/24/88	19	0.09	0.096	0.15	0.04	0.001	0.028	0.06	0.08	0.11	0.14
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/16/83-08/24/88	19	0.8	0.768	1.6	0.2	0.179	0.423	0.3	0.3	1.1	1.3
01046	IRON, DISSOLVED (UG/L AS FE)	04/16/83-08/24/88	51	22.	25.941	91.	10.	191.736	13.847	10.	17.	31.	40.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/16/83-08/24/88	19	3.	4.858	37.	1.	65.148	8.071	1.	1.1	5.	9.
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/19/82-08/24/88	12	13.	15.512	40.	0.06	133.515	11.555	0.066	10.	20.	37.
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	04/16/83-08/24/88	60	0.02	0.027	0.28	0.001	0.002	0.04	0.003	0.008	0.03	0.059
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/20/82-08/24/88	45	0.8	0.861	1.9	0.04	0.169	0.412	0.4	0.55	1.2	1.44

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0221

				Total	Exceed	Prop.	----------6/10-10/31----------			----------11/01-4/10----------			----------4/11-6/09----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00403	PH, LAB	Fresh Chronic	9.	26	0	0.00	13	0	0.00	5	0	0.00	8	0	0.00			
		Other-Lo Lim.	6.5	26	3	0.12	13	2	0.15	5	1	0.20	8	0	0.00			
00406	PH, FIELD	Fresh Chronic	9.	63	0	0.00	37	0	0.00	11	0	0.00	15	0	0.00			
		Other-Lo Lim.	6.5	63	31	0.49	37	19	0.51	11	7	0.64	15	5	0.33			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	49	0	0.00	33	0	0.00	9	0	0.00	7	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	61	0	0.00	36	0	0.00	10	0	0.00	15	0	0.00			
		Drinking Water	250.	61	0	0.00	36	0	0.00	10	0	0.00	15	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	25	0	0.00	15	0	0.00	2	0	0.00	8	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	19	0	0.00	9	0	0.00	2	0	0.00	8	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	45	0	0.00	27	0	0.00	6	0	0.00	12	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1982 - Station ROMO0221

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/20/82-08/24/88	4	8.	6.75	9.	2.	10.917	3.304	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/20/82-08/24/88	6	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/20/82-08/24/88	6	0.13	0.212	0.5	0.05	0.038	0.195	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station ROMO0221

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/20/82-08/24/88	9	3.	4.111	8.	2.	6.361	2.522	2.	2.	7.	8.
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/20/82-08/24/88	9	0.006	0.009	0.03	0.006	0.	0.008	0.006	0.006	0.008	0.03
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/20/82-08/24/88	9	0.1	0.08	0.2	0.003	0.004	0.061	0.003	0.023	0.1	0.2
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	04/16/83-08/24/88	9	0.05	0.056	0.1	0.004	0.001	0.032	0.004	0.035	0.09	0.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station ROMO0221

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/20/82-08/24/88	14	4.	3.871	6.8	0.	4.022	2.006	1.	2.	5.3	6.5
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/20/82-08/24/88	12	0.009	0.009	0.02	0.003	0.	0.006	0.003	0.006	0.01	0.02
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/20/82-08/24/88	13	0.1	0.074	0.2	0.	0.005	0.072	0.	0.	0.1	0.2
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	04/16/83-08/24/88	15	0.03	0.043	0.28	0.005	0.005	0.069	0.007	0.009	0.04	0.16

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station ROMO0221

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/20/82-08/24/88	16	4.5	4.469	8.	1.	2.182	1.477	2.4	4.	5.	6.6
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/20/82-08/24/88	17	0.006	0.007	0.02	0.003	0.	0.004	0.003	0.003	0.009	0.012
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/20/82-08/24/88	16 ##	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	04/16/83-08/24/88	17	0.02	0.015	0.03	0.001	0.	0.009	0.003	0.008	0.02	0.03

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station ROMO0221

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/20/82-08/24/88	10	3.5	3.55	6.	1.	4.025	2.006	1.	1.375	6.	6.
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/20/82-08/24/88	10	0.003	0.005	0.009	0.003	0.	0.003	0.003	0.003	0.009	0.009
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/20/82-08/24/88	10 ##	0.	0.01	0.1	0.	0.001	0.032	0.	0.	0.	0.09
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	04/16/83-08/24/88	10	0.01	0.012	0.02	0.003	0.	0.007	0.003	0.006	0.02	0.02

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station ROMO0221

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/20/82-08/24/88	6	5.	5.5	7.5	4.	2.	1.414	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/20/82-08/24/88	6	0.005	0.005	0.006	0.003	0.	0.002	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/20/82-08/24/88	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	04/16/83-08/24/88	6	0.01	0.011	0.02	0.003	0.	0.008	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station ROMO0221

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/20/82-08/24/88	3	8.	7.5	9.	5.5	3.25	1.803	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/20/82-08/24/88	3	0.003	0.005	0.009	0.003	0.	0.003	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/20/82-08/24/88	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	04/16/83-08/24/88	3	0.003	0.002	0.003	0.001	0.	0.001	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 6/10 to 10/31 - Station ROMO0221

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/20/82-08/24/88	37	5.5	5.586	9.	2.	3.948	1.987	2.	5.	7.	8.2
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/20/82-08/24/88	38	9.	9.421	16.	6.	6.088	2.467	6.	8.	10.25	14.
00406	PH, FIELD, STANDARD UNITS SU	07/20/82-08/24/88	37	6.5	6.534	7.2	5.83	0.066	0.257	6.2	6.4	6.675	6.806
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/20/82-08/24/88	37	6.5	6.46	7.2	5.83	0.071	0.267	6.2	6.4	6.675	6.806
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/20/82-08/24/88	37	0.316	0.346	1.479	0.063	0.057	0.239	0.156	0.211	0.398	0.631
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	07/20/82-08/24/88	17	0.03	0.027	0.04	0.006	0.	0.008	0.017	0.02	0.03	0.04
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/20/82-08/24/88	33	0.007	0.009	0.026	0.003	0.	0.005	0.003	0.007	0.01	0.013
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/20/82-08/24/88	37	0.006	0.005	0.02	0.003	0.	0.003	0.003	0.003	0.006	0.01
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/20/82-08/24/88	15	0.9	1.02	1.6	0.7	0.09	0.3	0.7	0.8	1.3	1.6
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/20/82-08/24/88	15	0.1	0.133	0.3	0.09	0.004	0.062	0.096	0.1	0.2	0.24
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/20/82-08/24/88	15	0.3	0.304	0.4	0.19	0.007	0.085	0.196	0.22	0.4	0.4
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/20/82-08/24/88	15	0.11	0.117	0.19	0.06	0.002	0.042	0.06	0.08	0.15	0.19
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/20/82-08/24/88	36 ##	0.	0.054	0.5	0.	0.012	0.111	0.	0.	0.06	0.2
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/20/82-08/24/88	15	1.2	1.333	2.4	0.7	0.175	0.419	0.88	1.1	1.5	2.16
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/20/82-08/24/88	27	0.8	0.904	1.9	0.4	0.173	0.416	0.4	0.6	1.2	1.52

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 4/10 - Station ROMO0221

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/20/82-08/24/88	10	3.	2.55	4.5	0.	2.914	1.707	0.1	1.	4.	4.45
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/20/82-08/24/88	11	13.	12.545	16.	10.	4.073	2.018	10.	10.	14.	15.8
00406	PH, FIELD, STANDARD UNITS SU	07/20/82-08/24/88	11	6.5	6.522	6.71	6.4	0.012	0.109	6.4	6.4	6.6	6.702
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/20/82-08/24/88	11	6.5	6.51	6.71	6.4	0.012	0.11	6.4	6.4	6.6	6.702
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/20/82-08/24/88	11	0.316	0.309	0.398	0.195	0.005	0.074	0.199	0.251	0.398	0.398
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	07/20/82-08/24/88	6	0.05	0.047	0.08	0.002	0.001	0.026	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/20/82-08/24/88	9	0.01	0.011	0.036	0.003	0.	0.01	0.003	0.007	0.01	0.036
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/20/82-08/24/88	11	0.006	0.006	0.02	0.003	0.	0.005	0.003	0.003	0.006	0.017
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/20/82-08/24/88	2	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/20/82-08/24/88	2	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/20/82-08/24/88	2	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/20/82-08/24/88	2	0.185	0.185	0.19	0.18	0.	0.007	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/20/82-08/24/88	10 ##	0.	0.016	0.1	0.	0.001	0.035	0.	0.	0.015	0.096
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/20/82-08/24/88	2	1.75	1.75	1.8	1.7	0.005	0.071	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/20/82-08/24/88	6	0.8	0.733	1.1	0.4	0.063	0.25	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/11 to 6/09 - Station ROMO0221

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/20/82-08/24/88	15	4.	3.233	5.	1.5	1.174	1.083	1.8	2.	4.	4.4
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/20/82-08/24/88	15	14.	14.6	16.	13.	0.829	0.91	13.6	14.	15.	16.
00406	PH, FIELD, STANDARD UNITS SU	07/20/82-08/24/88	15	6.7	6.767	8.3	5.8	0.291	0.539	6.16	6.5	6.9	7.7
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/20/82-08/24/88	15	6.7	6.531	8.3	5.8	0.35	0.592	6.16	6.5	6.9	7.7
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/20/82-08/24/88	15	0.2	0.294	1.585	0.005	0.141	0.375	0.032	0.126	0.316	0.873
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	07/20/82-08/24/88	9	0.07	0.068	0.08	0.04	0.	0.013	0.04	0.06	0.08	0.08
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/20/82-08/24/88	7	0.013	0.013	0.026	0.007	0.	0.006	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/20/82-08/24/88	15	0.009	0.01	0.03	0.003	0.	0.007	0.003	0.006	0.01	0.024
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/20/82-08/24/88	8	1.7	1.688	1.9	1.4	0.036	0.189	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/20/82-08/24/88	8	0.2	0.25	0.4	0.2	0.006	0.076	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/20/82-08/24/88	8	0.5	0.488	0.6	0.3	0.013	0.113	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/20/82-08/24/88	8	0.2	0.206	0.29	0.16	0.002	0.042	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/20/82-08/24/88	15	0.1	0.067	0.2	0.	0.005	0.072	0.	0.	0.1	0.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/11 to 6/09 - Station ROMO0221

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/20/82-08/24/88	8	2.15	2.175	2.6	1.8	0.134	0.365	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/20/82-08/24/88	12	0.95	0.828	1.5	0.04	0.225	0.474	0.055	0.45	1.175	1.47

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: ROMO0222

NPS Station ID: ROMO0222
LAT/LON: 40.277837/-105.668365
Agency: 11NPSWRD
Date Created: 06/30/99
Location: MIDDLE OF SKY POND AT THE BOTTOM
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): ROMO_JB_SKYLH
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MCHENRYS PEAK CO 7.5' (TOPOGRAPHICAL) SERIES QUADRANGLE. THE SITE IS AT THE MIDDLE OF SKY POND AT THE BOTTOM AND IS LOCATED IN ROCKY MOUNTAIN NATIONAL PARK. DATA WERE COLLECTED FOR THE LOCH VALE WATERSHED STUDY; A LONG TERM MONITORING STUDY FOR THE NATIONAL ATMOSPHERIC DEPOSITION PROGRAM/NATIONAL ACID PRECIPITATION ASSESSMENT PROGRAM (NADP/NAPAP). THE NADP/NAPAP MONITORS WATER QUALITY OF SENSITIVE ENVIRONMENTS FOR CHANGES DUE TO ACID PRECIPITATION. JILL BARON IS THE PROJECT CONTACT FOR THE STUDY AT THE NATURAL RESOURCES ECOLOGY LABORATORY AT COLORADO STATE UNIVERSITY IN FORT COLLINS CO 8052 (TEL. 970-491-1968). FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0222

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/20/82-04/17/97	72	4.15	4.704	9.	0.	3.132	1.77	3.	4.	5.9	7.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/14/82-04/17/97	78	14.	13.692	50.	1.	42.008	6.481	7.	9.	16.	18.1
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/16/83-04/17/97	69	14.	13.913	36.	6.	30.404	5.514	8.	10.	17.	20.
00403	PH, LAB, STANDARD UNITS SU	04/16/83-04/17/97	53	6.6	6.751	7.7	6.1	0.154	0.393	6.24	6.5	7.	7.36
00403	CONVERTED PH, LAB, STANDARD UNITS	04/16/83-04/17/97	53	6.6	6.61	7.7	6.1	0.175	0.418	6.24	6.5	7.	7.36
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/16/83-04/17/97	53	0.251	0.245	0.794	0.02	0.033	0.18	0.044	0.1	0.316	0.579
00406	PH, FIELD, STANDARD UNITS SU	06/14/82-04/17/97	79	6.5	6.52	7.3	5.8	0.075	0.274	6.2	6.4	6.7	6.8
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/14/82-04/17/97	79	6.5	6.436	7.3	5.8	0.083	0.287	6.2	6.4	6.7	6.8
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/14/82-04/17/97	79	0.316	0.367	1.585	0.05	0.072	0.268	0.158	0.2	0.398	0.631
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	06/14/82-04/17/97	73	0.06	0.063	0.3	0.009	0.003	0.05	0.02	0.03	0.08	0.106
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	06/14/82-12/15/92	53	0.007	0.014	0.23	0.003	0.001	0.031	0.003	0.007	0.013	0.02
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	06/14/82-04/17/97	59	0.006	0.008	0.03	0.	0.	0.007	0.003	0.003	0.01	0.02
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	04/16/83-04/17/97	36	0.8	0.833	1.8	0.2	0.154	0.392	0.37	0.6	1.075	1.5
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/14/82-04/17/97	79	1.5	1.53	5.1	0.09	0.577	0.76	0.8	1.	1.9	2.1
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/14/82-04/17/97	80	0.2	0.205	0.5	0.09	0.008	0.089	0.1	0.1	0.3	0.3
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/14/82-04/17/97	80	0.4	0.418	0.62	0.2	0.015	0.123	0.261	0.3	0.5	0.6
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/14/82-04/17/97	80	0.17	0.167	0.35	0.06	0.003	0.053	0.091	0.13	0.2	0.229
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/14/82-04/17/97	81	0.1	0.14	0.7	0.	0.011	0.105	0.06	0.09	0.2	0.2
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/14/82-04/17/97	79	1.6	1.59	2.6	0.6	0.277	0.527	0.9	1.1	2.	2.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: ROMO0222

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/16/83-05/14/93	65	0.1	0.1	0.18	0.	0.001	0.028	0.07	0.08	0.115	0.124
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/16/83-04/17/97	70	1.25	1.292	2.8	0.06	0.417	0.646	0.5	0.9	1.725	2.29
01046	IRON, DISSOLVED (UG/L AS FE)	04/16/83-12/15/92	44	27.5	33.5	99.	5.	491.93	22.18	11.	16.5	41.75	71.5
01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/16/83-12/15/92	57	4.	10.744	51.	1.	161.768	12.719	1.	1.65	18.	28.4
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/19/82-12/15/92	54	20.	20.52	58.	0.02	189.211	13.755	5.	10.	27.25	42.5
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	04/16/83-04/17/97	74	0.02	0.049	0.37	0.001	0.005	0.072	0.004	0.01	0.063	0.095
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/14/82-04/17/97	77	0.6	0.698	3.6	0.	0.296	0.544	0.04	0.3	1.	1.32

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0222

				Total	Exceed	Prop.	6/10-10/31			11/01-4/10			4/11-6/09			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00403	PH, LAB	Fresh Chronic	9.	53	0	0.00	18	0	0.00	20	0	0.00	15	0	0.00			
		Other-Lo Lim.	6.5	53	16	0.30	18	3	0.17	20	7	0.35	15	6	0.40			
00406	PH, FIELD	Fresh Chronic	9.	79	0	0.00	36	0	0.00	22	0	0.00	21	0	0.00			
		Other-Lo Lim.	6.5	79	44	0.56	36	17	0.47	22	18	0.82	21	9	0.43			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	53	0	0.00	30	0	0.00	14	0	0.00	9	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	81	0	0.00	37	0	0.00	23	0	0.00	21	0	0.00			
		Drinking Water	250.	81	0	0.00	37	0	0.00	23	0	0.00	21	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	79	0	0.00	35	0	0.00	23	0	0.00	21	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	65	0	0.00	29	0	0.00	18	0	0.00	18	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	77	0	0.00	33	0	0.00	23	0	0.00	21	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 6/10 to 10/31 - Station ROMO0222

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/20/82-04/17/97	35	5.5	5.52	9.	2.	3.516	1.875	2.6	4.	7.	8.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/14/82-04/17/97	36	9.	9.5	16.	1.	9.514	3.085	6.	7.25	11.	14.3
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/16/83-04/17/97	29	10.	10.103	19.	6.	8.453	2.907	7.	8.	11.5	14.
00403	PH, LAB, STANDARD UNITS SU	04/16/83-04/17/97	18	6.65	6.844	7.7	6.4	0.143	0.378	6.4	6.6	7.2	7.43
00403	CONVERTED PH, LAB, STANDARD UNITS	04/16/83-04/17/97	18	6.647	6.723	7.7	6.4	0.158	0.398	6.4	6.6	7.2	7.43
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/16/83-04/17/97	18	0.225	0.189	0.398	0.02	0.014	0.12	0.038	0.063	0.251	0.398
00406	PH, FIELD, STANDARD UNITS SU	06/14/82-04/17/97	36	6.545	6.58	7.3	6.26	0.039	0.198	6.363	6.423	6.7	6.8
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/14/82-04/17/97	36	6.545	6.542	7.3	6.26	0.041	0.202	6.363	6.422	6.7	6.8
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/14/82-04/17/97	36	0.285	0.287	0.55	0.05	0.013	0.112	0.158	0.2	0.379	0.436
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	06/14/82-04/17/97	31	0.03	0.032	0.08	0.009	0.	0.017	0.02	0.02	0.04	0.066
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	06/14/82-12/15/92	30	0.007	0.009	0.023	0.003	0.	0.005	0.003	0.007	0.013	0.016
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	06/14/82-04/17/97	31	0.003	0.005	0.02	0.003	0.	0.004	0.003	0.003	0.006	0.01
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/14/82-04/17/97	36	0.95	1.008	1.9	0.09	0.11	0.332	0.7	0.8	1.175	1.46
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/14/82-04/17/97	36	0.1	0.141	0.3	0.09	0.004	0.065	0.1	0.1	0.2	0.23
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/14/82-04/17/97	36	0.3	0.318	0.6	0.2	0.007	0.082	0.217	0.273	0.378	0.403
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/14/82-04/17/97	36	0.13	0.129	0.22	0.06	0.001	0.038	0.077	0.103	0.148	0.173
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/14/82-04/17/97	37	0.1	0.138	0.7	0.	0.02	0.141	0.036	0.07	0.15	0.32
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/14/82-04/17/97	35	1.1	1.24	2.3	0.7	0.154	0.392	0.8	0.9	1.4	1.82
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/16/83-05/14/93	29	0.08	0.081	0.15	0.	0.001	0.023	0.06	0.07	0.09	0.1
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/16/83-04/17/97	29	1.1	1.045	1.7	0.2	0.107	0.327	0.6	0.85	1.3	1.4
01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/16/83-12/15/92	29	1.9	3.424	22.	1.	26.626	5.16	1.	1.	3.15	5.4
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/19/82-12/15/92	26	23.5	26.926	58.	0.02	241.822	15.551	7.018	15.75	40.25	51.2
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	04/16/83-04/17/97	30	0.01	0.021	0.08	0.001	0.	0.022	0.004	0.006	0.023	0.069
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/14/82-04/17/97	33	0.8	0.9	1.6	0.2	0.123	0.351	0.44	0.65	1.2	1.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 4/10 - Station ROMO0222

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/20/82-04/17/97	18	4.	4.089	6.	0.	1.493	1.222	2.79	4.	4.6	5.46
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/14/82-04/17/97	21	15.	16.19	23.	11.	9.662	3.108	12.2	14.	18.	21.6
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/16/83-04/17/97	20	15.	15.35	20.	9.	8.45	2.907	11.1	13.25	17.	19.9
00403	PH, LAB, STANDARD UNITS SU	04/16/83-04/17/97	20	6.65	6.73	7.7	6.1	0.167	0.409	6.22	6.425	6.95	7.39
00403	CONVERTED PH, LAB, STANDARD UNITS	04/16/83-04/17/97	20	6.647	6.586	7.7	6.1	0.189	0.435	6.22	6.425	6.95	7.39
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/16/83-04/17/97	20	0.225	0.26	0.794	0.02	0.039	0.196	0.041	0.115	0.378	0.608
00406	PH, FIELD, STANDARD UNITS SU	06/14/82-04/17/97	22	6.4	6.427	7.29	5.8	0.095	0.308	6.142	6.268	6.485	6.971
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/14/82-04/17/97	22	6.4	6.341	7.29	5.8	0.103	0.32	6.142	6.267	6.485	6.971
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/14/82-04/17/97	22	0.398	0.456	1.585	0.051	0.093	0.304	0.127	0.327	0.542	0.722
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	06/14/82-04/17/97	21	0.07	0.073	0.15	0.02	0.001	0.031	0.034	0.055	0.08	0.128
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	06/14/82-12/15/92	14	0.007	0.026	0.23	0.003	0.004	0.059	0.003	0.007	0.016	0.128
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	06/14/82-04/17/97	15	0.009	0.01	0.03	0.	0.	0.009	0.	0.003	0.02	0.024
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/14/82-04/17/97	22	1.7	1.782	2.7	0.4	0.236	0.486	1.36	1.6	2.025	2.57
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/14/82-04/17/97	23	0.2	0.239	0.3	0.2	0.002	0.05	0.2	0.2	0.3	0.3
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/14/82-04/17/97	23	0.49	0.481	0.61	0.4	0.006	0.075	0.4	0.4	0.54	0.6
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/14/82-04/17/97	23	0.18	0.19	0.25	0.15	0.001	0.026	0.154	0.17	0.21	0.23
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/14/82-04/17/97	23	0.1	0.131	0.3	0.03	0.004	0.061	0.094	0.1	0.2	0.2
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/14/82-04/17/97	23	1.7	1.735	2.5	1.1	0.111	0.332	1.3	1.5	2.	2.1
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/16/83-05/14/93	18	0.105	0.107	0.14	0.09	0.	0.013	0.09	0.1	0.12	0.122
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/16/83-04/17/97	21	1.7	1.681	2.8	0.6	0.345	0.587	0.86	1.3	2.15	2.58
01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/16/83-12/15/92	13	18.	22.085	51.	1.	218.876	14.794	2.2	11.5	33.55	47.
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/19/82-12/15/92	16	13.5	15.313	30.	1.	73.563	8.577	3.1	9.25	21.5	28.6
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	04/16/83-04/17/97	23	0.04	0.068	0.36	0.001	0.008	0.089	0.004	0.02	0.08	0.228
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/14/82-04/17/97	23	0.3	0.593	3.6	0.	0.625	0.79	0.04	0.04	0.9	1.44

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/11 to 6/09 - Station ROMO0222

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/20/82-04/17/97	19	4.	3.784	5.6	0.	1.737	1.318	1.	4.	4.	5.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/14/82-04/17/97	21	16.	18.381	50.	12.	74.148	8.611	14.	15.	17.	32.6
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/16/83-04/17/97	20	17.	18.	36.	9.	46.	6.782	9.4	15.	20.	33.6
00403	PH, LAB, STANDARD UNITS SU	04/16/83-04/17/97	15	6.6	6.667	7.6	6.2	0.154	0.392	6.2	6.3	6.9	7.3
00403	CONVERTED PH, LAB, STANDARD UNITS	04/16/83-04/17/97	15	6.6	6.533	7.6	6.2	0.173	0.416	6.2	6.3	6.9	7.3
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/16/83-04/17/97	15	0.251	0.293	0.631	0.025	0.044	0.211	0.058	0.126	0.501	0.631
00406	PH, FIELD, STANDARD UNITS SU	06/14/82-04/17/97	21	6.55	6.515	7.2	5.8	0.109	0.331	5.956	6.34	6.7	6.96
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/14/82-04/17/97	21	6.55	6.388	7.2	5.8	0.126	0.355	5.956	6.34	6.7	6.96
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/14/82-04/17/97	21	0.282	0.409	1.585	0.063	0.139	0.372	0.112	0.2	0.457	1.121
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	06/14/82-04/17/97	21	0.08	0.098	0.3	0.02	0.005	0.069	0.052	0.07	0.09	0.26
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	06/14/82-12/15/92	9	0.01	0.014	0.046	0.007	0.	0.012	0.007	0.007	0.013	0.046
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	06/14/82-04/17/97	13	0.01	0.01	0.02	0.	0.	0.008	0.	0.005	0.02	0.02
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/14/82-04/17/97	21	1.9	2.162	5.1	1.5	0.83	0.911	1.5	1.8	2.	4.1
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/14/82-04/17/97	21	0.3	0.276	0.5	0.2	0.007	0.083	0.2	0.2	0.3	0.4
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/14/82-04/17/97	21	0.5	0.519	0.62	0.3	0.008	0.091	0.4	0.465	0.6	0.6
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/14/82-04/17/97	21	0.2	0.207	0.35	0.07	0.003	0.055	0.138	0.19	0.23	0.29
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/14/82-04/17/97	21	0.1	0.15	0.3	0.07	0.004	0.062	0.092	0.1	0.2	0.2
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/14/82-04/17/97	21	2.1	2.014	2.6	0.6	0.271	0.521	0.98	1.8	2.4	2.58
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/16/83-05/14/93	18	0.12	0.122	0.18	0.08	0.001	0.026	0.098	0.108	0.123	0.171
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/16/83-04/17/97	20	1.35	1.243	2.7	0.06	0.733	0.856	0.1	0.425	1.875	2.58
01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/16/83-12/15/92	15	12.	15.067	47.	3.	155.781	12.481	3.	6.	19.	39.2
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/19/82-12/15/92	12	10.	13.583	29.	4.	72.811	8.533	4.6	6.25	21.5	28.1
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	04/16/83-04/17/97	21	0.04	0.068	0.37	0.004	0.007	0.086	0.005	0.02	0.08	0.212
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/14/82-04/17/97	21	0.5	0.496	1.4	0.04	0.119	0.345	0.04	0.2	0.65	0.96

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: ROMO0223

NPS Station ID: ROMO0223
LAT/LON: 40.277837/-105.668365
Agency: 11NPSWRD
Date Created: 06/30/99
Location: MIDDLE OF SKY POND AT THE SURFACE
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): ROMO_JB_SKYLS
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MCHENRYS PEAK CO 7.5' (TOPOGRAPHICAL) SERIES QUADRANGLE. THE SITE IS AT THE MIDDLE OF SKY POND AT THE SURFACE AND IS LOCATED IN ROCKY MOUNTAIN NATIONAL PARK. DATA WERE COLLECTED FOR THE LOCH VALE WATERSHED STUDY; A LONG TERM MONITORING STUDY FOR THE NATIONAL ATMOSPHERIC DEPOSITION PROGRAM/NATIONAL ACID PRECIPITATION ASSESSMENT PROGRAM (NADP/NAPAP). THE NADP/NAPAP MONITORS WATER QUALITY OF SENSITIVE ENVIRONMENTS FOR CHANGES DUE TO ACID PRECIPITATION. JILL BARON IS THE PROJECT CONTACT FOR THE STUDY AT THE NATURAL RESOURCES ECOLOGY LABORATORY AT COLORADO STATE UNIVERSITY IN FORT COLLINS CO 8052 (TEL. 970-491-1968). FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0223

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/20/82-04/17/97	71	2.	3.268	10.	0.	8.809	2.968	0.	1.	6.	7.9
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/14/82-04/17/97	83	13.	12.783	24.	0.	20.538	4.532	7.	9.	15.	19.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/06/82-04/17/97	75	14.	13.933	34.	6.	23.82	4.881	8.	10.	17.	20.
00403	PH, LAB, STANDARD UNITS SU	12/06/82-04/17/97	56	6.7	6.707	7.5	5.8	0.115	0.339	6.3	6.5	6.9	7.3
00403	CONVERTED PH, LAB, STANDARD UNITS	12/06/82-04/17/97	56	6.7	6.581	7.5	5.8	0.131	0.362	6.3	6.5	6.9	7.3
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/06/82-04/17/97	56	0.2	0.262	1.585	0.032	0.057	0.239	0.05	0.126	0.316	0.501
00406	PH, FIELD, STANDARD UNITS SU	06/14/82-04/17/97	84	6.51	6.54	7.5	5.8	0.099	0.315	6.2	6.328	6.7	6.955
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/14/82-04/17/97	84	6.51	6.432	7.5	5.8	0.111	0.333	6.2	6.328	6.7	6.955
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/14/82-04/17/97	84	0.309	0.369	1.585	0.032	0.088	0.297	0.111	0.2	0.471	0.631
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	06/14/82-04/17/97	78	0.04	0.047	0.14	0.01	0.001	0.023	0.02	0.03	0.06	0.071
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	06/14/82-12/15/92	57	0.01	0.057	1.198	0.003	0.048	0.219	0.005	0.007	0.016	0.047
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	06/14/82-04/17/97	76	0.003	0.008	0.06	0.	0.	0.009	0.003	0.003	0.01	0.02
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	02/15/83-04/17/97	47	0.8	0.885	2.8	0.3	0.237	0.486	0.48	0.5	1.	1.6
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/14/82-04/17/97	86	1.5	1.479	2.8	0.2	0.282	0.531	0.8	1.	1.9	2.1
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/14/82-04/17/97	86	0.2	0.206	0.4	0.06	0.006	0.077	0.1	0.2	0.3	0.3
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/14/82-04/17/97	86	0.42	0.455	0.9	0.2	0.029	0.171	0.247	0.3	0.6	0.7
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/14/82-04/17/97	86	0.165	0.173	0.37	0.06	0.004	0.063	0.097	0.13	0.21	0.25
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/14/82-04/17/97	87	0.1	0.157	1.	0.	0.018	0.136	0.068	0.09	0.2	0.3
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/14/82-04/17/97	85	1.7	1.849	5.1	0.5	0.59	0.768	0.9	1.3	2.4	2.84

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: ROMO0223

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/06/82-05/14/93	69	0.1	0.1	0.17	0.	0.001	0.031	0.07	0.08	0.12	0.14
00955	SILICA, DISSOLVED (MG/L AS SI02)	11/02/82-04/17/97	76	1.3	1.428	3.2	0.2	0.528	0.726	0.57	1.	1.95	2.63
01046	IRON, DISSOLVED (UG/L AS FE)	12/06/82-12/15/92	67	13.	20.045	98.	2.	334.619	18.293	6.	9.	25.	35.6
01056	MANGANESE, DISSOLVED (UG/L AS MN)	12/06/82-12/15/92	67	2.	3.542	22.	1.	15.382	3.922	1.	1.	4.6	7.
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/19/82-03/15/93	61	15.	20.576	90.	0.04	344.166	18.552	3.	8.5	27.5	40.
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	04/16/83-04/17/97	75	0.02	0.045	0.56	0.	0.006	0.076	0.003	0.01	0.05	0.1
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/14/82-04/17/97	83	1.2	1.207	3.1	0.009	0.451	0.672	0.44	0.7	1.6	2.22

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0223

				Total	Exceed	Prop.	----------6/10-10/31----------			----------11/01-4/10----------			----------4/11-6/09----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00403	PH, LAB	Fresh Chronic	9.	56	0	0.00	17	0	0.00	25	0	0.00	14	0	0.00			
		Other-Lo Lim.	6.5	56	18	0.32	17	4	0.24	25	9	0.36	14	5	0.36			
00406	PH, FIELD	Fresh Chronic	9.	84	0	0.00	35	0	0.00	27	0	0.00	22	0	0.00			
		Other-Lo Lim.	6.5	84	41	0.49	35	15	0.43	27	13	0.48	22	13	0.59			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	57	2	0.04	30	2	0.07	17	0	0.00	10	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	87	0	0.00	36	0	0.00	29	0	0.00	22	0	0.00			
		Drinking Water	250.	87	0	0.00	36	0	0.00	29	0	0.00	22	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	85	0	0.00	34	0	0.00	29	0	0.00	22	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	69	0	0.00	28	0	0.00	22	0	0.00	19	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	83	0	0.00	33	0	0.00	28	0	0.00	22	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1982 - Station ROMO0223

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00406	PH, FIELD, STANDARD UNITS SU	06/14/82-04/17/97	9	6.62	6.593	6.96	6.11	0.061	0.247	6.11	6.445	6.72	6.96
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/14/82-04/17/97	9	6.62	6.524	6.96	6.11	0.066	0.258	6.11	6.445	6.72	6.96
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/14/82-04/17/97	9	0.24	0.299	0.776	0.11	0.042	0.205	0.11	0.191	0.374	0.776
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	06/14/82-04/17/97	9	0.003	0.005	0.02	0.003	0.	0.006	0.003	0.003	0.003	0.02
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/14/82-04/17/97	9	1.1	1.267	2.1	0.6	0.323	0.568	0.6	0.8	1.9	2.1
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/14/82-04/17/97	9	0.2	0.178	0.3	0.1	0.007	0.083	0.1	0.1	0.25	0.3
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/14/82-04/17/97	9	0.29	0.382	0.7	0.21	0.031	0.177	0.21	0.24	0.545	0.7
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/14/82-04/17/97	9	0.11	0.146	0.32	0.06	0.008	0.09	0.06	0.075	0.225	0.32
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/14/82-04/17/97	9	0.3	0.338	1.	0.05	0.082	0.286	0.05	0.145	0.45	1.
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/14/82-04/17/97	9	1.5	1.6	3.1	0.5	0.725	0.851	0.5	0.8	2.2	3.1
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/14/82-04/17/97	9	1.2	1.047	2.7	0.009	0.64	0.8	0.009	0.355	1.2	2.7

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station ROMO0223

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00406	PH, FIELD, STANDARD UNITS SU	06/14/82-04/17/97	10	6.5	6.406	6.8	5.8	0.121	0.348	5.82	6.12	6.7	6.79
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/14/82-04/17/97	10	6.489	6.275	6.8	5.8	0.14	0.374	5.82	6.12	6.7	6.79
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/14/82-04/17/97	10	0.325	0.531	1.585	0.158	0.215	0.463	0.163	0.2	0.769	1.526
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	06/14/82-04/17/97	10	0.01	0.015	0.06	0.006	0.	0.017	0.006	0.006	0.02	0.056
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/14/82-04/17/97	10	1.05	1.19	1.9	0.2	0.312	0.559	0.26	0.8	1.725	1.89
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/14/82-04/17/97	10	0.2	0.167	0.2	0.07	0.003	0.054	0.073	0.1	0.2	0.2
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/14/82-04/17/97	10	0.35	0.41	0.6	0.2	0.03	0.173	0.2	0.275	0.6	0.6
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/14/82-04/17/97	10	0.15	0.169	0.34	0.08	0.005	0.074	0.082	0.123	0.213	0.328
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/14/82-04/17/97	10	0.1	0.156	0.6	0.005	0.032	0.179	0.008	0.03	0.225	0.57
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/14/82-04/17/97	10	1.5	1.98	5.1	0.9	1.582	1.258	0.92	1.1	2.5	4.84
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/14/82-04/17/97	10	0.8	0.86	1.5	0.2	0.165	0.406	0.24	0.6	1.2	1.5

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Annual Analysis for 1984 - Station ROMO0223

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00406	PH, FIELD, STANDARD UNITS SU	06/14/82-04/17/97	12	6.5	6.5	7.2	5.8	0.1	0.316	5.95	6.4	6.6	7.05
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/14/82-04/17/97	12	6.5	6.388	7.2	5.8	0.114	0.337	5.95	6.4	6.6	7.05
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/14/82-04/17/97	12	0.316	0.409	1.585	0.063	0.149	0.386	0.104	0.251	0.398	1.26
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	06/14/82-04/17/97	10	0.006	0.01	0.02	0.	0.	0.008	0.	0.005	0.02	0.02
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/14/82-04/17/97	11	1.4	1.418	2.2	0.8	0.164	0.405	0.84	1.2	1.5	2.16
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/14/82-04/17/97	11	0.2	0.196	0.3	0.06	0.005	0.07	0.068	0.2	0.2	0.3
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/14/82-04/17/97	11	0.4	0.427	0.6	0.3	0.01	0.101	0.3	0.4	0.5	0.6
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/14/82-04/17/97	11	0.17	0.175	0.23	0.11	0.002	0.041	0.112	0.14	0.21	0.226
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/14/82-04/17/97	12	0.1	0.116	0.2	0.	0.005	0.069	0.012	0.073	0.2	0.2
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/14/82-04/17/97	10	1.7	1.7	2.4	0.8	0.187	0.432	0.86	1.475	1.95	2.37
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/14/82-04/17/97	9	1.	1.078	1.9	0.2	0.319	0.565	0.2	0.6	1.6	1.9

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Annual Analysis for 1985 - Station ROMO0223

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00406	PH, FIELD, STANDARD UNITS SU	06/14/82-04/17/97	17	6.4	6.541	7.5	6.3	0.108	0.328	6.3	6.35	6.55	7.26
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/14/82-04/17/97	17	6.4	6.467	7.5	6.3	0.113	0.337	6.3	6.35	6.55	7.26

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Annual Analysis for 1985 - Station ROMO0223

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/14/82-04/17/97	17	0.398	0.342	0.501	0.032	0.02	0.142	0.057	0.284	0.45	0.501
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	06/14/82-04/17/97	16	0.007	0.01	0.02	0.003	0.	0.008	0.003	0.003	0.02	0.02
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/14/82-04/17/97	17	1.5	1.482	2.2	0.8	0.239	0.489	0.8	1.	1.95	2.12
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/14/82-04/17/97	17	0.2	0.2	0.3	0.1	0.006	0.079	0.1	0.1	0.3	0.3
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/14/82-04/17/97	17	0.4	0.41	0.6	0.2	0.013	0.115	0.256	0.31	0.5	0.576
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/14/82-04/17/97	17	0.14	0.168	0.37	0.09	0.005	0.074	0.098	0.115	0.215	0.274
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/14/82-04/17/97	17	0.1	0.112	0.2	0.07	0.002	0.043	0.078	0.09	0.1	0.2
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/14/82-04/17/97	17	1.7	1.818	3.2	0.9	0.563	0.75	0.9	1.1	2.4	2.96
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/14/82-04/17/97	16	1.25	1.363	2.6	0.4	0.491	0.7	0.47	0.925	1.675	2.6

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Annual Analysis for 1986 - Station ROMO0223

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00406	PH, FIELD, STANDARD UNITS SU	06/14/82-04/17/97	7	6.3	6.343	6.6	6.2	0.033	0.181	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/14/82-04/17/97	7	6.3	6.314	6.6	6.2	0.034	0.184	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/14/82-04/17/97	7	0.501	0.485	0.631	0.251	0.029	0.17	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	06/14/82-04/17/97	7	0.003	0.01	0.03	0.003	0.	0.011	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/14/82-04/17/97	7	1.4	1.286	1.7	0.7	0.208	0.456	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/14/82-04/17/97	7	0.2	0.169	0.2	0.09	0.003	0.054	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/14/82-04/17/97	7	0.3	0.343	0.5	0.2	0.016	0.127	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/14/82-04/17/97	7	0.16	0.159	0.25	0.09	0.003	0.053	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/14/82-04/17/97	7	0.1	0.104	0.2	0.06	0.002	0.045	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/14/82-04/17/97	7	1.7	1.429	1.9	0.7	0.256	0.506	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/14/82-04/17/97	7	1.3	1.214	1.9	0.4	0.361	0.601	**	**	**	**

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Annual Analysis for 1987 - Station ROMO0223

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00406	PH, FIELD, STANDARD UNITS SU	06/14/82-04/17/97	7	6.65	6.579	6.76	6.25	0.039	0.197	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/14/82-04/17/97	7	6.65	6.537	6.76	6.25	0.041	0.202	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/14/82-04/17/97	7	0.224	0.29	0.562	0.174	0.022	0.148	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	06/14/82-04/17/97	6	0.005	0.005	0.009	0.003	0.	0.002	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/14/82-04/17/97	7	1.1	1.3	2.3	0.8	0.333	0.577	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/14/82-04/17/97	7	0.2	0.186	0.3	0.1	0.005	0.069	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/14/82-04/17/97	7	0.32	0.393	0.61	0.24	0.021	0.145	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/14/82-04/17/97	7	0.15	0.159	0.2	0.12	0.001	0.031	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/14/82-04/17/97	7	0.1	0.109	0.2	0.08	0.002	0.041	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/14/82-04/17/97	7	1.3	1.371	2.1	0.9	0.242	0.492	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/14/82-04/17/97	7	1.1	1.086	1.9	0.6	0.221	0.471	**	**	**	**

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Annual Analysis for 1988 - Station ROMO0223

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00406	PH, FIELD, STANDARD UNITS SU	06/14/82-04/17/97	5	6.73	6.674	6.81	6.49	0.018	0.134	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/14/82-04/17/97	5	6.73	6.657	6.81	6.49	0.018	0.135	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/14/82-04/17/97	5	0.186	0.22	0.324	0.155	0.005	0.071	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	06/14/82-04/17/97	5	0.003	0.005	0.009	0.003	0.	0.003	**	**	**	**

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Annual Analysis for 1988 - Station ROMO0223

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/14/82-04/17/97	6	1.15	1.233	1.9	0.8	0.195	0.441	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/14/82-04/17/97	6	0.2	0.183	0.3	0.1	0.006	0.075	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/14/82-04/17/97	6	0.35	0.395	0.59	0.25	0.019	0.139	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/14/82-04/17/97	6	0.13	0.137	0.2	0.09	0.002	0.042	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/14/82-04/17/97	6	0.1	0.105	0.2	0.06	0.002	0.05	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/14/82-04/17/97	6	1.45	1.517	2.3	0.9	0.302	0.549	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/14/82-04/17/97	6	1.1	1.083	1.5	0.7	0.13	0.36	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station ROMO0223

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00406	PH, FIELD, STANDARD UNITS SU	06/14/82-04/17/97	3	6.53	6.587	6.79	6.44	0.033	0.182	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/14/82-04/17/97	3	6.53	6.563	6.79	6.44	0.034	0.184	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/14/82-04/17/97	3	0.295	0.273	0.363	0.162	0.01	0.102	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	06/14/82-04/17/97	3	0.01	0.011	0.02	0.003	0.	0.009	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/14/82-04/17/97	3	2.	2.1	2.5	1.8	0.13	0.361	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/14/82-04/17/97	3	0.3	0.267	0.3	0.2	0.003	0.058	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/14/82-04/17/97	3	0.7	0.7	0.9	0.5	0.04	0.2	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/14/82-04/17/97	3	0.27	0.257	0.27	0.23	0.001	0.023	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/14/82-04/17/97	3	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/14/82-04/17/97	3	2.5	2.667	3.1	2.4	0.143	0.379	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/14/82-04/17/97	3	1.6	1.6	2.5	0.7	0.81	0.9	**	**	**	**

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Annual Analysis for 1991 - Station ROMO0223

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00406	PH, FIELD, STANDARD UNITS SU	06/14/82-04/17/97	3	6.35	6.38	6.62	6.17	0.051	0.226	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/14/82-04/17/97	3	6.35	6.343	6.62	6.17	0.053	0.231	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/14/82-04/17/97	3	0.447	0.454	0.676	0.24	0.048	0.218	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	06/14/82-04/17/97	3	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/14/82-04/17/97	3	2.4	2.267	2.8	1.6	0.373	0.611	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/14/82-04/17/97	3	0.3	0.3	0.4	0.2	0.01	0.1	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/14/82-04/17/97	3	0.8	0.733	0.9	0.5	0.043	0.208	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/14/82-04/17/97	3	0.28	0.247	0.29	0.17	0.004	0.067	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/14/82-04/17/97	3	0.2	0.233	0.3	0.2	0.003	0.058	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/14/82-04/17/97	3	2.9	2.8	3.3	2.2	0.31	0.557	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/14/82-04/17/97	3	0.8	1.313	3.1	0.04	2.539	1.593	**	**	**	**

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Annual Analysis for 1992 - Station ROMO0223

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00406	PH, FIELD, STANDARD UNITS SU	06/14/82-04/17/97	1	7.15	7.15	7.15	7.15	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/14/82-04/17/97	1	7.15	7.15	7.15	7.15	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/14/82-04/17/97	1	0.071	0.071	0.071	0.071	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	06/14/82-04/17/97	2	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/14/82-04/17/97	3	2.	1.967	2.1	1.8	0.023	0.153	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/14/82-04/17/97	3	0.3	0.267	0.3	0.2	0.003	0.058	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station ROMO0223

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/14/82-04/17/97	3	0.71	0.703	0.8	0.6	0.01	0.1	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/14/82-04/17/97	3	0.21	0.213	0.24	0.19	0.001	0.025	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/14/82-04/17/97	3	0.2	0.267	0.4	0.2	0.013	0.115	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/14/82-04/17/97	3	2.5	2.533	2.6	2.5	0.003	0.058	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/14/82-04/17/97	3	2.3	2.1	2.4	1.6	0.19	0.436	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station ROMO0223

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00406	PH, FIELD, STANDARD UNITS SU	06/14/82-04/17/97	3	6.95	6.847	7.02	6.57	0.059	0.242	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/14/82-04/17/97	3	6.95	6.799	7.02	6.57	0.062	0.249	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/14/82-04/17/97	3	0.112	0.159	0.269	0.095	0.009	0.096	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/14/82-04/17/97	3	2.1	2.1	2.2	2.	0.01	0.1	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/14/82-04/17/97	3	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/14/82-04/17/97	3	0.67	0.663	0.73	0.59	0.005	0.07	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/14/82-04/17/97	3	0.23	0.233	0.24	0.23	0.	0.006	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/14/82-04/17/97	3	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/14/82-04/17/97	3	2.6	2.633	2.8	2.5	0.023	0.153	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/14/82-04/17/97	3	2.1	2.067	2.1	2.	0.003	0.058	**	**	**	**

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Annual Analysis for 1994 - Station ROMO0223

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00406	PH, FIELD, STANDARD UNITS SU	06/14/82-04/17/97	3	6.93	6.83	7.05	6.51	0.08	0.284	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/14/82-04/17/97	3	6.93	6.765	7.05	6.51	0.087	0.295	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/14/82-04/17/97	3	0.117	0.172	0.309	0.089	0.014	0.12	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	06/14/82-04/17/97	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/14/82-04/17/97	3	1.9	1.9	1.9	1.9	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/14/82-04/17/97	3	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/14/82-04/17/97	3	0.62	0.617	0.7	0.53	0.007	0.085	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/14/82-04/17/97	3	0.19	0.19	0.2	0.18	0.	0.01	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/14/82-04/17/97	3	0.1	0.133	0.2	0.1	0.003	0.058	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/14/82-04/17/97	3	2.4	2.333	2.4	2.2	0.013	0.115	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/14/82-04/17/97	3	1.3	1.267	1.7	0.8	0.203	0.451	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1995 - Station ROMO0223

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00406	PH, FIELD, STANDARD UNITS SU	06/14/82-04/17/97	1	7.36	7.36	7.36	7.36	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/14/82-04/17/97	1	7.36	7.36	7.36	7.36	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/14/82-04/17/97	1	0.044	0.044	0.044	0.044	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	06/14/82-04/17/97	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/14/82-04/17/97	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/14/82-04/17/97	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/14/82-04/17/97	1	0.61	0.61	0.61	0.61	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/14/82-04/17/97	1	0.16	0.16	0.16	0.16	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/14/82-04/17/97	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**

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Annual Analysis for 1995 - Station ROMO0223

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/14/82-04/17/97	1	2.2	2.2	2.2	2.2	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/14/82-04/17/97	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**

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Annual Analysis for 1996 - Station ROMO0223

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00406	PH, FIELD, STANDARD UNITS SU	06/14/82-04/17/97	2	6.015	6.015	6.23	5.8	0.092	0.304	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/14/82-04/17/97	2	5.964	5.964	6.23	5.8	0.098	0.313	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/14/82-04/17/97	2	1.087	1.087	1.585	0.589	0.496	0.704	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	06/14/82-04/17/97	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/14/82-04/17/97	2	1.5	1.5	1.6	1.4	0.02	0.141	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/14/82-04/17/97	2	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/14/82-04/17/97	2	0.47	0.47	0.53	0.41	0.007	0.085	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/14/82-04/17/97	2	0.145	0.145	0.16	0.13	0.	0.021	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/14/82-04/17/97	2	0.08	0.08	0.09	0.07	0.	0.014	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/14/82-04/17/97	2	1.65	1.65	1.7	1.6	0.005	0.071	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/14/82-04/17/97	2	0.45	0.45	0.8	0.1	0.245	0.495	**	**	**	**

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Annual Analysis for 1997 - Station ROMO0223

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00406	PH, FIELD, STANDARD UNITS SU	06/14/82-04/17/97	1	6.51	6.51	6.51	6.51	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/14/82-04/17/97	1	6.51	6.51	6.51	6.51	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/14/82-04/17/97	1	0.309	0.309	0.309	0.309	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	06/14/82-04/17/97	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/14/82-04/17/97	1	1.9	1.9	1.9	1.9	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/14/82-04/17/97	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/14/82-04/17/97	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/14/82-04/17/97	1	0.16	0.16	0.16	0.16	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/14/82-04/17/97	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/14/82-04/17/97	1	2.	2.	2.	2.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/14/82-04/17/97	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**

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Seasonal Analysis for Season #1: 6/10 to 10/31 - Station ROMO0223

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/20/82-04/17/97	32	6.	5.975	10.	1.	5.188	2.278	2.	5.	7.5	9.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/14/82-04/17/97	35	9.	9.057	14.	6.	4.114	2.028	7.	7.	10.	12.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/06/82-04/17/97	28	9.	9.5	13.	6.	3.741	1.934	7.	8.	11.	12.1
00403	PH, LAB, STANDARD UNITS SU	12/06/82-04/17/97	17	6.7	6.8	7.5	6.3	0.143	0.377	6.38	6.55	7.1	7.5
00403	CONVERTED PH, LAB, STANDARD UNITS	12/06/82-04/17/97	17	6.7	6.68	7.5	6.3	0.158	0.397	6.38	6.55	7.1	7.5
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/06/82-04/17/97	17	0.2	0.209	0.501	0.032	0.017	0.132	0.032	0.088	0.284	0.419
00406	PH, FIELD, STANDARD UNITS SU	06/14/82-04/17/97	35	6.6	6.558	7.2	6.	0.053	0.23	6.26	6.4	6.7	6.76
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/14/82-04/17/97	35	6.6	6.499	7.2	6.	0.056	0.237	6.26	6.4	6.7	6.76
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/14/82-04/17/97	35	0.251	0.317	1.	0.063	0.033	0.181	0.174	0.2	0.398	0.553
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	06/14/82-04/17/97	29	0.03	0.028	0.05	0.01	0.	0.009	0.02	0.02	0.03	0.04
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	06/14/82-12/15/92	30	0.01	0.089	1.198	0.003	0.09	0.3	0.003	0.007	0.014	0.022
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	06/14/82-04/17/97	34	0.003	0.005	0.02	0.	0.	0.004	0.003	0.003	0.006	0.009
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	02/15/83-04/17/97	18	0.65	0.906	2.8	0.4	0.375	0.612	0.4	0.5	1.2	1.72
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/14/82-04/17/97	35	0.9	0.969	2.	0.2	0.089	0.298	0.7	0.8	1.1	1.3
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/14/82-04/17/97	35	0.1	0.146	0.3	0.06	0.003	0.059	0.09	0.1	0.2	0.2
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/14/82-04/17/97	35	0.3	0.305	0.5	0.2	0.006	0.078	0.2	0.25	0.36	0.4
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/14/82-04/17/97	35	0.12	0.119	0.21	0.06	0.001	0.03	0.08	0.1	0.14	0.154
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/14/82-04/17/97	36	0.095	0.132	1.	0.	0.031	0.175	0.03	0.07	0.1	0.3
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/14/82-04/17/97	34	1.1	1.182	2.3	0.5	0.157	0.396	0.75	0.9	1.425	1.6
00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/06/82-05/14/93	28	0.08	0.083	0.17	0.	0.001	0.026	0.069	0.073	0.09	0.101
00955	SILICA, DISSOLVED (MG/L AS SI02)	11/02/82-04/17/97	28	1.1	1.079	1.7	0.4	0.102	0.32	0.59	0.925	1.275	1.51
01046	IRON, DISSOLVED (UG/L AS FE)	12/06/82-12/15/92	28	23.	26.786	98.	4.	553.434	23.525	5.9	13.25	27.5	76.8
01056	MANGANESE, DISSOLVED (UG/L AS MN)	12/06/82-12/15/92	28	1.25	2.289	16.	1.	8.445	2.906	1.	1.	2.35	4.43
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/19/82-03/15/93	26	26.5	29.158	90.	0.04	442.496	21.036	3.524	18.75	36.25	57.6
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	04/16/83-04/17/97	29	0.02	0.024	0.13	0.001	0.001	0.028	0.003	0.006	0.03	0.05
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/14/82-04/17/97	33	0.8	0.861	1.6	0.009	0.164	0.405	0.4	0.6	1.2	1.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 4/10 - Station ROMO0223

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/20/82-04/17/97	20	1.	1.02	3.	0.	0.826	0.909	0.	0.	1.725	2.54
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/14/82-04/17/97	26	15.5	16.346	24.	11.	9.355	3.059	12.7	14.	17.5	21.3
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/06/82-04/17/97	26	17.	17.231	24.	10.	11.945	3.456	11.7	15.75	20.	22.
00403	PH, LAB, STANDARD UNITS SU	12/06/82-04/17/97	25	6.7	6.644	7.3	5.8	0.109	0.331	6.16	6.5	6.8	7.04
00403	CONVERTED PH, LAB, STANDARD UNITS	12/06/82-04/17/97	25	6.7	6.507	7.3	5.8	0.129	0.359	6.16	6.5	6.8	7.04
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/06/82-04/17/97	25	0.2	0.311	1.585	0.05	0.102	0.32	0.092	0.158	0.316	0.696
00406	PH, FIELD, STANDARD UNITS SU	06/14/82-04/17/97	27	6.51	6.537	7.36	5.8	0.118	0.344	6.15	6.3	6.73	7.07
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/14/82-04/17/97	27	6.51	6.417	7.36	5.8	0.133	0.365	6.15	6.3	6.73	7.07
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/14/82-04/17/97	27	0.309	0.382	1.585	0.044	0.095	0.308	0.085	0.186	0.501	0.709
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	06/14/82-04/17/97	27	0.06	0.065	0.14	0.04	0.	0.022	0.04	0.05	0.07	0.094
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	06/14/82-12/15/92	17	0.013	0.023	0.102	0.003	0.001	0.025	0.006	0.007	0.032	0.063
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	06/14/82-04/17/97	23	0.003	0.006	0.02	0.	0.	0.006	0.	0.003	0.01	0.02
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	02/15/83-04/17/97	17	0.8	0.747	1.	0.3	0.035	0.187	0.46	0.65	0.9	1.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/14/82-04/17/97	29	1.9	1.941	2.8	1.2	0.114	0.338	1.6	1.7	2.15	2.4
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/14/82-04/17/97	29	0.3	0.266	0.4	0.2	0.003	0.055	0.2	0.2	0.3	0.3
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/14/82-04/17/97	29	0.6	0.624	0.9	0.4	0.015	0.121	0.5	0.53	0.7	0.8
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/14/82-04/17/97	29	0.2	0.213	0.32	0.14	0.002	0.044	0.16	0.18	0.24	0.28
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/14/82-04/17/97	29	0.2	0.178	0.4	0.07	0.008	0.088	0.09	0.1	0.2	0.3
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/14/82-04/17/97	29	2.3	2.328	3.3	1.3	0.245	0.495	1.7	1.95	2.6	3.1
00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/06/82-05/14/93	22	0.125	0.126	0.16	0.08	0.	0.021	0.093	0.12	0.14	0.16
00955	SILICA, DISSOLVED (MG/L AS SI02)	11/02/82-04/17/97	27	2.1	2.041	3.2	0.2	0.5	0.707	1.3	1.5	2.7	2.92
01046	IRON, DISSOLVED (UG/L AS FE)	12/06/82-12/15/92	21	9.	10.905	32.	2.	42.59	6.526	5.2	7.	13.	18.8
01056	MANGANESE, DISSOLVED (UG/L AS MN)	12/06/82-12/15/92	21	2.	2.981	15.	1.	8.927	2.988	1.	1.25	3.3	4.68
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/19/82-03/15/93	21	9.	9.857	40.	1.	69.629	8.344	1.2	4.	12.	18.8
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	04/16/83-04/17/97	25	0.02	0.055	0.56	0.	0.014	0.12	0.003	0.007	0.03	0.172

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 4/10 - Station ROMO0223

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/14/82-04/17/97	28	1.55	1.584	3.1	0.04	0.464	0.681	0.77	1.125	2.05	2.52

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/11 to 6/09 - Station ROMO0223

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/20/82-04/17/97	19	1.	1.074	3.	0.	0.725	0.852	0.	0.5	2.	2.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/14/82-04/17/97	22	14.	14.5	24.	0.	20.452	4.522	9.9	13.75	16.25	20.4
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/06/82-04/17/97	21	15.	15.762	34.	9.	22.99	4.795	12.2	13.5	17.5	18.8
00403	PH, LAB, STANDARD UNITS SU	12/06/82-04/17/97	14	6.7	6.707	7.3	6.3	0.091	0.302	6.3	6.475	6.925	7.2
00403	CONVERTED PH, LAB, STANDARD UNITS	12/06/82-04/17/97	14	6.7	6.619	7.3	6.3	0.1	0.316	6.3	6.475	6.925	7.2
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/06/82-04/17/97	14	0.2	0.24	0.501	0.05	0.022	0.148	0.065	0.119	0.337	0.501
00406	PH, FIELD, STANDARD UNITS SU	06/14/82-04/17/97	22	6.5	6.518	7.5	5.8	0.16	0.399	5.911	6.275	6.725	7.125
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/14/82-04/17/97	22	6.5	6.36	7.5	5.8	0.186	0.431	5.911	6.275	6.725	7.125
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/14/82-04/17/97	22	0.316	0.437	1.585	0.032	0.169	0.411	0.078	0.189	0.534	1.312
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	06/14/82-04/17/97	22	0.06	0.051	0.09	0.02	0.	0.019	0.03	0.03	0.06	0.077
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	06/14/82-12/15/92	10	0.015	0.018	0.049	0.007	0.	0.012	0.007	0.01	0.024	0.047
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	06/14/82-04/17/97	19	0.02	0.016	0.06	0.	0.	0.014	0.	0.006	0.02	0.03
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	02/15/83-04/17/97	12	0.95	1.05	2.4	0.4	0.299	0.547	0.43	0.65	1.275	2.16
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/14/82-04/17/97	22	1.7	1.682	2.1	1.	0.072	0.268	1.4	1.5	1.9	2.07
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/14/82-04/17/97	22	0.2	0.223	0.3	0.1	0.003	0.053	0.2	0.2	0.3	0.3
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/14/82-04/17/97	22	0.5	0.471	0.62	0.3	0.011	0.104	0.3	0.4	0.593	0.6
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/14/82-04/17/97	22	0.2	0.205	0.37	0.13	0.004	0.061	0.136	0.16	0.233	0.313
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/14/82-04/17/97	22	0.2	0.171	0.6	0.07	0.012	0.109	0.1	0.1	0.2	0.2
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/14/82-04/17/97	22	2.1	2.25	5.1	1.5	0.584	0.764	1.6	1.7	2.5	2.9
00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/06/82-05/14/93	19	0.09	0.093	0.15	0.02	0.001	0.027	0.06	0.08	0.11	0.12
00955	SILICA, DISSOLVED (MG/L AS SI02)	11/02/82-04/17/97	21	1.	1.105	2.2	0.2	0.402	0.634	0.32	0.6	1.6	2.1
01046	IRON, DISSOLVED (UG/L AS FE)	12/06/82-12/15/92	18	12.5	20.222	52.	6.	191.948	13.855	7.8	10.75	33.5	40.3
01056	MANGANESE, DISSOLVED (UG/L AS MN)	12/06/82-12/15/92	18	5.6	6.144	22.	1.	25.659	5.065	1.	2.75	7.	15.7
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/19/82-03/15/93	14	17.	20.714	70.	4.	297.451	17.247	4.	10.	24.25	56.
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	04/16/83-04/17/97	21	0.06	0.061	0.2	0.008	0.002	0.043	0.02	0.03	0.08	0.1
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/14/82-04/17/97	22	1.2	1.245	2.6	0.1	0.538	0.733	0.2	0.775	1.675	2.54

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: ROMO0224

NPS Station ID: ROMO0224
LAT/LON: 40.277920/-105.668254
Agency: 11NPSWRD
Date Created: 08/28/99
Location: Sky Pond at the Surface
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): ROMO_SM_GGSPS
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the McHenrys Peak CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0224

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/31/81-07/31/81	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.316	0.316	0.316	0.316	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	1	22.	22.	22.	22.	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	1	0.28	0.28	0.28	0.28	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	1	2.1	2.1	2.1	2.1	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0224

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0225

NPS Station ID: ROMO0225
LAT/LON: 40.278059/-105.666948
Agency: 112WRD
Date Created: 02/01/92
Location: LVSYN15
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 401641105400100
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC:
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 16.90
On/Off RF1:
RF3 Index: 14010001030100.00
RF3 Mile Point: 0.00
Distance from RF3: 0.08
On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0225

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403	PH, LAB, STANDARD UNITS SU	09/25/91-09/25/91	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/25/91-09/25/91	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/25/91-09/25/91	1	0.126	0.126	0.126	0.126	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/25/91-09/25/91	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/25/91-09/25/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/25/91-09/25/91	1	0.72	0.72	0.72	0.72	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/25/91-09/25/91	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/25/91-09/25/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/25/91-09/25/91	1	3.7	3.7	3.7	3.7	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/25/91-09/25/91	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/25/91-09/25/91	1	0.99	0.99	0.99	0.99	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/25/91-09/25/91	1	0.38	0.38	0.38	0.38	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/25/91-09/25/91	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/25/91-09/25/91	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/25/91-09/25/91	1	0.24	0.24	0.24	0.24	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/25/91-09/25/91	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/25/91-09/25/91	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/25/91-09/25/91	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/25/91-09/25/91	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
71870	BROMIDE (MG/L AS BR)	09/25/91-09/25/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0225

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: ROMO0225

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00950 FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0226

NPS Station ID: ROMO0226
LAT/LON: 40.278338/-105.668337
Agency: 112WRD
Date Created: 10/31/87
Location: SKY POND HYPOLIMNION - LOCH VALE
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 401642105400603
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 16.20
On/Off RF1:
RF3 Index: 14010001030000.00
RF3 Mile Point: 0.00
Distance from RF3: 0.06
On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0226

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/16/83-04/16/83	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/16/83-10/09/84	5	3.7	3.5	5.	1.5	1.945	1.395	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	06/12/84-07/29/86	21	5.	9.024	70.	0.5	230.562	15.184	2.	3.	6.5	26.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/13/83-09/13/83	1	10000.	10000.	10000.	10000.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	12/03/88-05/05/92	7	6.35	6.501	7.29	6.	0.22	0.469	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	12/03/88-05/05/92	7	6.35	6.338	7.29	6.	0.251	0.501	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/03/88-05/05/92	7	0.447	0.459	1.	0.051	0.116	0.341	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	04/23/85-07/29/86	5	6.6	6.7	7.2	6.4	0.1	0.316	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	04/23/85-07/29/86	5	6.6	6.624	7.2	6.4	0.107	0.327	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/23/85-07/29/86	5	0.251	0.237	0.398	0.063	0.017	0.131	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/16/83-04/16/83	1	75.	75.	75.	75.	0.	0.	**	**	**	**
00417	ALKALINITY,FIXED ENDPOINT TITRATION, USGS LAB MG/L	02/03/87-02/03/87	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	04/16/83-05/05/92	46	0.015	0.038	0.29	0.001	0.004	0.062	0.001	0.005	0.039	0.109
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/10/84-05/05/92	39	0.002	0.003	0.014	0.001	0.	0.003	0.001	0.002	0.004	0.007
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	04/16/83-05/05/92	28	0.115	0.105	0.3	0.005	0.008	0.088	0.005	0.006	0.168	0.252
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/10/84-05/05/92	39	0.1	0.123	0.3	0.005	0.007	0.082	0.005	0.06	0.2	0.2
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/12/84-01/21/85	10 ##	0.008	0.009	0.02	0.005	0.	0.005	0.005	0.005	0.01	0.019
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/16/83-05/05/92	46	0.005	0.012	0.05	0.001	0.	0.017	0.001	0.001	0.017	0.049
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/16/83-04/16/83	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/21/86-12/03/88	2	1.85	1.85	2.1	1.6	0.125	0.354	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	12/03/88-12/03/88	1	0.48	0.48	0.48	0.48	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	04/16/83-04/16/83	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	12/03/88-12/03/88	1	0.22	0.22	0.22	0.22	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/16/83-05/05/92	45	0.2	0.164	0.3	0.06	0.004	0.061	0.086	0.1	0.2	0.2
00945	SULFATE, TOTAL (MG/L AS SO4)	04/16/83-05/05/92	44	1.	1.341	2.	0.6	0.287	0.536	0.8	0.925	2.	2.
01046	IRON, DISSOLVED (UG/L AS FE)	08/16/83-12/04/90	16	230.	809.688	7100.	75.	3210434.896	1791.769	99.5	125.	315.	4020.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	01/21/86-03/31/87	5	160.	282.	520.	120.	41820.	204.499	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/16/83-01/21/86	2	85.	85.	160.	10.	11250.	106.066	**	**	**	**
71825	ACIDITY, TOTAL (MG/L AS H)	08/16/83-05/05/92	34	0.025	0.032	0.1	0.005	0.001	0.025	0.005	0.02	0.04	0.075
71870	BROMIDE (MG/L AS BR)	04/16/83-05/05/92	44 ##	0.005	0.011	0.05	0.	0.	0.009	0.005	0.005	0.02	0.023
72015	DEPTH TO TOP OF SAMPLE INTERVAL (FT BELOW LSD)	08/16/83-08/25/87	29	19.7	18.741	23.3	6.	16.771	4.095	13.4	18.15	21.3	22.3
72019	DEPTH TO WATER LEVEL (FEET BELOW LAND SURFACE)	02/03/87-03/31/87	2	18.185	18.185	18.37	18.	0.068	0.262	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0226

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	7	0	0.00				5	0	0.00	2	0	0.00			
		Other-Lo Lim.	6.5	7	4	0.57				5	3	0.60	2	1	0.50			
00403	PH, LAB	Fresh Chronic	9.	5	0	0.00	2	0	0.00				3	0	0.00			
		Other-Lo Lim.	6.5	5	2	0.40	2	1	0.50				3	1	0.33			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	39	0	0.00	19	0	0.00	12	0	0.00	8	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	28	0	0.00	12	0	0.00	10	0	0.00	6	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	39	0	0.00	19	0	0.00	12	0	0.00	8	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	45	0	0.00	22	0	0.00	14	0	0.00	9	0	0.00			
		Drinking Water	250.	45	0	0.00	22	0	0.00	14	0	0.00	9	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	44	0	0.00	21	0	0.00	14	0	0.00	9	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 6/10 to 10/31 - Station ROMO0226

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	04/16/83-05/05/92	23	0.009	0.011	0.047	0.001	0.	0.01	0.001	0.004	0.017	0.023
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/16/83-05/05/92	23 ##	0.002	0.011	0.05	0.001	0.	0.017	0.001	0.001	0.006	0.05
00940	CHLORIDE,TOTAL IN WATER MG/L	04/16/83-05/05/92	22	0.1	0.144	0.3	0.06	0.004	0.066	0.063	0.1	0.2	0.2
00945	SULFATE, TOTAL (MG/L AS SO4)	04/16/83-05/05/92	21	1.	1.029	2.	0.7	0.112	0.335	0.8	0.9	1.	1.8
71870	BROMIDE (MG/L AS BR)	04/16/83-05/05/92	21 ##	0.005	0.008	0.025	0.	0.	0.007	0.005	0.005	0.01	0.024

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 4/10 - Station ROMO0226

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	04/16/83-05/05/92	14	0.03	0.054	0.235	0.001	0.004	0.067	0.001	0.01	0.075	0.194
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/16/83-05/05/92	14	0.006	0.01	0.05	0.001	0.	0.013	0.001	0.003	0.015	0.034
00940	CHLORIDE,TOTAL IN WATER MG/L	04/16/83-05/05/92	14	0.2	0.171	0.2	0.09	0.002	0.048	0.095	0.1	0.2	0.2
00945	SULFATE, TOTAL (MG/L AS SO4)	04/16/83-05/05/92	14	2.	1.571	2.	1.	0.264	0.514	1.	1.	2.	2.
71870	BROMIDE (MG/L AS BR)	04/16/83-05/05/92	14 ##	0.01	0.013	0.025	0.005	0.	0.008	0.005	0.005	0.02	0.023

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/11 to 6/09 - Station ROMO0226

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	04/16/83-05/05/92	9	0.038	0.079	0.29	0.003	0.009	0.097	0.003	0.02	0.133	0.29
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/16/83-05/05/92	9	0.016	0.02	0.05	0.001	0.	0.019	0.001	0.003	0.039	0.05
00940	CHLORIDE,TOTAL IN WATER MG/L	04/16/83-05/05/92	9	0.2	0.2	0.3	0.1	0.003	0.05	0.1	0.2	0.2	0.3
00945	SULFATE, TOTAL (MG/L AS SO4)	04/16/83-05/05/92	9	2.	1.711	2.	0.6	0.331	0.575	0.6	1.4	2.	2.
71870	BROMIDE (MG/L AS BR)	04/16/83-05/05/92	9	0.01	0.014	0.05	0.005	0.	0.015	0.005	0.005	0.02	0.05

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: ROMO0227

NPS Station ID: ROMO0227
LAT/LON: 40.278338/-105.668337
Agency: 112WRD
Date Created: 10/31/87
Location: SKY POND INLET - LOCH VALE
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 401642105400600
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 10190006047502.25
RF3 Mile Point: 7.04
Distance from RF3: 0.08
On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0227

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/26/88-09/17/91	2	3.6	3.6	5.	2.2	3.92	1.98	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/17/91-09/17/91	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/14/84-07/15/86	7	3.	4.143	8.	2.	4.143	2.035	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/26/88-09/29/92	4	16.	411.	1603.	9.	631516.667	794.68	**	**	**	**
00400	PH (STANDARD UNITS)	06/26/88-09/29/92	10	6.15	6.203	6.62	5.87	0.064	0.254	5.878	6.003	6.5	6.608
00400	CONVERTED PH (STANDARD UNITS)	06/26/88-09/29/92	10	6.15	6.143	6.62	5.87	0.068	0.262	5.878	6.003	6.5	6.608
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/26/88-09/29/92	10	0.708	0.719	1.349	0.24	0.132	0.363	0.248	0.316	0.997	1.326
00403	PH, LAB, STANDARD UNITS SU	07/22/85-09/29/92	4	6.35	6.375	6.6	6.2	0.029	0.171	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/22/85-09/29/92	4	6.347	6.351	6.6	6.2	0.03	0.173	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/22/85-09/29/92	4	0.45	0.445	0.631	0.251	0.026	0.161	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/16/83-09/29/92	41	0.005	0.011	0.048	0.001	0.	0.012	0.001	0.002	0.019	0.031
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	08/14/84-09/29/92	39	0.002	0.002	0.007	0.001	0.	0.001	0.001	0.001	0.003	0.004
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/16/83-09/29/92	36	0.39	0.384	0.65	0.18	0.014	0.119	0.231	0.303	0.47	0.545
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/14/84-09/29/92	39	0.4	0.356	0.6	0.1	0.017	0.131	0.2	0.3	0.4	0.6
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/14/84-09/11/84	2	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/16/83-09/29/92	41	0.003	0.006	0.05	0.001	0.	0.01	0.001	0.002	0.006	0.009
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	08/13/91-09/29/92	2	0.3	0.3	0.4	0.2	0.02	0.141	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/13/91-09/29/92	3	1.5	1.5	1.8	1.2	0.09	0.3	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/29/92-09/29/92	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/26/88-09/29/92	4	0.4	0.358	0.5	0.13	0.032	0.179	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/13/91-09/29/92	3	0.14	0.147	0.18	0.12	0.001	0.031	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/16/83-09/29/92	41	0.1	0.121	0.8	0.06	0.014	0.117	0.06	0.08	0.1	0.2
00945	SULFATE, TOTAL (MG/L AS SO4)	08/16/83-09/29/92	41	1.	1.28	3.	0.7	0.353	0.594	0.82	1.	2.	2.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/26/88-09/29/92	4	0.095	0.09	0.11	0.06	0.	0.022	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/13/91-09/29/92	3	1.8	2.167	2.9	1.8	0.403	0.635	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/26/88-09/29/92	7	83.	66.786	130.	1.5	2920.988	54.046	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/26/88-09/29/92	2 ##	1.35	1.35	2.2	0.5	1.445	1.202	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/04/85-09/29/92	9	100.	88.	160.	5.	3136.25	56.002	5.	24.	130.	160.
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	09/04/86-09/04/86	1	2.	2.	2.	2.	0.	0.	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	09/04/86-09/04/86	1	0.301	0.301	0.301	0.301	0.	0.	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			2.								
71825	ACIDITY, TOTAL (MG/L AS H)	08/16/83-09/29/92	37	0.02	0.025	0.06	0.005	0.	0.011	0.018	0.02	0.03	0.04
71870	BROMIDE (MG/L AS BR)	08/16/83-09/29/92	41 ##	0.005	0.007	0.025	0.	0.	0.005	0.005	0.005	0.005	0.01

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0227

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	10	0	0.00	10	0	0.00									
		Other-Lo Lim.	6.5	10	9	0.90	10	9	0.90									
00403	PH, LAB	Fresh Chronic	9.	4	0	0.00	4	0	0.00									
		Other-Lo Lim.	6.5	4	3	0.75	4	3	0.75									
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	39	0	0.00	39	0	0.00									
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	36	0	0.00	36	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	39	0	0.00	39	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	41	0	0.00	41	0	0.00									
		Drinking Water	250.	41	0	0.00	41	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	41	0	0.00	41	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	4	0	0.00	4	0	0.00									
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 6/10 to 10/31 - Station ROMO0227

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/16/83-09/29/92	41	0.005	0.011	0.048	0.001	0.	0.012	0.001	0.002	0.019	0.031
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	08/14/84-09/29/92	39	0.002	0.002	0.007	0.001	0.	0.001	0.001	0.001	0.003	0.004
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/16/83-09/29/92	36	0.39	0.384	0.65	0.18	0.014	0.119	0.231	0.303	0.47	0.545
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/14/84-09/29/92	39	0.4	0.356	0.6	0.1	0.017	0.131	0.2	0.3	0.4	0.6
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/16/83-09/29/92	41	0.003	0.006	0.05	0.001	0.	0.01	0.001	0.002	0.006	0.009
00940	CHLORIDE,TOTAL IN WATER MG/L	08/16/83-09/29/92	41	0.1	0.121	0.8	0.06	0.014	0.117	0.06	0.08	0.1	0.2
00945	SULFATE, TOTAL (MG/L AS SO4)	08/16/83-09/29/92	41	1.	1.28	3.	0.7	0.353	0.594	0.82	1.	2.	2.
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/04/85-09/29/92	9	100.	88.	160.	5.	3136.25	56.002	5.	24.	130.	160.
71825	ACIDITY, TOTAL (MG/L AS H)	08/16/83-09/29/92	37	0.02	0.025	0.06	0.005	0.	0.011	0.018	0.02	0.03	0.04
71870	BROMIDE (MG/L AS BR)	08/16/83-09/29/92	41 ##	0.005	0.007	0.025	0.	0.	0.005	0.005	0.005	0.005	0.01

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: ROMO0228

NPS Station ID: ROMO0228
LAT/LON: 40.278338/-105.668337
Agency: 112WRD
Date Created: 10/31/87
Location: SKY POND METALIMNION - LOCH VALE
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 401642105400602
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 16.20
On/Off RF1:
RF3 Index: 14010001030000.00
RF3 Mile Point: 0.00
Distance from RF3: 0.06
On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0228

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/16/83-04/16/83	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	06/05/85-06/05/85	1	3.5	3.5	3.5	3.5	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	06/12/84-07/29/86	3	5.	4.667	5.	4.	0.333	0.577	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/16/83-04/16/83	1	69.	69.	69.	69.	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	04/16/83-08/24/88	44	0.012	0.019	0.22	0.001	0.001	0.034	0.002	0.006	0.018	0.031
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/10/84-08/24/88	37	0.003	0.003	0.011	0.001	0.	0.002	0.001	0.002	0.004	0.007
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	04/16/83-08/24/88	14	0.165	0.181	0.35	0.08	0.006	0.079	0.09	0.12	0.243	0.33
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/10/84-08/24/88	37	0.2	0.194	0.4	0.09	0.007	0.082	0.1	0.1	0.25	0.3
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/12/84-01/21/85	9 ##	0.005	0.007	0.01	0.005	0.	0.003	0.005	0.005	0.01	0.01
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/16/83-08/24/88	44	0.002	0.008	0.05	0.001	0.	0.015	0.001	0.001	0.005	0.04
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/28/86-05/28/86	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/16/83-04/16/83	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	04/16/83-04/16/83	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/16/83-08/24/88	9	0.1	0.132	0.2	0.06	0.004	0.066	0.06	0.065	0.2	0.2
00945	SULFATE, TOTAL (MG/L AS SO4)	04/16/83-08/24/88	9	2.	1.522	2.	0.7	0.329	0.574	0.7	1.	2.	2.
01046	IRON, DISSOLVED (UG/L AS FE)	06/24/86-08/25/87	2	120.	120.	120.	120.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/16/83-08/16/83	1	100.	100.	100.	100.	0.	0.	**	**	**	**
71825	ACIDITY, TOTAL (MG/L AS H)	08/16/83-08/24/88	3 ##	0.02	0.025	0.05	0.005	0.001	0.023	**	**	**	**
71870	BROMIDE (MG/L AS BR)	04/16/83-08/24/88	9 ##	0.005	0.014	0.025	0.005	0.	0.011	0.005	0.005	0.025	0.025
72015	DEPTH TO TOP OF SAMPLE INTERVAL (FT BELOW LSD)	08/16/83-08/25/87	34	10.5	9.782	11.6	1.6	6.249	2.5	5.6	9.6	11.275	11.5
72019	DEPTH TO WATER LEVEL (FEET BELOW LAND SURFACE)	02/03/87-03/31/87	2	8.74	8.74	11.48	6.	15.015	3.875	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0228

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	37	0	0.00	23	0	0.00	8	0	0.00	6	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	14	0	0.00	7	0	0.00	4	0	0.00	3	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	37	0	0.00	23	0	0.00	8	0	0.00	6	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	9	0	0.00	6	0	0.00	2	0	0.00	1	0	0.00			
		Drinking Water	250.	9	0	0.00	6	0	0.00	2	0	0.00	1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	9	0	0.00	6	0	0.00	2	0	0.00	1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0229

NPS Station ID: ROMO0229
LAT/LON: 40.278338/-105.668337
Agency: 112WRD
Date Created: 10/31/87
Location: SKY POND OUTLET - LOCH VALE
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 401642105400604
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 16.20
On/Off RF1:
RF3 Index: 14010001030000.00
RF3 Mile Point: 0.00
Distance from RF3: 0.06
On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0229

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/17/91-09/17/91	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/16/83-07/21/87	12	6.	6.	11.	2.	9.273	3.045	2.3	3.	9.	10.4
00080	COLOR (PLATINUM-COBALT UNITS)	06/13/84-07/29/86	15	3.	3.833	10.	0.5	4.631	2.152	1.4	3.	5.	7.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/17/91-09/17/91	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/29/89-06/23/92	12	6.45	6.493	6.93	6.09	0.063	0.251	6.138	6.29	6.658	6.912
00400	CONVERTED PH (STANDARD UNITS)	08/29/89-06/23/92	12	6.448	6.431	6.93	6.09	0.067	0.26	6.138	6.29	6.657	6.912
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/29/89-06/23/92	12	0.356	0.371	0.813	0.117	0.04	0.2	0.123	0.22	0.514	0.738
00403	PH, LAB, STANDARD UNITS SU	06/05/85-07/29/86	4	6.6	6.625	6.7	6.6	0.003	0.05	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/05/85-07/29/86	4	6.6	6.623	6.7	6.6	0.003	0.05	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/05/85-07/29/86	4	0.251	0.238	0.251	0.2	0.001	0.026	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/16/83-09/29/92	47	0.012	0.016	0.071	0.001	0.	0.014	0.002	0.006	0.025	0.031
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/24/84-09/29/92	42	0.003	0.004	0.01	0.001	0.	0.002	0.001	0.002	0.004	0.006
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/16/83-09/29/92	34	0.24	0.267	0.5	0.005	0.017	0.129	0.125	0.158	0.373	0.46
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/24/84-09/29/92	42	0.2	0.252	0.4	0.1	0.012	0.109	0.1	0.2	0.4	0.4
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/13/84-10/09/84	7	0.01	0.008	0.01	0.005	0.	0.003	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/16/83-09/29/92	47 ##	0.001	0.004	0.05	0.001	0.	0.01	0.001	0.001	0.004	0.005
00940	CHLORIDE,TOTAL IN WATER MG/L	08/16/83-09/29/92	46	0.1	0.135	0.3	0.05	0.004	0.064	0.06	0.1	0.2	0.2
00945	SULFATE, TOTAL (MG/L AS SO4)	08/16/83-09/29/92	47	1.	1.385	2.	0.5	0.294	0.542	0.88	1.	2.	2.
01046	IRON, DISSOLVED (UG/L AS FE)	08/04/87-08/11/87	2	290.	290.	420.	160.	33800.	183.848	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/16/83-08/11/87	3	160.	160.	220.	100.	3600.	60.	**	**	**	**
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	09/22/87-09/22/87	1	99.	99.	99.	99.	0.	0.	**	**	**	**
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	09/22/87-09/22/87	1	1.996	1.996	1.996	1.996	0.	0.	**	**	**	**
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			99.								
71825	ACIDITY, TOTAL (MG/L AS H)	08/16/83-09/29/92	38	0.02	0.025	0.05	0.005	0.	0.009	0.019	0.02	0.03	0.04
71870	BROMIDE (MG/L AS BR)	08/16/83-09/29/92	47 ##	0.005	0.021	0.64	0.	0.009	0.092	0.005	0.005	0.01	0.02

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0229

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	12	0	0.00	12	0	0.00									
		Other-Lo Lim.	6.5	12	7	0.58	12	7	0.58									
00403	PH, LAB	Fresh Chronic	9.	4	0	0.00	3	0	0.00				1	0	0.00			
		Other-Lo Lim.	6.5	4	0	0.00	3	0	0.00				1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: ROMO0229

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	42	0	0.00	38	0	0.00				4	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	34	0	0.00	31	0	0.00				3	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	42	0	0.00	38	0	0.00				4	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	46	0	0.00	42	0	0.00				4	0	0.00			
		Drinking Water	250.	46	0	0.00	42	0	0.00				4	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	47	0	0.00	43	0	0.00				4	0	0.00			
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 6/10 to 10/31 - Station ROMO0229

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/16/83-09/29/92	43	0.012	0.016	0.071	0.001	0.	0.014	0.002	0.006	0.025	0.032
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/24/84-09/29/92	38	0.003	0.003	0.007	0.001	0.	0.002	0.001	0.002	0.004	0.006
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/16/83-09/29/92	31	0.21	0.26	0.5	0.005	0.017	0.131	0.122	0.15	0.37	0.46
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/24/84-09/29/92	38	0.2	0.245	0.4	0.1	0.012	0.108	0.1	0.2	0.325	0.4
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/16/83-09/29/92	43 ##	0.001	0.004	0.05	0.001	0.	0.01	0.001	0.001	0.004	0.005
00940	CHLORIDE,TOTAL IN WATER MG/L	08/16/83-09/29/92	42	0.1	0.126	0.3	0.05	0.003	0.059	0.06	0.098	0.2	0.2
00945	SULFATE, TOTAL (MG/L AS SO4)	08/16/83-09/29/92	43	1.	1.328	2.	0.5	0.283	0.532	0.84	0.9	2.	2.
71825	ACIDITY, TOTAL (MG/L AS H)	08/16/83-09/29/92	34	0.02	0.025	0.05	0.005	0.	0.009	0.02	0.02	0.03	0.04
71870	BROMIDE (MG/L AS BR)	08/16/83-09/29/92	43 ##	0.005	0.022	0.64	0.	0.009	0.097	0.005	0.005	0.01	0.02

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/11 to 6/09 - Station ROMO0229

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/16/83-09/29/92	4	0.02	0.017	0.027	0.001	0.	0.012	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/24/84-09/29/92	4	0.005	0.006	0.01	0.003	0.	0.003	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/16/83-09/29/92	3	0.33	0.337	0.44	0.24	0.01	0.1	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/24/84-09/29/92	4	0.35	0.325	0.4	0.2	0.009	0.096	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/16/83-09/29/92	4 ##	0.001	0.002	0.005	0.001	0.	0.002	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/16/83-09/29/92	4	0.2	0.225	0.3	0.2	0.002	0.05	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/16/83-09/29/92	4	2.	2.	2.	2.	0.	0.	**	**	**	**
71825	ACIDITY, TOTAL (MG/L AS H)	08/16/83-09/29/92	4	0.02	0.02	0.03	0.01	0.	0.008	**	**	**	**
71870	BROMIDE (MG/L AS BR)	08/16/83-09/29/92	4 ##	0.008	0.008	0.01	0.005	0.	0.003	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: ROMO0230

NPS Station ID: ROMO0230
LAT/LON: 40.278338/-105.668337
Agency: 112WRD
Date Created: 10/31/87
Location: SKY POND SURFACE - LOCH VALE
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 401642105400601
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 16.20
On/Off RF1:
RF3 Index: 14010001030000.00
RF3 Mile Point: 0.00
Distance from RF3: 0.06
On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0230

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/83-04/16/83	2	1.	1.	2.	0.	2.	1.414	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/12/84-08/14/84	2	4.6	4.6	7.2	2.	13.52	3.677	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	06/12/84-09/18/85	3	2.8	2.867	3.7	2.1	0.643	0.802	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	06/12/84-07/29/86	21	5.	4.238	7.	1.	1.99	1.411	2.	3.	5.	5.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/12/84-08/14/84	2	10.5	10.5	14.	7.	24.5	4.95	**	**	**	**
00400	PH (STANDARD UNITS)	06/12/84-02/25/92	7	6.66	6.799	7.66	6.46	0.167	0.409	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/12/84-02/25/92	7	6.66	6.691	7.66	6.46	0.181	0.425	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/12/84-02/25/92	7	0.219	0.204	0.347	0.022	0.012	0.108	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/12/84-04/30/91	10	6.7	6.26	7.6	1.3	3.129	1.769	1.82	6.575	6.9	7.53
00403	CONVERTED PH, LAB, STANDARD UNITS	06/12/84-04/30/91	10	6.7	2.3	7.6	1.3	20.553	4.534	1.82	6.575	6.9	7.53
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/12/84-04/30/91	10	0.2	5012.037	50118.723	0.025	251186813.91	15848.874	0.035	0.126	0.267	45106.883
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/15/83-04/16/83	2	65.	65.	67.	63.	8.	2.828	**	**	**	**
00417	ALKALINITY,FIXED ENDPOINT TITRATION, USGS LAB MG/L	02/03/87-02/03/87	1	3.2	3.2	3.2	3.2	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	04/16/83-12/24/91	50	0.014	0.03	0.44	0.001	0.005	0.067	0.001	0.004	0.026	0.05
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/10/84-12/24/91	44	0.003	0.004	0.016	0.001	0.	0.004	0.002	0.002	0.005	0.01
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	02/15/83-12/24/91	32	0.24	0.261	0.71	0.005	0.02	0.143	0.123	0.153	0.34	0.431
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/10/84-12/24/91	44	0.3	0.268	0.6	0.01	0.022	0.147	0.1	0.125	0.375	0.5
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/12/84-01/21/85	9	0.01	0.229	2.	0.005	0.441	0.664	0.005	0.005	0.01	2.
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	02/15/83-12/24/91	51 ##	0.002	0.009	0.05	0.001	0.	0.016	0.001	0.001	0.006	0.048
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	06/12/84-06/12/84	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/15/83-04/16/83	2	5.	5.	5.	5.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/12/84-12/03/88	3	1.5	1.3	1.6	0.8	0.19	0.436	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/12/84-08/14/84	2	0.15	0.15	0.2	0.1	0.005	0.071	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/12/84-12/03/88	3	0.4	0.407	0.52	0.3	0.012	0.11	**	**	**	**
00931	SODIUM ADSORPTION RATIO	02/15/83-04/16/83	2	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/12/84-08/14/84	2	0.14	0.14	0.18	0.1	0.003	0.057	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	02/15/83-12/24/91	49	0.2	0.165	0.3	0.06	0.003	0.059	0.1	0.1	0.2	0.2
00945	SULFATE, TOTAL (MG/L AS SO4)	02/15/83-12/24/91	48	2.	1.725	3.	0.7	0.531	0.729	0.9	1.	2.	3.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/12/84-08/14/84	2	0.085	0.085	0.09	0.08	0.	0.007	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/12/84-08/14/84	2	0.95	0.95	1.2	0.7	0.125	0.354	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	06/12/84-04/23/85	4	15.5	14.75	20.	8.	38.25	6.185	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	06/12/84-08/14/84	2 ##	1.75	1.75	3.	0.5	3.125	1.768	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	06/12/84-08/14/84	2	15.	15.	20.	10.	50.	7.071	**	**	**	**
71825	ACIDITY, TOTAL (MG/L AS H)	08/16/83-12/24/91	38	0.02	0.025	0.05	0.005	0.	0.012	0.01	0.02	0.03	0.041
71870	BROMIDE (MG/L AS BR)	02/15/83-12/24/91	48 ##	0.008	0.058	2.3	0.	0.109	0.331	0.005	0.005	0.01	0.025
72015	DEPTH TO TOP OF SAMPLE INTERVAL (FT BELOW LSD)	08/16/83-08/25/87	28	1.6	1.871	4.9	0.5	1.01	1.005	1.4	1.6	1.6	3.45
72019	DEPTH TO WATER LEVEL (FEET BELOW LAND SURFACE)	02/03/87-03/31/87	2	3.14	3.14	3.28	3.	0.039	0.198	**	**	**	**
82086	SULFUR-34/SULFUR-32 STABLE ISOTOPE RATIO PER MIL	11/14/89-11/14/89	1	4.5	4.5	4.5	4.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0230

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	7	0	0.00	2	0	0.00	5	0	0.00						
		Other-Lo Lim.	6.5	7	1	0.14	2	0	0.00	5	1	0.20						
00403	PH, LAB	Fresh Chronic	9.	10	0	0.00	5	0	0.00				5	0	0.00			
		Other-Lo Lim.	6.5	10	2	0.20	5	1	0.20				5	1	0.20			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	44	0	0.00	21	0	0.00	15	0	0.00	8	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	32	0	0.00	13	0	0.00	14	0	0.00	5	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	44	0	0.00	21	0	0.00	15	0	0.00	8	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	49	0	0.00	22	0	0.00	18	0	0.00	9	0	0.00			
		Drinking Water	250.	49	0	0.00	22	0	0.00	18	0	0.00	9	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	48	0	0.00	21	0	0.00	18	0	0.00	9	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	2	0	0.00	2	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 6/10 to 10/31 - Station ROMO0230

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	04/16/83-12/24/91	24	0.011	0.013	0.05	0.001	0.	0.012	0.001	0.004	0.019	0.031
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/10/84-12/24/91	21	0.003	0.003	0.007	0.001	0.	0.002	0.001	0.002	0.004	0.005
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	02/15/83-12/24/91	13	0.17	0.187	0.31	0.1	0.005	0.068	0.112	0.135	0.24	0.306
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/10/84-12/24/91	21	0.2	0.167	0.3	0.01	0.007	0.085	0.092	0.1	0.2	0.3
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	02/15/83-12/24/91	24 ##	0.002	0.009	0.05	0.001	0.	0.016	0.001	0.001	0.005	0.045
00940	CHLORIDE,TOTAL IN WATER MG/L	02/15/83-12/24/91	22	0.1	0.122	0.2	0.06	0.003	0.05	0.07	0.1	0.2	0.2
00945	SULFATE, TOTAL (MG/L AS SO4)	02/15/83-12/24/91	21	1.	1.086	2.	0.7	0.152	0.39	0.82	0.9	1.	2.
71825	ACIDITY, TOTAL (MG/L AS H)	08/16/83-12/24/91	16	0.02	0.023	0.05	0.005	0.	0.011	0.005	0.02	0.03	0.036
71870	BROMIDE (MG/L AS BR)	02/15/83-12/24/91	22 ##	0.005	0.008	0.025	0.	0.	0.007	0.002	0.005	0.01	0.024

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 4/10 - Station ROMO0230

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	04/16/83-12/24/91	17	0.011	0.048	0.44	0.001	0.013	0.113	0.001	0.003	0.021	0.261
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/10/84-12/24/91	15	0.004	0.006	0.016	0.001	0.	0.005	0.002	0.002	0.009	0.015
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	02/15/83-12/24/91	14	0.34	0.338	0.71	0.005	0.029	0.172	0.062	0.248	0.418	0.635
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/10/84-12/24/91	15	0.4	0.387	0.6	0.2	0.014	0.119	0.26	0.3	0.5	0.6
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	02/15/83-12/24/91	18 ##	0.002	0.008	0.05	0.001	0.	0.016	0.001	0.001	0.005	0.05
00940	CHLORIDE,TOTAL IN WATER MG/L	02/15/83-12/24/91	18	0.2	0.194	0.3	0.1	0.002	0.042	0.1	0.2	0.2	0.21
00945	SULFATE, TOTAL (MG/L AS SO4)	02/15/83-12/24/91	18	2.	2.167	3.	1.	0.265	0.514	1.9	2.	2.25	3.
71825	ACIDITY, TOTAL (MG/L AS H)	08/16/83-12/24/91	14	0.025	0.027	0.05	0.005	0.	0.011	0.013	0.02	0.033	0.045
71870	BROMIDE (MG/L AS BR)	02/15/83-12/24/91	17 ##	0.005	0.145	2.3	0.005	0.308	0.555	0.005	0.005	0.018	0.484

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/11 to 6/09 - Station ROMO0230

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	04/16/83-12/24/91	9	0.048	0.04	0.075	0.014	0.	0.019	0.014	0.023	0.049	0.075
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/10/84-12/24/91	8	0.005	0.006	0.015	0.002	0.	0.004	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	02/15/83-12/24/91	5	0.21	0.238	0.4	0.16	0.009	0.095	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/10/84-12/24/91	8	0.3	0.313	0.5	0.1	0.021	0.146	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	02/15/83-12/24/91	9	0.007	0.011	0.05	0.001	0.	0.015	0.001	0.005	0.009	0.05
00940	CHLORIDE,TOTAL IN WATER MG/L	02/15/83-12/24/91	9	0.2	0.211	0.3	0.2	0.001	0.033	0.2	0.2	0.2	0.3
00945	SULFATE, TOTAL (MG/L AS SO4)	02/15/83-12/24/91	9	2.	2.333	3.	2.	0.25	0.5	2.	2.	3.	3.
71825	ACIDITY, TOTAL (MG/L AS H)	08/16/83-12/24/91	8	0.02	0.028	0.05	0.01	0.	0.014	**	**	**	**
71870	BROMIDE (MG/L AS BR)	02/15/83-12/24/91	9	0.01	0.013	0.025	0.005	0.	0.007	0.005	0.008	0.02	0.025

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 4/10 - Station ROMO0230

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	04/16/83-12/24/91	17	0.011	0.048	0.44	0.001	0.013	0.113	0.001	0.003	0.021	0.261
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/10/84-12/24/91	15	0.004	0.006	0.016	0.001	0.	0.005	0.002	0.002	0.009	0.015
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	02/15/83-12/24/91	14	0.34	0.338	0.71	0.005	0.029	0.172	0.062	0.248	0.418	0.635
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/10/84-12/24/91	15	0.4	0.387	0.6	0.2	0.014	0.119	0.26	0.3	0.5	0.6
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	02/15/83-12/24/91	18 ##	0.002	0.008	0.05	0.001	0.	0.016	0.001	0.001	0.005	0.05
00940	CHLORIDE,TOTAL IN WATER MG/L	02/15/83-12/24/91	18	0.2	0.194	0.3	0.1	0.002	0.042	0.1	0.2	0.2	0.21
00945	SULFATE, TOTAL (MG/L AS SO4)	02/15/83-12/24/91	18	2.	2.167	3.	1.	0.265	0.514	1.9	2.	2.25	3.
71825	ACIDITY, TOTAL (MG/L AS H)	08/16/83-12/24/91	14	0.025	0.027	0.05	0.005	0.	0.011	0.013	0.02	0.033	0.045
71870	BROMIDE (MG/L AS BR)	02/15/83-12/24/91	17 ##	0.005	0.145	2.3	0.005	0.308	0.555	0.005	0.005	0.018	0.484

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/11 to 6/09 - Station ROMO0230

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	04/16/83-12/24/91	9	0.048	0.04	0.075	0.014	0.	0.019	0.014	0.023	0.049	0.075
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/10/84-12/24/91	8	0.005	0.006	0.015	0.002	0.	0.004	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	02/15/83-12/24/91	5	0.21	0.238	0.4	0.16	0.009	0.095	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/10/84-12/24/91	8	0.3	0.313	0.5	0.1	0.021	0.146	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	02/15/83-12/24/91	9	0.007	0.011	0.05	0.001	0.	0.015	0.001	0.005	0.009	0.05
00940	CHLORIDE,TOTAL IN WATER MG/L	02/15/83-12/24/91	9	0.2	0.211	0.3	0.2	0.001	0.033	0.2	0.2	0.2	0.3
00945	SULFATE, TOTAL (MG/L AS SO4)	02/15/83-12/24/91	9	2.	2.333	3.	2.	0.25	0.5	2.	2.	3.	3.
71825	ACIDITY, TOTAL (MG/L AS H)	08/16/83-12/24/91	8	0.02	0.028	0.05	0.01	0.	0.014	**	**	**	**
71870	BROMIDE (MG/L AS BR)	02/15/83-12/24/91	9	0.01	0.013	0.025	0.005	0.	0.007	0.005	0.008	0.02	0.025

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Station Inventory for Station: ROMO0231

NPS Station ID: ROMO0231
LAT/LON: 40.278338/-105.670004
Agency: 112WRD
Date Created: 02/01/92
Location: LVSYN6
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 401642105401200
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC:
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 15.80
On/Off RF1:
RF3 Index: 14010001030000.00
RF3 Mile Point: 0.00
Distance from RF3: 0.04
On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0231

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403	PH, LAB, STANDARD UNITS SU	09/25/91-09/25/91	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/25/91-09/25/91	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/25/91-09/25/91	1	0.126	0.126	0.126	0.126	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/25/91-09/25/91	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/25/91-09/25/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/25/91-09/25/91	1	0.72	0.72	0.72	0.72	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/25/91-09/25/91	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/25/91-09/25/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/25/91-09/25/91	1	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/25/91-09/25/91	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/25/91-09/25/91	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/25/91-09/25/91	1	0.24	0.24	0.24	0.24	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/25/91-09/25/91	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/25/91-09/25/91	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/25/91-09/25/91	1	0.12	0.12	0.12	0.12	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/25/91-09/25/91	1	2.9	2.9	2.9	2.9	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/25/91-09/25/91	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/25/91-09/25/91	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/25/91-09/25/91	1	10.	10.	10.	10.	0.	0.	**	**	**	**
71870	BROMIDE (MG/L AS BR)	09/25/91-09/25/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0231

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: ROMO0231

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00950 FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0232

NPS Station ID: ROMO0232 | LAT/LON: 40.278615/-105.462810 | Agency: 11NPSWRD | Date Created: 06/18/99
Location: 105852/C04332 | FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): ROMO_NURE_011 /1074029 /1118507
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 10190006 | Depth of Water: 0 | Aquifer:
Major Basin: MISSOURI RIVER | Elevation: 0 | Water Body Id:
Minor Basin: SOUTH PLATTE RIVER | ECO Region:
RF1 Index: 10190006 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE "PANORAMA PEAK COLORADO" 7.5 MINUTE SERIES QUADRANGLE. THE SITE IS AT A STREAM OUTSIDE OF ROCKY MOUNTAIN NATIONAL PARK. EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO ONE WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATA BASE: "NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SOIL; STREAM SEDIMENT; SURFACE WATER; AND GROUND WATER DATA. "UNIQID" FIELD ENTRIES WERE USED TO CREATE THE SECONDARY STATION NAMES. THE "LASLID" FIELD ENTRIES (LAB SAMPLE NUMBERS) WERE USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LAB. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND KELLI O'CONNOR; NATIONAL PARK SERVICE WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0232

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/21/76-09/21/76	1	14.2	14.2	14.2	14.2	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/21/76-09/21/76	1	80.	80.	80.	80.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/21/76-09/21/76	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/21/76-09/21/76	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/21/76-09/21/76	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/21/76-09/21/76	1	4.5	4.5	4.5	4.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0232

Parameter				Total	Exceed	Prop.	6/10-10/31			11/01-4/10			4/11-6/09			n/a		
		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0233

NPS Station ID: ROMO0233
LAT/LON: 40.278781/-105.667310
Agency: 11NPSWRD
Date Created: 04/10/99
Location: ICY BROOK BELOW SKY POND
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_NPS_BSP
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MCHENRYS PEAK; COLORADO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION BSP WAS AT ICY BROOK DOWNSTREAM OF SKY POND INSIDE OF THE ROCKY MOUNTAIN NATIONAL PARK (ROMO) BOUNDARIES. THE CREEK WAS SAMPLED AS PART OF A STUDY TO ASSESS THE IMPACT OF RECREATIONISTS ON STREAM WATER QUALITY; THE PRESENCE OR ABSENCE OF GIARDIA; AND THE IMPACT ON BACKCOUNTRY USERS WHO INGEST WATER FROM STREAMS OR LAKES IN THE LOCH VALE AND GLACIER GORGE WATERSHEDS. DATA WERE PUBLISHED IN A NATURAL RESOURCES REPORT SERIES 85-3 REPORT TITLED "FIELD SURVEY OF GIARDIA IN STREAMS AND WILDLIFE OF THE GLACIER GORGE AND LOCH VALE BASINS; ROCKY MOUNTAIN NATIONAL PARK" BY SAM KUNKLE AND NANCY COWDIN (1985). FOR MORE INFORMATION CONTACT ROMO'S CHIEF OF RESOURCES AT ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0233

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/01/84-07/23/84	1	11.	11.	11.	11.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/01/84-07/23/84	1	1.041	1.041	1.041	1.041	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			11.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/01/84-07/23/84	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/01/84-07/23/84	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/01/84-07/23/84	1	3.	3.	3.	3.	0.	0.	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/01/84-07/23/84	1	0.477	0.477	0.477	0.477	0.	0.	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			3.								
61732	GIARDIA, FILTRATION CYSTS/100 GAL	08/09/84-09/22/84	4	0.	0.275	1.1	0.	0.303	0.55	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0233

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	0	0.00	1	0	0.00									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0234

NPS Station ID: ROMO0234
LAT/LON: 40.278781/-105.667338
Agency: 11NPSWRD
Date Created: 06/30/99
Location: OUTLET STREAM FROM SKY POND
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_JB_SKYO
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MCHENRYS PEAK CO 7.5' (TOPOGRAPHICAL) SERIES QUADRANGLE. THE SITE IS AT THE OUTLET STREAM FROM SKY POND AND IS LOCATED IN ROCKY MOUNTAIN NATIONAL PARK. DATA WERE COLLECTED FOR THE LOCH VALE WATERSHED STUDY; A LONG TERM MONITORING STUDY FOR THE NATIONAL ATMOSPHERIC DEPOSITION PROGRAM/NATIONAL ACID PRECIPITATION ASSESSMENT PROGRAM (NADP/NAPAP). THE NADP/NAPAP MONITORS WATER QUALITY OF SENSITIVE ENVIRONMENTS FOR CHANGES DUE TO ACID PRECIPITATION. JILL BARON IS THE PROJECT CONTACT FOR THE STUDY AT THE NATURAL RESOURCES ECOLOGY LABORATORY AT COLORADO STATE UNIVERSITY IN FORT COLLINS CO 8052 (TEL. 970-491-1968). FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0234

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/20/82-10/07/97	51	6.5	5.969	9.5	1.	6.983	2.643	2.	4.	8.	9.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/14/82-10/07/97	79	11.	10.899	18.	6.	9.374	3.062	7.	8.	14.	15.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/07/83-10/07/97	72	10.	10.847	22.	7.	9.765	3.125	7.	9.	12.75	15.7
00403	PH, LAB, STANDARD UNITS SU	06/07/83-10/07/97	62	6.55	6.584	7.8	5.7	0.134	0.366	6.23	6.4	6.7	7.14
00403	CONVERTED PH, LAB, STANDARD UNITS	06/07/83-10/07/97	62	6.547	6.445	7.8	5.7	0.153	0.392	6.23	6.4	6.7	7.14
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/07/83-10/07/97	62	0.284	0.359	1.995	0.016	0.123	0.351	0.074	0.2	0.398	0.592
00406	PH, FIELD, STANDARD UNITS SU	06/14/82-10/07/97	82	6.56	6.529	7.3	5.9	0.068	0.26	6.2	6.395	6.7	6.781
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/14/82-10/07/97	82	6.56	6.451	7.3	5.9	0.074	0.272	6.2	6.395	6.7	6.781
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/14/82-10/07/97	82	0.275	0.354	1.259	0.05	0.056	0.236	0.166	0.2	0.403	0.631
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	06/14/82-10/07/97	77	0.03	0.029	0.06	0.008	0.	0.011	0.018	0.02	0.03	0.04
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	06/14/82-09/29/92	54	0.01	0.011	0.033	0.003	0.	0.007	0.003	0.007	0.013	0.02
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	06/14/82-10/07/97	71	0.003	0.005	0.02	0.	0.	0.005	0.	0.003	0.006	0.01
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	06/13/84-10/07/97	49	0.7	0.737	1.5	0.2	0.113	0.336	0.3	0.5	0.9	1.3
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/14/82-10/07/97	83	1.1	1.143	2.	0.6	0.115	0.339	0.8	0.8	1.4	1.6
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/14/82-10/07/97	83	0.2	0.173	0.4	0.07	0.004	0.067	0.1	0.1	0.2	0.2
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/14/82-10/07/97	83	0.32	0.349	0.52	0.2	0.007	0.085	0.244	0.29	0.4	0.466
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/14/82-10/07/97	83	0.13	0.139	0.31	0.06	0.002	0.045	0.09	0.11	0.16	0.2
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/14/82-10/07/97	83	0.1	0.117	0.6	0.	0.008	0.088	0.054	0.08	0.1	0.2
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/14/82-10/07/97	82	1.3	1.417	3.	0.7	0.208	0.456	0.9	1.	1.7	2.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: ROMO0234

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/07/83-09/27/93	60	0.09	0.092	0.15	0.05	0.	0.018	0.07	0.08	0.1	0.12
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/07/83-10/07/97	70	1.3	1.311	2.3	0.3	0.171	0.413	0.8	1.	1.6	1.9
01046	IRON, DISSOLVED (UG/L AS FE)	06/07/83-09/29/92	55	16.	20.127	86.	3.	284.187	16.858	8.	12.	21.	29.8
01056	MANGANESE, DISSOLVED (UG/L AS MN)	06/07/83-09/29/92	57	1.5	2.465	11.	1.	5.711	2.39	1.	1.	3.	5.14
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/19/82-09/27/93	54	18.	20.316	73.	0.03	186.008	13.638	9.	11.	25.25	31.5
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	06/07/83-10/07/97	74	0.02	0.024	0.11	0.	0.001	0.024	0.001	0.008	0.03	0.045
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/14/82-10/07/97	81	1.1	1.173	2.2	0.04	0.245	0.495	0.6	0.8	1.55	1.98

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0234

				Total	Exceed	Prop.	6/10-10/31			11/01-4/10			4/11-6/09			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00403	PH, LAB	Fresh Chronic	9.	62	0	0.00	58	0	0.00				4	0	0.00			
		Other-Lo Lim.	6.5	62	31	0.50	58	31	0.53				4	0	0.00			
00406	PH, FIELD	Fresh Chronic	9.	82	0	0.00	75	0	0.00				7	0	0.00			
		Other-Lo Lim.	6.5	82	36	0.44	75	33	0.44				7	3	0.43			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	54	0	0.00	49	0	0.00				5	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	83	0	0.00	76	0	0.00				7	0	0.00			
		Drinking Water	250.	83	0	0.00	76	0	0.00				7	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	82	0	0.00	75	0	0.00				7	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	60	0	0.00	54	0	0.00				6	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	81	0	0.00	74	0	0.00				7	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 6/10 to 10/31 - Station ROMO0234

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/20/82-10/07/97	46	7.	6.335	9.5	1.	6.245	2.499	2.	4.	8.075	9.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/14/82-10/07/97	72	10.	10.472	18.	6.	8.112	2.848	7.	8.	12.	14.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/07/83-10/07/97	65	10.	10.246	17.	7.	6.22	2.494	7.	8.	12.	14.
00403	PH, LAB, STANDARD UNITS SU	06/07/83-10/07/97	58	6.5	6.571	7.8	5.7	0.139	0.373	6.2	6.4	6.7	7.21
00403	CONVERTED PH, LAB, STANDARD UNITS	06/07/83-10/07/97	58	6.5	6.43	7.8	5.7	0.159	0.399	6.2	6.4	6.7	7.21
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/07/83-10/07/97	58	0.316	0.371	1.995	0.016	0.129	0.359	0.062	0.2	0.398	0.631
00406	PH, FIELD, STANDARD UNITS SU	06/14/82-10/07/97	75	6.55	6.52	7.3	5.9	0.063	0.25	6.16	6.4	6.69	6.754
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/14/82-10/07/97	75	6.55	6.446	7.3	5.9	0.068	0.261	6.16	6.4	6.69	6.754
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/14/82-10/07/97	75	0.282	0.358	1.259	0.05	0.057	0.238	0.176	0.204	0.398	0.696
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	06/14/82-10/07/97	70	0.03	0.027	0.04	0.008	0.	0.009	0.011	0.02	0.03	0.04
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	06/14/82-09/29/92	49	0.01	0.011	0.033	0.003	0.	0.006	0.003	0.007	0.013	0.02
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	06/14/82-10/07/97	66	0.003	0.004	0.02	0.	0.	0.004	0.	0.003	0.006	0.009
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	06/13/84-10/07/97	45	0.6	0.702	1.5	0.2	0.101	0.318	0.3	0.5	0.9	1.2
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/14/82-10/07/97	76	1.1	1.084	1.8	0.6	0.082	0.286	0.8	0.8	1.3	1.5
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/14/82-10/07/97	76	0.2	0.167	0.4	0.07	0.004	0.063	0.1	0.1	0.2	0.2
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/14/82-10/07/97	76	0.31	0.339	0.52	0.2	0.006	0.08	0.24	0.29	0.4	0.446
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/14/82-10/07/97	76	0.13	0.133	0.29	0.06	0.002	0.04	0.087	0.11	0.15	0.183
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/14/82-10/07/97	76	0.1	0.115	0.6	0.	0.008	0.09	0.05	0.07	0.1	0.2
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/14/82-10/07/97	75	1.3	1.344	2.4	0.7	0.151	0.389	0.9	1.	1.6	1.9
00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/07/83-09/27/93	54	0.09	0.092	0.15	0.05	0.	0.019	0.07	0.08	0.1	0.12
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/07/83-10/07/97	63	1.3	1.34	2.3	0.5	0.167	0.408	0.8	1.1	1.6	1.96
01046	IRON, DISSOLVED (UG/L AS FE)	06/07/83-09/29/92	49	16.	20.286	86.	3.	316.25	17.783	8.	11.5	21.	31.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	06/07/83-09/29/92	51	1.	2.151	11.	1.	4.544	2.132	1.	1.	2.2	4.52
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/19/82-09/27/93	49	18.	19.757	73.	0.03	152.498	12.349	9.	11.	25.5	31.
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	06/07/83-10/07/97	67	0.02	0.023	0.11	0.	0.001	0.025	0.001	0.008	0.03	0.054
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/14/82-10/07/97	74	1.1	1.129	2.2	0.04	0.23	0.48	0.6	0.7	1.5	1.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/11 to 6/09 - Station ROMO0234

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/20/82-10/07/97	5	3.	2.6	4.	1.	1.3	1.14	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/14/82-10/07/97	7	15.	15.286	17.	14.	1.238	1.113	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/07/83-10/07/97	7	16.	16.429	22.	12.	8.952	2.992	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/07/83-10/07/97	4	6.75	6.775	7.	6.6	0.029	0.171	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/07/83-10/07/97	4	6.747	6.751	7.	6.6	0.03	0.173	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/07/83-10/07/97	4	0.179	0.177	0.251	0.1	0.004	0.064	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	06/14/82-10/07/97	7	6.61	6.624	7.2	6.2	0.13	0.361	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/14/82-10/07/97	7	6.61	6.51	7.2	6.2	0.145	0.381	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/14/82-10/07/97	7	0.245	0.309	0.631	0.063	0.049	0.222	**	**	**	**
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	06/14/82-10/07/97	7	0.05	0.05	0.06	0.03	0.	0.012	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	06/14/82-09/29/92	5	0.013	0.016	0.033	0.01	0.	0.01	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	06/14/82-10/07/97	5	0.006	0.008	0.02	0.003	0.	0.007	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	06/13/84-10/07/97	4	1.1	1.125	1.5	0.8	0.109	0.33	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/14/82-10/07/97	7	1.8	1.786	2.	1.6	0.025	0.157	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/14/82-10/07/97	7	0.2	0.243	0.4	0.2	0.006	0.079	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/14/82-10/07/97	7	0.47	0.46	0.51	0.39	0.002	0.049	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/14/82-10/07/97	7	0.2	0.206	0.31	0.17	0.002	0.049	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/14/82-10/07/97	7	0.1	0.143	0.2	0.1	0.003	0.053	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/14/82-10/07/97	7	2.1	2.2	3.	1.7	0.16	0.4	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/07/83-09/27/93	6	0.1	0.097	0.11	0.08	0.	0.01	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/07/83-10/07/97	7	1.3	1.057	1.4	0.3	0.156	0.395	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	06/07/83-09/29/92	6	18.	18.833	27.	12.	30.967	5.565	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	06/07/83-09/29/92	6	4.35	5.133	8.7	2.	8.975	2.996	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/19/82-09/27/93	5	16.	25.8	68.	6.	593.2	24.356	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	06/07/83-10/07/97	7	0.03	0.025	0.04	0.003	0.	0.012	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/11 to 6/09 - Station ROMO0234

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/14/82-10/07/97	7	1.5	1.643	2.2	1.1	0.183	0.428	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: ROMO0235

NPS Station ID: ROMO0235
LAT/LON: 40.278781/-105.667338
Agency: 11NPSWRD
Date Created: 08/28/99
Location: Icy Brook Sky Pond Outlet
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_SM_GGSPO
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the McHenrys Peak CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0235

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	1	32.	32.	32.	32.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/31/81-07/31/81	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.398	0.398	0.398	0.398	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	1	7.05	7.05	7.05	7.05	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/31/81-07/31/81	1	7.05	7.05	7.05	7.05	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.089	0.089	0.089	0.089	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	1	32.	32.	32.	32.	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	1	0.007	0.007	0.007	0.007	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	1	0.23	0.23	0.23	0.23	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0235

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0236

NPS Station ID: ROMO0236 LAT/LON: 40.278948/-105.637782 Agency: 11NPSWRD Date Created: 04/10/99
Location: GLACIER CREEK ABOVE GLACIER GORGE CAMPGROUND FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): ROMO_NPS_AGC
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI RIVER Elevation: 0 Water Body Id:
Minor Basin: SOUTH PLATTE RIVER ECO Region:
RF1 Index: 10190006 RF1 Mile Point: 0.000 Distance from RF1: 12.40 On/Off RF1:
RF3 Index: 10190007002218.40 RF3 Mile Point: 18.39 Distance from RF3: 0.57 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MCHENRYS PEAK; COLORADO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION AGC WAS AT GLACIER CREEK UPSTREAM OF GLACIER GORGE CAMPGROUND INSIDE OF THE ROCKY MOUNTAIN NATIONAL PARK (ROMO) BOUNDARIES. THE CREEK WAS SAMPLED AS PART OF A STUDY TO ASSESS THE IMPACT OF RECREATIONISTS ON STREAM WATER QUALITY; THE PRESENCE OR ABSENCE OF GIARDIA; AND THE IMPACT ON BACKCOUNTRY USERS WHO INGEST WATER FROM STREAMS OR LAKES IN THE LOCH VALE AND GLACIER GORGE WATERSHEDS. DATA WERE PUBLISHED IN A NATURAL RESOURCES REPORT SERIES 85-3 REPORT TITLED "FIELD SURVEY OF GIARDIA IN STREAMS AND WILDLIFE OF THE GLACIER GORGE AND LOCH VALE BASINS; ROCKY MOUNTAIN NATIONAL PARK" BY SAM KUNKLE AND NANCY COWDIN (1985). FOR MORE INFORMATION CONTACT ROMO'S CHIEF OF RESOURCES AT ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0236

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61732 GIARDIA, FILTRATION CYSTS/100 GAL	08/06/84-10/06/84	5	0.	0.5	2.5	0.	1.25	1.118	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: ROMO0237

NPS Station ID: ROMO0237
LAT/LON: 40.279170/-105.668616
Agency: 112WRD
Date Created: 02/01/92
Location: LVSYN5
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 401645105400700
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC:
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 16.80
On/Off RF1:
RF3 Index: 14010001030100.00
RF3 Mile Point: 0.00
Distance from RF3: 0.08
On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0237

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403	PH, LAB, STANDARD UNITS SU	09/25/91-09/25/91	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/25/91-09/25/91	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/25/91-09/25/91	1	0.158	0.158	0.158	0.158	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/25/91-09/25/91	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/25/91-09/25/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/25/91-09/25/91	1	0.39	0.39	0.39	0.39	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/25/91-09/25/91	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/25/91-09/25/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/25/91-09/25/91	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/25/91-09/25/91	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/25/91-09/25/91	1	0.47	0.47	0.47	0.47	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/25/91-09/25/91	1	0.19	0.19	0.19	0.19	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/25/91-09/25/91	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/25/91-09/25/91	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/25/91-09/25/91	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/25/91-09/25/91	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/25/91-09/25/91	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/25/91-09/25/91	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/25/91-09/25/91	1	10.	10.	10.	10.	0.	0.	**	**	**	**
71870	BROMIDE (MG/L AS BR)	09/25/91-09/25/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0237

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: ROMO0237

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0238

NPS Station ID: ROMO0238 LAT/LON: 40.279893/-105.638003 Agency: 11NPSWRD Date Created: 04/10/99
Location: GLACIER CREEK BELOW GLACIER GORGE CAMPGROUND FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): ROMO_NPS_BGC
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI RIVER Elevation: 0 Water Body Id:
Minor Basin: SOUTH PLATTE RIVER ECO Region:
RF1 Index: 10190006 RF1 Mile Point: 0.000 Distance from RF1: 12.40 On/Off RF1:
RF3 Index: 10190007002218.40 RF3 Mile Point: 18.39 Distance from RF3: 0.57 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MCHENRYS PEAK; COLORADO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION BGC WAS AT GLACIER CREEK DOWNSTREAM OF GLACIER GORGE CAMPGROUND INSIDE OF THE ROCKY MOUNTAIN NATIONAL PARK (ROMO) BOUNDARIES. THE CREEK WAS SAMPLED AS PART OF A STUDY TO ASSESS THE IMPACT OF RECREATIONISTS ON STREAM WATER QUALITY; THE PRESENCE OR ABSENCE OF GIARDIA; AND THE IMPACT ON BACKCOUNTRY USERS WHO INGEST WATER FROM STREAMS OR LAKES IN THE LOCH VALE AND GLACIER GORGE WATERSHEDS. DATA WERE PUBLISHED IN A NATURAL RESOURCES REPORT SERIES 85-3 REPORT TITLED "FIELD SURVEY OF GIARDIA IN STREAMS AND WILDLIFE OF THE GLACIER GORGE AND LOCH VALE BASINS; ROCKY MOUNTAIN NATIONAL PARK" BY SAM KUNKLE AND NANCY COWDIN (1985). FOR MORE INFORMATION CONTACT ROMO'S CHIEF OF RESOURCES AT ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0238

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61732 GIARDIA, FILTRATION CYSTS/100 GAL	08/06/84-10/06/84	5	0.	0.58	2.9	0.	1.682	1.297	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: ROMO0239

NPS Station ID: ROMO0239
LAT/LON: 40.280615/-105.665531
Agency: 11NPSWRD
Date Created: 08/28/99
Location: Icy Brook Glass Lake Inlet
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_SM_GGGLI
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the McHenrys Peak CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0239

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	1	36.	36.	36.	36.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/31/81-07/31/81	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.398	0.398	0.398	0.398	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	1	6.24	6.24	6.24	6.24	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/31/81-07/31/81	1	6.24	6.24	6.24	6.24	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.575	0.575	0.575	0.575	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	1	0.23	0.23	0.23	0.23	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	1	1.9	1.9	1.9	1.9	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0239

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0240

NPS Station ID: ROMO0240
LAT/LON: 40.280643/-105.665503
Agency: 11NPSWRD
Date Created: 06/30/99
Location: INLET STREAM TO GLASS LAKE
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_JB_GLASSI
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MCHENRYS PEAK CO 7.5' (TOPOGRAPHICAL) SERIES QUADRANGLE. THE SITE IS AT THE INLET STREAM TO GLASS LAKE AND IS LOCATED IN ROCKY MOUNTAIN NATIONAL PARK. DATA WERE COLLECTED FOR THE LOCH VALE WATERSHED STUDY; A LONG TERM MONITORING STUDY FOR THE NATIONAL ATMOSPHERIC DEPOSITION PROGRAM/NATIONAL ACID PRECIPITATION ASSESSMENT PROGRAM (NADP/NAPAP). THE NADP/NAPAP MONITORS WATER QUALITY OF SENSITIVE ENVIRONMENTS FOR CHANGES DUE TO ACID PRECIPITATION. JILL BARON IS THE PROJECT CONTACT FOR THE STUDY AT THE NATURAL RESOURCES ECOLOGY LABORATORY AT COLORADO STATE UNIVERSITY IN FORT COLLINS CO 8052 (TEL. 970-491-1968). FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0240

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/29/82-10/10/84	11	2.8	4.573	9.	0.	14.708	3.835	0.1	1.	9.	9.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/08/82-10/10/84	17	11.	11.176	16.	7.	9.029	3.005	7.	8.5	13.5	16.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/07/83-10/10/84	10	12.5	12.9	22.	9.	17.878	4.228	9.	9.	14.75	21.5
00403	PH, LAB, STANDARD UNITS SU	06/07/83-10/10/84	10	6.5	6.65	7.2	6.2	0.125	0.354	6.22	6.4	6.975	7.2
00403	CONVERTED PH, LAB, STANDARD UNITS	06/07/83-10/10/84	10	6.5	6.542	7.2	6.2	0.138	0.371	6.22	6.4	6.975	7.2
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/07/83-10/10/84	10	0.316	0.287	0.631	0.063	0.033	0.183	0.063	0.11	0.398	0.608
00406	PH, FIELD, STANDARD UNITS SU	06/08/82-10/10/84	18	6.56	6.494	6.9	5.92	0.075	0.274	5.974	6.35	6.7	6.792
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/08/82-10/10/84	18	6.56	6.402	6.9	5.92	0.084	0.29	5.974	6.35	6.7	6.792
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/08/82-10/10/84	18	0.275	0.396	1.202	0.126	0.093	0.306	0.162	0.2	0.456	1.063
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	06/08/82-10/10/84	15	0.03	0.029	0.05	0.008	0.	0.012	0.015	0.02	0.04	0.05
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	06/08/82-10/10/84	9	0.005	0.007	0.02	0.003	0.	0.006	0.003	0.003	0.009	0.02
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	06/08/82-10/10/84	18	0.006	0.007	0.02	0.	0.	0.006	0.003	0.003	0.009	0.02
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/08/82-10/10/84	18	1.05	1.122	2.	0.6	0.135	0.367	0.69	0.875	1.325	1.64
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/08/82-10/10/84	18	0.2	0.199	0.4	0.09	0.007	0.085	0.099	0.1	0.225	0.31
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/08/82-10/10/84	18	0.395	0.367	0.6	0.2	0.009	0.094	0.227	0.3	0.4	0.492
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/08/82-10/10/84	18	0.135	0.162	0.33	0.07	0.005	0.069	0.097	0.128	0.198	0.303
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/08/82-10/10/84	18	0.1	0.13	0.4	0.	0.012	0.108	0.002	0.05	0.2	0.31
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/08/82-10/10/84	18	1.55	1.511	2.9	0.	0.373	0.611	0.9	1.2	1.825	2.45
00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/07/83-10/10/84	10	0.085	0.079	0.12	0.	0.001	0.032	0.007	0.07	0.1	0.118

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: ROMO0240

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/20/82-10/10/84	11	1.3	1.473	2.5	1.1	0.17	0.413	1.12	1.2	1.7	2.38
01046	IRON, DISSOLVED (UG/L AS FE)	06/07/83-10/10/84	10	24.	22.9	40.	6.	120.1	10.959	6.1	14.5	30.75	39.3
01056	MANGANESE, DISSOLVED (UG/L AS MN)	06/07/83-10/10/84	10	2.	2.7	6.	1.	4.011	2.003	1.	1.	4.5	6.
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/12/82-10/10/84	7	20.	22.873	50.	0.05	356.305	18.876	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	06/07/83-10/10/84	10	0.045	0.04	0.08	0.004	0.001	0.027	0.005	0.01	0.063	0.079
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/08/82-09/20/84	17	1.1	1.124	2.	0.	0.226	0.475	0.48	0.85	1.5	1.76

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0240

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	10	0	0.00	9	0	0.00				1	0	0.00			
		Other-Lo Lim.	6.5	10	6	0.60	9	6	0.67				1	0	0.00			
00406	PH, FIELD	Fresh Chronic	9.	18	0	0.00	16	0	0.00				2	0	0.00			
		Other-Lo Lim.	6.5	18	8	0.44	16	7	0.44				2	1	0.50			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	9	0	0.00	8	0	0.00				1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	18	0	0.00	16	0	0.00				2	0	0.00			
		Drinking Water	250.	18	0	0.00	16	0	0.00				2	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	18	0	0.00	16	0	0.00				2	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	10	0	0.00	9	0	0.00				1	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	17	0	0.00	15	0	0.00				2	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0241

NPS Station ID: ROMO0241 | LAT/LON: 40.281115/-105.458615 | Agency: 11NPSWRD | Date Created: 06/18/99
Location: 105853/C04333 | FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): ROMO_NURE_009 /1074030 /1118508
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 10190006 | Depth of Water: 0 | Aquifer:
Major Basin: MISSOURI RIVER | Elevation: 0 | Water Body Id:
Minor Basin: SOUTH PLATTE RIVER | ECO Region:
RF1 Index: 10190006 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE "PANORAMA PEAK COLORADO" 7.5 MINUTE SERIES QUADRANGLE. THE SITE IS AT A SPRING OUTSIDE OF ROCKY MOUNTAIN NATIONAL PARK. EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO ONE WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATA BASE: "NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SOIL; STREAM SEDIMENT; SURFACE WATER; AND GROUND WATER DATA. "UNIQID" FIELD ENTRIES WERE USED TO CREATE THE SECONDARY STATION NAMES. THE "LASLID" FIELD ENTRIES (LAB SAMPLE NUMBERS) WERE USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LAB. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND AND KELLI O'CONNOR; NATIONAL PARK SERVICE WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0241

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/21/76-09/21/76	1	12.3	12.3	12.3	12.3	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/21/76-09/21/76	1	100.	100.	100.	100.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/21/76-09/21/76	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/21/76-09/21/76	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/21/76-09/21/76	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/21/76-09/21/76	1	5.3	5.3	5.3	5.3	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0241

Parameter				Total	Exceed	Prop.	6/10-10/31			11/01-4/10			4/11-6/09			n/a		
		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0242

NPS Station ID: ROMO0242
LAT/LON: 40.281393/-105.662781
Agency: 112WRD
Date Created: 02/01/92
Location: LVSYN1
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 401653105394600
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC:
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 15.90
On/Off RF1:
RF3 Index: 14010001030000.00
RF3 Mile Point: 0.00
Distance from RF3: 0.07
On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0242

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403	PH, LAB, STANDARD UNITS SU	09/25/91-09/25/91	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/25/91-09/25/91	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/25/91-09/25/91	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/25/91-09/25/91	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/25/91-09/25/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/25/91-09/25/91	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/25/91-09/25/91	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/25/91-09/25/91	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/25/91-09/25/91	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/25/91-09/25/91	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/25/91-09/25/91	1	0.92	0.92	0.92	0.92	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/25/91-09/25/91	1	0.68	0.68	0.68	0.68	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/25/91-09/25/91	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/25/91-09/25/91	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/25/91-09/25/91	1	0.28	0.28	0.28	0.28	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/25/91-09/25/91	1	5.2	5.2	5.2	5.2	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/25/91-09/25/91	1	8.	8.	8.	8.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/25/91-09/25/91	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/25/91-09/25/91	1	30.	30.	30.	30.	0.	0.	**	**	**	**
71870	BROMIDE (MG/L AS BR)	09/25/91-09/25/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0242

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: ROMO0242

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00950 FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0243

NPS Station ID: ROMO0243
LAT/LON: 40.281420/-105.665060
Agency: 11NPSWRD
Date Created: 06/30/99
Location: MIDDLE OF GLASS LAKE AT BOTTOM
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): ROMO_JB_GLASSLH
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MCHENRYS PEAK CO 7.5' (TOPOGRAPHICAL) SERIES QUADRANGLE. THE SITE IS AT THE MIDDLE OF GLASS LAKE AT THE BOTTOM AND IS LOCATED IN ROCKY MOUNTAIN NATIONAL PARK. DATA WERE COLLECTED FOR THE LOCH VALE WATERSHED STUDY; A LONG TERM MONITORING STUDY FOR THE NATIONAL ATMOSPHERIC DEPOSITION PROGRAM/NATIONAL ACID PRECIPITATION ASSESSMENT PROGRAM (NADP/NAPAP). THE NADP/NAPAP MONITORS WATER QUALITY OF SENSITIVE ENVIRONMENTS FOR CHANGES DUE TO ACID PRECIPITATION. JILL BARON IS THE PROJECT CONTACT FOR THE STUDY AT THE NATURAL RESOURCES ECOLOGY LABORATORY AT COLORADO STATE UNIVERSITY IN FORT COLLINS CO 80525 (TEL. 970-491-1968). FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0243

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/03/82-08/24/88	45	4.5	5.422	10.	1.	4.451	2.11	3.	4.	7.	8.2
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/08/82-08/24/88	53	12.	13.113	21.	7.	15.564	3.945	8.	10.	17.	18.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/16/83-08/24/88	46	15.5	14.674	23.	7.	23.247	4.821	8.	10.	19.	20.3
00403	PH, LAB, STANDARD UNITS SU	04/16/83-08/24/88	31	6.8	6.842	7.6	6.3	0.117	0.342	6.4	6.5	7.1	7.3
00403	CONVERTED PH, LAB, STANDARD UNITS	04/16/83-08/24/88	31	6.8	6.724	7.6	6.3	0.131	0.363	6.4	6.5	7.1	7.3
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/16/83-08/24/88	31	0.158	0.189	0.501	0.025	0.018	0.133	0.05	0.079	0.316	0.398
00406	PH, FIELD, STANDARD UNITS SU	06/08/82-08/24/88	52	6.59	6.554	7.11	5.9	0.07	0.265	6.215	6.3	6.715	6.973
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/08/82-08/24/88	52	6.59	6.474	7.11	5.9	0.077	0.277	6.215	6.3	6.715	6.973
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/08/82-08/24/88	52	0.257	0.336	1.259	0.078	0.05	0.224	0.107	0.193	0.501	0.61
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	06/08/82-08/24/88	49	0.04	0.06	0.13	0.01	0.001	0.036	0.03	0.03	0.095	0.12
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	06/08/82-08/24/88	29	0.007	0.008	0.026	0.003	0.	0.005	0.003	0.004	0.01	0.013
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	06/08/82-08/24/88	46	0.006	0.008	0.03	0.	0.	0.007	0.003	0.003	0.009	0.02
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	04/16/83-04/16/83	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/08/82-08/24/88	53	1.4	1.506	2.5	0.7	0.35	0.591	0.8	0.9	2.1	2.3
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/08/82-08/24/88	53	0.2	0.218	0.4	0.08	0.006	0.08	0.1	0.2	0.3	0.3
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/08/82-08/24/88	53	0.4	0.447	0.8	0.2	0.028	0.166	0.254	0.305	0.6	0.7
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/08/82-08/24/88	53	0.18	0.185	0.35	0.08	0.005	0.07	0.104	0.125	0.22	0.296
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/08/82-08/24/88	53	0.1	0.166	1.	0.	0.028	0.166	0.054	0.08	0.2	0.32
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/08/82-08/24/88	53	1.6	1.685	2.9	0.	0.367	0.606	1.	1.2	2.2	2.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: ROMO0243

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/16/83-08/24/88	46	0.1	0.102	0.15	0.	0.001	0.03	0.07	0.08	0.12	0.14
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/16/83-08/24/88	46	1.1	1.133	2.4	0.3	0.179	0.423	0.6	0.8	1.3	1.73
01046	IRON, DISSOLVED (UG/L AS FE)	04/16/83-08/24/88	41	32.	32.268	85.	8.	299.201	17.297	11.4	16.5	40.	57.6
01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/16/83-08/24/88	45	3.2	7.764	42.	1.	87.426	9.35	1.	1.35	11.	18.
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/12/82-08/24/88	40	23.	21.752	66.	0.04	204.348	14.295	3.1	10.	30.	41.4
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	04/16/83-08/24/88	39	0.02	0.039	0.27	0.001	0.003	0.058	0.003	0.009	0.04	0.08
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/08/82-08/24/88	53	0.7	0.679	1.6	0.	0.242	0.492	0.04	0.1	1.15	1.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0243

				Total	Exceed	Prop.	----------6/10-10/31----------			----------11/01-4/10----------			----------4/11-6/09----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00403	PH, LAB	Fresh Chronic	9.	31	0	0.00	16	0	0.00	9	0	0.00	6	0	0.00			
		Other-Lo Lim.	6.5	31	8	0.26	16	7	0.44	9	0	0.00	6	1	0.17			
00406	PH, FIELD	Fresh Chronic	9.	52	0	0.00	29	0	0.00	11	0	0.00	12	0	0.00			
		Other-Lo Lim.	6.5	52	23	0.44	29	15	0.52	11	4	0.36	12	4	0.33			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	29	0	0.00	19	0	0.00	7	0	0.00	3	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	53	0	0.00	30	0	0.00	11	0	0.00	12	0	0.00			
		Drinking Water	250.	53	0	0.00	30	0	0.00	11	0	0.00	12	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	53	0	0.00	30	0	0.00	11	0	0.00	12	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	46	0	0.00	24	0	0.00	11	0	0.00	11	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	53	0	0.00	30	0	0.00	11	0	0.00	12	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 6/10 to 10/31 - Station ROMO0243

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/03/82-08/24/88	25	7.	6.62	10.	2.	4.23	2.057	3.52	5.5	8.	9.4
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/08/82-08/24/88	30	10.	10.2	16.	7.	5.476	2.34	7.	8.	12.	13.8
00406	PH, FIELD, STANDARD UNITS SU	06/08/82-08/24/88	29	6.5	6.505	7.	6.2	0.043	0.207	6.2	6.3	6.62	6.74
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/08/82-08/24/88	29	6.5	6.459	7.	6.2	0.045	0.212	6.2	6.3	6.62	6.74
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/08/82-08/24/88	29	0.316	0.347	0.631	0.1	0.025	0.159	0.182	0.24	0.501	0.631
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	06/08/82-08/24/88	27	0.03	0.03	0.04	0.01	0.	0.008	0.018	0.03	0.03	0.04
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	06/08/82-08/24/88	19	0.007	0.007	0.013	0.003	0.	0.003	0.003	0.003	0.01	0.01
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	06/08/82-08/24/88	26	0.003	0.005	0.02	0.	0.	0.006	0.003	0.003	0.006	0.02
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/08/82-08/24/88	30	1.	1.043	1.7	0.7	0.065	0.254	0.71	0.875	1.2	1.4
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/08/82-08/24/88	30	0.2	0.162	0.2	0.08	0.003	0.05	0.1	0.1	0.2	0.2
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/08/82-08/24/88	30	0.32	0.33	0.54	0.2	0.006	0.075	0.205	0.298	0.393	0.4
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/08/82-08/24/88	30	0.135	0.146	0.34	0.08	0.003	0.055	0.1	0.11	0.16	0.219
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/08/82-08/24/88	30	0.095	0.152	1.	0.	0.037	0.193	0.01	0.07	0.2	0.4
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/08/82-08/24/88	30	1.3	1.27	2.3	0.	0.168	0.41	0.9	1.	1.6	1.7
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/12/82-08/24/88	21	24.	24.861	66.	0.04	266.305	16.319	1.44	12.5	33.	48.6
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/08/82-08/24/88	30	0.95	0.963	1.6	0.	0.123	0.351	0.61	0.7	1.3	1.39

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 4/10 - Station ROMO0243

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/03/82-08/24/88	9	4.	4.222	5.	4.	0.132	0.363	4.	4.	4.5	5.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/08/82-08/24/88	11	17.	16.727	21.	13.	4.218	2.054	13.4	15.	18.	20.4
00406	PH, FIELD, STANDARD UNITS SU	06/08/82-08/24/88	11	6.6	6.561	7.11	5.9	0.098	0.313	5.98	6.4	6.7	7.07
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/08/82-08/24/88	11	6.6	6.449	7.11	5.9	0.112	0.335	5.98	6.4	6.7	7.07
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/08/82-08/24/88	11	0.251	0.355	1.259	0.078	0.103	0.322	0.087	0.2	0.398	1.107
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	06/08/82-08/24/88	10	0.1	0.103	0.13	0.07	0.	0.018	0.072	0.09	0.12	0.129
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	06/08/82-08/24/88	7	0.007	0.01	0.026	0.003	0.	0.008	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	06/08/82-08/24/88	10	0.008	0.009	0.02	0.003	0.	0.006	0.003	0.005	0.012	0.02
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/08/82-08/24/88	11	2.3	2.2	2.5	1.8	0.058	0.241	1.82	1.9	2.4	2.48
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/08/82-08/24/88	11	0.3	0.291	0.3	0.2	0.001	0.03	0.22	0.3	0.3	0.3
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/08/82-08/24/88	11	0.62	0.606	0.72	0.2	0.02	0.142	0.28	0.6	0.7	0.716
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/08/82-08/24/88	11	0.19	0.199	0.25	0.16	0.001	0.025	0.164	0.18	0.22	0.244
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/08/82-08/24/88	11	0.2	0.151	0.2	0.06	0.003	0.058	0.068	0.1	0.2	0.2
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/08/82-08/24/88	11	2.	2.1	2.6	1.5	0.098	0.313	1.58	1.9	2.4	2.58
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/12/82-08/24/88	11	10.	13.545	30.	1.	103.873	10.192	1.4	5.	21.	30.
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/08/82-08/24/88	11	0.04	0.148	0.4	0.04	0.023	0.15	0.04	0.04	0.3	0.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/11 to 6/09 - Station ROMO0243

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/03/82-08/24/88	11	4.	3.682	5.	1.	1.114	1.055	1.4	3.	4.	4.9
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/08/82-08/24/88	12	17.	17.083	19.	15.	1.902	1.379	15.	16.	18.	19.
00406	PH, FIELD, STANDARD UNITS SU	06/08/82-08/24/88	12	6.795	6.667	7.	6.	0.108	0.328	6.09	6.35	6.975	7.
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/08/82-08/24/88	12	6.795	6.539	7.	6.	0.126	0.355	6.09	6.35	6.975	7.
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/08/82-08/24/88	12	0.16	0.289	1.	0.1	0.071	0.267	0.1	0.106	0.455	0.85
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	06/08/82-08/24/88	12	0.09	0.091	0.12	0.05	0.	0.021	0.056	0.08	0.108	0.12
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	06/08/82-08/24/88	3	0.013	0.01	0.013	0.004	0.	0.005	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	06/08/82-08/24/88	10	0.008	0.011	0.03	0.003	0.	0.009	0.003	0.005	0.02	0.029
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/08/82-08/24/88	12	2.05	2.025	2.3	1.5	0.071	0.267	1.53	1.9	2.275	2.3
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/08/82-08/24/88	12	0.3	0.292	0.4	0.2	0.003	0.051	0.2	0.3	0.3	0.37
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/08/82-08/24/88	12	0.6	0.593	0.8	0.4	0.011	0.107	0.43	0.505	0.675	0.77

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/11 to 6/09 - Station ROMO0243

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/08/82-08/24/88	12	0.27	0.269	0.35	0.18	0.002	0.049	0.192	0.225	0.308	0.341
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/08/82-08/24/88	12	0.2	0.217	0.7	0.1	0.025	0.159	0.1	0.125	0.2	0.55
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/08/82-08/24/88	12	2.3	2.342	2.9	1.8	0.092	0.303	1.86	2.2	2.575	2.84
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/12/82-08/24/88	8	29.5	24.875	30.	4.	83.268	9.125	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/08/82-08/24/88	12	0.3	0.455	1.4	0.04	0.241	0.491	0.04	0.04	0.675	1.37

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: ROMO0244

NPS Station ID: ROMO0244
LAT/LON: 40.281420/-105.665060
Agency: 11NPSWRD
Date Created: 06/30/99
Location: MIDDLE OF GLASS LAKE AT MID-DEPTH
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): ROMO_JB_GLASSLM
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MCHENRYS PEAK CO 7.5' (TOPOGRAPHICAL) SERIES QUADRANGLE. THE SITE IS AT THE MIDDLE OF GLASS LAKE AT MID-DEPTH AND IS LOCATED IN ROCKY MOUNTAIN NATIONAL PARK. DATA WERE COLLECTED FOR THE LOCH VALE WATERSHED STUDY; A LONG TERM MONITORING STUDY FOR THE NATIONAL ATMOSPHERIC DEPOSITION PROGRAM/NATIONAL ACID PRECIPITATION ASSESSMENT PROGRAM (NADP/NAPAP). THE NADP/NAPAP MONITORS WATER QUALITY OF SENSITIVE ENVIRONMENTS FOR CHANGES DUE TO ACID PRECIPITATION. JILL BARON IS THE PROJECT CONTACT FOR THE STUDY AT THE NATURAL RESOURCES ECOLOGY LABORATORY AT COLORADO STATE UNIVERSITY IN FORT COLLINS CO 80525 (TEL. 970-491-1968). FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0244

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/03/82-05/29/84	19	4.	4.447	9.	1.	6.602	2.569	1.	2.	7.	8.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/13/82-05/29/84	21	13.	13.143	19.	7.	12.729	3.568	8.2	10.5	15.5	18.8
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/16/83-05/29/84	15	17.	16.667	23.	10.	18.095	4.254	10.	14.	20.	22.4
00403	PH, LAB, STANDARD UNITS SU	04/16/83-05/29/84	15	6.9	6.907	7.7	6.4	0.121	0.347	6.46	6.6	7.2	7.46
00403	CONVERTED PH, LAB, STANDARD UNITS	04/16/83-05/29/84	15	6.9	6.795	7.7	6.4	0.134	0.366	6.46	6.6	7.2	7.46
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/16/83-05/29/84	15	0.126	0.16	0.398	0.02	0.012	0.111	0.038	0.063	0.251	0.349
00406	PH, FIELD, STANDARD UNITS SU	07/13/82-05/29/84	21	6.6	6.555	6.9	6.	0.051	0.225	6.196	6.5	6.705	6.816
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/13/82-05/29/84	21	6.6	6.491	6.9	6.	0.055	0.235	6.196	6.5	6.705	6.816
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/13/82-05/29/84	21	0.251	0.323	1.	0.126	0.044	0.21	0.153	0.197	0.316	0.637
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	07/13/82-05/29/84	18	0.05	0.059	0.12	0.02	0.001	0.032	0.029	0.03	0.08	0.111
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/13/82-09/28/82	6	0.004	0.004	0.006	0.003	0.	0.001	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/13/82-05/29/84	20	0.006	0.007	0.02	0.003	0.	0.005	0.003	0.003	0.008	0.019
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	04/16/83-04/16/83	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/13/82-05/29/84	21	1.5	1.429	2.3	0.7	0.306	0.553	0.7	0.95	1.9	2.28
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/13/82-05/29/84	21	0.2	0.224	0.3	0.1	0.005	0.07	0.1	0.2	0.3	0.3
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/13/82-05/29/84	21	0.4	0.437	0.8	0.25	0.025	0.158	0.3	0.3	0.55	0.7
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/13/82-05/29/84	21	0.2	0.198	0.35	0.08	0.006	0.075	0.11	0.13	0.245	0.316
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/13/82-05/29/84	21	0.2	0.163	0.4	0.03	0.01	0.098	0.034	0.085	0.2	0.3
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/13/82-05/29/84	21	1.8	1.857	2.9	1.1	0.262	0.511	1.3	1.4	2.2	2.76

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: ROMO0244

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/16/83-05/29/84	15	0.1	0.099	0.14	0.04	0.001	0.03	0.052	0.08	0.13	0.134
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/16/83-05/29/84	15	1.1	1.053	1.3	0.7	0.04	0.2	0.76	0.8	1.2	1.3
01046	IRON, DISSOLVED (UG/L AS FE)	04/16/83-05/29/84	15	32.	32.533	42.	20.	44.838	6.696	21.2	28.	38.	41.4
01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/16/83-05/29/84	15	5.	6.867	20.	1.	27.695	5.263	1.6	3.	10.	15.8
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/12/82-05/29/84	9	10.	14.456	30.	0.05	152.417	12.346	0.05	5.025	30.	30.
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	04/16/83-05/29/84	15	0.07	0.074	0.26	0.005	0.004	0.06	0.014	0.04	0.1	0.164
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/13/82-05/29/84	21	0.9	0.884	1.5	0.04	0.283	0.532	0.04	0.45	1.4	1.48

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0244

				Total	Exceed	Prop.	----------6/10-10/31----------			----------11/01-4/10----------			----------4/11-6/09----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00403	PH, LAB	Fresh Chronic	9.	15	0	0.00	6	0	0.00	2	0	0.00	7	0	0.00			
		Other-Lo Lim.	6.5	15	3	0.20	6	2	0.33	2	0	0.00	7	1	0.14			
00406	PH, FIELD	Fresh Chronic	9.	21	0	0.00	12	0	0.00	2	0	0.00	7	0	0.00			
		Other-Lo Lim.	6.5	21	8	0.38	12	3	0.25	2	1	0.50	7	4	0.57			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	6	0	0.00	6	0	0.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	21	0	0.00	12	0	0.00	2	0	0.00	7	0	0.00			
		Drinking Water	250.	21	0	0.00	12	0	0.00	2	0	0.00	7	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	21	0	0.00	12	0	0.00	2	0	0.00	7	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	15	0	0.00	6	0	0.00	2	0	0.00	7	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	21	0	0.00	12	0	0.00	2	0	0.00	7	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0245

NPS Station ID: ROMO0245
LAT/LON: 40.281420/-105.665060
Agency: 11NPSWRD
Date Created: 06/30/99
Location: MIDDLE OF GLASS LAKE AT THE SURFACE
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): ROMO_JB_GLASSLS
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MCHENRYS PEAK CO 7.5' (TOPOGRAPHICAL) SERIES QUADRANGLE. THE SITE IS AT THE AT THE MIDDLE OF GLASS LAKE AT THE SURFACE AND IS LOCATED IN ROCKY MOUNTAIN NATIONAL PARK. DATA WERE COLLECTED FOR THE LOCH VALE WATERSHED STUDY; A LONG TERM MONITORING STUDY FOR THE NATIONAL ATMOSPHERIC DEPOSITION PROGRAM/NATIONAL ACID PRECIPITATION ASSESSMENT PROGRAM (NADP/NAPAP). THE NADP/NAPAP MONITORS WATER QUALITY OF SENSITIVE ENVIRONMENTS FOR CHANGES DUE TO ACID PRECIPITATION. JILL BARON IS THE PROJECT CONTACT FOR THE STUDY AT THE NATURAL RESOURCES ECOLOGY LABORATORY AT COLORADO STATE UNIVERSITY IN FORT COLLINS CO 80525 (TEL. 970-491-1968). FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0245

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/03/82-12/03/88	56	4.	4.391	11.5	0.	10.856	3.295	0.5	1.	7.	8.59
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/08/82-06/17/97	66	13.	13.03	23.	6.	17.353	4.166	8.	10.	16.25	18.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/06/82-06/17/97	57	15.	14.509	26.	7.	23.683	4.867	8.8	10.	17.	22.
00403	PH, LAB, STANDARD UNITS SU	12/06/82-06/17/97	37	6.8	6.851	7.7	6.1	0.14	0.375	6.38	6.55	7.1	7.34
00403	CONVERTED PH, LAB, STANDARD UNITS	12/06/82-06/17/97	37	6.8	6.707	7.7	6.1	0.162	0.402	6.38	6.55	7.1	7.34
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/06/82-06/17/97	37	0.158	0.196	0.794	0.02	0.027	0.164	0.046	0.079	0.284	0.419
00406	PH, FIELD, STANDARD UNITS SU	06/08/82-06/17/97	63	6.5	6.508	7.3	5.8	0.081	0.284	6.112	6.3	6.7	6.9
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/08/82-06/17/97	63	6.5	6.417	7.3	5.8	0.089	0.299	6.112	6.3	6.7	6.9
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/08/82-06/17/97	63	0.316	0.383	1.585	0.05	0.075	0.274	0.126	0.2	0.501	0.773
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	06/08/82-06/17/97	60	0.04	0.051	0.11	0.02	0.001	0.027	0.021	0.03	0.07	0.1
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	06/08/82-01/23/90	36	0.007	0.009	0.033	0.003	0.	0.006	0.003	0.003	0.012	0.017
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	06/08/82-06/17/97	58	0.006	0.007	0.02	0.	0.	0.006	0.003	0.003	0.01	0.02
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	02/15/83-06/17/97	3	1.	0.933	1.	0.8	0.013	0.115	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/08/82-06/17/97	66	1.5	1.498	2.7	0.7	0.328	0.572	0.8	0.9	2.	2.33
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/08/82-06/17/97	66	0.2	0.243	1.8	0.07	0.046	0.214	0.1	0.175	0.3	0.3
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/08/82-06/17/97	66	0.4	0.461	0.9	0.2	0.031	0.177	0.29	0.318	0.6	0.737
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/08/82-06/17/97	66	0.165	0.432	17.	0.08	4.293	2.072	0.1	0.128	0.22	0.253
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/08/82-06/17/97	66	0.1	0.145	1.	0.	0.017	0.13	0.064	0.09	0.2	0.23
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/08/82-06/17/97	66	1.75	1.744	3.5	0.	0.422	0.65	0.97	1.3	2.1	2.63

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: ROMO0245

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/06/82-01/23/90	56	0.09	0.105	0.29	0.	0.001	0.038	0.08	0.08	0.12	0.15
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/20/82-06/17/97	58	1.15	1.26	3.2	0.4	0.281	0.53	0.7	1.	1.3	1.77
01046	IRON, DISSOLVED (UG/L AS FE)	12/06/82-01/23/90	55	22.	24.255	82.	6.	219.119	14.803	10.	14.	30.	38.4
01056	MANGANESE, DISSOLVED (UG/L AS MN)	12/06/82-01/23/90	56	2.85	4.895	31.	1.	33.832	5.817	1.	1.125	5.775	10.3
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/12/82-01/23/90	48	20.	21.689	77.	0.04	249.285	15.789	2.	10.25	30.	40.4
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	04/16/83-06/17/97	47	0.02	0.045	0.37	0.	0.005	0.073	0.003	0.006	0.05	0.112
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/08/82-06/17/97	66	0.9	0.966	2.9	0.	0.334	0.578	0.075	0.6	1.4	1.7

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0245

				Total	Exceed	Prop.	----------6/10-10/31----------			----------11/01-4/10----------			----------4/11-6/09----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00403	PH, LAB	Fresh Chronic	9.	37	0	0.00	17	0	0.00	13	0	0.00	7	0	0.00			
		Other-Lo Lim.	6.5	37	9	0.24	17	6	0.35	13	1	0.08	7	2	0.29			
00406	PH, FIELD	Fresh Chronic	9.	63	0	0.00	33	0	0.00	16	0	0.00	14	0	0.00			
		Other-Lo Lim.	6.5	63	33	0.52	33	18	0.55	16	7	0.44	14	8	0.57			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	36	0	0.00	23	0	0.00	10	0	0.00	3	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	66	0	0.00	36	0	0.00	16	0	0.00	14	0	0.00			
		Drinking Water	250.	66	0	0.00	36	0	0.00	16	0	0.00	14	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	66	0	0.00	36	0	0.00	16	0	0.00	14	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	56	0	0.00	27	0	0.00	16	0	0.00	13	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	66	0	0.00	36	0	0.00	16	0	0.00	14	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1982 - Station ROMO0245

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/03/82-12/03/88	6	7.	5.533	7.7	1.	8.343	2.888	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/08/82-06/17/97	10	13.5	13.8	21.	9.	16.844	4.104	9.	10.5	16.75	20.8
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/06/82-06/17/97	1	26.	26.	26.	26.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	06/08/82-06/17/97	10	6.63	6.517	6.93	6.08	0.096	0.31	6.085	6.22	6.75	6.918
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/08/82-06/17/97	10	6.626	6.418	6.93	6.08	0.107	0.327	6.085	6.22	6.75	6.918
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/08/82-06/17/97	10	0.237	0.382	0.832	0.117	0.071	0.266	0.121	0.178	0.607	0.823
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	06/08/82-06/17/97	5	0.03	0.042	0.09	0.02	0.001	0.029	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/08/82-06/17/97	10	0.95	1.24	2.7	0.7	0.414	0.643	0.7	0.775	1.575	2.61
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/08/82-06/17/97	10	0.2	0.22	0.4	0.1	0.008	0.092	0.1	0.175	0.3	0.39
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/08/82-06/17/97	10	0.335	0.417	0.9	0.25	0.037	0.193	0.254	0.29	0.493	0.863
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/08/82-06/17/97	10	0.125	0.147	0.26	0.08	0.004	0.065	0.08	0.095	0.198	0.259
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/08/82-06/17/97	10	0.25	0.28	1.	0.05	0.075	0.273	0.05	0.088	0.3	0.93
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/08/82-06/17/97	10	1.7	1.87	3.5	1.3	0.473	0.688	1.3	1.375	2.2	3.4
00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/06/82-01/23/90	1	0.29	0.29	0.29	0.29	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/20/82-06/17/97	2	2.9	2.9	3.2	2.6	0.18	0.424	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	12/06/82-01/23/90	1	3.	3.	3.	3.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/08/82-06/17/97	10	1.25	1.32	2.9	0.7	0.373	0.611	0.72	0.9	1.4	2.75

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station ROMO0245

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/03/82-12/03/88	10	1.5	3.6	9.	0.	14.878	3.857	0.	0.375	8.	8.9
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/08/82-06/17/97	10	12.5	12.1	18.	7.	11.433	3.381	7.1	9.5	14.25	17.7
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/06/82-06/17/97	10	16.	15.8	22.	10.	21.289	4.614	10.	10.75	20.5	22.
00406	PH, FIELD, STANDARD UNITS SU	06/08/82-06/17/97	10	6.66	6.602	6.9	5.9	0.073	0.271	5.96	6.575	6.725	6.89
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/08/82-06/17/97	10	6.658	6.495	6.9	5.9	0.086	0.293	5.96	6.575	6.725	6.89
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/08/82-06/17/97	10	0.22	0.32	1.259	0.126	0.112	0.334	0.129	0.189	0.267	1.165
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	06/08/82-06/17/97	10	0.04	0.054	0.11	0.02	0.001	0.028	0.021	0.038	0.08	0.107
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/08/82-06/17/97	10	1.35	1.49	2.4	0.8	0.328	0.572	0.81	0.975	2.125	2.38
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/08/82-06/17/97	10	0.3	0.227	0.3	0.07	0.01	0.1	0.073	0.1	0.3	0.3
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/08/82-06/17/97	10	0.4	0.46	0.8	0.3	0.038	0.196	0.3	0.3	0.7	0.79
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/08/82-06/17/97	10	0.2	0.209	0.33	0.12	0.005	0.068	0.122	0.155	0.258	0.328
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/08/82-06/17/97	10	0.1	0.094	0.2	0.003	0.005	0.068	0.004	0.02	0.125	0.2
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/08/82-06/17/97	10	1.75	1.88	2.8	1.	0.457	0.676	1.01	1.25	2.7	2.79
00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/06/82-01/23/90	10	0.09	0.088	0.12	0.05	0.	0.022	0.051	0.075	0.11	0.119
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/20/82-06/17/97	10	1.1	1.11	1.3	0.7	0.034	0.185	0.73	1.	1.3	1.3
01056	MANGANESE, DISSOLVED (UG/L AS MN)	12/06/82-01/23/90	10	5.	7.3	24.	1.	60.011	7.747	1.	1.75	10.5	23.4
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/08/82-06/17/97	10	0.75	0.871	1.8	0.01	0.283	0.532	0.059	0.5	1.275	1.77

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station ROMO0245

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/03/82-12/03/88	10	1.5	3.33	8.8	0.	12.311	3.509	0.	0.75	7.375	8.77
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/08/82-06/17/97	10	14.5	13.4	18.	8.	16.044	4.006	8.	9.5	17.	17.9
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/06/82-06/17/97	10	15.	15.2	23.	9.	21.067	4.59	9.1	10.75	19.25	22.7
00406	PH, FIELD, STANDARD UNITS SU	06/08/82-06/17/97	10	6.45	6.41	6.6	5.8	0.057	0.238	5.85	6.375	6.6	6.6
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/08/82-06/17/97	10	6.447	6.331	6.6	5.8	0.063	0.252	5.85	6.375	6.6	6.6
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/08/82-06/17/97	10	0.357	0.467	1.585	0.251	0.161	0.401	0.251	0.251	0.424	1.477
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	06/08/82-06/17/97	10	0.045	0.054	0.1	0.02	0.001	0.028	0.021	0.03	0.083	0.099
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/08/82-06/17/97	10	1.55	1.59	2.2	0.8	0.241	0.491	0.81	1.2	2.025	2.19
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/08/82-06/17/97	10	0.25	0.23	0.3	0.1	0.007	0.082	0.1	0.175	0.3	0.3

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Annual Analysis for 1984 - Station ROMO0245

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/08/82-06/17/97	10	0.4	0.48	0.8	0.2	0.031	0.175	0.22	0.4	0.625	0.79
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/08/82-06/17/97	10	0.195	0.212	0.46	0.1	0.01	0.1	0.102	0.143	0.243	0.439
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/08/82-06/17/97	10	0.1	0.126	0.2	0.	0.005	0.07	0.007	0.085	0.2	0.2
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/08/82-06/17/97	10	2.05	1.7	2.5	0.	0.616	0.785	0.09	1.05	2.2	2.47
00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/06/82-01/23/90	10	0.085	0.096	0.15	0.	0.002	0.044	0.008	0.08	0.133	0.149
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/20/82-06/17/97	10	1.1	1.31	2.7	0.8	0.328	0.572	0.81	0.9	1.625	2.6
01056	MANGANESE, DISSOLVED (UG/L AS MN)	12/06/82-01/23/90	10	3.5	3.8	8.	1.	7.289	2.7	1.	1.	5.75	8.
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/08/82-06/17/97	10	0.85	0.863	1.8	0.	0.475	0.689	0.004	0.078	1.525	1.78

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Annual Analysis for 1985 - Station ROMO0245

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/03/82-12/03/88	11	4.	3.545	7.	1.	6.073	2.464	1.	1.	6.	7.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/08/82-06/17/97	13	12.	13.154	18.	8.	9.641	3.105	8.8	10.5	16.	17.6
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/06/82-06/17/97	13	14.	14.	24.	8.	20.167	4.491	8.	10.5	16.5	22.
00406	PH, FIELD, STANDARD UNITS SU	06/08/82-06/17/97	13	6.4	6.415	6.9	6.1	0.05	0.223	6.14	6.25	6.55	6.82
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/08/82-06/17/97	13	6.4	6.368	6.9	6.1	0.052	0.228	6.14	6.25	6.55	6.82
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/08/82-06/17/97	13	0.398	0.428	0.794	0.126	0.036	0.19	0.155	0.284	0.566	0.729
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	06/08/82-06/17/97	13	0.03	0.048	0.1	0.03	0.001	0.026	0.03	0.03	0.06	0.1
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/08/82-06/17/97	13	1.6	1.615	2.6	0.9	0.256	0.506	0.9	1.25	1.8	2.52
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/08/82-06/17/97	13	0.2	0.223	0.4	0.1	0.007	0.083	0.1	0.2	0.3	0.36
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/08/82-06/17/97	13	0.41	0.471	0.8	0.3	0.023	0.152	0.304	0.365	0.55	0.764
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/08/82-06/17/97	13	0.18	1.478	17.	0.09	21.755	4.664	0.094	0.13	0.235	10.344
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/08/82-06/17/97	13	0.2	0.15	0.2	0.07	0.003	0.057	0.074	0.1	0.2	0.2
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/08/82-06/17/97	13	1.8	1.815	2.6	1.	0.28	0.529	1.	1.4	2.15	2.6
00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/06/82-01/23/90	13	0.1	0.104	0.15	0.08	0.	0.022	0.08	0.09	0.115	0.146
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/20/82-06/17/97	13	1.2	1.377	2.5	0.6	0.299	0.546	0.72	1.05	1.6	2.46
01056	MANGANESE, DISSOLVED (UG/L AS MN)	12/06/82-01/23/90	13	4.3	4.192	11.	1.	11.979	3.461	1.	1.05	6.45	10.56
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/08/82-06/17/97	13	1.2	1.103	2.3	0.04	0.358	0.598	0.184	0.7	1.5	2.06

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station ROMO0245

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/03/82-12/03/88	9	3.	4.	8.	0.5	8.938	2.99	0.5	1.5	7.5	8.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/08/82-06/17/97	9	13.	11.778	19.	6.	29.944	5.472	6.	6.	16.5	19.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/06/82-06/17/97	9	11.	12.444	19.	7.	24.778	4.978	7.	7.5	17.	19.
00406	PH, FIELD, STANDARD UNITS SU	06/08/82-06/17/97	7	6.4	6.414	6.8	6.1	0.058	0.241	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/08/82-06/17/97	7	6.4	6.361	6.8	6.1	0.061	0.248	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/08/82-06/17/97	7	0.398	0.436	0.794	0.158	0.05	0.223	**	**	**	**
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	06/08/82-06/17/97	9	0.03	0.05	0.11	0.02	0.001	0.033	0.02	0.025	0.08	0.11
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/08/82-06/17/97	9	1.3	1.389	2.2	0.8	0.344	0.586	0.8	0.8	1.95	2.2
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/08/82-06/17/97	9	0.2	0.178	0.3	0.1	0.007	0.083	0.1	0.1	0.25	0.3
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/08/82-06/17/97	9	0.4	0.411	0.6	0.2	0.021	0.145	0.2	0.3	0.55	0.6
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/08/82-06/17/97	9	0.15	0.151	0.24	0.09	0.003	0.052	0.09	0.095	0.19	0.24
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/08/82-06/17/97	9	0.1	0.104	0.2	0.07	0.001	0.038	0.07	0.085	0.1	0.2
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/08/82-06/17/97	9	1.3	1.422	2.1	0.8	0.357	0.597	0.8	0.85	2.1	2.1
00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/06/82-01/23/90	9	0.09	0.099	0.14	0.08	0.001	0.024	0.08	0.08	0.125	0.14
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/20/82-06/17/97	9	1.	0.956	1.5	0.4	0.128	0.357	0.4	0.6	1.2	1.5
01056	MANGANESE, DISSOLVED (UG/L AS MN)	12/06/82-01/23/90	9	3.8	8.433	31.	1.1	101.058	10.053	1.1	1.75	14.	31.
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/08/82-06/17/97	9	0.7	0.821	1.8	0.09	0.324	0.569	0.09	0.35	1.3	1.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station ROMO0245

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/03/82-12/03/88	6	6.5	6.167	9.	3.5	4.467	2.113	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/08/82-06/17/97	6	11.	13.	22.	8.	32.8	5.727	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/06/82-06/17/97	6	11.5	13.667	22.	9.	26.667	5.164	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	06/08/82-06/17/97	6	6.415	6.497	6.91	6.3	0.051	0.226	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/08/82-06/17/97	6	6.414	6.456	6.91	6.3	0.053	0.23	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/08/82-06/17/97	6	0.385	0.35	0.501	0.123	0.019	0.138	**	**	**	**
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	06/08/82-06/17/97	5	0.04	0.05	0.11	0.03	0.001	0.034	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/08/82-06/17/97	6	1.2	1.533	2.6	0.9	0.527	0.726	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/08/82-06/17/97	6	0.25	0.5	1.8	0.1	0.416	0.645	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/08/82-06/17/97	6	0.37	0.473	0.86	0.27	0.052	0.228	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/08/82-06/17/97	6	0.16	0.175	0.24	0.14	0.001	0.038	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/08/82-06/17/97	6	0.095	0.108	0.2	0.08	0.002	0.046	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/08/82-06/17/97	6	1.35	1.6	2.7	1.	0.44	0.663	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/06/82-01/23/90	6	0.105	0.108	0.15	0.08	0.001	0.025	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/20/82-06/17/97	6	1.15	1.233	1.7	0.6	0.175	0.418	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	12/06/82-01/23/90	6	2.4	2.333	3.9	1.	1.239	1.113	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/08/82-06/17/97	6	0.75	0.723	1.2	0.04	0.158	0.398	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station ROMO0245

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/03/82-12/03/88	4	8.75	7.85	11.5	2.4	18.257	4.273	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/08/82-06/17/97	6	12.5	12.5	17.	8.	15.5	3.937	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/06/82-06/17/97	6	13.	13.167	17.	9.	12.967	3.601	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	06/08/82-06/17/97	5	6.74	6.772	7.3	6.08	0.209	0.457	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/08/82-06/17/97	5	6.74	6.567	7.3	6.08	0.261	0.511	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/08/82-06/17/97	5	0.182	0.271	0.832	0.05	0.102	0.32	**	**	**	**
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	06/08/82-06/17/97	6	0.05	0.057	0.1	0.03	0.001	0.029	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/08/82-06/17/97	6	1.45	1.5	2.1	0.9	0.292	0.54	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/08/82-06/17/97	6	0.2	0.2	0.3	0.1	0.008	0.089	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/08/82-06/17/97	6	0.485	0.475	0.64	0.29	0.025	0.158	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/08/82-06/17/97	6	0.14	0.147	0.2	0.1	0.001	0.038	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/08/82-06/17/97	6	0.1	0.11	0.2	0.07	0.002	0.046	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/08/82-06/17/97	6	1.75	1.633	2.1	1.	0.279	0.528	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/06/82-01/23/90	6	0.11	0.113	0.15	0.09	0.001	0.024	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/20/82-06/17/97	6	1.1	1.067	1.3	0.8	0.035	0.186	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	12/06/82-01/23/90	6	1.8	2.283	5.7	1.	3.094	1.759	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/08/82-06/17/97	6	0.8	0.773	1.3	0.04	0.167	0.408	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station ROMO0245

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/08/82-06/17/97	1	23.	23.	23.	23.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/06/82-06/17/97	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	06/08/82-06/17/97	1	6.99	6.99	6.99	6.99	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/08/82-06/17/97	1	6.99	6.99	6.99	6.99	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/08/82-06/17/97	1	0.102	0.102	0.102	0.102	0.	0.	**	**	**	**
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	06/08/82-06/17/97	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/08/82-06/17/97	1	2.7	2.7	2.7	2.7	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/08/82-06/17/97	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/08/82-06/17/97	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station ROMO0245

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/08/82-06/17/97	1	0.19	0.19	0.19	0.19	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/08/82-06/17/97	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/08/82-06/17/97	1	3.2	3.2	3.2	3.2	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/06/82-01/23/90	1	0.17	0.17	0.17	0.17	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/20/82-06/17/97	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	12/06/82-01/23/90	1	2.	2.	2.	2.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/08/82-06/17/97	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1997 - Station ROMO0245

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/08/82-06/17/97	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/06/82-06/17/97	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	06/08/82-06/17/97	1	6.57	6.57	6.57	6.57	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/08/82-06/17/97	1	6.57	6.57	6.57	6.57	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/08/82-06/17/97	1	0.269	0.269	0.269	0.269	0.	0.	**	**	**	**
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	06/08/82-06/17/97	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/08/82-06/17/97	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/08/82-06/17/97	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/08/82-06/17/97	1	0.42	0.42	0.42	0.42	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/08/82-06/17/97	1	0.14	0.14	0.14	0.14	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/08/82-06/17/97	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/08/82-06/17/97	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/20/82-06/17/97	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/08/82-06/17/97	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 6/10 to 10/31 - Station ROMO0245

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/03/82-12/03/88	32	7.	6.578	11.5	1.	6.497	2.549	2.24	5.25	8.	9.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/08/82-06/17/97	36	10.	10.389	19.	6.	9.844	3.138	6.7	8.	12.	15.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/06/82-06/17/97	28	10.	10.536	17.	7.	5.295	2.301	7.9	9.	11.75	14.1
00403	PH, LAB, STANDARD UNITS SU	12/06/82-06/17/97	17	6.6	6.741	7.7	6.1	0.168	0.409	6.26	6.5	6.95	7.54
00403	CONVERTED PH, LAB, STANDARD UNITS	12/06/82-06/17/97	17	6.6	6.6	7.7	6.1	0.189	0.434	6.26	6.5	6.95	7.54
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/06/82-06/17/97	17	0.251	0.251	0.794	0.02	0.036	0.191	0.029	0.113	0.316	0.56
00406	PH, FIELD, STANDARD UNITS SU	06/08/82-06/17/97	33	6.5	6.481	6.9	6.08	0.048	0.22	6.158	6.3	6.695	6.736
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/08/82-06/17/97	33	6.5	6.427	6.9	6.08	0.051	0.226	6.158	6.3	6.695	6.736
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/08/82-06/17/97	33	0.316	0.374	0.832	0.126	0.037	0.192	0.184	0.202	0.501	0.697
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	06/08/82-06/17/97	32	0.03	0.032	0.05	0.02	0.	0.008	0.02	0.03	0.04	0.04
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	06/08/82-01/23/90	23	0.007	0.009	0.033	0.003	0.	0.007	0.003	0.003	0.01	0.017
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	06/08/82-06/17/97	32	0.003	0.005	0.02	0.	0.	0.005	0.003	0.003	0.006	0.01
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/08/82-06/17/97	36	1.	1.064	1.8	0.7	0.073	0.27	0.8	0.825	1.275	1.5
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/08/82-06/17/97	36	0.2	0.21	1.8	0.07	0.079	0.281	0.1	0.1	0.2	0.3
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/08/82-06/17/97	36	0.33	0.34	0.5	0.2	0.005	0.068	0.264	0.3	0.4	0.426
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/08/82-06/17/97	36	0.135	0.605	17.	0.08	7.901	2.811	0.09	0.1	0.158	0.212
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/08/82-06/17/97	36	0.1	0.106	0.3	0.	0.005	0.074	0.02	0.07	0.1	0.23
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/08/82-06/17/97	36	1.3	1.275	2.1	0.	0.155	0.393	0.87	1.	1.6	1.73
00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/06/82-01/23/90	27	0.09	0.084	0.11	0.	0.	0.021	0.058	0.08	0.09	0.102
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/20/82-06/17/97	29	1.1	1.234	2.6	0.6	0.137	0.371	0.9	1.05	1.3	1.7
01046	IRON, DISSOLVED (UG/L AS FE)	12/06/82-01/23/90	26	18.5	24.231	82.	8.	282.185	16.798	9.7	13.5	29.	45.8
01056	MANGANESE, DISSOLVED (UG/L AS MN)	12/06/82-01/23/90	27	1.2	2.252	10.	1.	4.508	2.123	1.	1.	2.4	5.4
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/12/82-01/23/90	24	20.	22.837	60.	0.04	207.358	14.4	4.025	12.	29.25	46.
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	04/16/83-06/17/97	25	0.01	0.025	0.1	0.	0.001	0.028	0.002	0.007	0.035	0.078
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/08/82-06/17/97	36	0.95	1.019	1.8	0.	0.153	0.391	0.57	0.725	1.375	1.53

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 4/10 - Station ROMO0245

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/03/82-12/03/88	12	1.	1.7	4.	0.	2.144	1.464	0.	0.625	3.225	4.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/08/82-06/17/97	16	17.	17.5	23.	12.	7.467	2.733	14.1	16.25	18.75	22.3
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/06/82-06/17/97	16	19.	19.813	26.	15.	10.696	3.27	16.4	17.	22.75	24.6
00403	PH, LAB, STANDARD UNITS SU	12/06/82-06/17/97	13	7.1	7.031	7.5	6.3	0.106	0.325	6.46	6.8	7.3	7.42
00403	CONVERTED PH, LAB, STANDARD UNITS	12/06/82-06/17/97	13	7.1	6.901	7.5	6.3	0.124	0.352	6.46	6.8	7.3	7.42
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/06/82-06/17/97	13	0.079	0.125	0.501	0.032	0.015	0.124	0.039	0.05	0.158	0.381
00406	PH, FIELD, STANDARD UNITS SU	06/08/82-06/17/97	16	6.6	6.579	7.3	5.8	0.143	0.379	5.996	6.335	6.858	7.118
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/08/82-06/17/97	16	6.6	6.421	7.3	5.8	0.17	0.412	5.996	6.335	6.857	7.118
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/08/82-06/17/97	16	0.251	0.379	1.585	0.05	0.146	0.382	0.079	0.142	0.467	1.058
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	06/08/82-06/17/97	14	0.08	0.083	0.11	0.05	0.	0.019	0.055	0.068	0.1	0.11
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	06/08/82-01/23/90	10	0.007	0.008	0.016	0.003	0.	0.004	0.003	0.006	0.011	0.016
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	06/08/82-06/17/97	15	0.006	0.011	0.02	0.003	0.	0.007	0.005	0.006	0.02	0.02
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/08/82-06/17/97	16	2.15	2.219	2.7	1.7	0.095	0.308	1.77	2.	2.55	2.7
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/08/82-06/17/97	16	0.3	0.313	0.4	0.2	0.004	0.062	0.2	0.3	0.375	0.4
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/08/82-06/17/97	16	0.67	0.704	0.9	0.6	0.013	0.113	0.6	0.6	0.8	0.9
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/08/82-06/17/97	16	0.195	0.199	0.25	0.15	0.001	0.027	0.164	0.18	0.215	0.243
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/08/82-06/17/97	16	0.2	0.212	1.	0.09	0.048	0.219	0.097	0.1	0.2	0.51
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/08/82-06/17/97	16	2.2	2.438	3.5	2.1	0.192	0.438	2.1	2.1	2.675	3.29
00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/06/82-01/23/90	16	0.135	0.144	0.29	0.11	0.002	0.042	0.11	0.12	0.15	0.206
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/20/82-06/17/97	16	1.25	1.519	3.2	0.5	0.626	0.791	0.57	0.95	2.225	2.85
01046	IRON, DISSOLVED (UG/L AS FE)	12/06/82-01/23/90	16	15.5	21.313	65.	6.	242.896	15.585	7.4	10.25	27.75	51.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	12/06/82-01/23/90	16	3.85	5.263	31.	1.	49.831	7.059	1.49	2.	5.	14.2
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/12/82-01/23/90	14	10.5	13.214	40.	1.	117.72	10.85	1.5	6.75	17.75	35.5
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	04/16/83-06/17/97	13	0.01	0.057	0.37	0.001	0.014	0.119	0.002	0.004	0.025	0.33
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/08/82-06/17/97	16	0.65	0.851	2.9	0.04	0.724	0.851	0.04	0.118	1.225	2.48

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/11 to 6/09 - Station ROMO0245

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/03/82-12/03/88	12	1.	1.25	4.	0.	1.25	1.118	0.	0.5	2.	3.4
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/08/82-06/17/97	14	15.	14.714	18.	10.	4.681	2.164	11.	13.75	16.	18.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/06/82-06/17/97	13	16.	16.538	22.	13.	6.436	2.537	13.4	15.	18.	21.2
00403	PH, LAB, STANDARD UNITS SU	12/06/82-06/17/97	7	6.8	6.786	7.1	6.4	0.075	0.273	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	12/06/82-06/17/97	7	6.8	6.712	7.1	6.4	0.081	0.285	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/06/82-06/17/97	7	0.158	0.194	0.398	0.079	0.015	0.122	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	06/08/82-06/17/97	14	6.4	6.489	6.93	5.9	0.093	0.305	6.	6.35	6.8	6.915
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/08/82-06/17/97	14	6.4	6.388	6.93	5.9	0.104	0.322	6.	6.35	6.8	6.915
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/08/82-06/17/97	14	0.398	0.409	1.259	0.117	0.097	0.312	0.122	0.158	0.456	1.027
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	06/08/82-06/17/97	14	0.06	0.064	0.11	0.03	0.001	0.026	0.03	0.048	0.09	0.105
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	06/08/82-01/23/90	3	0.013	0.012	0.02	0.004	0.	0.008	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	06/08/82-06/17/97	11	0.006	0.01	0.02	0.003	0.	0.007	0.003	0.004	0.02	0.02
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/08/82-06/17/97	14	1.8	1.793	2.4	1.5	0.078	0.279	1.5	1.575	1.95	2.3
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/08/82-06/17/97	14	0.25	0.25	0.3	0.2	0.003	0.052	0.2	0.2	0.3	0.3
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/08/82-06/17/97	14	0.48	0.492	0.8	0.4	0.015	0.121	0.4	0.4	0.508	0.75
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/08/82-06/17/97	14	0.23	0.254	0.46	0.16	0.006	0.079	0.175	0.2	0.278	0.41
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/08/82-06/17/97	14	0.2	0.171	0.3	0.1	0.004	0.061	0.1	0.1	0.2	0.25
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/08/82-06/17/97	14	2.1	2.157	2.7	1.8	0.087	0.295	1.8	1.95	2.275	2.7
00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/06/82-01/23/90	13	0.09	0.1	0.15	0.08	0.001	0.024	0.08	0.08	0.12	0.142
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/20/82-06/17/97	13	1.	1.	1.3	0.4	0.068	0.261	0.52	0.85	1.2	1.3
01046	IRON, DISSOLVED (UG/L AS FE)	12/06/82-01/23/90	13	30.	27.923	39.	12.	68.41	8.271	13.6	23.5	35.	38.6
01056	MANGANESE, DISSOLVED (UG/L AS MN)	12/06/82-01/23/90	13	8.	9.931	24.	3.	39.637	6.296	3.6	5.4	14.5	21.6
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/12/82-01/23/90	10	30.	30.8	77.	2.	394.4	19.86	2.8	20.5	36.25	73.3
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	04/16/83-06/17/97	9	0.06	0.08	0.21	0.01	0.004	0.066	0.01	0.03	0.125	0.21
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/08/82-06/17/97	14	1.05	0.96	1.8	0.01	0.398	0.631	0.025	0.398	1.525	1.75

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: ROMO0246

NPS Station ID: ROMO0246
LAT/LON: 40.281531/-105.600865
Agency: 11NPSWRD
Date Created: 08/21/99
Location: Boulder Brook Spring @ 11600 ft.
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): ROMO_JS_BBSPG5
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 3548
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the Longs Peak CO 7.5' (topographic) series quadrangle in Rocky Mountain National Park. The station is a spring north of Battle Mountain and west of N. Longs Peak Trail at 11600'. The data originated from a University of Colorado dissertation entitled "Isotopic and Chemical Flowpath Separation of Streamflow During Snowmelt and Hydrogeological Controls of Surface-Water Chemistry in Six Alpine-Subalpine Basins; Rocky Mountain National Park; Colorado" 1996 by Julie K. Sueker. Sueker also contributed other data that weren't included in her dissertation. For more information about the data; contact Julie K. Sueker; Exponent Environmental Group; 4940 Pearl East Circle Ste. 300; Boulder CO 80301 (Tel. 970-444-7270). For information on the park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 97 -586-1206). Data were uploaded to STORET by Margaret Matter; NPS-WRD; 1201 Oak Ridge Dr. Ste. 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0246

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/20/94-08/15/95	4	26.	24.5	29.	17.	27.667	5.26	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/20/94-08/15/95	4	6.85	6.825	6.9	6.7	0.009	0.096	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/20/94-08/15/95	4	6.847	6.817	6.9	6.7	0.009	0.096	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/20/94-08/15/95	4	0.142	0.152	0.2	0.126	0.001	0.035	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/20/94-08/15/95	4	99.45	79.	123.8	-6.7	3632.86	60.273	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/20/94-08/15/95	4	0.3	0.3	0.4	0.2	0.007	0.082	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/20/94-08/15/95	4	4.75	4.45	5.8	2.5	1.95	1.396	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/20/94-08/15/95	4	10.5	10.25	10.8	9.2	0.537	0.733	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/15/95-08/15/95	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
46552	CALCIUM,FIELD ACIDIFIED W/HNO3 LAB FILTER(MG/L)	07/20/94-10/09/94	3	1.9	1.9	2.15	1.65	0.063	0.25	**	**	**	**
46554	MAGNESIUM,FIELD ACIDIFIED-HNO3-LAB FILT(MG/L-MG)	07/20/94-10/09/94	3	0.46	0.47	0.53	0.42	0.003	0.056	**	**	**	**
46555	POTASSIUM,FIELD ACIDIFIED-HNO3-LAB FILT.(MG/L-K))	07/20/94-10/09/94	3	0.27	0.27	0.28	0.26	0.	0.01	**	**	**	**
46556	SODIUM, FIELD ACIDIFIED W/HNO3, LAB FILTERED MG/L	07/20/94-10/09/94	3	2.59	2.533	2.67	2.34	0.03	0.172	**	**	**	**
50790	OXYGEN-18, (DELTA UNITS - PARTS PER THOUSAND)	07/20/94-10/09/94	3	-11.25	-11.283	-11.02	-11.58	0.079	0.281	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	08/15/95-08/15/95	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/20/94-08/15/95	4	0.154	0.227	0.6	0.	0.081	0.285	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0246

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	4	0	0.00	4	0	0.00									
		Other-Lo Lim.	6.5	4	0	0.00	4	0	0.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	4	4	1.00	4	4	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	4	0	0.00	4	0	0.00									
		Drinking Water	250.	4	0	0.00	4	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	4	0	0.00	4	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	4	0	0.00	4	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0247

NPS Station ID: ROMO0247
LAT/LON: 40.281531/-105.665060
Agency: 11NPSWRD
Date Created: 06/12/99
Location: GLASS LAKE
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): ROMO_JR_CAP18
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MCHENRYS PEAK CO 7.5' SERIES (TOPO.) QUADRANGLE. THE SITE IS LOCATED AT GLASS LAKE AND IS WITHIN ROCKY MOUNTAIN NATIONAL PARK. THE DATA ARE FROM ANNUAL CAPSHELL SNAIL MONITORING PROGRAM REPORTS BY JOHN RIEBESELL OF THE DEPARTMENT OF NATURAL RESOURCES AT THE UNIVERSITY OF MICHIGAN IN DEARBORN MI. TTHE REPORTS SUMMARIZED POPULATION DATA AND WATER QUALITY CHARACTERISTICS OF THE HABITAT OF CAPSHELL SNAILS; A CANDIDATE FOR LISTING UNDER THE FEDERAL ENDANGERED SPECIES ACT. FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0247

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70975	TEMPERATURE, WATER,DAILY MINIMUM DEG C	07/26/96-07/26/96	1	10.2	10.2	10.2	10.2	0.	0.	**	**	**	**
70976	TEMPERATURE, WATER,DAILY MAXIMUM DEG C	07/26/96-07/26/96	1	10.9	10.9	10.9	10.9	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: ROMO0248

NPS Station ID: ROMO0248 | LAT/LON: 40.281892/-105.542809 | Agency: 11NPSWRD | Date Created: 06/18/99
Location: 105422/C04091 | FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): ROMO_NURE_178 /1073834 /1118312
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 10190005 | Depth of Water: 0 | Aquifer:
Major Basin: MISSOURI RIVER | Elevation: 0 | Water Body Id:
Minor Basin: SOUTH PLATTE RIVER | ECO Region:
RF1 Index: 10190005 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE "LONGS PEAK COLORADO" 7.5 MINUTE SERIES QUADRANGLE. THE SITE IS AT A STREAM OUTSIDE OF ROCKY MOUNTAIN NATIONAL PARK. EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO ONE WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATA BASE: "NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SOIL; STREAM SEDIMENT; SURFACE WATER; AND GROUND WATER DATA. "UNIQID" FIELD ENTRIES WERE USED TO CREATE THE SECONDARY STATION NAMES. THE "LASLID" FIELD ENTRIES (LAB SAMPLE NUMBERS) WERE USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LAB. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND KELLI O'CONNOR; NATIONAL PARK SERVICE WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0248

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/24/76-09/24/76	1	6.2	6.2	6.2	6.2	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/76-09/24/76	1	36.	36.	36.	36.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/24/76-09/24/76	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/24/76-09/24/76	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/24/76-09/24/76	1	0.158	0.158	0.158	0.158	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/24/76-09/24/76	1	0.63	0.63	0.63	0.63	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0248

Parameter				Total	Exceed	Prop.	6/10-10/31			11/01-4/10			4/11-6/09			n/a		
		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0249

NPS Station ID: ROMO0249
LAT/LON: 40.281948/-105.662227
Agency: 112WRD
Date Created: 11/09/91
Location: POTHOLE1N
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 401655105394400
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC:
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 4.90
On/Off RF1:
RF3 Index: 10190006045400.56
RF3 Mile Point: 0.56
Distance from RF3: 0.04
On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0249

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	07/23/92-07/23/92	1	0.027	0.027	0.027	0.027	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/02/91-09/04/91	6	0.073	0.138	0.41	0.007	0.026	0.16	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/02/91-09/04/91	6	0.006	0.007	0.012	0.004	0.	0.003	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/02/91-09/04/91	6	0.32	0.395	0.94	0.14	0.08	0.283	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/02/91-09/04/91	6	2.15	2.	3.3	0.7	1.448	1.203	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/02/91-09/04/91	6	0.3	0.315	0.6	0.09	0.059	0.242	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/02/91-09/04/91	6	0.42	0.448	0.87	0.1	0.081	0.284	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/02/91-09/04/91	6	0.575	0.53	0.93	0.06	0.103	0.321	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/02/91-09/04/91	6	1.15	1.3	2.9	0.6	0.72	0.849	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/02/91-09/04/91	6	12.5	11.333	17.	3.	26.667	5.164	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/02/91-09/04/91	6	12.5	11.917	22.	0.5	59.042	7.684	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/02/91-09/04/91	6	0.001	0.004	0.012	0.001	0.	0.005	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0249

				Total	Exceed	Prop.	6/10-10/31			11/01-4/10			4/11-6/09			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	6	0	0.00	6	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	6	0	0.00	6	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0250

NPS Station ID: ROMO0250
Location: NANO1IN
Station Type: /TYPA/AMBNT/STREAM
RMI-Indexes:
RMI-Miles:
HUC:
Major Basin:
Minor Basin:
RF1 Index:
RF3 Index: 10190006045401.14
Description:

LAT/LON: 40.281948/-105.662504
Depth of Water: 0
Elevation: 0
RF1 Mile Point: 0.000
RF3 Mile Point: 1.13

Agency: 112WRD
FIPS State/County: 08069 COLORADO/LARIMER
STORET Station ID(s): 401655105394500
Within Park Boundary: Yes
Aquifer:
Water Body Id:
ECO Region:
Distance from RF1: 12.10
Distance from RF3: 0.07

Date Created: 11/09/91
On/Off RF1:
On/Off RF3:

Parameter Inventory for Station: ROMO0250

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	07/12/92-09/10/93	7	0.005	0.006	0.012	0.001	0.	0.004	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/09/91-09/11/91	9	0.002	0.006	0.032	0.001	0.	0.01	0.001	0.001	0.007	0.032
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/09/91-09/11/91	9	0.001	0.002	0.003	0.001	0.	0.001	0.001	0.001	0.003	0.003
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/09/91-09/11/91	9 ##	0.003	0.112	0.99	0.003	0.108	0.329	0.003	0.003	0.003	0.99
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/09/91-09/11/91	9 ##	0.01	0.388	3.4	0.01	1.276	1.13	0.01	0.01	0.015	3.4
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/09/91-09/11/91	9 ##	0.005	0.089	0.6	0.005	0.038	0.194	0.005	0.005	0.08	0.6
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/09/91-09/11/91	9	0.15	0.184	0.97	0.005	0.092	0.303	0.005	0.013	0.16	0.97
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/09/91-09/11/91	9 ##	0.005	0.065	0.48	0.005	0.024	0.156	0.005	0.005	0.03	0.48
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/09/91-09/11/91	9	0.08	0.549	3.9	0.005	1.599	1.265	0.005	0.005	0.35	3.9
01046	IRON, DISSOLVED (UG/L AS FE)	07/09/91-09/11/91	9 ##	1.5	2.333	9.	1.5	6.25	2.5	1.5	1.5	1.5	9.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/09/91-09/11/91	9 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/09/91-09/11/91	9 ##	0.001	0.004	0.019	0.001	0.	0.007	0.001	0.001	0.008	0.019

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0250

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	9	0	0.00	9	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	9	0	0.00	9	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0251

NPS Station ID: ROMO0251
LAT/LON: 40.281948/-105.665005
Agency: 112WRD
Date Created: 10/31/87
Location: GLASS LAKE HYPOLIMNION - LOCH VALE
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 401655105395402
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 13.20
On/Off RF1:
RF3 Index: 10190006045401.58
RF3 Mile Point: 1.57
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0251

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/16/83-04/16/83	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	07/29/83-09/20/84	5	4.6	6.5	14.1	4.3	18.115	4.256	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/23/84-07/29/86	12	5.	4.667	10.	1.	4.788	2.188	1.3	3.5	5.	8.5
00403	PH, LAB, STANDARD UNITS SU	05/07/85-07/29/86	3	6.6	6.767	7.1	6.6	0.083	0.289	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	05/07/85-07/29/86	3	6.6	6.712	7.1	6.6	0.088	0.296	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/07/85-07/29/86	3	0.251	0.194	0.251	0.079	0.01	0.099	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/16/83-04/16/83	1	110.	110.	110.	110.	0.	0.	**	**	**	**
00417	ALKALINITY,FIXED ENDPOINT TITRATION, USGS LAB MG/L	02/03/87-02/03/87	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	04/16/83-08/24/88	29	0.013	0.029	0.21	0.001	0.003	0.052	0.001	0.006	0.026	0.071
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/20/84-08/24/88	20	0.002	0.003	0.008	0.001	0.	0.002	0.001	0.001	0.003	0.004
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	04/16/83-08/24/88	23	0.14	0.12	0.3	0.005	0.009	0.095	0.005	0.01	0.16	0.278
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/20/84-08/24/88	20	0.1	0.126	0.3	0.005	0.008	0.089	0.005	0.043	0.2	0.2
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/20/84-01/21/85	3	0.02	0.017	0.02	0.01	0.	0.006	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/16/83-08/24/88	32	0.002	0.01	0.05	0.001	0.	0.018	0.001	0.001	0.007	0.05
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/16/83-04/16/83	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	04/16/83-04/16/83	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/16/83-08/24/88	33	0.2	0.181	0.4	0.06	0.007	0.081	0.07	0.1	0.2	0.3
00945	SULFATE, TOTAL (MG/L AS SO4)	04/16/83-08/24/88	33	2.	1.624	3.	0.8	0.444	0.666	0.94	1.	2.	2.6
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/20/84-09/20/84	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/29/83-08/25/87	3	110.	130.	170.	110.	1200.	34.641	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	01/23/86-01/23/86	1	170.	170.	170.	170.	0.	0.	**	**	**	**
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	09/22/87-09/22/87	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	09/22/87-09/22/87	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			1.								
71825	ACIDITY, TOTAL (MG/L AS H)	07/29/83-08/24/88	24	0.02	0.027	0.06	0.005	0.	0.015	0.008	0.02	0.038	0.05
71870	BROMIDE (MG/L AS BR)	04/16/83-08/24/88	33 ##	0.01	0.011	0.025	0.005	0.	0.008	0.005	0.005	0.02	0.025
72015	DEPTH TO TOP OF SAMPLE INTERVAL (FT BELOW LSD)	07/29/83-08/25/87	23	11.5	11.1	15.7	2.5	9.625	3.102	6.	9.8	13.	14.68
72019	DEPTH TO WATER LEVEL (FEET BELOW LAND SURFACE)	02/03/87-03/31/87	2	10.92	10.92	12.	9.84	2.333	1.527	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0251

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	3	0	0.00	1	0	0.00				2	0	0.00			
		Other-Lo Lim.	6.5	3	0	0.00	1	0	0.00				2	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	20	0	0.00	11	0	0.00	7	0	0.00	2	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	23	0	0.00	13	0	0.00	7	0	0.00	3	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	20	0	0.00	11	0	0.00	7	0	0.00	2	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	33	0	0.00	17	0	0.00	11	0	0.00	5	0	0.00			
		Drinking Water	250.	33	0	0.00	17	0	0.00	11	0	0.00	5	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	33	0	0.00	17	0	0.00	11	0	0.00	5	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0252

NPS Station ID: ROMO0252
LAT/LON: 40.281948/-105.665005
Agency: 112WRD
Date Created: 10/31/87
Location: GLASS LAKE INLET - LOCH VALE
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 401655105395400
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 16.20
On/Off RF1:
RF3 Index: 14010001030000.00
RF3 Mile Point: 0.00
Distance from RF3: 0.06
On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0252

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	07/29/83-10/10/84	2	12.	12.	18.	6.	72.	8.485	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/13/84-10/10/84	3	5.	4.333	5.	3.	1.333	1.155	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	07/29/83-10/10/84	6	0.016	0.02	0.04	0.002	0.	0.016	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/20/84-10/10/84	2	0.005	0.005	0.006	0.003	0.	0.002	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	07/29/83-09/13/83	3	0.18	0.173	0.2	0.14	0.001	0.031	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/20/84-10/10/84	2	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/20/84-10/10/84	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/29/83-10/10/84	6 ##	0.028	0.026	0.05	0.001	0.001	0.026	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/29/83-10/10/84	6	0.1	0.09	0.1	0.06	0.	0.017	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/29/83-10/10/84	6	1.	1.333	2.	1.	0.267	0.516	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/20/84-09/20/84	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
71825	ACIDITY, TOTAL (MG/L AS H)	07/29/83-08/23/83	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
71870	BROMIDE (MG/L AS BR)	07/29/83-10/10/84	6 ##	0.015	0.013	0.025	0.	0.	0.013	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0252

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	2	0	0.00	2	0	0.00									
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	3	0	0.00	3	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	2	0	0.00	2	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	6	0	0.00	6	0	0.00									
		Drinking Water	250.	6	0	0.00	6	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	6	0	0.00	6	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0253

NPS Station ID: ROMO0253
LAT/LON: 40.281948/-105.665005
Agency: 112WRD
Date Created: 10/31/87
Location: GLASS LAKE METALIMNION - LOCH VALE
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 401655105395404
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 13.20
On/Off RF1:
RF3 Index: 10190006045401.58
RF3 Mile Point: 1.57
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0253

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/16/83-04/16/83	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/16/83-04/16/83	1	110.	110.	110.	110.	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	04/16/83-02/28/84	6	0.06	0.073	0.203	0.004	0.005	0.069	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	04/16/83-01/09/84	5	0.15	0.122	0.19	0.01	0.005	0.07	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/16/83-02/28/84	6 ##	0.05	0.043	0.05	0.005	0.	0.018	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/16/83-04/16/83	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	04/16/83-04/16/83	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/16/83-02/28/84	6	0.15	0.18	0.3	0.09	0.01	0.102	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	04/16/83-02/28/84	6	1.5	1.667	3.	1.	0.667	0.816	**	**	**	**
71825	ACIDITY, TOTAL (MG/L AS H)	07/29/83-08/23/83	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
71870	BROMIDE (MG/L AS BR)	04/16/83-02/28/84	6 ##	0.025	0.022	0.025	0.005	0.	0.008	**	**	**	**
72015	DEPTH TO TOP OF SAMPLE INTERVAL (FT BELOW LSD)	07/29/83-02/28/84	5	7.4	7.4	8.2	6.5	0.365	0.604	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0253

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	5	0	0.00	3	0	0.00	1	0	0.00	1	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	6	0	0.00	3	0	0.00	2	0	0.00	1	0	0.00			
		Drinking Water	250.	6	0	0.00	3	0	0.00	2	0	0.00	1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	6	0	0.00	3	0	0.00	2	0	0.00	1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0254

NPS Station ID: ROMO0254
LAT/LON: 40.281948/-105.665005
Agency: 112WRD
Date Created: 10/31/87
Location: GLASS LAKE OUTLET - LOCH VALE
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 401655105395403
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 13.20
On/Off RF1:
RF3 Index: 10190006045401.58
RF3 Mile Point: 1.57
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0254

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	09/13/83-07/15/86	5	5.	8.4	18.	3.	41.3	6.427	**	**	**	**
00065	STAGE, STREAM (FEET)	07/16/91-07/16/91	1	70.	70.	70.	70.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/10/84-07/29/86	11	5.	4.364	10.	1.	5.855	2.42	1.2	2.	5.	9.
00400	PH (STANDARD UNITS)	08/29/89-10/29/91	10	6.52	6.507	6.82	6.18	0.049	0.221	6.188	6.313	6.69	6.81
00400	CONVERTED PH (STANDARD UNITS)	08/29/89-10/29/91	10	6.504	6.457	6.82	6.18	0.052	0.228	6.188	6.312	6.69	6.81
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/29/89-10/29/91	10	0.314	0.349	0.661	0.151	0.03	0.174	0.155	0.204	0.488	0.65
00403	PH, LAB, STANDARD UNITS SU	06/05/85-07/29/86	2	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/05/85-07/29/86	2	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/05/85-07/29/86	2	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	07/29/83-07/22/92	37	0.01	0.015	0.109	0.001	0.	0.019	0.001	0.005	0.015	0.04
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/20/84-07/22/92	30	0.003	0.003	0.01	0.001	0.	0.002	0.001	0.002	0.004	0.005
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	07/29/83-07/22/92	30	0.23	0.238	0.42	0.005	0.009	0.097	0.14	0.17	0.295	0.388
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/20/84-07/22/92	30	0.2	0.28	1.2	0.1	0.04	0.199	0.1	0.2	0.325	0.4
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/10/84-10/10/84	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/29/83-07/22/92	37 ##	0.001	0.007	0.05	0.001	0.	0.015	0.001	0.001	0.005	0.05
00940	CHLORIDE,TOTAL IN WATER MG/L	07/29/83-07/22/92	38	0.1	0.144	0.5	0.06	0.006	0.079	0.079	0.1	0.2	0.2
00945	SULFATE, TOTAL (MG/L AS SO4)	07/29/83-07/22/92	38	1.	1.382	2.	0.8	0.258	0.508	0.9	1.	2.	2.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/20/84-09/20/84	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
71825	ACIDITY, TOTAL (MG/L AS H)	07/29/83-07/22/92	31	0.02	0.023	0.05	0.005	0.	0.012	0.005	0.02	0.03	0.04
71870	BROMIDE (MG/L AS BR)	07/29/83-07/22/92	38 ##	0.005	0.008	0.025	0.	0.	0.006	0.005	0.005	0.01	0.021

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0254

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	10	0	0.00	10	0	0.00									
		Other-Lo Lim.	6.5	10	5	0.50	10	5	0.50									
00403	PH, LAB	Fresh Chronic	9.	2	0	0.00	1	0	0.00				1	0	0.00			
		Other-Lo Lim.	6.5	2	0	0.00	1	0	0.00				1	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	30	0	0.00	28	0	0.00				2	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	30	0	0.00	28	0	0.00				2	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	30	0	0.00	28	0	0.00				2	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	38	0	0.00	35	0	0.00				3	0	0.00			
		Drinking Water	250.	38	0	0.00	35	0	0.00				3	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: ROMO0254

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	38	0	0.00	35	0	0.00				3	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 6/10 to 10/31 - Station ROMO0254

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	07/29/83-07/22/92	34	0.009	0.014	0.109	0.001	0.	0.02	0.001	0.004	0.015	0.037
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/20/84-07/22/92	28	0.003	0.003	0.01	0.001	0.	0.002	0.001	0.002	0.004	0.005
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	07/29/83-07/22/92	28	0.23	0.228	0.42	0.005	0.008	0.092	0.137	0.17	0.288	0.374
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/20/84-07/22/92	28	0.2	0.271	1.2	0.1	0.041	0.203	0.1	0.2	0.3	0.4
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/29/83-07/22/92	34 ##	0.001	0.006	0.05	0.001	0.	0.014	0.001	0.001	0.005	0.03
00940	CHLORIDE,TOTAL IN WATER MG/L	07/29/83-07/22/92	35	0.1	0.139	0.5	0.06	0.007	0.081	0.076	0.1	0.2	0.2
00945	SULFATE, TOTAL (MG/L AS SO4)	07/29/83-07/22/92	35	1.	1.329	2.	0.8	0.244	0.494	0.9	1.	2.	2.
71825	ACIDITY, TOTAL (MG/L AS H)	07/29/83-07/22/92	28	0.02	0.023	0.05	0.005	0.	0.012	0.005	0.02	0.03	0.041
71870	BROMIDE (MG/L AS BR)	07/29/83-07/22/92	35 ##	0.005	0.008	0.025	0.	0.	0.006	0.005	0.005	0.01	0.022

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/11 to 6/09 - Station ROMO0254

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	07/29/83-07/22/92	3	0.013	0.022	0.04	0.013	0.	0.016	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/20/84-07/22/92	2	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	07/29/83-07/22/92	2	0.38	0.38	0.39	0.37	0.	0.014	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/20/84-07/22/92	2	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/29/83-07/22/92	3	0.002	0.018	0.05	0.001	0.001	0.028	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/29/83-07/22/92	3	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/29/83-07/22/92	3	2.	2.	2.	2.	0.	0.	**	**	**	**
71825	ACIDITY, TOTAL (MG/L AS H)	07/29/83-07/22/92	3	0.03	0.027	0.04	0.01	0.	0.015	**	**	**	**
71870	BROMIDE (MG/L AS BR)	07/29/83-07/22/92	3	0.01	0.008	0.01	0.005	0.	0.003	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: ROMO0255

NPS Station ID: ROMO0255
LAT/LON: 40.281948/-105.665005
Agency: 112WRD
Date Created: 10/31/87
Location: GLASS LAKE SURFACE - LOCH VALE
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 401655105395401
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 13.20
On/Off RF1:
RF3 Index: 10190006045401.58
RF3 Mile Point: 1.57
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0255

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	02/15/83-04/16/83	2	1.	1.	2.	0.	2.	1.414	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	07/23/84-07/23/84	1	4.5	4.5	4.5	4.5	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/23/84-07/29/86	16	5.	4.125	7.	1.	2.117	1.455	2.4	3.	5.	5.6
00400	PH (STANDARD UNITS)	01/05/88-12/03/88	2	7.165	7.165	7.55	6.78	0.296	0.544	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	01/05/88-12/03/88	2	7.013	7.013	7.55	6.78	0.343	0.585	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/05/88-12/03/88	2	0.097	0.097	0.166	0.028	0.009	0.097	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	05/07/85-07/19/88	6	6.75	6.733	7.	6.5	0.031	0.175	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	05/07/85-07/19/88	6	6.747	6.705	7.	6.5	0.032	0.178	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/07/85-07/19/88	6	0.179	0.197	0.316	0.1	0.006	0.077	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/15/83-04/16/83	2	95.5	95.5	110.	81.	420.5	20.506	**	**	**	**
00417	ALKALINITY,FIXED ENDPOINT TITRATION, USGS LAB MG/L	02/03/87-02/03/87	1	5.3	5.3	5.3	5.3	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	04/16/83-01/23/90	36	0.01	0.02	0.211	0.001	0.001	0.037	0.001	0.003	0.023	0.046
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/20/84-01/23/90	27	0.003	0.003	0.01	0.001	0.	0.002	0.001	0.001	0.004	0.006
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	02/15/83-01/23/90	30	0.175	0.182	0.5	0.005	0.014	0.118	0.011	0.12	0.223	0.399
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/20/84-01/23/90	27	0.2	0.207	0.5	0.005	0.02	0.141	0.018	0.1	0.3	0.42
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/20/84-01/21/85	3	0.01	0.672	2.	0.005	1.323	1.15	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	02/15/83-01/23/90	39 ##	0.002	0.01	0.05	0.001	0.	0.017	0.001	0.001	0.006	0.05
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/15/83-04/16/83	2	6.5	6.5	7.	6.	0.5	0.707	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/05/88-12/03/88	3	1.6	1.5	1.9	1.	0.21	0.458	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	01/05/88-12/03/88	3	0.59	0.51	0.59	0.35	0.019	0.139	**	**	**	**
00931	SODIUM ADSORPTION RATIO	02/15/83-04/16/83	2	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/05/88-12/03/88	3	0.16	0.167	0.23	0.11	0.004	0.06	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	02/15/83-01/23/90	42	0.2	0.163	0.3	0.06	0.004	0.065	0.08	0.1	0.2	0.2
00945	SULFATE, TOTAL (MG/L AS SO4)	02/15/83-01/23/90	42	2.	1.702	3.	0.8	0.57	0.755	0.93	1.	2.	3.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/20/84-09/20/84	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	01/05/88-07/19/88	2	1.35	1.35	1.4	1.3	0.005	0.071	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	06/24/86-07/19/88	3	28.	66.333	150.	21.	5262.333	72.542	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	01/05/88-07/19/88	2	4.7	4.7	6.4	3.	5.78	2.404	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	01/05/88-07/19/88	2	17.	17.	23.	11.	72.	8.485	**	**	**	**
71825	ACIDITY, TOTAL (MG/L AS H)	07/29/83-01/23/90	32	0.02	0.025	0.05	0.005	0.	0.012	0.01	0.02	0.03	0.047
71870	BROMIDE (MG/L AS BR)	02/15/83-01/23/90	42 ##	0.005	0.011	0.05	0.	0.	0.01	0.005	0.005	0.013	0.025
72015	DEPTH TO TOP OF SAMPLE INTERVAL (FT BELOW LSD)	07/29/83-08/25/87	26	1.6	2.135	11.	0.5	4.021	2.005	1.2	1.6	1.6	3.96
72019	DEPTH TO WATER LEVEL (FEET BELOW LAND SURFACE)	02/03/87-03/31/87	2	3.14	3.14	3.28	3.	0.039	0.198	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0255

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	2	0	0.00				2	0	0.00						
		Other-Lo Lim.	6.5	2	0	0.00				2	0	0.00						
00403	PH, LAB	Fresh Chronic	9.	6	0	0.00	3	0	0.00	1	0	0.00	2	0	0.00			
		Other-Lo Lim.	6.5	6	1	0.17	3	1	0.33	1	0	0.00	2	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	27	0	0.00	14	0	0.00	11	0	0.00	2	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	30	0	0.00	15	0	0.00	12	0	0.00	3	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	27	0	0.00	14	0	0.00	11	0	0.00	2	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	42	0	0.00	21	0	0.00	16	0	0.00	5	0	0.00			
		Drinking Water	250.	42	0	0.00	21	0	0.00	16	0	0.00	5	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	42	0	0.00	21	0	0.00	16	0	0.00	5	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 6/10 to 10/31 - Station ROMO0255

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	04/16/83-01/23/90	19	0.009	0.015	0.075	0.001	0.	0.017	0.001	0.004	0.023	0.032
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	02/15/83-01/23/90	15	0.17	0.197	0.42	0.12	0.006	0.078	0.132	0.14	0.22	0.342
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	02/15/83-01/23/90	19 ##	0.001	0.01	0.05	0.001	0.	0.018	0.001	0.001	0.005	0.05
00940	CHLORIDE,TOTAL IN WATER MG/L	02/15/83-01/23/90	21	0.1	0.122	0.2	0.06	0.003	0.052	0.072	0.085	0.2	0.2
00945	SULFATE, TOTAL (MG/L AS SO4)	02/15/83-01/23/90	21	1.	1.071	2.	0.8	0.098	0.313	0.9	1.	1.	1.8
71825	ACIDITY, TOTAL (MG/L AS H)	07/29/83-01/23/90	17	0.02	0.026	0.05	0.005	0.	0.013	0.009	0.02	0.03	0.05
71870	BROMIDE (MG/L AS BR)	02/15/83-01/23/90	21 ##	0.005	0.009	0.025	0.	0.	0.008	0.005	0.005	0.01	0.025

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 4/10 - Station ROMO0255

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	04/16/83-01/23/90	14	0.007	0.022	0.211	0.001	0.003	0.055	0.001	0.003	0.012	0.119
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	02/15/83-01/23/90	12	0.18	0.173	0.5	0.005	0.019	0.138	0.005	0.058	0.225	0.44
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	02/15/83-01/23/90	16	0.003	0.009	0.05	0.001	0.	0.016	0.001	0.002	0.006	0.05
00940	CHLORIDE,TOTAL IN WATER MG/L	02/15/83-01/23/90	16	0.2	0.206	0.3	0.1	0.003	0.057	0.1	0.2	0.2	0.3
00945	SULFATE, TOTAL (MG/L AS SO4)	02/15/83-01/23/90	16	2.	2.375	3.	2.	0.25	0.5	2.	2.	3.	3.
71825	ACIDITY, TOTAL (MG/L AS H)	07/29/83-01/23/90	11	0.02	0.022	0.05	0.005	0.	0.011	0.008	0.02	0.02	0.046
71870	BROMIDE (MG/L AS BR)	02/15/83-01/23/90	16 ##	0.005	0.013	0.05	0.005	0.	0.012	0.005	0.005	0.02	0.033

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/11 to 6/09 - Station ROMO0255

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	04/16/83-01/23/90	3	0.035	0.04	0.072	0.013	0.001	0.03	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	02/15/83-01/23/90	3	0.02	0.147	0.41	0.01	0.052	0.228	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	02/15/83-01/23/90	4	0.003	0.014	0.05	0.001	0.001	0.024	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	02/15/83-01/23/90	5	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	02/15/83-01/23/90	5	2.	2.2	3.	2.	0.2	0.447	**	**	**	**
71825	ACIDITY, TOTAL (MG/L AS H)	07/29/83-01/23/90	4	0.03	0.03	0.04	0.02	0.	0.008	**	**	**	**
71870	BROMIDE (MG/L AS BR)	02/15/83-01/23/90	5	0.01	0.013	0.025	0.01	0.	0.007	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: ROMO0256

NPS Station ID: ROMO0256
LAT/LON: 40.282115/-105.664031
Agency: 11NPSWRD
Date Created: 06/30/99
Location: OUTLET STREAM FROM GLASS LAKE
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_JB_GLASSO
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MCHENRYS PEAK CO 7.5' (TOPOGRAPHICAL) SERIES QUADRANGLE. THE SITE IS AT THE OUTLET STREAM FROM GLASS LAKE AND IS LOCATED IN ROCKY MOUNTAIN NATIONAL PARK. DATA WERE COLLECTED FOR THE LOCH VALE WATERSHED STUDY; A LONG TERM MONITORING STUDY FOR THE NATIONAL ATMOSPHERIC DEPOSITION PROGRAM/NATIONAL ACID PRECIPITATION ASSESSMENT PROGRAM (NADP/NAPAP). THE NADP/NAPAP MONITORS WATER QUALITY OF SENSITIVE ENVIRONMENTS FOR CHANGES DUE TO ACID PRECIPITATION. JILL BARON IS THE PROJECT CONTACT FOR THE STUDY AT THE NATURAL RESOURCES ECOLOGY LABORATORY AT COLORADO STATE UNIVERSITY IN FORT COLLINS CO 8052 (TEL. 970-491-1968). FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0256

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/28/82-10/07/97	47	6.	6.051	10.	0.5	7.404	2.721	2.	4.	8.5	10.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/18/82-10/07/97	72	11.5	11.403	18.	6.	9.23	3.038	7.3	9.	14.	16.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/07/83-10/07/97	67	11.	12.075	51.	7.	34.282	5.855	8.	9.	13.	15.
00403	PH, LAB, STANDARD UNITS SU	06/07/83-10/07/97	57	6.6	6.614	8.2	5.8	0.167	0.409	6.18	6.4	6.75	7.12
00403	CONVERTED PH, LAB, STANDARD UNITS	06/07/83-10/07/97	57	6.6	6.464	8.2	5.8	0.19	0.436	6.18	6.4	6.75	7.12
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/07/83-10/07/97	57	0.251	0.344	1.585	0.006	0.095	0.308	0.076	0.179	0.398	0.664
00406	PH, FIELD, STANDARD UNITS SU	05/18/82-10/07/97	79	6.57	6.523	7.02	5.84	0.054	0.233	6.24	6.32	6.69	6.8
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/18/82-10/07/97	79	6.57	6.458	7.02	5.84	0.059	0.242	6.24	6.32	6.69	6.8
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/18/82-10/07/97	79	0.269	0.349	1.445	0.095	0.048	0.22	0.158	0.204	0.479	0.575
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	06/08/82-10/07/97	74	0.03	0.035	0.07	0.009	0.	0.01	0.02	0.03	0.04	0.05
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/18/82-07/22/92	40	0.009	0.01	0.033	0.003	0.	0.007	0.003	0.004	0.01	0.016
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	05/18/82-10/07/97	62	0.003	0.005	0.03	0.	0.	0.006	0.	0.003	0.006	0.009
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	06/26/84-10/07/97	29	0.7	0.734	1.7	0.1	0.124	0.353	0.4	0.5	0.85	1.4
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/18/82-10/07/97	81	1.2	1.227	2.	0.6	0.113	0.335	0.8	0.9	1.5	1.7
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/18/82-10/07/97	81	0.2	0.173	0.3	0.01	0.004	0.061	0.1	0.1	0.2	0.2
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/18/82-10/07/97	81	0.4	0.399	1.3	0.2	0.018	0.134	0.28	0.3	0.46	0.508
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/18/82-10/07/97	81	0.15	0.15	0.36	0.07	0.003	0.05	0.1	0.12	0.17	0.208
00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/18/82-10/07/97	81	0.1	0.134	0.8	0.	0.014	0.118	0.052	0.085	0.2	0.2
00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/18/82-10/07/97	81	1.5	1.504	2.9	0.	0.215	0.463	1.	1.1	1.8	2.18

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: ROMO0256

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/07/83-09/27/93	52	0.09	0.094	0.19	0.	0.001	0.026	0.07	0.08	0.1	0.12
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/20/82-10/07/97	63	1.3	1.402	3.3	0.6	0.191	0.437	1.	1.1	1.7	1.9
01046	IRON, DISSOLVED (UG/L AS FE)	06/07/83-07/22/92	48	17.5	20.375	90.	3.	207.473	14.404	8.9	11.	25.	33.6
01056	MANGANESE, DISSOLVED (UG/L AS MN)	06/07/83-07/22/92	48	1.	2.215	8.5	1.	3.788	1.946	1.	1.	2.225	5.82
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/14/82-09/27/93	49	20.	22.553	79.	0.06	226.723	15.057	9.	12.	29.	40.
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	06/07/83-10/07/97	66	0.01	0.022	0.14	0.	0.001	0.026	0.	0.004	0.033	0.05
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/18/82-10/07/97	80	1.2	1.161	2.	0.	0.177	0.421	0.61	0.8	1.5	1.7

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0256

				Total	Exceed	Prop.	6/10-10/31			11/01-4/10			4/11-6/09			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00403	PH, LAB	Fresh Chronic	9.	57	0	0.00	54	0	0.00				3	0	0.00			
		Other-Lo Lim.	6.5	57	27	0.47	54	27	0.50				3	0	0.00			
00406	PH, FIELD	Fresh Chronic	9.	79	0	0.00	71	0	0.00				8	0	0.00			
		Other-Lo Lim.	6.5	79	35	0.44	71	31	0.44				8	4	0.50			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	40	0	0.00	35	0	0.00				5	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	81	0	0.00	73	0	0.00				8	0	0.00			
		Drinking Water	250.	81	0	0.00	73	0	0.00				8	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	81	0	0.00	73	0	0.00				8	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	52	0	0.00	47	0	0.00				5	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	80	0	0.00	72	0	0.00				8	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 6/10 to 10/31 - Station ROMO0256

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/28/82-10/07/97	42	6.5	6.402	10.	0.5	6.894	2.626	2.24	4.725	9.	10.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/18/82-10/07/97	64	10.5	10.922	17.	6.	8.073	2.841	7.	8.	13.	15.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/07/83-10/07/97	61	11.	11.508	51.	7.	31.887	5.647	8.	9.	12.5	14.
00403	PH, LAB, STANDARD UNITS SU	06/07/83-10/07/97	54	6.55	6.607	8.2	5.8	0.175	0.418	6.15	6.4	6.725	7.15
00403	CONVERTED PH, LAB, STANDARD UNITS	06/07/83-10/07/97	54	6.547	6.453	8.2	5.8	0.199	0.446	6.15	6.4	6.725	7.15
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/07/83-10/07/97	54	0.284	0.352	1.585	0.006	0.099	0.314	0.071	0.189	0.398	0.713
00406	PH, FIELD, STANDARD UNITS SU	05/18/82-10/07/97	71	6.57	6.53	7.02	6.	0.05	0.224	6.25	6.32	6.69	6.824
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/18/82-10/07/97	71	6.57	6.472	7.02	6.	0.053	0.231	6.25	6.32	6.69	6.824
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/18/82-10/07/97	71	0.269	0.337	1.	0.095	0.034	0.185	0.15	0.204	0.479	0.562
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	06/08/82-10/07/97	67	0.03	0.033	0.05	0.009	0.	0.008	0.02	0.03	0.04	0.04
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/18/82-07/22/92	35	0.007	0.01	0.033	0.003	0.	0.007	0.003	0.005	0.01	0.018
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	05/18/82-10/07/97	57	0.003	0.005	0.03	0.	0.	0.007	0.	0.003	0.006	0.011
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	06/26/84-10/07/97	27	0.6	0.67	1.4	0.1	0.071	0.267	0.36	0.5	0.8	1.02
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/18/82-10/07/97	73	1.2	1.17	1.8	0.6	0.087	0.296	0.8	0.9	1.4	1.56
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/18/82-10/07/97	73	0.2	0.165	0.3	0.01	0.003	0.057	0.1	0.1	0.2	0.2
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/18/82-10/07/97	73	0.39	0.391	1.3	0.2	0.019	0.138	0.274	0.3	0.44	0.5
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/18/82-10/07/97	73	0.14	0.142	0.31	0.07	0.002	0.039	0.1	0.12	0.16	0.18
00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/18/82-10/07/97	73	0.1	0.128	0.8	0.	0.015	0.123	0.05	0.075	0.1	0.2
00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/18/82-10/07/97	73	1.4	1.429	2.3	0.	0.168	0.41	0.94	1.1	1.8	1.9
00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/07/83-09/27/93	47	0.09	0.094	0.19	0.	0.001	0.027	0.068	0.08	0.1	0.12
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/20/82-10/07/97	57	1.3	1.428	3.3	0.6	0.199	0.446	1.	1.1	1.7	1.92
01046	IRON, DISSOLVED (UG/L AS FE)	06/07/83-07/22/92	43	15.	19.721	90.	3.	227.301	15.077	8.4	11.	25.	36.6
01056	MANGANESE, DISSOLVED (UG/L AS MN)	06/07/83-07/22/92	43	1.	1.87	8.5	1.	2.719	1.649	1.	1.	2.	4.6
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/14/82-09/27/93	45	20.	20.869	67.	0.06	167.505	12.942	8.6	11.	26.5	40.
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	06/07/83-10/07/97	60	0.01	0.021	0.14	0.	0.001	0.027	0.	0.003	0.03	0.05
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/18/82-10/07/97	72	1.15	1.137	1.9	0.	0.177	0.42	0.6	0.8	1.475	1.7

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/11 to 6/09 - Station ROMO0256

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/28/82-10/07/97	5	3.	3.1	5.	1.	2.3	1.517	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/18/82-10/07/97	8	15.	15.25	18.	14.	1.929	1.389	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/07/83-10/07/97	6	16.	17.833	26.	13.	26.167	5.115	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/07/83-10/07/97	3	6.7	6.733	6.9	6.6	0.023	0.153	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/07/83-10/07/97	3	6.7	6.716	6.9	6.6	0.024	0.154	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/07/83-10/07/97	3	0.2	0.192	0.251	0.126	0.004	0.063	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	05/18/82-10/07/97	8	6.55	6.466	6.8	5.84	0.101	0.318	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/18/82-10/07/97	8	6.547	6.346	6.8	5.84	0.118	0.343	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/18/82-10/07/97	8	0.284	0.451	1.445	0.158	0.185	0.43	**	**	**	**
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	06/08/82-10/07/97	7	0.05	0.05	0.07	0.04	0.	0.01	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/18/82-07/22/92	5	0.01	0.01	0.016	0.003	0.	0.006	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	05/18/82-10/07/97	5	0.003	0.004	0.006	0.003	0.	0.002	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	06/26/84-10/07/97	2	1.6	1.6	1.7	1.5	0.02	0.141	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/18/82-10/07/97	8	1.75	1.75	2.	1.4	0.04	0.2	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/18/82-10/07/97	8	0.25	0.25	0.3	0.2	0.003	0.053	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/18/82-10/07/97	8	0.47	0.469	0.52	0.4	0.002	0.043	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/18/82-10/07/97	8	0.22	0.219	0.36	0.07	0.007	0.081	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/18/82-10/07/97	8	0.2	0.188	0.2	0.1	0.001	0.035	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/18/82-10/07/97	8	2.15	2.188	2.9	1.7	0.133	0.364	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/07/83-09/27/93	5	0.09	0.096	0.11	0.09	0.	0.009	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/20/82-10/07/97	6	1.25	1.15	1.3	0.7	0.055	0.235	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	06/07/83-07/22/92	5	25.	26.	30.	23.	7.	2.646	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	06/07/83-07/22/92	5	5.2	5.18	8.	3.	3.682	1.919	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/14/82-09/27/93	4	31.	41.5	79.	25.	649.667	25.489	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	06/07/83-10/07/97	6	0.03	0.037	0.07	0.02	0.	0.021	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/11 to 6/09 - Station ROMO0256

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/18/82-10/07/97	8	1.35	1.375	2.	0.9	0.148	0.385	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: ROMO0257

NPS Station ID: ROMO0257
LAT/LON: 40.282115/-105.664031
Agency: 11NPSWRD
Date Created: 08/28/99
Location: Icy Brook Glass Lake Outlet
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_SM_GGGLO
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the McHenrys Peak CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0257

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	1	35.	35.	35.	35.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	1	6.04	6.04	6.04	6.04	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/31/81-07/31/81	1	6.04	6.04	6.04	6.04	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.912	0.912	0.912	0.912	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	1	32.	32.	32.	32.	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	1	0.007	0.007	0.007	0.007	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	1	0.23	0.23	0.23	0.23	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	1	1.9	1.9	1.9	1.9	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0257

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0258

NPS Station ID: ROMO0258
LAT/LON: 40.282226/-105.662227
Agency: 112WRD
Date Created: 02/01/92
Location: LVSYN2
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 401656105394400
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC:
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 12.60
On/Off RF1:
RF3 Index: 10190006045401.58
RF3 Mile Point: 1.57
Distance from RF3: 0.08
On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0258

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403	PH, LAB, STANDARD UNITS SU	09/25/91-09/25/91	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/25/91-09/25/91	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/25/91-09/25/91	1	0.126	0.126	0.126	0.126	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/25/91-09/25/91	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/25/91-09/25/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/25/91-09/25/91	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/25/91-09/25/91	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/25/91-09/25/91	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/25/91-09/25/91	1	3.6	3.6	3.6	3.6	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/25/91-09/25/91	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/25/91-09/25/91	1	0.95	0.95	0.95	0.95	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/25/91-09/25/91	1	0.52	0.52	0.52	0.52	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/25/91-09/25/91	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/25/91-09/25/91	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/25/91-09/25/91	1	0.29	0.29	0.29	0.29	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/25/91-09/25/91	1	4.7	4.7	4.7	4.7	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/25/91-09/25/91	1	7.	7.	7.	7.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/25/91-09/25/91	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/25/91-09/25/91	1	20.	20.	20.	20.	0.	0.	**	**	**	**
71870	BROMIDE (MG/L AS BR)	09/25/91-09/25/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0258

				Total	Exceed	Prop.	----------6/10-10/31----------			----------11/01-4/10----------			----------4/11-6/09----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: ROMO0258

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0259

NPS Station ID: ROMO0259
LAT/LON: 40.282226/-105.662504
Agency: 112WRD
Date Created: 11/14/92
Location: NANO 6N
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 401656105394508
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC:
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 11.20
On/Off RF1:
RF3 Index: 10190006045401.14
RF3 Mile Point: 1.13
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0259

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/12/92-07/27/93	2 ##	0.031	0.031	0.061	0.001	0.002	0.042	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: ROMO0260

NPS Station ID: ROMO0260
LAT/LON: 40.282226/-105.662504
Agency: 112WRD
Date Created: 11/09/91
Location: NANO1OUT
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 401656105394500
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC:
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 12.30
On/Off RF1:
RF3 Index: 10190006045401.14
RF3 Mile Point: 1.13
Distance from RF3: 0.06
On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0260

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	07/12/92-09/21/93	30	0.013	0.019	0.075	0.004	0.	0.016	0.008	0.01	0.024	0.038
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	07/02/91-09/25/91	12	0.01	0.016	0.074	0.001	0.	0.019	0.001	0.007	0.015	0.059
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	07/02/91-09/25/91	12	0.003	0.005	0.011	0.001	0.	0.003	0.001	0.003	0.007	0.011
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/02/91-09/25/91	12	0.01	0.026	0.17	0.003	0.002	0.046	0.004	0.009	0.02	0.128
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/02/91-09/25/91	12	1.75	1.783	2.5	1.3	0.091	0.301	1.36	1.625	1.875	2.38
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/02/91-09/25/91	12	0.3	0.308	0.5	0.2	0.008	0.09	0.2	0.225	0.375	0.47
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/02/91-09/25/91	12	0.405	0.468	0.77	0.33	0.022	0.148	0.333	0.35	0.568	0.743
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/02/91-09/25/91	12	0.34	0.342	0.54	0.24	0.006	0.076	0.249	0.293	0.37	0.495
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/02/91-09/25/91	12	2.6	2.808	4.3	2.	0.332	0.576	2.12	2.5	3.075	3.97
01046	IRON, DISSOLVED (UG/L AS FE)	07/02/91-09/25/91	12	29.	40.	130.	20.	997.455	31.583	20.	21.	45.5	110.8
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/02/91-09/25/91	12	6.5	9.458	35.	0.5	116.521	10.794	0.95	2.25	9.5	32.9
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/25/91-09/25/91	1	50.	50.	50.	50.	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	07/02/91-09/25/91	12 ##	0.001	0.005	0.031	0.001	0.	0.009	0.001	0.001	0.007	0.024

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0260

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	12	0	0.00	12	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	12	0	0.00	12	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0261

NPS Station ID: ROMO0261 | LAT/LON: 40.282976/-105.609031 | Agency: 11NPSWRD | Date Created: 07/03/99
Location: BOULDER BROOK AT 11000 FT. | FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): ROMO_NJ_BB2
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006 | Depth of Water: 0 | Aquifer:
Major Basin: MISSOURI RIVER | Elevation: 0 | Water Body Id:
Minor Basin: SOUTH PLATTE RIVER | ECO Region:
RF1 Index: 10190006 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE LONGS PEAK CO. 7.5' (TOPOGRAPHICAL) SERIES QUADRANGLE. THE SITE IS AT BOULDER BROOK AT 11000 FEET ELEVATION AND IS LOCATED IN ROCKY MOUNTAIN NATIONAL PARK. THE DATA WERE COLLECTED BY NANCY JACOBSON TO CONTINUE THE BASELINE WATER QUALITY MONITORING PROGRAMS FOR THE BIG THOMPSON AND FALL RIVERS; AND TO ASSESS PRESENT HUMAN IMPACTS TO BIOLOGICAL PARAMETERS OF WATER QUALITY IN BOULDER BROOK. ONLY TEMPERATURE AND BACTERIOLOGICAL RESULTS WERE AVAILABLE AT THE TIME OF REPORT WRITING. FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0261

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/03/81-08/29/82	14	2.	1.929	3.	1.	0.418	0.646	1.	1.375	2.125	3.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/03/81-08/29/82	14	2.5	7.143	65.	0.	283.824	16.847	0.	0.75	5.	37.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/03/81-08/29/82	14	0.389	0.439	1.813	0.	0.271	0.52	0.	0.	0.699	1.384
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.749								
61214	FECAL STREPTOCOCCI, GENERAL #/100ML	08/03/81-08/29/82	13	18.	27.	80.	0.	722.667	26.882	0.	5.5	50.5	76.
61215	FECAL COLIFORM, GENERAL #/100ML	08/03/81-08/29/82	13	0.	0.538	5.	0.	1.936	1.391	0.	0.	0.5	3.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0261

				Total	Exceed	Prop.	6/10-10/31			11/01-4/10			4/11-6/09			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	14	0	0.00	12	0	0.00				2	0	0.00			
61215	FECAL COLIFORM, GENERAL #/100ML	Other-Hi Lim.	200.	13	0	0.00	11	0	0.00				2	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0262

NPS Station ID: ROMO0262
LAT/LON: 40.283892/-105.661670
Agency: 112WRD
Date Created: 02/01/92
Location: LVSYN21
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 401702105394200
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC:
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 12.00
On/Off RF1:
RF3 Index: 10190006045401.14
RF3 Mile Point: 1.13
Distance from RF3: 0.05
On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0262

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403	PH, LAB, STANDARD UNITS SU	09/26/91-09/26/91	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/26/91-09/26/91	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/26/91-09/26/91	1	0.032	0.032	0.032	0.032	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/26/91-09/26/91	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/26/91-09/26/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/26/91-09/26/91	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/26/91-09/26/91	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/26/91-09/26/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/26/91-09/26/91	1	5.1	5.1	5.1	5.1	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/26/91-09/26/91	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/26/91-09/26/91	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/26/91-09/26/91	1	0.43	0.43	0.43	0.43	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/26/91-09/26/91	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/26/91-09/26/91	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/26/91-09/26/91	1	0.37	0.37	0.37	0.37	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/26/91-09/26/91	1	4.2	4.2	4.2	4.2	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/26/91-09/26/91	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/26/91-09/26/91	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/26/91-09/26/91	1	20.	20.	20.	20.	0.	0.	**	**	**	**
71870	BROMIDE (MG/L AS BR)	09/26/91-09/26/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0262

Parameter			Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: ROMO0262

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00950 FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0263

NPS Station ID: ROMO0263
LAT/LON: 40.284059/-105.600310
Agency: 11NPSWRD
Date Created: 08/21/99
Location: Boulder Brook Spring @ 11500 ft.
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): ROMO_JS_BBSPG1
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 3536
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the Longs Peak CO 7.5' (topographic) series quadrangle in Rocky Mountain National Park. The station is a spring north of Battle Mountain off the North Longs Peak Trail at 11500'. The data originated from a University of Colorado dissertation entitled "Isotopic and Chemical Flowpath Separation of Streamflow During Snowmelt and Hydrogeological Controls of Surface-Water Chemistry in Six Alpine-Subalpine Basins; Rocky Mountain National Park; Colorado" 1996 by Julie K. Sueker. Sueker also contributed other data that weren't included in her dissertation. For more information about the data; contact Julie K. Sueker; Exponent Environmental Group; 4940 Pearl East Circle Ste. 300; Boulder CO 80301 (Tel. 970-444-7270). For information on the park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 97 -586-1206). Data were uploaded to STORET by Margaret Matter; NPS-WRD; 1201 Oak Ridge Dr. Ste. 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0263

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/06/93-08/15/95	5	24.	23.4	25.	22.	1.8	1.342	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	09/06/93-08/15/95	5	6.9	6.96	7.1	6.9	0.008	0.089	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/06/93-08/15/95	5	6.9	6.953	7.1	6.9	0.008	0.09	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/06/93-08/15/95	5	0.126	0.111	0.126	0.079	0.	0.021	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	09/06/93-08/15/95	5	134.	139.54	184.3	106.3	916.433	30.273	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/06/93-08/15/95	5	0.3	0.32	0.5	0.2	0.017	0.13	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	09/06/93-08/15/95	5	4.7	4.46	5.	3.3	0.453	0.673	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/06/93-08/15/95	5	7.	7.98	10.3	6.5	3.187	1.785	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/15/95-08/15/95	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
46552	CALCIUM,FIELD ACIDIFIED W/HNO3 LAB FILTER(MG/L)	09/06/93-10/09/94	4	2.055	1.968	2.23	1.53	0.092	0.303	**	**	**	**
46554	MAGNESIUM,FIELD ACIDIFIED-HNO3-LAB FILT(MG/L-MG)	09/06/93-10/09/94	4	0.43	0.418	0.52	0.29	0.012	0.111	**	**	**	**
46555	POTASSIUM,FIELD ACIDIFIED-HNO3-LAB FILT.(MG/L-K))	09/06/93-10/09/94	4	0.325	0.318	0.36	0.26	0.002	0.046	**	**	**	**
46556	SODIUM, FIELD ACIDIFIED W/HNO3, LAB FILTERED MG/L	09/06/93-10/09/94	4	1.895	1.768	2.14	1.14	0.188	0.434	**	**	**	**
50790	OXYGEN-18, (DELTA UNITS - PARTS PER THOUSAND)	07/20/94-10/09/94	3	-10.61	-10.627	-10.45	-10.82	0.034	0.186	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	08/15/95-08/15/95	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/06/93-08/15/95	5	0.02	0.018	0.03	0.	0.	0.011	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0263

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	5	0	0.00	5	0	0.00									
		Other-Lo Lim.	6.5	5	0	0.00	5	0	0.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	5	5	1.00	5	5	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	5	0	0.00	5	0	0.00									
		Drinking Water	250.	5	0	0.00	5	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	5	0	0.00	5	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	5	0	0.00	5	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0264

NPS Station ID: ROMO0264
LAT/LON: 40.284448/-105.661393
Agency: 112WRD
Date Created: 02/01/92
Location: LVSYN22
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 401704105394100
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC:
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 11.00
On/Off RF1:
RF3 Index: 10190006045401.14
RF3 Mile Point: 1.13
Distance from RF3: 0.07
On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0264

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403	PH, LAB, STANDARD UNITS SU	09/26/91-09/26/91	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/26/91-09/26/91	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/26/91-09/26/91	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/26/91-09/26/91	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/26/91-09/26/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/26/91-09/26/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/26/91-09/26/91	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/26/91-09/26/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/26/91-09/26/91	1	2.6	2.6	2.6	2.6	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/26/91-09/26/91	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/26/91-09/26/91	1	0.39	0.39	0.39	0.39	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/26/91-09/26/91	1	0.37	0.37	0.37	0.37	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/26/91-09/26/91	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/26/91-09/26/91	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/26/91-09/26/91	1	0.13	0.13	0.13	0.13	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/26/91-09/26/91	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/26/91-09/26/91	1	22.	22.	22.	22.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/26/91-09/26/91	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/26/91-09/26/91	1	20.	20.	20.	20.	0.	0.	**	**	**	**
71870	BROMIDE (MG/L AS BR)	09/26/91-09/26/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0264

				Total	Exceed	Prop.	----------6/10-10/31----------			----------11/01-4/10----------			----------4/11-6/09----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: ROMO0264

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0265

NPS Station ID: ROMO0265
LAT/LON: 40.284726/-105.660837
Agency: 112WRD
Date Created: 02/01/92
Location: LVSYN23
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 401705105393900
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC:
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 10.60
On/Off RF1:
RF3 Index: 10190006045401.14
RF3 Mile Point: 1.13
Distance from RF3: 0.10
On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0265

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403	PH, LAB, STANDARD UNITS SU	09/26/91-09/26/91	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/26/91-09/26/91	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/26/91-09/26/91	1	0.079	0.079	0.079	0.079	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/26/91-09/26/91	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/26/91-09/26/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/26/91-09/26/91	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/26/91-09/26/91	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/26/91-09/26/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/26/91-09/26/91	1	5.2	5.2	5.2	5.2	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/26/91-09/26/91	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/26/91-09/26/91	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/26/91-09/26/91	1	0.49	0.49	0.49	0.49	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/26/91-09/26/91	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/26/91-09/26/91	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/26/91-09/26/91	1	0.32	0.32	0.32	0.32	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/26/91-09/26/91	1	4.1	4.1	4.1	4.1	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/26/91-09/26/91	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/26/91-09/26/91	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/26/91-09/26/91	1	20.	20.	20.	20.	0.	0.	**	**	**	**
71870	BROMIDE (MG/L AS BR)	09/26/91-09/26/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0265

Parameter				Total	Exceed	Prop.	----------6/10-10/31----------			----------11/01-4/10----------			----------4/11-6/09----------			--------------n/a--------------		
		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: ROMO0265

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00950 FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0266

NPS Station ID: ROMO0266
LAT/LON: 40.284726/-105.675281
Agency: 112WRD
Date Created: 02/01/92
Location: LVSYN31
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 401705105403100
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC:
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 10.20
On/Off RF1:
RF3 Index: 10190006045401.14
RF3 Mile Point: 1.13
Distance from RF3: 0.14
On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0266

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403	PH, LAB, STANDARD UNITS SU	09/28/91-09/28/91	1	6.2	6.2	6.2	6.2	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/28/91-09/28/91	1	6.2	6.2	6.2	6.2	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/28/91-09/28/91	1	0.631	0.631	0.631	0.631	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/28/91-09/28/91	1	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/28/91-09/28/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/28/91-09/28/91	1	0.35	0.35	0.35	0.35	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/28/91-09/28/91	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/28/91-09/28/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/28/91-09/28/91	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/28/91-09/28/91	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/28/91-09/28/91	1	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/28/91-09/28/91	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/28/91-09/28/91	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/28/91-09/28/91	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/28/91-09/28/91	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/28/91-09/28/91	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/28/91-09/28/91	1	14.	14.	14.	14.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/28/91-09/28/91	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/28/91-09/28/91	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
71870	BROMIDE (MG/L AS BR)	09/28/91-09/28/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0266

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: ROMO0266

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0267

NPS Station ID: ROMO0267
LAT/LON: 40.284837/-105.639226
Agency: 11NPSWRD
Date Created: 08/28/99
Location: Glacier Creek above Jewel Lake
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_SM_GGAJL
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the McHenrys Peak CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0267

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	1	27.	27.	27.	27.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/31/81-07/31/81	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.316	0.316	0.316	0.316	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	1	6.44	6.44	6.44	6.44	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/31/81-07/31/81	1	6.44	6.44	6.44	6.44	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.363	0.363	0.363	0.363	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	1	54.	54.	54.	54.	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	1	0.11	0.11	0.11	0.11	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	1	3.3	3.3	3.3	3.3	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0267

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0268

NPS Station ID: ROMO0268
LAT/LON: 40.285281/-105.663892
Agency: 11NPSWRD
Date Created: 06/12/99
Location: ICY BROOK
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_USGS_ICY
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MCHENRYS PEAK CO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT ICY BROOK IN LOCH VALE WATERSHED AND IS WITHIN ROCKY MOUNTAIN NATIONAL PARK. THE DATA WERE COLLECTED BY THE U.S.G.S. TO SUPPLEMENT ONGOING MONITORING ACID PRECIPITATION FOR THE LOCH VALE WATERSHED STUDY. THE STUDY EXAMINED RUNOFF SOURCES AND FLOWPATHS; AND BIOGEOCHEMICAL PROCESSES CONTROLLING THE RELEASE OF SOLUTES FROM THE SNOWPACK. DETAILS OF THE STUDY MAY BE OBTAINED FROM DR. DAVID CLOW OF THE U.S.G.S. IN LAKEWOOD CO (TEL. 970-236-4882). FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0268

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/01/94-11/12/98	37	7.	5.997	11.8	0.5	12.403	3.522	1.	3.	9.	10.6
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/05/92-11/12/98	357	6.	6.707	38.	0.4	15.519	3.939	3.	4.	8.	11.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/05/92-07/14/98	364	13.	12.874	22.	8.	8.116	2.849	9.	11.	15.	16.
00400	PH (STANDARD UNITS)	05/05/92-08/20/98	360	6.65	6.657	6.92	6.36	0.011	0.104	6.53	6.58	6.73	6.79
00400	CONVERTED PH (STANDARD UNITS)	05/05/92-08/20/98	360	6.65	6.645	6.92	6.36	0.011	0.104	6.53	6.58	6.73	6.79
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/05/92-08/20/98	360	0.224	0.227	0.437	0.12	0.003	0.055	0.162	0.186	0.263	0.295
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/05/92-08/20/98	367	3.	3.232	7.	2.	0.457	0.676	3.	3.	4.	4.
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	05/05/94-08/04/98	28	0.9	1.425	5.7	0.5	1.43	1.196	0.6	0.7	1.675	3.22
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/05/92-09/24/98	373	1.3	1.306	2.4	0.8	0.084	0.289	0.9	1.1	1.5	1.7
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/05/92-09/24/98	373	0.2	0.19	0.3	0.1	0.003	0.056	0.1	0.2	0.2	0.3
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/05/92-09/24/98	373	0.38	0.391	0.7	0.24	0.008	0.091	0.27	0.315	0.46	0.516
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/05/92-10/20/97	349	0.14	0.157	0.63	0.06	0.005	0.072	0.08	0.1	0.19	0.24
00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/05/92-11/12/98	375	0.1	0.141	2.	0.02	0.015	0.121	0.06	0.08	0.2	0.2
00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/05/92-11/12/98	374	1.7	1.655	2.7	0.9	0.188	0.434	1.1	1.3	2.	2.2
00955	SILICA, DISSOLVED (MG/L AS SI02)	05/05/92-09/24/98	369	1.4	1.401	2.3	0.6	0.112	0.335	0.9	1.2	1.7	1.8
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	05/22/93-09/24/98	212	6.	6.391	13.	0.9	4.349	2.085	4.	5.	7.75	9.
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	05/05/92-10/20/97	351	0.01	0.017	0.19	0.004	0.	0.022	0.004	0.004	0.02	0.03
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/05/92-11/12/98	376	1.3	1.332	3.4	0.5	0.219	0.468	0.7	0.9	1.7	1.9

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0268

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	360	0	0.00	251	0	0.00	1	0	0.00	108	0	0.00			
		Other-Lo Lim.	6.5	360	24	0.07	251	17	0.07	1	0	0.00	108	7	0.06			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	375	0	0.00	262	0	0.00	2	0	0.00	111	0	0.00			
		Drinking Water	250.	375	0	0.00	262	0	0.00	2	0	0.00	111	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	374	0	0.00	261	0	0.00	2	0	0.00	111	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	376	0	0.00	263	0	0.00	2	0	0.00	111	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1992 - Station ROMO0268

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/05/92-11/12/98	96	5.	5.479	11.	1.	6.547	2.559	2.	3.25	7.75	9.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/05/92-07/14/98	96	14.	13.948	18.	11.	4.513	2.124	11.	12.	16.	16.
00400	PH (STANDARD UNITS)	05/05/92-08/20/98	96	6.68	6.689	6.84	6.54	0.006	0.075	6.6	6.63	6.76	6.8
00400	CONVERTED PH (STANDARD UNITS)	05/05/92-08/20/98	96	6.68	6.683	6.84	6.54	0.006	0.075	6.6	6.63	6.76	6.8
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/05/92-08/20/98	96	0.209	0.207	0.288	0.145	0.001	0.035	0.158	0.174	0.234	0.251
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/05/92-08/20/98	96	3.	3.313	5.	3.	0.238	0.488	3.	3.	4.	4.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/05/92-09/24/98	96	1.45	1.405	1.8	1.	0.046	0.214	1.1	1.2	1.6	1.7
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/05/92-09/24/98	96	0.2	0.211	0.3	0.2	0.001	0.032	0.2	0.2	0.2	0.3
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/05/92-09/24/98	96	0.455	0.439	0.57	0.3	0.006	0.076	0.32	0.383	0.5	0.533
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/05/92-10/20/97	96	0.16	0.162	0.27	0.07	0.002	0.048	0.107	0.12	0.18	0.24
00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/05/92-11/12/98	96	0.2	0.154	0.3	0.03	0.003	0.057	0.1	0.1	0.2	0.2
00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/05/92-11/12/98	96	1.9	1.876	2.4	1.3	0.118	0.343	1.4	1.6	2.2	2.3
00955	SILICA, DISSOLVED (MG/L AS SI02)	05/05/92-09/24/98	96	1.6	1.585	2.	1.	0.071	0.266	1.2	1.4	1.8	1.9
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	05/05/92-10/20/97	96	0.02	0.019	0.17	0.004	0.	0.021	0.004	0.004	0.03	0.04
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/05/92-11/12/98	96	1.4	1.414	2.2	0.8	0.151	0.388	0.8	1.1	1.7	2.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station ROMO0268

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/05/92-11/12/98	85	7.	7.588	21.	2.	12.793	3.577	4.	5.	10.	12.4
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/05/92-07/14/98	87	13.	13.057	21.	9.	8.962	2.994	9.	10.	15.	17.
00400	PH (STANDARD UNITS)	05/05/92-08/20/98	87	6.66	6.676	6.88	6.42	0.013	0.114	6.546	6.59	6.77	6.844
00400	CONVERTED PH (STANDARD UNITS)	05/05/92-08/20/98	87	6.66	6.661	6.88	6.42	0.013	0.115	6.546	6.59	6.77	6.844
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/05/92-08/20/98	87	0.219	0.218	0.38	0.132	0.003	0.057	0.143	0.17	0.257	0.284
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/05/92-08/20/98	86	3.	3.279	6.	2.	0.345	0.587	3.	3.	4.	4.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/05/92-09/24/98	86	1.3	1.323	2.	0.9	0.1	0.316	0.9	1.	1.6	1.73
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/05/92-09/24/98	86	0.2	0.192	0.3	0.1	0.003	0.058	0.1	0.2	0.2	0.3
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/05/92-09/24/98	86	0.36	0.386	0.62	0.25	0.01	0.1	0.26	0.3	0.473	0.533
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/05/92-10/20/97	85	0.15	0.162	0.63	0.08	0.007	0.081	0.09	0.11	0.2	0.23
00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/05/92-11/12/98	87	0.1	0.149	0.6	0.05	0.008	0.092	0.06	0.07	0.2	0.3
00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/05/92-11/12/98	87	1.7	1.713	2.7	1.1	0.213	0.461	1.1	1.2	2.1	2.4
00955	SILICA, DISSOLVED (MG/L AS SI02)	05/05/92-09/24/98	86	1.6	1.519	2.1	0.7	0.103	0.32	1.1	1.2	1.8	1.9
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	05/22/93-09/24/98	23	6.	5.87	11.	2.	10.573	3.252	2.	3.	9.	9.6
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	05/05/92-10/20/97	86	0.01	0.015	0.1	0.004	0.	0.014	0.004	0.004	0.02	0.023
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/05/92-11/12/98	87	1.5	1.413	2.3	0.6	0.255	0.505	0.7	0.9	1.8	2.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station ROMO0268

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/05/92-11/12/98	93	5.	5.731	18.	2.	7.438	2.727	3.	4.	7.	9.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/05/92-07/14/98	100	12.	12.21	18.	8.	6.935	2.633	9.	10.	14.	16.
00400	PH (STANDARD UNITS)	05/05/92-08/20/98	101	6.66	6.657	6.87	6.44	0.008	0.092	6.54	6.575	6.72	6.77
00400	CONVERTED PH (STANDARD UNITS)	05/05/92-08/20/98	101	6.66	6.647	6.87	6.44	0.009	0.093	6.54	6.575	6.72	6.77
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/05/92-08/20/98	101	0.219	0.225	0.363	0.135	0.002	0.048	0.17	0.191	0.266	0.288
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/05/92-08/20/98	101	3.	3.158	5.	2.	0.395	0.628	2.	3.	4.	4.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/05/92-09/24/98	102	1.3	1.262	1.8	0.8	0.073	0.271	0.9	1.	1.5	1.6
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/05/92-09/24/98	102	0.2	0.178	0.3	0.1	0.003	0.059	0.1	0.1	0.2	0.2
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/05/92-09/24/98	102	0.375	0.363	0.54	0.24	0.006	0.078	0.26	0.288	0.42	0.47
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/05/92-10/20/97	100	0.12	0.145	0.33	0.06	0.004	0.065	0.08	0.09	0.19	0.249
00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/05/92-11/12/98	100	0.1	0.118	0.2	0.04	0.004	0.064	0.05	0.06	0.2	0.2
00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/05/92-11/12/98	101	1.6	1.514	2.4	0.9	0.157	0.396	1.	1.1	1.8	2.

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Annual Analysis for 1994 - Station ROMO0268

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00955	SILICA, DISSOLVED (MG/L AS SI02)	05/05/92-09/24/98	98	1.2	1.201	2.3	0.6	0.109	0.331	0.8	0.9	1.4	1.61
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	05/22/93-09/24/98	99	6.	6.253	11.	3.	2.231	1.494	4.	5.	7.	8.
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	05/05/92-10/20/97	101	0.01	0.022	0.19	0.004	0.001	0.031	0.004	0.004	0.02	0.05
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/05/92-11/12/98	101	1.3	1.248	2.3	0.5	0.189	0.435	0.6	0.8	1.6	1.8

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Annual Analysis for 1995 - Station ROMO0268

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/05/92-11/12/98	25	13.	12.76	38.	2.	56.273	7.502	4.6	7.5	17.5	20.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/05/92-07/14/98	26	12.	12.038	21.	8.	9.238	3.039	8.	9.	14.	15.
00400	PH (STANDARD UNITS)	05/05/92-08/20/98	26	6.54	6.542	6.77	6.36	0.011	0.106	6.398	6.46	6.598	6.709
00400	CONVERTED PH (STANDARD UNITS)	05/05/92-08/20/98	26	6.54	6.53	6.77	6.36	0.011	0.107	6.398	6.46	6.597	6.709
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/05/92-08/20/98	26	0.288	0.295	0.437	0.17	0.005	0.07	0.196	0.253	0.347	0.4
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/05/92-08/20/98	25	3.	3.12	7.	2.	0.693	0.833	3.	3.	3.	3.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/05/92-09/24/98	26	1.3	1.25	2.1	0.8	0.084	0.29	0.87	1.	1.4	1.53
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/05/92-09/24/98	26	0.2	0.181	0.3	0.1	0.003	0.057	0.1	0.1	0.2	0.23
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/05/92-09/24/98	26	0.35	0.355	0.6	0.25	0.006	0.08	0.267	0.305	0.373	0.476
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/05/92-10/20/97	26	0.14	0.184	0.57	0.07	0.013	0.115	0.08	0.09	0.243	0.333
00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/05/92-11/12/98	26	0.15	0.14	0.3	0.04	0.005	0.073	0.047	0.07	0.2	0.2
00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/05/92-11/12/98	26	1.6	1.5	2.6	0.9	0.169	0.411	0.9	1.175	1.7	2.
00955	SILICA, DISSOLVED (MG/L AS SI02)	05/05/92-09/24/98	26	1.4	1.373	1.9	1.	0.048	0.22	1.07	1.2	1.525	1.66
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	05/22/93-09/24/98	26	6.	5.769	11.	3.	2.585	1.608	4.	4.75	7.	7.
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	05/05/92-10/20/97	26 ##	0.004	0.01	0.04	0.004	0.	0.011	0.004	0.004	0.02	0.026
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/05/92-11/12/98	26	1.3	1.315	2.	0.5	0.257	0.507	0.57	0.775	1.8	1.9

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Annual Analysis for 1996 - Station ROMO0268

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/05/92-11/12/98	20	5.	6.15	11.	3.	8.45	2.907	3.	4.	9.75	10.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/05/92-07/14/98	22	11.	11.591	22.	8.	13.968	3.737	8.	8.	13.25	17.8
00400	PH (STANDARD UNITS)	05/05/92-08/20/98	22	6.65	6.688	6.92	6.56	0.012	0.109	6.58	6.598	6.803	6.854
00400	CONVERTED PH (STANDARD UNITS)	05/05/92-08/20/98	22	6.65	6.676	6.92	6.56	0.012	0.11	6.58	6.597	6.802	6.854
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/05/92-08/20/98	22	0.224	0.211	0.275	0.12	0.002	0.048	0.14	0.158	0.253	0.263
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/05/92-08/20/98	21	3.	3.429	7.	2.	1.757	1.326	2.	3.	4.	6.4
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/05/92-09/24/98	22	1.1	1.232	2.4	0.8	0.163	0.404	0.9	0.9	1.5	1.85
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/05/92-09/24/98	22	0.2	0.164	0.3	0.1	0.004	0.066	0.1	0.1	0.2	0.27
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/05/92-09/24/98	22	0.355	0.378	0.7	0.26	0.015	0.124	0.27	0.28	0.44	0.621
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/05/92-10/20/97	21	0.11	0.147	0.42	0.07	0.008	0.091	0.072	0.09	0.19	0.324
00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/05/92-11/12/98	22	0.1	0.141	0.3	0.06	0.005	0.071	0.083	0.09	0.2	0.27
00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/05/92-11/12/98	20	1.4	1.505	2.5	0.9	0.264	0.513	0.9	1.	1.9	2.45
00955	SILICA, DISSOLVED (MG/L AS SI02)	05/05/92-09/24/98	22	1.2	1.195	1.8	0.8	0.051	0.226	0.9	1.075	1.3	1.5
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	05/22/93-09/24/98	22	6.	6.773	13.	4.	4.851	2.202	5.	5.	8.	10.4
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	05/05/92-10/20/97	21 ##	0.004	0.005	0.03	0.004	0.	0.006	0.004	0.004	0.004	0.009
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/05/92-11/12/98	22	1.1	1.191	3.4	0.5	0.414	0.644	0.6	0.7	1.6	1.7

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Annual Analysis for 1997 - Station ROMO0268

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/05/92-11/12/98	21	7.	6.571	13.	1.	9.757	3.124	2.	4.	8.	12.2
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/05/92-07/14/98	23	11.	12.217	20.	8.	10.542	3.247	9.	10.	14.	17.8
00400	PH (STANDARD UNITS)	05/05/92-08/20/98	23	6.58	6.583	6.73	6.45	0.005	0.069	6.49	6.51	6.63	6.676
00400	CONVERTED PH (STANDARD UNITS)	05/05/92-08/20/98	23	6.58	6.577	6.73	6.45	0.005	0.069	6.49	6.51	6.63	6.676
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/05/92-08/20/98	23	0.263	0.265	0.355	0.186	0.002	0.042	0.211	0.234	0.309	0.324
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/05/92-08/20/98	23	3.	2.957	5.	2.	0.498	0.706	2.	3.	3.	4.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/05/92-09/24/98	22	1.1	1.227	2.	0.9	0.094	0.307	0.9	1.	1.5	1.67
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/05/92-09/24/98	22	0.2	0.186	0.3	0.1	0.004	0.064	0.1	0.1	0.2	0.3
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/05/92-09/24/98	22	0.365	0.391	0.55	0.27	0.007	0.082	0.293	0.33	0.46	0.535
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/05/92-10/20/97	21	0.12	0.139	0.4	0.08	0.005	0.069	0.09	0.1	0.145	0.21
00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/05/92-11/12/98	22	0.095	0.113	0.3	0.04	0.005	0.07	0.05	0.06	0.2	0.2
00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/05/92-11/12/98	22	1.35	1.559	2.5	1.	0.203	0.451	1.03	1.2	2.	2.24
00955	SILICA, DISSOLVED (MG/L AS SI02)	05/05/92-09/24/98	22	1.35	1.418	2.3	1.	0.114	0.338	1.	1.2	1.6	1.97
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	05/22/93-09/24/98	23	8.	7.213	10.	0.9	7.235	2.69	4.	5.	10.	10.
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	05/05/92-10/20/97	21 ##	0.004	0.006	0.02	0.004	0.	0.005	0.004	0.004	0.004	0.018
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/05/92-11/12/98	22	1.15	1.286	2.5	0.6	0.282	0.531	0.7	0.8	1.7	2.04

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Annual Analysis for 1998 - Station ROMO0268

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/05/92-11/12/98	17	6.	6.494	13.	0.4	13.451	3.668	1.68	4.	9.	13.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/05/92-07/14/98	10	14.5	14.1	19.	9.	7.433	2.726	9.2	12.5	15.25	18.7
00400	PH (STANDARD UNITS)	05/05/92-08/20/98	5	6.52	6.522	6.58	6.49	0.001	0.037	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/05/92-08/20/98	5	6.52	6.521	6.58	6.49	0.001	0.037	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/05/92-08/20/98	5	0.302	0.301	0.324	0.263	0.001	0.025	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/05/92-08/20/98	15	3.	3.267	5.	2.	0.638	0.799	2.	3.	4.	4.4
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/05/92-09/24/98	19	1.1	1.226	2.	0.9	0.093	0.305	1.	1.	1.5	1.7
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/05/92-09/24/98	19	0.2	0.174	0.3	0.1	0.004	0.065	0.1	0.1	0.2	0.3
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/05/92-09/24/98	19	0.34	0.377	0.58	0.27	0.007	0.086	0.29	0.31	0.45	0.5
00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/05/92-11/12/98	22	0.1	0.192	2.	0.02	0.167	0.409	0.06	0.06	0.125	0.27
00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/05/92-11/12/98	22	1.5	1.527	2.2	1.	0.139	0.373	1.1	1.2	1.9	2.07
00955	SILICA, DISSOLVED (MG/L AS SI02)	05/05/92-09/24/98	19	1.3	1.216	1.4	0.9	0.034	0.183	0.9	1.1	1.4	1.4
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	05/22/93-09/24/98	19	6.	7.158	12.	4.	5.14	2.267	5.	6.	8.	12.
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/05/92-11/12/98	22	1.25	1.255	2.1	0.8	0.153	0.391	0.8	0.875	1.6	1.77

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 6/10 to 10/31 - Station ROMO0268

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/05/92-07/14/98	251	12.	11.57	16.	8.	4.838	2.2	9.	10.	13.	15.
00400	PH (STANDARD UNITS)	05/05/92-08/20/98	251	6.62	6.637	6.88	6.36	0.01	0.098	6.52	6.58	6.7	6.77
00400	CONVERTED PH (STANDARD UNITS)	05/05/92-08/20/98	251	6.62	6.626	6.88	6.36	0.01	0.099	6.52	6.58	6.7	6.77
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/05/92-08/20/98	251	0.24	0.237	0.437	0.132	0.003	0.053	0.17	0.2	0.263	0.302
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/05/92-08/20/98	254	3.	2.984	4.	2.	0.189	0.435	2.	3.	3.	3.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/05/92-09/24/98	260	1.1	1.17	1.7	0.8	0.046	0.214	0.9	1.	1.3	1.5
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/05/92-09/24/98	260	0.2	0.17	0.2	0.1	0.002	0.046	0.1	0.1	0.2	0.2
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/05/92-09/24/98	260	0.34	0.352	0.56	0.24	0.005	0.073	0.27	0.29	0.4	0.46
00955	SILICA, DISSOLVED (MG/L AS SI02)	05/05/92-09/24/98	257	1.4	1.386	2.2	0.6	0.103	0.321	0.9	1.2	1.6	1.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 4/10 - Station ROMO0268

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/05/92-07/14/98	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/05/92-08/20/98	1	6.64	6.64	6.64	6.64	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/05/92-08/20/98	1	6.64	6.64	6.64	6.64	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/05/92-08/20/98	1	0.229	0.229	0.229	0.229	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/05/92-08/20/98	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/05/92-09/24/98	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/05/92-09/24/98	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/05/92-09/24/98	1	0.55	0.55	0.55	0.55	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	05/05/92-09/24/98	1	2.3	2.3	2.3	2.3	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/11 to 6/09 - Station ROMO0268

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/05/92-07/14/98	112	16.	15.732	22.	12.	3.099	1.76	14.	14.	17.	18.
00400	PH (STANDARD UNITS)	05/05/92-08/20/98	108	6.72	6.704	6.92	6.45	0.01	0.102	6.55	6.65	6.78	6.82
00400	CONVERTED PH (STANDARD UNITS)	05/05/92-08/20/98	108	6.72	6.692	6.92	6.45	0.01	0.102	6.55	6.65	6.78	6.82
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/05/92-08/20/98	108	0.191	0.203	0.355	0.12	0.003	0.052	0.151	0.166	0.224	0.282
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/05/92-08/20/98	112	4.	3.786	7.	3.	0.62	0.788	3.	3.	4.	4.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/05/92-09/24/98	112	1.6	1.621	2.4	1.4	0.028	0.169	1.43	1.5	1.7	1.9
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/05/92-09/24/98	112	0.2	0.235	0.3	0.2	0.002	0.048	0.2	0.2	0.3	0.3
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/05/92-09/24/98	112	0.48	0.478	0.7	0.36	0.004	0.066	0.393	0.43	0.52	0.56
00955	SILICA, DISSOLVED (MG/L AS SI02)	05/05/92-09/24/98	111	1.4	1.427	2.3	0.8	0.127	0.356	1.	1.1	1.8	1.9

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: ROMO0269

NPS Station ID: ROMO0269
LAT/LON: 40.285281/-105.663892
Agency: 112WRD
Date Created: 10/10/92
Location: ICY BROOK-LOCH VALE-RMNP
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 401707105395000
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC:
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 11.20
On/Off RF1:
RF3 Index: 10190006045500.00
RF3 Mile Point: 0.00
Distance from RF3: 0.03
On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0269

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	05/05/92-09/16/94	183	0.011	0.013	0.131	0.001	0.	0.014	0.001	0.004	0.017	0.029
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/16/94-09/16/94	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/16/94-09/16/94	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0269

				Total	Exceed	Prop.	6/10-10/31			11/01-4/10			4/11-6/09			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0270

NPS Station ID: ROMO0270
LAT/LON: 40.285281/-105.675004
Agency: 112WRD
Date Created: 02/01/92
Location: LVSYN30
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 401707105403000
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC:
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 16.60
On/Off RF1:
RF3 Index: 14010001030300.00
RF3 Mile Point: 0.00
Distance from RF3: 0.25
On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0270

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403	PH, LAB, STANDARD UNITS SU	09/28/91-09/28/91	1	6.1	6.1	6.1	6.1	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/28/91-09/28/91	1	6.1	6.1	6.1	6.1	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/28/91-09/28/91	1	0.794	0.794	0.794	0.794	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/28/91-09/28/91	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/28/91-09/28/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/28/91-09/28/91	1	0.97	0.97	0.97	0.97	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/28/91-09/28/91	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/28/91-09/28/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/28/91-09/28/91	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/28/91-09/28/91	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/28/91-09/28/91	1	0.48	0.48	0.48	0.48	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/28/91-09/28/91	1	0.14	0.14	0.14	0.14	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/28/91-09/28/91	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/28/91-09/28/91	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/28/91-09/28/91	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/28/91-09/28/91	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/28/91-09/28/91	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/28/91-09/28/91	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/28/91-09/28/91	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
71870	BROMIDE (MG/L AS BR)	09/28/91-09/28/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0270

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: ROMO0270

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0271

NPS Station ID: ROMO0271
LAT/LON: 40.285559/-105.664726
Agency: 112WRD
Date Created: 02/01/92
Location: LVSYN17
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 401708105395300
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC:
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 16.30
On/Off RF1:
RF3 Index: 14010001030300.00
RF3 Mile Point: 0.00
Distance from RF3: 0.24
On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0271

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403	PH, LAB, STANDARD UNITS SU	09/26/91-09/26/91	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/26/91-09/26/91	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/26/91-09/26/91	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/26/91-09/26/91	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/26/91-09/26/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/26/91-09/26/91	1	0.36	0.36	0.36	0.36	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/26/91-09/26/91	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/26/91-09/26/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/26/91-09/26/91	1	3.4	3.4	3.4	3.4	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/26/91-09/26/91	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/26/91-09/26/91	1	0.86	0.86	0.86	0.86	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/26/91-09/26/91	1	0.24	0.24	0.24	0.24	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/26/91-09/26/91	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/26/91-09/26/91	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/26/91-09/26/91	1	0.16	0.16	0.16	0.16	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/26/91-09/26/91	1	4.5	4.5	4.5	4.5	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/26/91-09/26/91	1	5.	5.	5.	5.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/26/91-09/26/91	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/26/91-09/26/91	1	20.	20.	20.	20.	0.	0.	**	**	**	**
71870	BROMIDE (MG/L AS BR)	09/26/91-09/26/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0271

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: ROMO0271

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0272

NPS Station ID: ROMO0272
LAT/LON: 40.286115/-105.665005
Agency: 112WRD
Date Created: 02/01/92
Location: LVSYN18
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 401710105395400
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC:
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 11.50
On/Off RF1:
RF3 Index: 10190006045401.14
RF3 Mile Point: 1.13
Distance from RF3: 0.04
On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0272

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403	PH, LAB, STANDARD UNITS SU	09/26/91-09/26/91	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/26/91-09/26/91	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/26/91-09/26/91	1	0.158	0.158	0.158	0.158	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/26/91-09/26/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/26/91-09/26/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/26/91-09/26/91	1	0.24	0.24	0.24	0.24	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/26/91-09/26/91	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/26/91-09/26/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/26/91-09/26/91	1	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/26/91-09/26/91	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/26/91-09/26/91	1	0.88	0.88	0.88	0.88	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/26/91-09/26/91	1	0.22	0.22	0.22	0.22	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/26/91-09/26/91	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/26/91-09/26/91	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/26/91-09/26/91	1	0.11	0.11	0.11	0.11	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/26/91-09/26/91	1	4.6	4.6	4.6	4.6	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/26/91-09/26/91	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/26/91-09/26/91	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/26/91-09/26/91	1	50.	50.	50.	50.	0.	0.	**	**	**	**
71870	BROMIDE (MG/L AS BR)	09/26/91-09/26/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0272

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: ROMO0272

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00950 FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0273

NPS Station ID: ROMO0273
LAT/LON: 40.286392/-105.639476
Agency: 11NPSWRD
Date Created: 06/12/99
Location: JEWELL LAKE
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): ROMO_JR_CAP13
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MCHENRYS PEAK CO 7.5' SERIES (TOPO.) QUADRANGLE. THE SITE IS LOCATED AT JEWELL LAKE AND IS WITHIN ROCKY MOUNTAIN NATIONAL PARK. THE DATA ARE FROM ANNUAL CAPSHELL SNAIL MONITORING PROGRAM REPORTS BY JOHN RIEBESELL OF THE DEPARTMENT OF NATURAL RESOURCES AT THE UNIVERSITY OF MICHIGAN IN DEARBORN MI. TTHE REPORTS SUMMARIZED POPULATION DATA AND WATER QUALITY CHARACTERISTICS OF THE HABITAT OF CAPSHELL SNAILS; A CANDIDATE FOR LISTING UNDER THE FEDERAL ENDANGERED SPECIES ACT. FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0273

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/15/96-08/06/96	2	11.	11.	13.6	8.4	13.52	3.677	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: ROMO0274

NPS Station ID: ROMO0274
LAT/LON: 40.286392/-105.662227
Agency: 112WRD
Date Created: 02/01/92
Location: LVSYN24
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 401711105394400
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC:
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 11.40
On/Off RF1:
RF3 Index: 10190006045401.14
RF3 Mile Point: 1.13
Distance from RF3: 0.07
On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0274

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403	PH, LAB, STANDARD UNITS SU	09/26/91-09/26/91	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/26/91-09/26/91	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/26/91-09/26/91	1	0.126	0.126	0.126	0.126	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/26/91-09/26/91	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/26/91-09/26/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/26/91-09/26/91	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/26/91-09/26/91	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/26/91-09/26/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/26/91-09/26/91	1	2.9	2.9	2.9	2.9	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/26/91-09/26/91	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/26/91-09/26/91	1	0.87	0.87	0.87	0.87	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/26/91-09/26/91	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/26/91-09/26/91	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/26/91-09/26/91	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/26/91-09/26/91	1	0.23	0.23	0.23	0.23	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/26/91-09/26/91	1	4.2	4.2	4.2	4.2	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/26/91-09/26/91	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/26/91-09/26/91	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/26/91-09/26/91	1	10.	10.	10.	10.	0.	0.	**	**	**	**
71870	BROMIDE (MG/L AS BR)	09/26/91-09/26/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0274

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: ROMO0274

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00950 FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0275

NPS Station ID: ROMO0275
LAT/LON: 40.286392/-105.664726
Agency: 112WRD
Date Created: 02/01/92
Location: LVSYN19
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 401711105395300
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC:
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 10.10
On/Off RF1:
RF3 Index: 10190006045401.14
RF3 Mile Point: 1.13
Distance from RF3: 0.07
On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0275

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403	PH, LAB, STANDARD UNITS SU	09/26/91-09/26/91	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/26/91-09/26/91	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/26/91-09/26/91	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/26/91-09/26/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/26/91-09/26/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/26/91-09/26/91	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/26/91-09/26/91	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/26/91-09/26/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/26/91-09/26/91	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/26/91-09/26/91	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/26/91-09/26/91	1	0.82	0.82	0.82	0.82	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/26/91-09/26/91	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/26/91-09/26/91	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/26/91-09/26/91	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/26/91-09/26/91	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/26/91-09/26/91	1	4.6	4.6	4.6	4.6	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/26/91-09/26/91	1	7.	7.	7.	7.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/26/91-09/26/91	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/26/91-09/26/91	1	50.	50.	50.	50.	0.	0.	**	**	**	**
71870	BROMIDE (MG/L AS BR)	09/26/91-09/26/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0275

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: ROMO0275

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0276

NPS Station ID: ROMO0276
LAT/LON: 40.286781/-105.663727
Agency: 11NPSWRD
Date Created: 07/03/99
Location: ICY BROOK--DOWNSTREAM SAMPLE SITE
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_BK_KLCR
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MCHENRYS PEAK CO LARIMER 7.5' (TOPO.) QUADRANGLE. THE SITE IS AT THE DOWNSTREAM SAMPLING POINT AT ICY BROOK AND IS LOCATED IN ROCKY MOUNTAIN NATIONAL PARK. WATER QUALITY AND BENTHIC MACROINVERTEBRATE DATA WERE COLLECTED FOR TWO PARK STREAMS FOR THE PURPOSE OF ESTABLISHING RELATIONSHIPS BETWEEN THE TWO PARAMETERS THAT WOULD PROVIDE A HOLISTIC ASSESSMENT OF AQUATIC RESOURCES IN PARK STREAMS. DATA COLLECTION WAS PART OF THE LONG-TERM ECOLOGICAL MONITORING SYSTEM (EMS) AND WAS CONDUCTED BY BORIS KONDRATIEFF OF THE DEPARTMENT OF ENTOMOLOGY AT COLORADO STATE UNIVERSITY IN FORT COLLINS CO 80525 (TEL. 970-491-7314). FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0276

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/05/88-10/15/88	6	8.	6.833	9.	2.	8.167	2.858	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/05/88-10/15/88	6	8.	8.317	9.6	7.7	0.546	0.739	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/19/88-10/15/88	4	36.5	35.5	40.	29.	21.667	4.655	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	07/05/88-10/15/88	6	0.	0.	0.	0.	0.	0.	**	**	**	**
00629	NITROGEN, ORGANIC KJELDAHL, TOTAL (MG/L AS N)	07/05/88-10/15/88	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/05/88-10/15/88	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	07/05/88-10/15/88	6	0.45	0.417	0.8	0.1	0.078	0.279	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/05/88-10/15/88	6	3.	3.	4.	2.	0.8	0.894	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0276

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	6	0	0.00	6	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: ROMO0276

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	4	4	1.00	4	4	1.00									
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	6	0	0.00	6	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0277

NPS Station ID: ROMO0277 | LAT/LON: 40.286781/-105.663727 | Agency: 11NPSWRD | Date Created: 07/03/99
Location: ICY BROOK--DOWNSTREAM SAMPLING SITE | FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): ROMO_SH_HLCR
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006 | Depth of Water: 0 | Aquifer:
Major Basin: MISSOURI RIVER | Elevation: 0 | Water Body Id:
Minor Basin: SOUTH PLATTE RIVER | ECO Region:
RF1 Index: 10190006 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MCHENRYS PEAK CO LARIMER 7.5' SERIES (TOPO.) QUADRANGLE. THE SITE IS AT THE DOWNSTREAM SAMPLING POINT AT ICY BROOK AND IS LOCATED IN ROCKY MOUNTAIN NATIONAL PARK. THE DATA WERE COLLECTED BY SUSAN HOFFMEISTER OF COLORADO STATE UNIVERSITY IN FORT COLLINS CO AS PART OF THE LONG-TERM ECOLOGICAL MONITORING SYSTEM (EMS) DESIGNED TO ESTABLISH AND MONITOR RELATIONSHIPS BETWEEN WATER QUALITY AND BENTHIC MACROINVERTEBRATE COMMUNITIES IN TWO STREAMS IN ROCKY MOUNTAIN NATIONAL PARK. FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0277

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00300	OXYGEN, DISSOLVED MG/L	08/02/95-08/02/95	1	8.3	8.3	8.3	8.3	0.	0.	**	**	**	**
00402	SPECIFIC CONDUCTANCE,NON-TEMPERATURE CORR.UMHOS/CM	08/02/95-08/02/95	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/02/95-08/02/95	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/02/95-08/02/95	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/02/95-08/02/95	1	0.251	0.251	0.251	0.251	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	08/02/95-08/02/95	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/02/95-08/02/95	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00629	NITROGEN, ORGANIC KJELDAHL, TOTAL (MG/L AS N)	08/02/95-08/02/95	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/02/95-08/02/95	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/02/95-08/02/95	1	3.	3.	3.	3.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0277

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00	1	0	0.00									
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: ROMO0277

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0278

NPS Station ID: ROMO0278
LAT/LON: 40.286948/-105.663337
Agency: 112WRD
Date Created: 02/01/92
Location: LVSYN25
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): 401713105394800
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC:
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 11.20
On/Off RF1:
RF3 Index: 10190006045401.14
RF3 Mile Point: 1.13
Distance from RF3: 0.06
On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0278

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403	PH, LAB, STANDARD UNITS SU	09/26/91-09/26/91	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/26/91-09/26/91	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/26/91-09/26/91	1	0.251	0.251	0.251	0.251	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/26/91-09/26/91	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/26/91-09/26/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/26/91-09/26/91	1	0.54	0.54	0.54	0.54	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/26/91-09/26/91	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/26/91-09/26/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/26/91-09/26/91	1	3.2	3.2	3.2	3.2	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/26/91-09/26/91	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/26/91-09/26/91	1	0.98	0.98	0.98	0.98	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/26/91-09/26/91	1	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/26/91-09/26/91	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/26/91-09/26/91	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/26/91-09/26/91	1	0.29	0.29	0.29	0.29	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/26/91-09/26/91	1	3.1	3.1	3.1	3.1	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/26/91-09/26/91	1	54.	54.	54.	54.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/26/91-09/26/91	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/26/91-09/26/91	1	40.	40.	40.	40.	0.	0.	**	**	**	**
71870	BROMIDE (MG/L AS BR)	09/26/91-09/26/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0278

				Total	Exceed	Prop.	----------6/10-10/31----------			----------11/01-4/10----------			----------4/11-6/09----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: ROMO0278

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0279

NPS Station ID: ROMO0279
LAT/LON: 40.287310/-105.639810
Agency: 11NPSWRD
Date Created: 08/28/99
Location: Glacier Creek Jewel Lake Outlet
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_SM_GGJLO
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the McHenrys Peak CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0279

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	1	26.	26.	26.	26.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/31/81-07/31/81	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.158	0.158	0.158	0.158	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	1	6.51	6.51	6.51	6.51	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/31/81-07/31/81	1	6.51	6.51	6.51	6.51	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.309	0.309	0.309	0.309	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	1	47.	47.	47.	47.	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	1	0.12	0.12	0.12	0.12	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	1	3.2	3.2	3.2	3.2	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0279

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0280

NPS Station ID: ROMO0280
LAT/LON: 40.287393/-105.662031
Agency: 11NPSWRD
Date Created: 06/12/99
Location: EMBRYO LAKE (NORTHWEST CORNER)
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): ROMO_JR_CAP07
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MCHENRYS PEAK CO 7.5' SERIES (TOPO.) QUADRANGLE. THE SITE IS LOCATED AT EMBRYO LAKE AT THE NORTHWEST CORNER OF THE LAKE AND IS WITHIN ROCKY MOUNTAIN NATIONAL PARK. THE DATA ARE FROM ANNUAL CAPSHELL SNAIL MONITORING PROGRAM REPORTS BY JOHN RIEBESELL OF THE DEPARTMENT OF NATURAL RESOURCES AT THE UNIVERSITY OF MICHIGAN IN DEARBORN MI. TTHE REPORTS SUMMARIZED POPULATION DATA AND WATER QUALITY CHARACTERISTICS OF THE HABITAT OF CAPSHELL SNAILS; A CANDIDATE FOR LISTING UNDER THE FEDERAL ENDANGERED SPECIES ACT. FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0280

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/11/97-07/11/97	1	10.	10.	10.	10.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: ROMO0281

NPS Station ID: ROMO0281
LAT/LON: 40.287670/-105.612031
Agency: 11NPSWRD
Date Created: 08/21/99
Location: Boulder Brook East Main Stem
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_JS_BBEMAIN
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 3182
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the Longs Peak CO 7.5' (topographic) series quadrangle in Rocky Mountain National Park. The station is located in the East Main Stem of Boulder Brook at N. Longs Peak Trail crossing. The data originated from a University of Colorado dissertation entitled "Isotopic and Chemical Flowpath Separation of Streamflow During Snowmelt and Hydrogeological Controls of Surface-Water Chemistry in Six Alpine-Subalpine Basins; Rocky Mountain National Park; Colorado" 1996 by Julie K. Sueker. Sueker also contributed other data that weren't included in her dissertation. For more information about the data; contact Julie K. Sueker; Exponent Environmental Group; 4940 Pearl East Circle Ste. 300; Boulder CO 80301 (Tel. 970-444-7270). For information on the park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 97 -586-1206). Data were uploaded to STORET by Margaret Matter; NPS-WRD; 1201 Oak Ridge Dr. Ste. 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0281

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/06/93-08/15/95	2	16.5	16.5	17.	16.	0.5	0.707	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	09/06/93-08/15/95	2	7.05	7.05	7.1	7.	0.005	0.071	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/06/93-08/15/95	2	7.047	7.047	7.1	7.	0.005	0.071	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/06/93-08/15/95	2	0.09	0.09	0.1	0.079	0.	0.015	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	09/06/93-08/15/95	2	110.15	110.15	127.	93.3	567.845	23.829	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/06/93-08/15/95	2	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	09/06/93-08/15/95	2	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/06/93-08/15/95	2	8.3	8.3	8.9	7.7	0.72	0.849	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/15/95-08/15/95	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
46552	CALCIUM,FIELD ACIDIFIED W/HNO3 LAB FILTER(MG/L)	09/06/93-09/06/93	1	1.44	1.44	1.44	1.44	0.	0.	**	**	**	**
46554	MAGNESIUM,FIELD ACIDIFIED-HNO3-LAB FILT(MG/L-MG)	09/06/93-09/06/93	1	0.34	0.34	0.34	0.34	0.	0.	**	**	**	**
46555	POTASSIUM,FIELD ACIDIFIED-HNO3-LAB FILT.(MG/L-K))	09/06/93-09/06/93	1	0.22	0.22	0.22	0.22	0.	0.	**	**	**	**
46556	SODIUM, FIELD ACIDIFIED W/HNO3, LAB FILTERED MG/L	09/06/93-09/06/93	1	1.67	1.67	1.67	1.67	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	08/15/95-08/15/95	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/06/93-08/15/95	2	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0281

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	0	0.00	2	0	0.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	2	2	1.00	2	2	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	2	0	0.00	2	0	0.00									
		Drinking Water	250.	2	0	0.00	2	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	2	0	0.00	2	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	2	0	0.00	2	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0282

NPS Station ID: ROMO0282
LAT/LON: 40.287781/-105.611671
Agency: 11NPSWRD
Date Created: 08/21/99
Location: Boulder Brook East Minor Stem
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_JS_BBEMIN
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 3182
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the Longs Peak CO 7.5' (topographic) series quadrangle in Rocky Mountain National Park. The station is located on a minor eastern tributary to Boulder Brook off the N. Longs Peak Trail. The data originated from a University of Colorado dissertation entitled "Isotopic and Chemical Flowpath Separation of Streamflow During Snowmelt and Hydrogeological Controls of Surface-Water Chemistry in Six Alpine-Subalpine Basins; Rocky Mountain National Park; Colorado" 1996 by Julie K. Sueker. Sueker also contributed other data that weren't included in her dissertation. For more information about the data; contact Julie K. Sueker; Exponent Environmental Group; 4940 Pearl East Circle Ste. 300; Boulder CO 80301 (Tel. 970-444-7270). For information on the park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 97 -586-1206). Data were uploaded to STORET by Margaret Matter; NPS-WRD; 1201 Oak Ridge Dr. Ste. 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0282

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/06/93-08/15/95	7	19.	18.286	20.	16.	2.905	1.704	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	09/06/93-08/15/95	7	7.1	7.1	7.3	7.	0.01	0.1	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/06/93-08/15/95	7	7.1	7.091	7.3	7.	0.01	0.1	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/06/93-08/15/95	7	0.079	0.081	0.1	0.05	0.	0.017	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	09/06/93-08/15/95	7	119.4	102.829	171.9	-12.	4344.476	65.913	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/06/93-08/15/95	7	0.2	0.2	0.3	0.1	0.007	0.082	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	09/06/93-08/15/95	7	1.6	1.443	1.8	1.	0.113	0.336	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/06/93-08/15/95	7	9.2	9.529	11.1	7.1	2.176	1.475	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/15/95-08/15/95	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
46552	CALCIUM,FIELD ACIDIFIED W/HNO3 LAB FILTER(MG/L)	09/06/93-10/09/94	6	1.54	1.525	1.64	1.39	0.013	0.115	**	**	**	**
46554	MAGNESIUM,FIELD ACIDIFIED-HNO3-LAB FILT(MG/L-MG)	09/06/93-10/09/94	6	0.36	0.358	0.42	0.3	0.003	0.051	**	**	**	**
46555	POTASSIUM,FIELD ACIDIFIED-HNO3-LAB FILT.(MG/L-K))	09/06/93-10/09/94	6	0.215	0.223	0.31	0.17	0.003	0.051	**	**	**	**
46556	SODIUM, FIELD ACIDIFIED W/HNO3, LAB FILTERED MG/L	09/06/93-10/09/94	6	1.83	1.778	1.96	1.51	0.036	0.189	**	**	**	**
50790	OXYGEN-18, (DELTA UNITS - PARTS PER THOUSAND)	07/20/94-10/09/94	5	-14.64	-14.85	-14.41	-15.36	0.172	0.415	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	08/15/95-08/15/95	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/06/93-08/15/95	7	0.2	0.256	0.5	0.09	0.02	0.142	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0282

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	7	0	0.00	7	0	0.00									
		Other-Lo Lim.	6.5	7	0	0.00	7	0	0.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	7	7	1.00	7	7	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	7	0	0.00	7	0	0.00									
		Drinking Water	250.	7	0	0.00	7	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	7	0	0.00	7	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	7	0	0.00	7	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0283

NPS Station ID: ROMO0283 | LAT/LON: 40.287781/-105.663337 | Agency: 112WRD | Date Created: 02/01/92
Location: LVSYN26 | FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): 401716105394800
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: | Depth of Water: 0 | Aquifer:
Major Basin: | Elevation: 0 | Water Body Id:
Minor Basin: | ECO Region:
RF1 Index: | RF1 Mile Point: 0.000 | Distance from RF1: 10.30 | On/Off RF1:
RF3 Index: 10190006045401.14 | RF3 Mile Point: 1.13 | Distance from RF3: 0.01 | On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0283

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403	PH, LAB, STANDARD UNITS SU	09/26/91-09/26/91	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/26/91-09/26/91	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/26/91-09/26/91	1	0.251	0.251	0.251	0.251	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	09/26/91-09/26/91	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/26/91-09/26/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/26/91-09/26/91	1	0.49	0.49	0.49	0.49	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/26/91-09/26/91	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/26/91-09/26/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/26/91-09/26/91	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/26/91-09/26/91	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/26/91-09/26/91	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/26/91-09/26/91	1	0.13	0.13	0.13	0.13	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/26/91-09/26/91	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/26/91-09/26/91	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/26/91-09/26/91	1	0.13	0.13	0.13	0.13	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/26/91-09/26/91	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/26/91-09/26/91	1	13.	13.	13.	13.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/26/91-09/26/91	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/26/91-09/26/91	1	20.	20.	20.	20.	0.	0.	**	**	**	**
71870	BROMIDE (MG/L AS BR)	09/26/91-09/26/91	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0283

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: ROMO0283

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0284

NPS Station ID: ROMO0284 LAT/LON: 40.287837/-105.663309 Agency: 11NPSWRD Date Created: 06/30/99
Location: ICY BROOK ABOVE CONFLUENCE WITH ANDREWS CREEK FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): ROMO_JB_ICYBRK
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI RIVER Elevation: 0 Water Body Id:
Minor Basin: SOUTH PLATTE RIVER ECO Region:
RF1 Index: 10190006 RF1 Mile Point: 0.000 Distance from RF1: 12.40 On/Off RF1:
RF3 Index: 10190007002218.40 RF3 Mile Point: 18.39 Distance from RF3: 0.57 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MCHENRYS PEAK CO 7.5' (TOPOGRAPHICAL) SERIES QUADRANGLE. THE SITE IS AT ICY BROOK ABOVE THE CONFLUENCE WITH ANDREWS CREEK AND IS LOCATED IN ROCKY MOUNTAIN NATIONAL PARK. DATA WERE COLLECTED FOR THE LOCH VALE WATERSHED STUDY; A LONG TERM MONITORING STUDY FOR THE NATIONAL ATMOSPHERIC DEPOSITION PROGRAM/NATIONAL ACID PRECIPITATION ASSESSMENT PROGRAM (NADP/NAPAP). THE NADP/NAPAP MONITORS WATER QUALITY OF SENSITIVE ENVIRONMENTS FOR CHANGES DUE TO ACID PRECIPITATION. JILL BARON IS THE PROJECT CONTACT FOR THE STUDY AT THE NATURAL RESOURCES ECOLOGY LABORATORY AT COLORADO STATE UNIVERSITY IN FORT COLLINS CO 80525 (TEL. 970-491-1968). FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0284

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/23/93-08/23/93	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/23/93-08/23/93	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/23/93-08/23/93	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/23/93-08/23/93	1	0.398	0.398	0.398	0.398	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/23/93-08/23/93	1	6.76	6.76	6.76	6.76	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/23/93-08/23/93	1	6.76	6.76	6.76	6.76	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/23/93-08/23/93	1	0.174	0.174	0.174	0.174	0.	0.	**	**	**	**
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	08/23/93-08/23/93	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	08/23/93-08/23/93	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/23/93-08/23/93	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/23/93-08/23/93	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/23/93-08/23/93	1	0.36	0.36	0.36	0.36	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/23/93-08/23/93	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/23/93-08/23/93	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/23/93-08/23/93	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/23/93-08/23/93	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/23/93-08/23/93	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/23/93-08/23/93	1	14.	14.	14.	14.	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	08/23/93-08/23/93	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: ROMO0284

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/23/93-08/23/93	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0284

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0285

NPS Station ID: ROMO0285
LAT/LON: 40.287920/-105.663337
Agency: 11NPSWRD
Date Created: 04/10/99
Location: BELOW ANDREWS CREEK CAMPGROUND
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_NPS_BAC
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MCHENRYS PEAK; COLORADO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION BAC WAS AT ANDREWS CREEK DOWNSTREAM OF ANDREWS CREEK CAMPGROUND INSIDE OF THE ROCKY MOUNTAIN NATIONAL PARK (ROMO) BOUNDARIES. THE CREEK WAS SAMPLED AS PART OF A STUDY TO ASSESS THE IMPACT OF RECREATIONISTS ON STREAM WATER QUALITY; THE PRESENCE OR ABSENCE OF GIARDIA; AND THE IMPACT ON BACKCOUNTRY USERS WHO INGEST WATER FROM STREAMS OR LAKES IN THE LOCH VALE AND GLACIER GORGE WATERSHEDS. DATA WERE PUBLISHED IN A NATURAL RESOURCES REPORT SERIES 85-3 REPORT TITLED "FIELD SURVEY OF GIARDIA IN STREAMS AND WILDLIFE OF THE GLACIER GORGE AND LOCH VALE BASINS; ROCKY MOUNTAIN NATIONAL PARK" BY SAM KUNKLE AND NANCY COWDIN (1985). FOR MORE INFORMATION CONTACT ROMO'S CHIEF OF RESOURCES AT ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0285

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/01/84-07/23/84	1	200.	200.	200.	200.	0.	0.	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/01/84-07/23/84	1	2.301	2.301	2.301	2.301	0.	0.	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			200.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/01/84-07/23/84	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/01/84-07/23/84	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/01/84-07/23/84	1	53.	53.	53.	53.	0.	0.	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/01/84-07/23/84	1	1.724	1.724	1.724	1.724	0.	0.	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			53.								
61732	GIARDIA, FILTRATION CYSTS/100 GAL	08/09/84-10/09/84	5	0.	1.12	3.7	0.	2.757	1.66	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0285

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	1	0	0.00	1	0	0.00									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0286

NPS Station ID: ROMO0286 LAT/LON: 40.288060/-105.663727 Agency: 11NPSWRD Date Created: 06/30/99
Location: ANDREWS CREEK AT TRAIL CROSSING ABOVE ICY BROOK FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): ROMO_JB_ANDRECK
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI RIVER Elevation: 0 Water Body Id:
Minor Basin: SOUTH PLATTE RIVER ECO Region:
RF1 Index: 10190006 RF1 Mile Point: 0.000 Distance from RF1: 12.40 On/Off RF1:
RF3 Index: 10190007002218.40 RF3 Mile Point: 18.39 Distance from RF3: 0.57 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MCHENRYS PEAK CO 7.5' (TOPOGRAPHICAL) SERIES QUADRANGLE. THE SITE IS AT ANDREWS CREEK AT THE TRAIL CROSSING ABOVE ICY BROOK AND IS IN ROCKY MOUNTAIN NATIONAL PARK. DATA WERE COLLECTED FOR THE LOCH VALE WATERSHED STUDY; A LONG TERM MONITORING STUDY FOR THE NATIONAL ATMOSPHERIC DEPOSITION PROGRAM/NATIONAL ACID PRECIPITATION ASSESSMENT PROGRAM (NADP/NAPAP). THE NADP/NAPAP MONITORS WATER QUALITY OF SENSITIVE ENVIRONMENTS FOR CHANGES DUE TO ACID PRECIPITATION. JILL BARON IS THE PROJECT CONTACT FOR THE STUDY AT THE NATURAL RESOURCES ECOLOGY LABORATORY AT COLORADO STATE UNIVERSITY IN FORT COLLINS CO 80525 (TEL. 970-491-1968). FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0286

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/05/83-10/07/97	46	4.	3.976	9.	0.	4.256	2.063	1.7	2.75	5.	7.3
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/05/83-10/07/97	60	10.	10.067	15.	5.	5.656	2.378	7.	8.	12.	13.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/05/83-10/07/97	63	10.	10.254	15.	5.	4.16	2.04	8.	9.	12.	13.
00403	PH, LAB, STANDARD UNITS SU	07/05/83-10/07/97	57	6.6	6.689	8.1	5.7	0.234	0.484	6.2	6.4	6.8	7.32
00403	CONVERTED PH, LAB, STANDARD UNITS	07/05/83-10/07/97	57	6.6	6.489	8.1	5.7	0.275	0.524	6.2	6.4	6.8	7.32
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/05/83-10/07/97	57	0.251	0.324	1.995	0.008	0.118	0.343	0.048	0.158	0.398	0.631
00406	PH, FIELD, STANDARD UNITS SU	07/05/83-10/07/97	66	6.52	6.529	7.09	5.99	0.047	0.216	6.228	6.39	6.705	6.803
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/05/83-10/07/97	66	6.52	6.477	7.09	5.99	0.049	0.222	6.228	6.39	6.705	6.803
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/05/83-10/07/97	66	0.302	0.334	1.023	0.081	0.029	0.17	0.157	0.197	0.407	0.592
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	07/05/83-10/07/97	64	0.03	0.03	0.04	0.01	0.	0.007	0.02	0.03	0.03	0.04
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	08/15/84-07/22/92	34	0.003	0.007	0.033	0.003	0.	0.006	0.003	0.003	0.007	0.015
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/05/83-10/07/97	53	0.003	0.006	0.02	0.	0.	0.006	0.	0.003	0.008	0.016
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	06/12/86-10/07/97	40	0.8	0.973	3.2	0.1	0.477	0.691	0.4	0.5	1.1	2.09
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/05/83-10/07/97	67	1.	1.055	1.5	0.6	0.046	0.215	0.8	0.9	1.2	1.3
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/05/83-10/07/97	67	0.2	0.164	0.3	0.09	0.003	0.052	0.1	0.1	0.2	0.2
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/05/83-10/07/97	67	0.4	0.418	0.57	0.3	0.005	0.072	0.318	0.38	0.5	0.522
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/05/83-10/07/97	67	0.14	0.144	0.29	0.09	0.001	0.034	0.1	0.12	0.15	0.182
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/05/83-10/07/97	67	0.09	0.093	0.2	0.	0.002	0.042	0.05	0.08	0.1	0.12
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/05/83-10/07/97	67	1.3	1.27	1.9	0.5	0.072	0.269	1.	1.1	1.5	1.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: ROMO0286

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/05/83-09/27/93	46	0.055	0.183	6.	0.	0.769	0.877	0.03	0.04	0.07	0.08
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/05/83-10/07/97	58	1.9	1.99	2.7	1.1	0.112	0.334	1.6	1.7	2.3	2.5
01046	IRON, DISSOLVED (UG/L AS FE)	07/05/83-07/22/92	45	10.	11.867	38.	3.	74.118	8.609	3.	6.	15.	24.6
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/05/83-07/22/92	45	1.	1.287	8.	0.4	1.209	1.1	1.	1.	1.	1.94
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/02/83-09/27/93	46	20.	23.63	60.	5.	235.26	15.338	6.7	11.75	30.	52.3
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/05/83-10/07/97	65	0.008	0.016	0.09	0.	0.	0.021	0.	0.001	0.025	0.044
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/05/83-10/07/97	66	1.3	1.261	2.1	0.5	0.12	0.347	0.8	1.	1.5	1.7

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0286

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	57	0	0.00	52	0	0.00				5	0	0.00			
		Other-Lo Lim.	6.5	57	23	0.40	52	21	0.40				5	2	0.40			
00406	PH, FIELD	Fresh Chronic	9.	66	0	0.00	61	0	0.00				5	0	0.00			
		Other-Lo Lim.	6.5	66	32	0.48	61	28	0.46				5	4	0.80			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	34	0	0.00	33	0	0.00				1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	67	0	0.00	62	0	0.00				5	0	0.00			
		Drinking Water	250.	67	0	0.00	62	0	0.00				5	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	67	0	0.00	62	0	0.00				5	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	46	1	0.02	43	1	0.02				3	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	66	0	0.00	61	0	0.00				5	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 6/10 to 10/31 - Station ROMO0286

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/05/83-10/07/97	42	4.	4.212	9.	1.	3.943	1.986	2.	3.	5.	7.7
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/05/83-10/07/97	55	10.	9.782	15.	5.	5.063	2.25	7.	8.	12.	12.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/05/83-10/07/97	58	10.	10.052	14.	5.	3.699	1.923	8.	8.75	11.	13.
00403	PH, LAB, STANDARD UNITS SU	07/05/83-10/07/97	52	6.6	6.698	8.1	5.7	0.243	0.493	6.23	6.4	6.8	7.37
00403	CONVERTED PH, LAB, STANDARD UNITS	07/05/83-10/07/97	52	6.6	6.494	8.1	5.7	0.286	0.535	6.23	6.4	6.8	7.37
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/05/83-10/07/97	52	0.251	0.321	1.995	0.008	0.119	0.345	0.043	0.158	0.398	0.592
00406	PH, FIELD, STANDARD UNITS SU	07/05/83-10/07/97	61	6.56	6.541	7.09	5.99	0.047	0.217	6.252	6.4	6.72	6.808
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/05/83-10/07/97	61	6.56	6.487	7.09	5.99	0.05	0.224	6.252	6.4	6.72	6.808
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/05/83-10/07/97	61	0.275	0.326	1.023	0.081	0.029	0.17	0.156	0.191	0.398	0.561
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	07/05/83-10/07/97	60	0.03	0.03	0.04	0.01	0.	0.007	0.02	0.03	0.03	0.04
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	08/15/84-07/22/92	33	0.003	0.007	0.033	0.003	0.	0.006	0.003	0.003	0.007	0.015
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/05/83-10/07/97	49	0.003	0.005	0.02	0.	0.	0.005	0.	0.003	0.006	0.01
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	06/12/86-10/07/97	37	0.7	0.859	2.6	0.1	0.312	0.558	0.38	0.5	1.	1.92
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/05/83-10/07/97	62	1.	1.032	1.5	0.6	0.042	0.205	0.8	0.9	1.2	1.3
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/05/83-10/07/97	62	0.2	0.16	0.2	0.09	0.002	0.05	0.1	0.1	0.2	0.2
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/05/83-10/07/97	62	0.4	0.416	0.57	0.3	0.005	0.073	0.313	0.37	0.5	0.527
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/05/83-10/07/97	62	0.14	0.138	0.22	0.09	0.001	0.025	0.1	0.12	0.15	0.16
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/05/83-10/07/97	62	0.09	0.087	0.2	0.	0.001	0.036	0.05	0.078	0.1	0.1
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/05/83-10/07/97	62	1.2	1.25	1.9	0.5	0.071	0.267	1.	1.	1.5	1.6
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/05/83-09/27/93	43	0.06	0.193	6.	0.	0.822	0.907	0.03	0.04	0.07	0.08
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/05/83-10/07/97	54	1.9	1.969	2.7	1.1	0.113	0.336	1.6	1.7	2.225	2.5
01046	IRON, DISSOLVED (UG/L AS FE)	07/05/83-07/22/92	42	9.	10.714	38.	3.	52.648	7.256	3.	5.75	13.	21.8
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/05/83-07/22/92	42	1.	1.138	3.	0.4	0.173	0.416	1.	1.	1.	1.84
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/02/83-09/27/93	43	20.	21.558	60.	5.	178.3	13.353	6.4	11.	30.	39.2
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/05/83-10/07/97	60	0.006	0.014	0.09	0.	0.	0.02	0.	0.001	0.02	0.04
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/05/83-10/07/97	61	1.2	1.215	2.	0.5	0.1	0.316	0.8	0.95	1.5	1.58

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/11 to 6/09 - Station ROMO0286

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/05/83-10/07/97	4	2.	1.5	2.	0.	1.	1.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/05/83-10/07/97	5	13.	13.2	15.	12.	1.7	1.304	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/05/83-10/07/97	5	13.	12.6	15.	10.	4.3	2.074	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/05/83-10/07/97	5	6.7	6.6	7.1	6.	0.16	0.4	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/05/83-10/07/97	5	6.7	6.445	7.1	6.	0.19	0.436	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/05/83-10/07/97	5	0.2	0.359	1.	0.079	0.135	0.368	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/05/83-10/07/97	5	6.39	6.384	6.58	6.2	0.021	0.145	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/05/83-10/07/97	5	6.39	6.365	6.58	6.2	0.021	0.146	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/05/83-10/07/97	5	0.407	0.431	0.631	0.263	0.02	0.141	**	**	**	**
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	07/05/83-10/07/97	4	0.03	0.033	0.04	0.03	0.	0.005	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	08/15/84-07/22/92	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/05/83-10/07/97	4	0.008	0.009	0.02	0.	0.	0.008	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	06/12/86-10/07/97	3	2.1	2.367	3.2	1.8	0.543	0.737	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/05/83-10/07/97	5	1.3	1.34	1.5	1.3	0.008	0.089	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/05/83-10/07/97	5	0.2	0.22	0.3	0.2	0.002	0.045	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/05/83-10/07/97	5	0.42	0.448	0.52	0.4	0.003	0.058	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/05/83-10/07/97	5	0.21	0.22	0.29	0.18	0.002	0.044	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/05/83-10/07/97	5	0.2	0.16	0.2	0.1	0.003	0.055	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/05/83-10/07/97	5	1.5	1.52	1.7	1.3	0.022	0.148	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/05/83-09/27/93	3	0.04	0.043	0.05	0.04	0.	0.006	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/05/83-10/07/97	4	2.25	2.275	2.4	2.2	0.009	0.096	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/05/83-07/22/92	3	32.	28.	37.	15.	133.	11.533	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/05/83-07/22/92	3	1.1	3.367	8.	1.	16.103	4.013	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/02/83-09/27/93	3	60.	53.333	60.	40.	133.333	11.547	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/05/83-10/07/97	5	0.04	0.04	0.06	0.02	0.	0.016	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/11 to 6/09 - Station ROMO0286

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/05/83-10/07/97	5	1.8	1.82	2.1	1.6	0.037	0.192	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: ROMO0287

NPS Station ID: ROMO0287
LAT/LON: 40.288226/-105.679726
Agency: 11NPSWRD
Date Created: 06/30/99
Location: INLET STREAM TO ANDREWS TARN
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_JB_ANDREWI
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MCHENRYS PEAK CO 7.5' (TOPOGRAPHICAL) SERIES QUADRANGLE. THE SITE IS AT THE INLET STREAM TO ANDREWS TARN AND IS LOCATED IN ROCKY MOUNTAIN NATIONAL PARK. DATA WERE COLLECTED FOR THE LOCH VALE WATERSHED STUDY; A LONG TERM MONITORING STUDY FOR THE NATIONAL ATMOSPHERIC DEPOSITION PROGRAM/NATIONAL ACID PRECIPITATION ASSESSMENT PROGRAM (NADP/NAPAP). THE NADP/NAPAP MONITORS WATER QUALITY OF SENSITIVE ENVIRONMENTS FOR CHANGES DUE TO ACID PRECIPITATION. JILL BARON IS THE PROJECT CONTACT FOR THE STUDY AT THE NATURAL RESOURCES ECOLOGY LABORATORY AT COLORADO STATE UNIVERSITY IN FORT COLLINS CO 8052 (TEL. 970-491-1968). FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0287

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/08/82-10/21/82	7	5.	5.	7.	0.	6.333	2.517	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/08/82-10/21/82	7	13.	11.286	17.	7.	15.571	3.946	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	06/08/82-10/21/82	7	6.33	6.191	6.6	5.36	0.205	0.453	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/08/82-10/21/82	7	6.33	5.947	6.6	5.36	0.275	0.524	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/08/82-10/21/82	7	0.468	1.129	4.365	0.251	2.273	1.508	**	**	**	**
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	06/08/82-08/24/82	4	0.025	0.025	0.03	0.02	0.	0.006	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	06/08/82-09/21/82	6	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	06/08/82-10/21/82	7	0.007	0.007	0.01	0.003	0.	0.003	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/08/82-10/21/82	7	0.9	0.886	1.3	0.6	0.085	0.291	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/08/82-10/21/82	7	0.2	0.171	0.3	0.1	0.006	0.076	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/08/82-10/21/82	7	0.35	0.37	0.46	0.24	0.007	0.083	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/08/82-10/21/82	7	0.12	0.124	0.18	0.08	0.001	0.033	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/08/82-10/21/82	7	0.2	0.8	4.	0.1	2.02	1.421	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/08/82-10/21/82	7	1.5	1.357	1.8	1.	0.12	0.346	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/21/82-10/21/82	1	2.8	2.8	2.8	2.8	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/01/82-09/20/82	2	0.12	0.12	0.2	0.04	0.013	0.113	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/08/82-10/21/82	7	1.2	1.3	1.8	0.9	0.18	0.424	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0287

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00406	PH, FIELD	Fresh Chronic	9.	7	0	0.00	6	0	0.00				1	0	0.00			
		Other-Lo Lim.	6.5	7	5	0.71	6	4	0.67				1	1	1.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	6	0	0.00	5	0	0.00				1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	7	0	0.00	6	0	0.00				1	0	0.00			
		Drinking Water	250.	7	0	0.00	6	0	0.00				1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	7	0	0.00	6	0	0.00				1	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	7	0	0.00	6	0	0.00				1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0288

NPS Station ID: ROMO0288
LAT/LON: 40.288226/-105.679809
Agency: 11NPSWRD
Date Created: 08/28/99
Location: Andrews Creek Inlet to Andrews Tarn
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_SM_GGATI
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the McHenrys Peak CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0288

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	1	53.	53.	53.	53.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/31/81-07/31/81	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.316	0.316	0.316	0.316	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	1	6.66	6.66	6.66	6.66	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/31/81-07/31/81	1	6.66	6.66	6.66	6.66	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.219	0.219	0.219	0.219	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	1	46.	46.	46.	46.	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	1	2.8	2.8	2.8	2.8	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	1	0.64	0.64	0.64	0.64	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	1	5.2	5.2	5.2	5.2	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	1	3.6	3.6	3.6	3.6	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0288

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0289

NPS Station ID: ROMO0289
LAT/LON: 40.288337/-105.677782
Agency: 112WRD
Date Created: 06/29/91
Location: andrews tarn outlet
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 401718105404004
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC:
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 10190006029300.00
RF3 Mile Point: 0.00
Distance from RF3: 0.27
On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0289

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	PH (STANDARD UNITS)	08/28/90-08/28/90	2	6.495	6.495	6.5	6.49	0.	0.007	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/28/90-08/28/90	2	6.495	6.495	6.5	6.49	0.	0.007	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/28/90-08/28/90	2	0.32	0.32	0.324	0.316	0.	0.005	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/28/90-08/28/90	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/28/90-08/28/90	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/28/90-08/28/90	1	0.251	0.251	0.251	0.251	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/28/90-10/01/91	3	0.01	0.009	0.014	0.002	0.	0.006	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	08/28/90-10/01/91	3	0.002	0.002	0.002	0.001	0.	0.001	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/28/90-10/01/91	3	0.19	0.16	0.19	0.1	0.003	0.052	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/28/90-10/01/91	3	0.2	0.16	0.2	0.08	0.005	0.069	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/28/90-10/01/91	3	0.004	0.004	0.007	0.002	0.	0.003	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/28/90-08/28/90	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/28/90-08/28/90	1	0.13	0.13	0.13	0.13	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/28/90-10/01/91	3	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/28/90-10/01/91	3	0.8	0.733	0.8	0.6	0.013	0.115	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/28/90-08/28/90	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/28/90-08/28/90	1	5.	5.	5.	5.	0.	0.	**	**	**	**
71825	ACIDITY, TOTAL (MG/L AS H)	08/28/90-10/01/91	3	0.03	0.027	0.03	0.02	0.	0.006	**	**	**	**
71870	BROMIDE (MG/L AS BR)	08/28/90-10/01/91	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0289

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	2	1.00	2	2	1.00									
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	3	0	0.00	3	0	0.00									
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	3	0	0.00	3	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	3	0	0.00	3	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	3	0	0.00	3	0	0.00									
		Drinking Water	250.	3	0	0.00	3	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: ROMO0289

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	3	0	0.00	3	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0290

NPS Station ID: ROMO0290
LAT/LON: 40.288392/-105.678892
Agency: 11NPSWRD
Date Created: 08/28/99
Location: Andrews Tarn at the Lake Surface
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): ROMO_SM_GGATS
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the McHenrys Peak CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0290

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	1	31.	31.	31.	31.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/31/81-07/31/81	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.316	0.316	0.316	0.316	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	1	6.66	6.66	6.66	6.66	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/31/81-07/31/81	1	6.66	6.66	6.66	6.66	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.219	0.219	0.219	0.219	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	1	28.	28.	28.	28.	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	1	0.17	0.17	0.17	0.17	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	1	2.	2.	2.	2.	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0290

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0291

NPS Station ID: ROMO0291
LAT/LON: 40.288616/-105.677921
Agency: 11NPSWRD
Date Created: 06/30/99
Location: OUTLET STREAM FROM ANDREWS TARN
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_JB_ANDREWO
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MCHENRYS PEAK CO 7.5' (TOPOGRAPHICAL) SERIES QUADRANGLE. THE SITE IS AT THE OUTLET STREAM FROM ANDREWS TARN AND IS LOCATED IN ROCKY MOUNTAIN NATIONAL PARK. DATA WERE COLLECTED FOR THE LOCH VALE WATERSHED STUDY; A LONG TERM MONITORING STUDY FOR THE NATIONAL ATMOSPHERIC DEPOSITION PROGRAM/NATIONAL ACID PRECIPITATION ASSESSMENT PROGRAM (NADP/NAPAP). THE NADP/NAPAP MONITORS WATER QUALITY OF SENSITIVE ENVIRONMENTS FOR CHANGES DUE TO ACID PRECIPITATION. JILL BARON IS THE PROJECT CONTACT FOR THE STUDY AT THE NATURAL RESOURCES ECOLOGY LABORATORY AT COLORADO STATE UNIVERSITY IN FORT COLLINS CO 8052 (TEL. 970-491-1968). FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0291

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/21/88-07/29/97	4	4.	4.25	5.	4.	0.25	0.5	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/21/88-07/29/97	5	5.	6.2	10.	4.	5.7	2.387	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/21/88-07/29/97	6	5.5	6.333	10.	4.	5.067	2.251	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/21/88-07/29/97	6	6.4	6.467	7.3	6.	0.215	0.463	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/21/88-07/29/97	6	6.4	6.317	7.3	6.	0.242	0.491	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/21/88-07/29/97	6	0.398	0.482	1.	0.05	0.124	0.352	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	06/21/88-07/29/97	5	6.24	6.162	6.62	5.83	0.113	0.336	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/21/88-07/29/97	5	6.24	6.067	6.62	5.83	0.124	0.353	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/21/88-07/29/97	5	0.575	0.857	1.479	0.24	0.338	0.582	**	**	**	**
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	06/21/88-07/29/97	6	0.025	0.022	0.03	0.01	0.	0.01	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	06/21/88-10/01/91	4	0.009	0.014	0.033	0.007	0.	0.013	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	06/21/88-07/29/97	5	0.006	0.01	0.02	0.	0.	0.01	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	06/21/88-07/29/97	5	0.6	1.42	4.8	0.4	3.582	1.893	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/21/88-07/29/97	6	0.6	0.65	0.9	0.4	0.043	0.207	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/21/88-07/29/97	6	0.09	0.087	0.1	0.06	0.	0.016	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/21/88-07/29/97	6	0.2	0.225	0.3	0.16	0.004	0.06	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/21/88-07/29/97	6	0.095	0.097	0.14	0.05	0.001	0.033	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/21/88-07/29/97	6	0.06	0.08	0.2	0.02	0.004	0.063	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/21/88-07/29/97	6	0.6	0.683	1.2	0.4	0.082	0.286	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: ROMO0291

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/21/88-10/01/91	4	0.035	0.038	0.05	0.03	0.	0.01	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/21/88-07/29/97	5	1.1	1.08	1.7	0.4	0.232	0.482	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	06/21/88-10/01/91	4	23.5	30.25	67.	7.	660.917	25.708	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	06/21/88-10/01/91	4	2.25	2.375	4.	1.	2.563	1.601	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	06/21/88-10/01/91	4	19.5	30.25	65.	17.	538.25	23.2	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	06/21/88-07/29/97	6	0.007	0.009	0.02	0.	0.	0.009	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/21/88-07/29/97	6	0.75	0.74	1.6	0.04	0.275	0.525	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0291

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	6	0	0.00	6	0	0.00									
		Other-Lo Lim.	6.5	6	4	0.67	6	4	0.67									
00406	PH, FIELD	Fresh Chronic	9.	5	0	0.00	5	0	0.00									
		Other-Lo Lim.	6.5	5	4	0.80	5	4	0.80									
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	4	0	0.00	4	0	0.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	6	0	0.00	6	0	0.00									
		Drinking Water	250.	6	0	0.00	6	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	6	0	0.00	6	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	4	0	0.00	4	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	6	0	0.00	6	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0292

NPS Station ID: ROMO0292
LAT/LON: 40.288616/-105.677921
Agency: 11NPSWRD
Date Created: 08/28/99
Location: Andrews Creek Outlet to Andrews Tarn
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_SM_GGATO
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the McHenrys Peak CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0292

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	1	31.	31.	31.	31.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/31/81-07/31/81	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	1	6.48	6.48	6.48	6.48	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/31/81-07/31/81	1	6.48	6.48	6.48	6.48	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.331	0.331	0.331	0.331	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	1	36.	36.	36.	36.	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	1	0.17	0.17	0.17	0.17	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0292

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0293

NPS Station ID: ROMO0293
LAT/LON: 40.288753/-105.617309
Agency: 11NPSWRD
Date Created: 08/21/99
Location: Boulder Brook West Main Stem
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_JS_BBMSW
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 3146
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the Longs Peak CO 7.5' (topographic) series quadrangle in Rocky Mountain National Park. The station is located in the West Main Stem of Boulder Brook at the N. Longs Peak Trail crossing. The data originated from a University of Colorado dissertation entitled "Isotopic and Chemical Flowpath Separation of Streamflow During Snowmelt and Hydrogeological Controls of Surface-Water Chemistry in Six Alpine-Subalpine Basins; Rocky Mountain National Park; Colorado" 1996 by Julie K. Sueker. Sueker also contributed other data that weren't included in her dissertation. For more information about the data; contact Julie K. Sueker; Exponent Environmental Group; 4940 Pearl East Circle Ste. 300; Boulder CO 80301 (Tel. 970-444-7270). For information on the park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 97 -586-1206). Data were uploaded to STORET by Margaret Matter; NPS-WRD; 1201 Oak Ridge Dr. Ste. 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0293

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/06/93-08/15/95	5	14.	14.6	16.	14.	0.8	0.894	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	09/06/93-08/15/95	5	7.	7.06	7.2	7.	0.008	0.089	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/06/93-08/15/95	5	7.	7.053	7.2	7.	0.008	0.09	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/06/93-08/15/95	5	0.1	0.089	0.1	0.063	0.	0.017	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	09/06/93-08/15/95	5	117.8	122.5	152.1	86.4	627.65	25.053	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/06/93-08/15/95	5	0.1	0.134	0.2	0.08	0.004	0.061	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	09/06/93-08/15/95	5	0.8	0.78	1.1	0.2	0.122	0.349	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/06/93-08/15/95	5	8.4	8.14	8.8	7.4	0.368	0.607	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/15/95-08/15/95	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
46552	CALCIUM,FIELD ACIDIFIED W/HNO3 LAB FILTER(MG/L)	09/06/93-10/09/94	4	1.25	1.26	1.3	1.24	0.001	0.027	**	**	**	**
46554	MAGNESIUM,FIELD ACIDIFIED-HNO3-LAB FILT(MG/L-MG)	09/06/93-10/09/94	4	0.3	0.295	0.3	0.28	0.	0.01	**	**	**	**
46555	POTASSIUM,FIELD ACIDIFIED-HNO3-LAB FILT.(MG/L-K))	09/06/93-10/09/94	4	0.13	0.143	0.21	0.1	0.002	0.047	**	**	**	**
46556	SODIUM, FIELD ACIDIFIED W/HNO3, LAB FILTERED MG/L	09/06/93-10/09/94	4	1.47	1.455	1.49	1.39	0.002	0.045	**	**	**	**
50790	OXYGEN-18, (DELTA UNITS - PARTS PER THOUSAND)	07/20/94-10/09/94	3	-14.19	-14.437	-14.15	-14.97	0.214	0.462	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	08/15/95-08/15/95	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/06/93-08/15/95	5	0.3	0.34	0.5	0.2	0.013	0.114	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0293

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	5	0	0.00	5	0	0.00									
		Other-Lo Lim.	6.5	5	0	0.00	5	0	0.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	5	5	1.00	5	5	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	5	0	0.00	5	0	0.00									
		Drinking Water	250.	5	0	0.00	5	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	5	0	0.00	5	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	5	0	0.00	5	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0294

NPS Station ID: ROMO0294 | LAT/LON: 40.288892/-105.640281 | Agency: 12WLS1 | Date Created: 09/03/88
Location: MILLS LAKE | FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): 4E1-060
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006 | Depth of Water: 19 | Aquifer:
Major Basin: | Elevation: 0 | Water Body Id:
Minor Basin: | ECO Region:
RF1 Index: 10190006 | RF1 Mile Point: 0.000 | Distance from RF1: 26.80 | On/Off RF1:
RF3 Index: 10190007150103.93 | RF3 Mile Point: 3.99 | Distance from RF3: 0.06 | On/Off RF3:
Description:
THIS DATA WAS COLLECTED DURING THE WESTERN LAKE SURVEY-PHASE I (WLS-I) AS PART OF EPA'S NATIONAL SURFACE WATER SURVEY, AQUATIC EFFECTS RESEARCH PROGRAM. THE SURVEY DESIGN, METHODS, AND DATA LIMITATIONS ARE DESCRIBED IN:
LANDERS, D.H., ET AL. 1987. CHARACTERISTICS OF LAKES IN THE WESTERN UNITED STATES. VOL. I. POPULATION DESCRIPTIONS AND PHYSICO-CHEMICAL RELATIONSHIPS. EPA/600/4-86/054A. U.S. ENVIRON. PROT. AGENCY, WASHINGTON, D.C. 176 PP.
THE DATA PRESENTED HERE ARE THOSE REPORTED IN LANDERS ET AL. (1987) WITH THE FOLLOWING EXCEPTIONS: (1) UNITS FOR CHEMICAL PARAMETERS ARE TYPICALLY IN MG/L RATHER THAN MICROEQ/L; (2) NO SUBSTITUTED VALUES ARE PROVIDED FOR SUSPECT DATA; (3) TAGS AND FLAGS USED TO IDENTIFY SUSPICIOUS DATA ARE NOT SHOWN; AND (4) CALCULATED OR DERIVED VARIABLES ARE EXCLUDED.

Parameter Inventory for Station: ROMO0294

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/10/85-10/10/85	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/10/85-10/10/85	1	5.8	5.8	5.8	5.8	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	10/10/85-10/10/85	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/10/85-10/10/85	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00154	SULFATE (AS S) WHOLE WATER, MG/L	10/10/85-10/10/85	1	1.108	1.108	1.108	1.108	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	10/10/85-10/10/85	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/10/85-10/10/85	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/10/85-10/10/85	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	10/10/85-10/10/85	1	40.4	40.4	40.4	40.4	0.	0.	**	**	**	**
00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	10/10/85-10/10/85	1	3.5	3.5	3.5	3.5	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/10/85-10/10/85	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	10/10/85-10/10/85	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00910	CALCIUM (MG/L AS CACO3)	10/10/85-10/10/85	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/10/85-10/10/85	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/10/85-10/10/85	1	0.47	0.47	0.47	0.47	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/10/85-10/10/85	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/10/85-10/10/85	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/10/85-10/10/85	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/10/85-10/10/85	1	1.9	1.9	1.9	1.9	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/10/85-10/10/85	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	10/10/85-10/10/85	1	30.	30.	30.	30.	0.	0.	**	**	**	**
70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	10/10/85-10/10/85	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: ROMO0294

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/10/85-10/10/85	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
71885	IRON (UG/L AS FE)	10/10/85-10/10/85	1	25.	25.	25.	25.	0.	0.	**	**	**	**
72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	10/10/85-10/10/85	1	9946.06	9946.06	9946.06	9946.06	0.	0.	**	**	**	**
82047	DEPTH TO THE TOP OF THE SAMPLING INTERVAL (METERS)	10/10/85-10/10/85	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/10/85-10/10/85	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0294

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00154	SULFATE (AS S) WHOLE WATER	Drinking Water	250.	1	0	0.00	1	0	0.00									
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0295

NPS Station ID: ROMO0295
LAT/LON: 40.289226/-105.640782
Agency: 11NPSWRD
Date Created: 08/28/99
Location: Mills Lake Surface
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): ROMO_SM_GGMLS
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the McHenrys Peak CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0295

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	1	27.	27.	27.	27.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/31/81-07/31/81	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	1	6.48	6.48	6.48	6.48	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/31/81-07/31/81	1	6.48	6.48	6.48	6.48	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.331	0.331	0.331	0.331	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	1	50.	50.	50.	50.	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	1	0.11	0.11	0.11	0.11	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	1	3.1	3.1	3.1	3.1	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0295

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0296

NPS Station ID: ROMO0296
LAT/LON: 40.289226/-105.672087
Agency: 11NPSWRD
Date Created: 08/28/99
Location: Andrews Creek below Confluence with The Gash
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_SM_GGBTG
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the McHenrys Peak CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0296

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	1	34.	34.	34.	34.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/31/81-07/31/81	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.398	0.398	0.398	0.398	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	1	6.55	6.55	6.55	6.55	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/31/81-07/31/81	1	6.55	6.55	6.55	6.55	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.282	0.282	0.282	0.282	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	1	27.	27.	27.	27.	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	1	0.28	0.28	0.28	0.28	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	1	3.1	3.1	3.1	3.1	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0296

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0297

NPS Station ID: ROMO0297 LAT/LON: 40.289337/-105.640920 Agency: 11NPSWRD Date Created: 06/12/99
Location: MILLS LAKE NEAR THE ROCKY PROMONTORY FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): ROMO_JR_CAP22
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI RIVER Elevation: 0 Water Body Id:
Minor Basin: SOUTH PLATTE RIVER ECO Region:
RF1 Index: 10190006 RF1 Mile Point: 0.000 Distance from RF1: 12.40 On/Off RF1:
RF3 Index: 10190007002218.40 RF3 Mile Point: 18.39 Distance from RF3: 0.57 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MCHENRYS PEAK CO 7.5' SERIES (TOPO.) QUADRANGLE. THE SITE IS LOCATED AT MILLS LAKE NEAR THE ROCK PROMONTORY AND IS WITHIN ROCKY MOUNTAIN NATIONAL PARK. THE DATA ARE FROM ANNUAL CAPSHELL SNAIL MONITORING PROGRAM REPORTS BY JOHN RIEBESELL OF THE DEPARTMENT OF NATURAL RESOURCES AT THE UNIVERSITY OF MICHIGAN IN DEARBORN MI. TTHE REPORTS SUMMARIZED POPULATION DATA AND WATER QUALITY CHARACTERISTICS OF THE HABITAT OF CAPSHELL SNAILS; A CANDIDATE FOR LISTING UNDER THE FEDERAL ENDANGERED SPECIES ACT. FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0297

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/06/96-08/06/96	1	10.9	10.9	10.9	10.9	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/11/97-07/11/97	1	8.	8.	8.	8.	0.	0.	**	**	**	**
70975	TEMPERATURE, WATER,DAILY MINIMUM DEG C	07/15/96-07/15/96	1	11.2	11.2	11.2	11.2	0.	0.	**	**	**	**
70976	TEMPERATURE, WATER,DAILY MAXIMUM DEG C	07/15/96-07/15/96	1	12.8	12.8	12.8	12.8	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: ROMO0298

NPS Station ID: ROMO0298
LAT/LON: 40.289559/-105.664865
Agency: 11NPSWRD
Date Created: 08/28/99
Location: Andrews Creek above Confluence with Icy Brook
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_SM_GGAIB
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the McHenrys Peak CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0298

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	2	6.	6.	6.	6.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	2	30.	30.	30.	30.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	2	6.45	6.45	6.5	6.4	0.005	0.071	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/31/81-07/31/81	2	6.447	6.447	6.5	6.4	0.005	0.071	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	2	0.357	0.357	0.398	0.316	0.003	0.058	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	2	5.92	5.92	5.92	5.92	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/31/81-07/31/81	2	5.92	5.92	5.92	5.92	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	2	1.202	1.202	1.202	1.202	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	2	30.5	30.5	32.	29.	4.5	2.121	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	2	0.005	0.005	0.006	0.004	0.	0.001	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	2	0.75	0.75	0.8	0.7	0.005	0.071	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	2	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	2	0.29	0.29	0.29	0.29	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	2	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	2	0.075	0.075	0.1	0.05	0.001	0.035	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	2	1.15	1.15	1.3	1.	0.045	0.212	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	2	3.1	3.1	3.4	2.8	0.18	0.424	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	2 ##	0.004	0.004	0.007	0.	0.	0.005	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	2	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0298

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	2	1.00	2	2	1.00									
00406	PH, FIELD	Fresh Chronic	9.	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	2	1.00	2	2	1.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	2	2	1.00	2	2	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	2	0	0.00	2	0	0.00									
		Drinking Water	250.	2	0	0.00	2	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	2	0	0.00	2	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	2	0	0.00	2	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0299

NPS Station ID: ROMO0299
LAT/LON: 40.289698/-105.661977
Agency: 11NPSWRD
Date Created: 07/03/99
Location: ICY BROOK--UPSTREAM SAMPLE SITE
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_BK_KLOR
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MCHENRYS CO LARIMER 7.5' (TOPO.) QUADRANGLE. THE SITE IS AT THE UPSTREAM SAMPLING POINT AT ICY BROOK AND IS LOCATED IN ROCKY MOUNTAIN NATIONAL PARK. WATER QUALITY AND BENTHIC MACROINVERTEBRATE DATA WERE COLLECTED FOR TWO PARK STREAMS FOR THE PURPOSE OF ESTABLISHING RELATIONSHIPS BETWEEN THE TWO PARAMETERS THAT WOULD PROVIDE A HOLISTIC ASSESSMENT OF AQUATIC RESOURCES IN PARK STREAMS. DATA COLLECTION WAS PART OF THE LONG-TERM ECOLOGICAL MONITORING SYSTEM (EMS) AND WAS CONDUCTED BY BORIS KONDRATIEFF OF THE DEPARTMENT OF ENTOMOLOGY AT COLORADO STATE UNIVERSITY IN FORT COLLINS CO 80525 (TEL. 970-491-7314). FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0299

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/05/88-10/15/88	6	8.5	6.833	10.	1.	14.967	3.869	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/05/88-10/15/88	6	7.8	8.217	9.7	7.1	1.01	1.005	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/19/88-10/15/88	4	32.5	31.5	37.	24.	31.	5.568	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	07/05/88-10/15/88	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00629	NITROGEN, ORGANIC KJELDAHL, TOTAL (MG/L AS N)	07/05/88-10/15/88	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/05/88-10/15/88	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	07/05/88-10/15/88	6	0.6	0.583	0.9	0.2	0.07	0.264	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/05/88-10/15/88	6	3.	3.	4.	2.	0.8	0.894	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0299

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	6	0	0.00	6	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: ROMO0299

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	4	4	1.00	4	4	1.00									
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	6	0	0.00	6	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0300

NPS Station ID: ROMO0300 | LAT/LON: 40.289698/-105.661977 | Agency: 11NPSWRD | Date Created: 07/03/99
Location: ICY BROOK--UPSTREAM SAMPLING SITE | FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): ROMO_SH_HLOR
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006 | Depth of Water: 0 | Aquifer:
Major Basin: MISSOURI RIVER | Elevation: 0 | Water Body Id:
Minor Basin: SOUTH PLATTE RIVER | ECO Region:
RF1 Index: 10190006 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MCHENRYS PEAK CO LARIMER 7.5' SERIES (TOPO.) QUADRANGLE. THE SITE IS AT THE UPSTREAM SAMPLING POINT AT ICY BROOK WHICH FLOWS INTO THE LOCH AND IS LOCATED IN ROCKY MOUNTAIN NATIONAL PARK. THE DATA WERE COLLECTED BY SUSAN HOFFMEISTER OF COLORADO STATE UNIVERSITY IN FORT COLLINS CO AS PART OF THE LONG-TERM ECOLOGICAL MONITORING SYSTEM (EMS) DESIGNED TO ESTABLISH AND MONITOR RELATIONSHIPS BETWEEN WATER QUALITY AND BENTHIC MACROINVERTEBRATE COMMUNITIES IN TWO STREAMS IN ROCKY MOUNTAIN NATIONAL PARK. FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0300

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00300	OXYGEN, DISSOLVED MG/L	08/02/95-08/02/95	1	8.9	8.9	8.9	8.9	0.	0.	**	**	**	**
00402	SPECIFIC CONDUCTANCE,NON-TEMPERATURE CORR.UMHOS/CM	08/02/95-08/02/95	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/02/95-08/02/95	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/02/95-08/02/95	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/02/95-08/02/95	1	0.251	0.251	0.251	0.251	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	08/02/95-08/02/95	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/02/95-08/02/95	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00629	NITROGEN, ORGANIC KJELDAHL, TOTAL (MG/L AS N)	08/02/95-08/02/95	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/02/95-08/02/95	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/02/95-08/02/95	1	3.	3.	3.	3.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0300

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00	1	0	0.00									
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: ROMO0300

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0301

NPS Station ID: ROMO0301
LAT/LON: 40.289726/-105.663337
Agency: 112WRD
Date Created: 10/31/87
Location: ANDREWS CREEK - LOCH VALE
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 401723105394800
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 8.90
On/Off RF1:
RF3 Index: 10190006045400.79
RF3 Mile Point: 0.96
Distance from RF3: 0.03
On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0301

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/02/83-07/21/87	19	4.	6.263	20.	2.	18.538	4.306	3.	3.	9.	10.
00080	COLOR (PLATINUM-COBALT UNITS)	06/13/84-07/30/86	14	4.5	4.571	10.	1.	4.725	2.174	2.	3.	5.25	8.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/21/88-10/11/88	2	8.5	8.5	12.	5.	24.5	4.95	**	**	**	**
00400	PH (STANDARD UNITS)	08/26/87-10/29/91	10	6.475	6.403	6.73	5.91	0.067	0.258	5.923	6.228	6.555	6.723
00400	CONVERTED PH (STANDARD UNITS)	08/26/87-10/29/91	10	6.474	6.326	6.73	5.91	0.073	0.271	5.923	6.227	6.555	6.723
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/26/87-10/29/91	10	0.336	0.472	1.23	0.186	0.113	0.336	0.189	0.281	0.613	1.198
00403	PH, LAB, STANDARD UNITS SU	06/27/85-10/11/88	5	6.6	6.62	6.7	6.6	0.002	0.045	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/27/85-10/11/88	5	6.6	6.618	6.7	6.6	0.002	0.045	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/27/85-10/11/88	5	0.251	0.241	0.251	0.2	0.001	0.023	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/02/83-07/22/92	43	0.008	0.012	0.051	0.001	0.	0.012	0.001	0.003	0.018	0.031
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	08/15/84-07/22/92	35	0.001	0.002	0.01	0.001	0.	0.002	0.001	0.001	0.002	0.005
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/02/83-07/22/92	33	0.26	0.258	0.39	0.01	0.007	0.084	0.154	0.215	0.315	0.376
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/15/84-07/22/92	35	0.3	0.258	0.4	0.03	0.006	0.079	0.2	0.2	0.3	0.34
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/13/84-10/11/84	5 ##	0.005	0.011	0.03	0.005	0.	0.011	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/02/83-07/22/92	43	0.002	0.01	0.16	0.001	0.001	0.027	0.001	0.001	0.005	0.033
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/24/87-10/11/88	3	1.1	1.167	1.8	0.6	0.363	0.603	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/11/88-10/11/88	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/21/88-10/11/88	2	0.09	0.09	0.1	0.08	0.	0.014	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/26/87-10/11/88	4	0.38	0.358	0.48	0.19	0.015	0.122	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/26/87-10/11/88	3	0.14	0.13	0.17	0.08	0.002	0.046	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/02/83-07/22/92	43	0.1	0.149	1.	0.05	0.021	0.145	0.064	0.09	0.2	0.2
00945	SULFATE, TOTAL (MG/L AS SO4)	08/02/83-07/22/92	44	1.	1.245	2.	0.5	0.23	0.48	1.	1.	2.	2.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/24/87-10/11/88	3	0.04	0.047	0.06	0.04	0.	0.012	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/21/88-10/11/88	2	1.05	1.05	1.7	0.4	0.845	0.919	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/26/87-10/11/88	3	15.	16.	24.	9.	57.	7.55	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/11/88-10/11/88	1	3.5	3.5	3.5	3.5	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/26/87-10/11/88	4	17.5	17.75	28.	8.	68.25	8.261	**	**	**	**
71825	ACIDITY, TOTAL (MG/L AS H)	08/02/83-07/22/92	33	0.02	0.022	0.05	0.005	0.	0.008	0.01	0.02	0.025	0.03
71870	BROMIDE (MG/L AS BR)	08/02/83-07/22/92	44 ##	0.005	0.007	0.025	0.	0.	0.006	0.005	0.005	0.005	0.015
72015	DEPTH TO TOP OF SAMPLE INTERVAL (FT BELOW LSD)	08/30/83-08/30/83	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0301

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	10	0	0.00	10	0	0.00									
		Other-Lo Lim.	6.5	10	6	0.60	10	6	0.60									
00403	PH, LAB	Fresh Chronic	9.	5	0	0.00	5	0	0.00									
		Other-Lo Lim.	6.5	5	0	0.00	5	0	0.00									
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	35	0	0.00	34	0	0.00				1	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	33	0	0.00	32	0	0.00				1	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	35	0	0.00	34	0	0.00				1	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	43	0	0.00	42	0	0.00				1	0	0.00			
		Drinking Water	250.	43	0	0.00	42	0	0.00				1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	44	0	0.00	43	0	0.00				1	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	3	0	0.00	3	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 6/10 to 10/31 - Station ROMO0301

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/02/83-07/22/92	42	0.008	0.012	0.051	0.001	0.	0.012	0.001	0.003	0.016	0.031
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	08/15/84-07/22/92	34	0.001	0.002	0.01	0.001	0.	0.002	0.001	0.001	0.002	0.005
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/02/83-07/22/92	32	0.255	0.254	0.39	0.01	0.007	0.081	0.153	0.213	0.31	0.361
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/15/84-07/22/92	34	0.3	0.254	0.4	0.03	0.006	0.076	0.2	0.2	0.3	0.3
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/02/83-07/22/92	42	0.002	0.01	0.16	0.001	0.001	0.027	0.001	0.001	0.005	0.037
00940	CHLORIDE,TOTAL IN WATER MG/L	08/02/83-07/22/92	42	0.1	0.147	1.	0.05	0.022	0.147	0.063	0.09	0.2	0.2
00945	SULFATE, TOTAL (MG/L AS SO4)	08/02/83-07/22/92	43	1.	1.228	2.	0.5	0.222	0.471	1.	1.	2.	2.
71825	ACIDITY, TOTAL (MG/L AS H)	08/02/83-07/22/92	32	0.02	0.021	0.05	0.005	0.	0.008	0.01	0.02	0.02	0.03
71870	BROMIDE (MG/L AS BR)	08/02/83-07/22/92	43 ##	0.005	0.007	0.025	0.	0.	0.006	0.005	0.005	0.005	0.016

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/11 to 6/09 - Station ROMO0301

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/02/83-07/22/92	1	0.026	0.026	0.026	0.026	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	08/15/84-07/22/92	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/02/83-07/22/92	1	0.39	0.39	0.39	0.39	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/15/84-07/22/92	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/02/83-07/22/92	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/02/83-07/22/92	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/02/83-07/22/92	1	2.	2.	2.	2.	0.	0.	**	**	**	**
71825	ACIDITY, TOTAL (MG/L AS H)	08/02/83-07/22/92	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
71870	BROMIDE (MG/L AS BR)	08/02/83-07/22/92	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: ROMO0302

NPS Station ID: ROMO0302
LAT/LON: 40.289726/-105.666671
Agency: 11NPSWRD
Date Created: 06/12/99
Location: ANDREWS CREEK
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_USGS_ANDRW
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MCHENRYS PEAK CO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT ANDREWS CREEK IN LOCH VALE WATERSHED AND IS WITHIN ROCKY MOUNTAIN NATIONAL PARK. THE DATA WERE COLLECTED BY THE U.S.G.S. TO SUPPLEMENT ONGOING MONITORING ACID PRECIPITATION FOR THE LOCH VALE WATERSHED STUDY. THE STUDY EXAMINED RUNOFF SOURCES AND FLOWPATHS; AND BIOGEOCHEMICAL PROCESSES CONTROLLING THE RELEASE OF SOLUTES FROM THE SNOWPACK. DETAILS OF THE STUDY MAY BE OBTAINED FROM DR. DAVID CLOW OF THE U.S.G.S. IN LAKEWOOD CO (TEL. 970-236-4882). FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0302

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/22/94-11/12/98	45	3.	2.542	6.	0.	3.697	1.923	0.	0.75	4.2	5.
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/15/92-11/12/98	410	3.	3.886	15.	0.1	7.255	2.693	1.	2.	6.	7.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/15/92-07/14/98	432	13.	12.896	23.	7.	9.894	3.145	9.	10.	16.	17.
00400	PH (STANDARD UNITS)	04/15/92-09/15/98	431	6.63	6.639	7.1	6.2	0.017	0.129	6.482	6.55	6.72	6.81
00400	CONVERTED PH (STANDARD UNITS)	04/15/92-09/15/98	431	6.63	6.62	7.1	6.2	0.017	0.131	6.482	6.55	6.72	6.81
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/15/92-09/15/98	431	0.234	0.24	0.631	0.079	0.005	0.073	0.155	0.191	0.282	0.33
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/15/92-09/11/98	439	3.	3.105	7.	1.	0.861	0.928	2.	3.	3.	4.
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	04/06/94-08/04/98	35	0.8	0.951	2.7	0.1	0.364	0.603	0.5	0.6	1.	2.12
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/15/92-09/24/98	444	1.2	1.253	2.3	0.7	0.117	0.342	0.8	0.9	1.6	1.7
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/15/92-09/24/98	444	0.2	0.193	0.3	0.1	0.005	0.072	0.1	0.1	0.2	0.3
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/15/92-09/24/98	444	0.42	0.436	0.72	0.21	0.012	0.109	0.31	0.343	0.52	0.59
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/15/92-10/20/97	412	0.155	0.162	0.47	0.08	0.003	0.055	0.1	0.12	0.19	0.23
00941	CHLORIDE, DISSOLVED IN WATER MG/L	04/15/92-11/12/98	500	0.1	0.147	1.	0.01	0.021	0.144	0.06	0.08	0.2	0.2
00946	SULFATE, DISSOLVED (MG/L AS SO4)	04/15/92-11/12/98	509	1.4	1.52	3.4	0.01	0.236	0.486	1.	1.1	1.9	2.2
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/15/92-09/24/98	442	2.1	2.158	3.8	1.	0.228	0.478	1.6	1.8	2.5	2.9
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	05/11/93-09/24/98	241	6.	6.643	13.	1.	5.922	2.434	4.	5.	8.	10.
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	04/15/92-10/20/97	413	0.009	0.015	0.17	0.004	0.	0.019	0.004	0.004	0.02	0.03
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	04/15/92-11/12/98	502	1.5	1.547	3.5	0.03	0.315	0.562	0.9	1.	2.	2.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0302

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	431	0	0.00	257	0	0.00	11	0	0.00	163	0	0.00			
		Other-Lo Lim.	6.5	431	55	0.13	257	36	0.14	11	2	0.18	163	17	0.10			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	500	0	0.00	321	0	0.00	13	0	0.00	166	0	0.00			
		Drinking Water	250.	500	0	0.00	321	0	0.00	13	0	0.00	166	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	509	0	0.00	324	0	0.00	13	0	0.00	172	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	502	0	0.00	322	0	0.00	13	0	0.00	167	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1992 - Station ROMO0302

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/15/92-11/12/98	116	3.	3.155	8.	0.2	4.595	2.144	0.4	1.25	4.	6.3
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/15/92-07/14/98	117	14.	13.504	18.	10.	6.425	2.535	10.	11.	16.	16.2
00400	PH (STANDARD UNITS)	04/15/92-09/15/98	117	6.68	6.685	7.1	6.46	0.013	0.113	6.54	6.6	6.75	6.812
00400	CONVERTED PH (STANDARD UNITS)	04/15/92-09/15/98	117	6.68	6.671	7.1	6.46	0.013	0.114	6.54	6.6	6.75	6.812
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/15/92-09/15/98	117	0.209	0.213	0.347	0.079	0.003	0.053	0.154	0.178	0.251	0.288
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/15/92-09/11/98	116	3.	3.259	7.	2.	0.698	0.835	2.	3.	4.	4.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/15/92-09/24/98	117	1.3	1.292	1.7	0.7	0.078	0.279	0.9	1.	1.6	1.6
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/15/92-09/24/98	117	0.2	0.204	0.3	0.1	0.005	0.069	0.1	0.2	0.3	0.3
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/15/92-09/24/98	117	0.46	0.451	0.66	0.21	0.009	0.094	0.34	0.37	0.52	0.552
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/15/92-10/20/97	117	0.16	0.173	0.34	0.09	0.002	0.049	0.12	0.14	0.21	0.24
00941	CHLORIDE, DISSOLVED IN WATER MG/L	04/15/92-11/12/98	117	0.1	0.135	0.3	0.05	0.003	0.056	0.078	0.1	0.2	0.2
00946	SULFATE, DISSOLVED (MG/L AS SO4)	04/15/92-11/12/98	117	1.7	1.697	2.4	1.1	0.16	0.401	1.2	1.3	2.1	2.2
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/15/92-09/24/98	117	2.4	2.29	3.3	1.4	0.171	0.414	1.8	1.9	2.5	2.74
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	04/15/92-10/20/97	117	0.01	0.014	0.07	0.004	0.	0.013	0.004	0.004	0.02	0.03
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	04/15/92-11/12/98	117	1.6	1.634	2.4	0.8	0.199	0.446	1.	1.3	2.1	2.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station ROMO0302

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/15/92-11/12/98	104	3.5	3.952	10.	1.	6.085	2.467	1.	2.	6.	8.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/15/92-07/14/98	107	13.	13.439	23.	8.	12.192	3.492	9.	10.	17.	18.
00400	PH (STANDARD UNITS)	04/15/92-09/15/98	107	6.64	6.646	6.89	6.38	0.014	0.12	6.498	6.55	6.74	6.802
00400	CONVERTED PH (STANDARD UNITS)	04/15/92-09/15/98	107	6.64	6.63	6.89	6.38	0.015	0.121	6.498	6.55	6.74	6.802
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/15/92-09/15/98	107	0.229	0.235	0.417	0.129	0.004	0.066	0.158	0.182	0.282	0.318
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/15/92-09/11/98	107	3.	3.14	5.	2.	0.499	0.706	2.	3.	3.	4.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/15/92-09/24/98	107	1.2	1.307	2.2	0.8	0.139	0.372	0.8	1.	1.7	1.8
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/15/92-09/24/98	107	0.2	0.205	0.3	0.1	0.005	0.072	0.1	0.2	0.3	0.3
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/15/92-09/24/98	107	0.43	0.445	0.72	0.25	0.014	0.119	0.3	0.35	0.53	0.592
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/15/92-10/20/97	105	0.17	0.173	0.42	0.08	0.003	0.056	0.11	0.13	0.2	0.244
00941	CHLORIDE, DISSOLVED IN WATER MG/L	04/15/92-11/12/98	106	0.1	0.141	0.3	0.04	0.004	0.066	0.06	0.1	0.2	0.2
00946	SULFATE, DISSOLVED (MG/L AS SO4)	04/15/92-11/12/98	107	1.6	1.692	3.4	0.9	0.318	0.564	1.08	1.2	2.2	2.5
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/15/92-09/24/98	107	2.2	2.172	3.2	1.2	0.147	0.384	1.7	1.9	2.4	2.6
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	05/11/93-09/24/98	23	5.	5.652	9.	1.	7.51	2.74	2.	3.	8.	9.
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	04/15/92-10/20/97	106	0.02	0.021	0.17	0.004	0.001	0.023	0.004	0.008	0.03	0.05
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	04/15/92-11/12/98	107	1.7	1.715	3.5	0.7	0.395	0.629	0.9	1.1	2.3	2.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station ROMO0302

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/15/92-11/12/98	92	3.	3.716	9.	0.9	3.969	1.992	1.	2.	5.	7.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/15/92-07/14/98	107	12.	12.252	20.	8.	9.228	3.038	9.	9.	15.	16.2
00400	PH (STANDARD UNITS)	04/15/92-09/15/98	108	6.61	6.62	6.95	6.2	0.014	0.117	6.479	6.543	6.7	6.772
00400	CONVERTED PH (STANDARD UNITS)	04/15/92-09/15/98	108	6.61	6.605	6.95	6.2	0.014	0.118	6.479	6.542	6.7	6.772
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/15/92-09/15/98	108	0.245	0.249	0.631	0.112	0.005	0.069	0.169	0.2	0.287	0.332
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/15/92-09/11/98	108	3.	2.87	6.	1.	0.918	0.958	2.	2.	3.	4.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/15/92-09/24/98	108	1.2	1.184	2.	0.7	0.104	0.322	0.8	0.9	1.5	1.6
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/15/92-09/24/98	108	0.2	0.18	0.3	0.1	0.005	0.069	0.1	0.1	0.2	0.3
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/15/92-09/24/98	108	0.39	0.415	0.69	0.3	0.01	0.101	0.309	0.33	0.48	0.571
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/15/92-10/20/97	108	0.13	0.146	0.47	0.08	0.003	0.054	0.1	0.11	0.17	0.2
00941	CHLORIDE, DISSOLVED IN WATER MG/L	04/15/92-11/12/98	107	0.1	0.106	0.2	0.02	0.003	0.057	0.04	0.06	0.1	0.2
00946	SULFATE, DISSOLVED (MG/L AS SO4)	04/15/92-11/12/98	109	1.4	1.439	2.7	0.8	0.228	0.477	0.9	1.	1.75	2.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station ROMO0302

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/15/92-09/24/98	108	1.9	2.005	3.2	1.	0.223	0.472	1.5	1.7	2.2	2.9
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	05/11/93-09/24/98	108	6.	6.176	12.	1.	4.595	2.144	3.	5.	7.	9.
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	04/15/92-10/20/97	108	0.01	0.016	0.15	0.004	0.001	0.023	0.004	0.004	0.02	0.03
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	04/15/92-11/12/98	108	1.6	1.609	3.3	0.7	0.309	0.556	0.9	1.025	2.075	2.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1995 - Station ROMO0302

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/15/92-11/12/98	30	6.5	6.943	15.	0.4	20.044	4.477	0.55	3.	11.25	13.8
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/15/92-07/14/98	32	12.	12.125	17.	7.	8.5	2.915	8.	9.25	14.75	16.
00400	PH (STANDARD UNITS)	04/15/92-09/15/98	34	6.565	6.591	7.	6.24	0.024	0.154	6.42	6.508	6.67	6.835
00400	CONVERTED PH (STANDARD UNITS)	04/15/92-09/15/98	34	6.565	6.566	7.	6.24	0.024	0.156	6.42	6.507	6.67	6.835
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/15/92-09/15/98	34	0.272	0.272	0.575	0.1	0.009	0.095	0.146	0.214	0.311	0.381
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/15/92-09/11/98	34	3.	3.206	5.	2.	0.775	0.88	2.	3.	4.	5.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/15/92-09/24/98	34	1.2	1.241	1.7	0.7	0.096	0.31	0.8	0.9	1.525	1.7
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/15/92-09/24/98	34	0.2	0.191	0.3	0.1	0.004	0.067	0.1	0.1	0.2	0.3
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/15/92-09/24/98	34	0.4	0.419	0.67	0.29	0.012	0.109	0.3	0.32	0.468	0.62
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/15/92-10/20/97	34	0.16	0.149	0.26	0.08	0.002	0.044	0.085	0.11	0.18	0.205
00941	CHLORIDE, DISSOLVED IN WATER MG/L	04/15/92-11/12/98	33	0.1	0.125	0.3	0.05	0.004	0.066	0.07	0.09	0.2	0.2
00946	SULFATE, DISSOLVED (MG/L AS SO4)	04/15/92-11/12/98	39	1.4	1.451	2.6	0.6	0.219	0.468	0.9	1.	1.7	2.1
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/15/92-09/24/98	34	2.	2.279	3.8	1.6	0.329	0.574	1.7	1.9	2.525	3.35
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	05/11/93-09/24/98	34	6.5	6.588	9.	4.	2.977	1.725	4.	5.	8.	9.
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	04/15/92-10/20/97	34 ##	0.004	0.009	0.04	0.004	0.	0.008	0.004	0.004	0.01	0.02
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	04/15/92-11/12/98	33	1.6	1.533	2.3	0.7	0.19	0.436	0.84	1.25	1.8	2.12

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1996 - Station ROMO0302

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/15/92-11/12/98	24	3.	3.875	10.	0.1	10.176	3.19	0.15	2.	7.	9.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/15/92-07/14/98	29	12.	12.	18.	8.	12.286	3.505	8.	8.	15.5	16.
00400	PH (STANDARD UNITS)	04/15/92-09/15/98	29	6.67	6.698	6.97	6.39	0.019	0.138	6.56	6.615	6.835	6.9
00400	CONVERTED PH (STANDARD UNITS)	04/15/92-09/15/98	29	6.67	6.677	6.97	6.39	0.019	0.14	6.56	6.615	6.835	6.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/15/92-09/15/98	29	0.214	0.21	0.407	0.107	0.004	0.066	0.126	0.146	0.243	0.275
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/15/92-09/11/98	28	3.	3.25	6.	2.	1.676	1.295	2.	2.	4.	5.1
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/15/92-09/24/98	29	1.2	1.234	1.9	0.8	0.157	0.396	0.8	0.8	1.6	1.8
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/15/92-09/24/98	29	0.2	0.186	0.3	0.1	0.006	0.079	0.1	0.1	0.25	0.3
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/15/92-09/24/98	29	0.43	0.443	0.66	0.27	0.017	0.132	0.3	0.32	0.57	0.65
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/15/92-10/20/97	24	0.135	0.142	0.29	0.09	0.002	0.048	0.095	0.1	0.17	0.2
00941	CHLORIDE, DISSOLVED IN WATER MG/L	04/15/92-11/12/98	29	0.1	0.104	0.2	0.06	0.002	0.047	0.06	0.07	0.1	0.2
00946	SULFATE, DISSOLVED (MG/L AS SO4)	04/15/92-11/12/98	29	1.4	1.448	2.4	0.8	0.293	0.541	0.8	0.9	2.	2.1
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/15/92-09/24/98	29	1.9	2.186	3.4	1.4	0.461	0.679	1.5	1.6	2.75	3.3
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	05/11/93-09/24/98	29	6.	7.31	11.	4.	5.007	2.238	5.	5.	9.	10.
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	04/15/92-10/20/97	24 ##	0.004	0.007	0.07	0.004	0.	0.014	0.004	0.004	0.004	0.008
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	04/15/92-11/12/98	29	1.6	1.538	2.7	0.7	0.388	0.623	0.8	1.	1.85	2.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1997 - Station ROMO0302

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/15/92-11/12/98	23	4.	4.043	8.	0.3	5.388	2.321	0.82	2.	6.	7.6
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/15/92-07/14/98	26	11.	11.615	17.	8.	10.566	3.251	8.	9.	14.25	17.
00400	PH (STANDARD UNITS)	04/15/92-09/15/98	26	6.54	6.548	6.81	6.39	0.008	0.088	6.431	6.508	6.595	6.653
00400	CONVERTED PH (STANDARD UNITS)	04/15/92-09/15/98	26	6.54	6.54	6.81	6.39	0.008	0.089	6.431	6.507	6.595	6.653
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/15/92-09/15/98	26	0.288	0.288	0.407	0.155	0.003	0.056	0.222	0.254	0.311	0.371
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/15/92-09/11/98	26	3.	2.885	7.	2.	1.306	1.143	2.	2.	3.25	4.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/15/92-09/24/98	26	1.1	1.219	2.3	0.7	0.204	0.452	0.8	0.9	1.425	2.02
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/15/92-09/24/98	26	0.2	0.181	0.3	0.1	0.006	0.08	0.1	0.1	0.225	0.3
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/15/92-09/24/98	26	0.39	0.428	0.64	0.29	0.011	0.106	0.307	0.338	0.523	0.578
00935	POTASSIUM, DISSOLVED (MG/L AS K)	04/15/92-10/20/97	24	0.135	0.17	0.45	0.11	0.007	0.082	0.11	0.12	0.203	0.29
00941	CHLORIDE, DISSOLVED IN WATER MG/L	04/15/92-11/12/98	26	0.09	0.096	0.2	0.04	0.003	0.051	0.04	0.058	0.1	0.2
00946	SULFATE, DISSOLVED (MG/L AS SO4)	04/15/92-11/12/98	26	1.2	1.404	2.3	0.8	0.215	0.463	0.9	1.	1.8	2.16
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/15/92-09/24/98	24	1.8	2.	3.4	1.4	0.235	0.485	1.5	1.7	2.3	2.7
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	05/11/93-09/24/98	24	8.	7.375	10.	3.	6.592	2.568	4.	5.	10.	10.
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	04/15/92-10/20/97	24 ##	0.004	0.008	0.09	0.004	0.	0.018	0.004	0.004	0.004	0.015
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	04/15/92-11/12/98	26	1.35	1.504	2.7	0.9	0.38	0.616	0.9	0.975	1.9	2.7

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1998 - Station ROMO0302

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	04/15/92-11/12/98	21	3.	3.81	11.	0.2	8.534	2.921	0.28	1.5	5.5	8.6
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/15/92-07/14/98	14	15.5	14.571	18.	8.	10.264	3.204	9.	12.25	17.	18.
00400	PH (STANDARD UNITS)	04/15/92-09/15/98	10	6.42	6.443	6.68	6.29	0.016	0.127	6.294	6.345	6.515	6.674
00400	CONVERTED PH (STANDARD UNITS)	04/15/92-09/15/98	10	6.419	6.427	6.68	6.29	0.016	0.128	6.294	6.345	6.515	6.674
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/15/92-09/15/98	10	0.381	0.374	0.513	0.209	0.01	0.099	0.212	0.308	0.452	0.508
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/15/92-09/11/98	20	3.	3.2	6.	2.	1.642	1.281	2.	2.	4.	5.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/15/92-09/24/98	23	1.	1.213	1.9	0.8	0.149	0.386	0.8	0.9	1.6	1.76
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/15/92-09/24/98	23	0.2	0.178	0.3	0.1	0.005	0.074	0.1	0.1	0.2	0.3
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/15/92-09/24/98	23	0.41	0.443	0.7	0.29	0.017	0.131	0.32	0.32	0.52	0.676
00941	CHLORIDE, DISSOLVED IN WATER MG/L	04/15/92-11/12/98	82	0.1	0.266	1.	0.01	0.091	0.301	0.06	0.07	0.6	0.8
00946	SULFATE, DISSOLVED (MG/L AS SO4)	04/15/92-11/12/98	82	1.2	1.243	2.1	0.01	0.08	0.284	1.03	1.1	1.2	1.7
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/15/92-09/24/98	23	1.9	2.091	3.2	1.4	0.291	0.539	1.5	1.7	2.5	2.96
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	05/11/93-09/24/98	23	7.	8.304	13.	5.	10.858	3.295	5.	5.	12.	13.
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	04/15/92-11/12/98	82	1.	1.143	3.	0.03	0.194	0.441	0.9	0.9	1.1	1.7

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 6/10 to 10/31 - Station ROMO0302

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/15/92-07/14/98	255	10.	10.788	18.	7.	4.16	2.04	8.	9.	13.	13.
00400	PH (STANDARD UNITS)	04/15/92-09/15/98	257	6.6	6.608	7.1	6.2	0.013	0.115	6.48	6.53	6.67	6.772
00400	CONVERTED PH (STANDARD UNITS)	04/15/92-09/15/98	257	6.6	6.593	7.1	6.2	0.014	0.116	6.48	6.53	6.67	6.772
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/15/92-09/15/98	257	0.251	0.255	0.631	0.079	0.005	0.068	0.169	0.214	0.295	0.331
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/15/92-09/11/98	255	3.	2.69	7.	1.	0.435	0.66	2.	2.	3.	3.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/15/92-09/24/98	264	1.	1.018	1.7	0.7	0.038	0.196	0.8	0.9	1.2	1.3
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/15/92-09/24/98	264	0.2	0.152	0.3	0.1	0.003	0.051	0.1	0.1	0.2	0.2
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/15/92-09/24/98	264	0.36	0.372	0.61	0.21	0.005	0.07	0.3	0.32	0.42	0.48
00941	CHLORIDE, DISSOLVED IN WATER MG/L	04/15/92-11/12/98	321	0.09	0.134	1.	0.02	0.03	0.173	0.05	0.06	0.1	0.2
00946	SULFATE, DISSOLVED (MG/L AS SO4)	04/15/92-11/12/98	324	1.2	1.231	2.1	0.6	0.067	0.259	0.9	1.025	1.4	1.6
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/15/92-09/24/98	264	1.9	1.905	2.9	1.2	0.099	0.314	1.5	1.7	2.1	2.4
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	04/15/92-11/12/98	322	1.1	1.231	2.5	0.7	0.129	0.359	0.9	1.	1.5	1.7

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 4/10 - Station ROMO0302

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/15/92-07/14/98	12	15.5	15.417	17.	14.	0.811	0.9	14.	15.	16.	16.7
00400	PH (STANDARD UNITS)	04/15/92-09/15/98	11	6.73	6.685	6.92	6.36	0.034	0.184	6.384	6.51	6.86	6.91
00400	CONVERTED PH (STANDARD UNITS)	04/15/92-09/15/98	11	6.73	6.649	6.92	6.36	0.036	0.188	6.384	6.51	6.86	6.91
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/15/92-09/15/98	11	0.186	0.225	0.437	0.12	0.01	0.101	0.123	0.138	0.309	0.415
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/15/92-09/11/98	11	5.	4.818	6.	4.	0.364	0.603	4.	4.	5.	5.8
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/15/92-09/24/98	12	1.55	1.517	1.6	1.3	0.011	0.103	1.33	1.425	1.6	1.6
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/15/92-09/24/98	12	0.2	0.208	0.3	0.2	0.001	0.029	0.2	0.2	0.2	0.27
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/15/92-09/24/98	12	0.645	0.627	0.7	0.5	0.004	0.065	0.506	0.578	0.675	0.697
00941	CHLORIDE, DISSOLVED IN WATER MG/L	04/15/92-11/12/98	13	0.1	0.107	0.2	0.09	0.001	0.028	0.094	0.1	0.1	0.16
00946	SULFATE, DISSOLVED (MG/L AS SO4)	04/15/92-11/12/98	13	1.8	1.854	2.	1.6	0.019	0.139	1.64	1.75	2.	2.
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/15/92-09/24/98	12	3.05	3.008	3.2	2.6	0.044	0.211	2.63	2.9	3.2	3.2
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	04/15/92-11/12/98	13	1.7	1.646	2.1	1.4	0.029	0.171	1.44	1.5	1.7	1.94

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/11 to 6/09 - Station ROMO0302

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/15/92-07/14/98	165	16.	15.97	23.	12.	2.627	1.621	14.	15.	17.	18.
00400	PH (STANDARD UNITS)	04/15/92-09/15/98	163	6.69	6.684	6.97	6.24	0.018	0.133	6.494	6.61	6.77	6.862
00400	CONVERTED PH (STANDARD UNITS)	04/15/92-09/15/98	163	6.69	6.663	6.97	6.24	0.018	0.135	6.494	6.61	6.77	6.862
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/15/92-09/15/98	163	0.204	0.217	0.575	0.107	0.005	0.072	0.137	0.17	0.245	0.321
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/15/92-09/11/98	173	3.	3.607	7.	2.	0.833	0.913	3.	3.	4.	5.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	04/15/92-09/24/98	168	1.6	1.604	2.3	1.1	0.033	0.181	1.4	1.5	1.7	1.8
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	04/15/92-09/24/98	168	0.3	0.258	0.3	0.2	0.002	0.049	0.2	0.2	0.3	0.3
00930	SODIUM, DISSOLVED (MG/L AS NA)	04/15/92-09/24/98	168	0.52	0.524	0.72	0.34	0.007	0.081	0.42	0.48	0.577	0.65
00941	CHLORIDE, DISSOLVED IN WATER MG/L	04/15/92-11/12/98	166	0.2	0.176	0.3	0.01	0.003	0.053	0.1	0.1	0.2	0.2
00946	SULFATE, DISSOLVED (MG/L AS SO4)	04/15/92-11/12/98	172	2.1	2.037	3.4	0.01	0.138	0.371	1.5	1.9	2.2	2.4
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/15/92-09/24/98	166	2.4	2.499	3.8	1.	0.178	0.422	2.07	2.2	2.7	3.1
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	04/15/92-11/12/98	167	2.2	2.147	3.5	0.03	0.144	0.379	1.7	2.	2.3	2.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: ROMO0303

NPS Station ID: ROMO0303
LAT/LON: 40.289726/-105.666671
Agency: 112WRD
Date Created: 07/25/92
Location: ANDREWS CREEK-LOCH VALE-RMNP
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 401723105400000
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC:
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 10190007157200.00
RF3 Mile Point: 2.43
Distance from RF3: 0.34
On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0303

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	04/15/92-09/16/94	226	0.011	0.013	0.131	0.001	0.	0.014	0.001	0.004	0.018	0.027
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/16/94-09/16/94	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/16/94-09/16/94	1	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0303

				Total	Exceed	Prop.	6/10-10/31			11/01-4/10			4/11-6/09			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0304

NPS Station ID: ROMO0304
LAT/LON: 40.289920/-105.666588
Agency: 11NPSWRD
Date Created: 04/10/99
Location: ABOVE ANDREWS CREEK CAMPGROUND
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_NPS_AAC
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MCHENRYS PEAK; COLORADO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. STATION AAC WAS AT ANDREWS CREEK UPSTREAM OF ANDREWS CREEK CAMPGROUND INSIDE OF THE ROCKY MOUNTAIN NATIONAL PARK (ROMO) BOUNDARIES. THE CREEK WAS SAMPLED AS PART OF A STUDY TO ASSESS THE IMPACT OF RECREATIONISTS ON STREAM WATER QUALITY; THE PRESENCE OR ABSENCE OF GIARDIA; AND THE IMPACT ON BACKCOUNTRY USERS WHO INGEST WATER FROM STREAMS OR LAKES IN THE LOCH VALE AND GLACIER GORGE WATERSHEDS. DATA WERE PUBLISHED IN A NATURAL RESOURCES REPORT SERIES 85-3 REPORT TITLED "FIELD SURVEY OF GIARDIA IN STREAMS AND WILDLIFE OF THE GLACIER GORGE AND LOCH VALE BASINS; ROCKY MOUNTAIN NATIONAL PARK" BY SAM KUNKLE AND NANCY COWDIN (1985). FOR MORE INFORMATION CONTACT ROMO'S CHIEF OF RESOURCES AT ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY RYAN SHY; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0304

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	06/01/84-07/30/84	4	41.	45.5	100.	0.	2707.667	52.035	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	06/01/84-07/30/84	4	1.102	1.051	2.	0.	1.098	1.048	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			11.247								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/01/84-07/30/84	4	26.	24.5	46.	0.	361.667	19.018	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/01/84-07/30/84	4	1.412	1.122	1.663	0.	0.575	0.758	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			13.235								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/01/84-07/30/84	4	17.5	15.5	27.	0.	147.	12.124	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	06/01/84-07/30/84	4	1.22	0.968	1.431	0.	0.44	0.663	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			9.291								
61732	GIARDIA, FILTRATION CYSTS/100 GAL	08/09/84-10/09/84	5	0.	0.34	1.7	0.	0.578	0.76	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0304

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	4	0	0.00	4	0	0.00									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	4	0	0.00	4	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0305

NPS Station ID: ROMO0305
LAT/LON: 40.290837/-105.607782
Agency: 11NPSWRD
Date Created: 08/21/99
Location: Boulder Brook Spring @ 10400 ft.
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): ROMO_JS_BBSPG3
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 3292
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the Longs Peak CO 7.5' (topographic) series quadrangle in Rocky Mountain National Park. The station is a spring below a switchback on the North Longs Peak Trail at 10400' (LL plots at 10700'). The data originated from a University of Colorado dissertation entitled "Isotopic and Chemical Flowpath Separation of Streamflow During Snowmelt and Hydrogeological Controls of Surface-Water Chemistry in Six Alpine-Subalpine Basins; Rocky Mountain National Park; Colorado" 1996 by Julie K. Sueker. Sueker also contributed other data that weren't included in her dissertation. For more information about the data; contact Julie K. Sueker; Exponent Environmental Group; 4940 Pearl East Circle Ste. 300; Boulder CO 80301 (Tel. 970-444-7270). For information on the park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 97 -586-1206). Data were uploaded to STORET by Margaret Matter; NPS-WRD; 1201 Oak Ridge Dr. Ste. 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0305

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/06/93-08/15/95	5	18.	18.2	20.	17.	1.2	1.095	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	09/06/93-08/15/95	5	6.9	6.94	7.1	6.8	0.013	0.114	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/06/93-08/15/95	5	6.9	6.928	7.1	6.8	0.013	0.115	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/06/93-08/15/95	5	0.126	0.118	0.158	0.079	0.001	0.03	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	09/06/93-08/15/95	5	109.	121.12	161.5	97.3	682.517	26.125	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/06/93-08/15/95	5	0.2	0.22	0.3	0.2	0.002	0.045	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	09/06/93-08/15/95	5	2.7	2.98	4.2	2.5	0.477	0.691	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/06/93-08/15/95	5	8.4	8.24	9.	7.4	0.453	0.673	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/15/95-08/15/95	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
46552	CALCIUM,FIELD ACIDIFIED W/HNO3 LAB FILTER(MG/L)	09/06/93-10/09/94	4	1.435	1.445	1.52	1.39	0.003	0.058	**	**	**	**
46554	MAGNESIUM,FIELD ACIDIFIED-HNO3-LAB FILT(MG/L-MG)	09/06/93-10/09/94	4	0.345	0.34	0.35	0.32	0.	0.014	**	**	**	**
46555	POTASSIUM,FIELD ACIDIFIED-HNO3-LAB FILT.(MG/L-K))	09/06/93-10/09/94	4	0.23	0.24	0.32	0.18	0.004	0.061	**	**	**	**
46556	SODIUM, FIELD ACIDIFIED W/HNO3, LAB FILTERED MG/L	09/06/93-10/09/94	4	1.595	1.63	1.8	1.53	0.015	0.123	**	**	**	**
50790	OXYGEN-18, (DELTA UNITS - PARTS PER THOUSAND)	07/20/94-10/09/94	3	-13.52	-13.637	-12.81	-14.58	0.793	0.891	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	08/15/95-08/15/95	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/06/93-08/15/95	5	0.2	0.178	0.3	0.09	0.007	0.086	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0305

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	5	0	0.00	5	0	0.00									
		Other-Lo Lim.	6.5	5	0	0.00	5	0	0.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	5	5	1.00	5	5	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	5	0	0.00	5	0	0.00									
		Drinking Water	250.	5	0	0.00	5	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	5	0	0.00	5	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	5	0	0.00	5	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0306

NPS Station ID: ROMO0306
LAT/LON: 40.290837/-105.725198
Agency: 11NPSWRD
Date Created: 06/12/99
Location: BENCH LAKE
FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): ROMO_JR_CAP43
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14010001
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 0
Water Body Id:
Minor Basin: UPPER COLORADO RIVER
ECO Region:
RF1 Index: 14010001
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MCHENRYS PEAK CO 7.5' SERIES (TOPO.) QUADRANGLE. THE SITE IS LOCATED AT BENCH LAKE AND IS WITHIN ROCKY MOUNTAIN NATIONAL PARK. THE DATA ARE FROM ANNUAL CAPSHELL SNAIL MONITORING PROGRAM REPORTS BY JOHN RIEBESELL OF THE DEPARTMENT OF NATURAL RESOURCES AT THE UNIVERSITY OF MICHIGAN IN DEARBORN MI. THE REPORTS SUMMARIZED POPULATION DATA AND WATER QUALITY CHARACTERISTICS OF THE HABITAT OF CAPSHELL SNAILS; A CANDIDATE FOR LISTING UNDER THE FEDERAL ENDANGERED SPECIES ACT. FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0306

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70975	TEMPERATURE, WATER,DAILY MINIMUM DEG C	08/08/96-08/08/96	1	13.4	13.4	13.4	13.4	0.	0.	**	**	**	**
70976	TEMPERATURE, WATER,DAILY MAXIMUM DEG C	08/08/96-08/08/96	1	15.4	15.4	15.4	15.4	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: ROMO0307

NPS Station ID: ROMO0307
LAT/LON: 40.291198/-105.658504
Agency: 11NPSWRD
Date Created: 08/28/99
Location: Icy Brook Inlet to The Loch
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_SM_GGTLI
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the McHenrys Peak CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0307

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	1	39.	39.	39.	39.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/31/81-07/31/81	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.316	0.316	0.316	0.316	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	1	6.51	6.51	6.51	6.51	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/31/81-07/31/81	1	6.51	6.51	6.51	6.51	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.309	0.309	0.309	0.309	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	1	40.	40.	40.	40.	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	1	0.27	0.27	0.27	0.27	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	1	2.1	2.1	2.1	2.1	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0307

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0308

NPS Station ID: ROMO0308
LAT/LON: 40.291226/-105.658477
Agency: 11NPSWRD
Date Created: 06/30/99
Location: INLET STREAM TO THE LOCH
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_JB_LOCHI
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MCHENRYS PEAK CO 7.5' (TOPOGRAPHICAL) SERIES QUADRANGLE. THE SITE IS AT THE INLET STREAM TO THE LOCH AND IS LOCATED IN ROCKY MOUNTAIN NATIONAL PARK. DATA WERE COLLECTED FOR THE LOCH VALE WATERSHED STUDY; A LONG TERM MONITORING STUDY FOR THE NATIONAL ATMOSPHERIC DEPOSITION PROGRAM/NATIONAL ACID PRECIPITATION ASSESSMENT PROGRAM (NADP/NAPAP). THE NADP/NAPAP MONITORS WATER QUALITY OF SENSITIVE ENVIRONMENTS FOR CHANGES DUE TO ACID PRECIPITATION. JILL BARON IS THE PROJECT CONTACT FOR THE STUDY AT THE NATURAL RESOURCES ECOLOGY LABORATORY AT COLORADO STATE UNIVERSITY IN FORT COLLINS CO 8052 (TEL. 970-491-1968). FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0308

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/02/82-10/07/97	111	4.	4.346	14.	0.	9.992	3.161	0.5	1.	6.1	8.86
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/11/82-10/07/97	130	13.	12.892	20.	6.	12.143	3.485	8.	10.	16.	17.9
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/07/82-10/07/97	126	13.	14.556	26.	1.	26.681	5.165	9.	10.	20.	22.
00403	PH, LAB, STANDARD UNITS SU	12/07/82-10/07/97	114	6.5	6.549	8.	5.7	0.169	0.411	6.	6.3	6.8	7.
00403	CONVERTED PH, LAB, STANDARD UNITS	12/07/82-10/07/97	114	6.5	6.373	8.	5.7	0.2	0.447	6.	6.3	6.8	7.
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/82-10/07/97	114	0.316	0.423	1.995	0.01	0.18	0.424	0.1	0.158	0.501	1.
00406	PH, FIELD, STANDARD UNITS SU	05/11/82-10/07/97	137	6.44	6.443	6.95	5.45	0.078	0.279	6.1	6.3	6.61	6.8
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/11/82-10/07/97	137	6.44	6.339	6.95	5.45	0.089	0.299	6.1	6.3	6.61	6.8
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/11/82-10/07/97	137	0.363	0.458	3.548	0.112	0.184	0.428	0.158	0.245	0.501	0.794
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	06/29/82-10/07/97	113	0.04	0.043	0.1	0.01	0.	0.021	0.03	0.03	0.05	0.08
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/11/82-09/29/92	54	0.007	0.008	0.033	0.003	0.	0.006	0.003	0.003	0.01	0.015
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	05/11/82-10/07/97	128	0.006	0.007	0.03	0.	0.	0.006	0.	0.003	0.009	0.02
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	04/04/83-10/07/97	61	1.	1.379	5.5	0.3	1.064	1.031	0.6	0.75	1.7	2.8
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/11/82-10/07/97	138	1.4	1.39	2.2	0.1	0.176	0.419	0.9	1.	1.7	2.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/11/82-10/07/97	138	0.2	0.215	0.4	0.01	0.007	0.086	0.1	0.2	0.3	0.3
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/11/82-10/07/97	138	0.485	0.531	1.2	0.2	0.048	0.22	0.319	0.4	0.6	0.9
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/11/82-10/07/97	138	0.15	0.203	0.59	0.01	0.011	0.104	0.11	0.13	0.293	0.35
00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/11/82-10/07/97	138	0.1	0.201	7.	0.003	0.374	0.611	0.06	0.1	0.2	0.2
00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/11/82-10/07/97	137	1.7	1.756	3.1	0.01	0.309	0.556	1.1	1.3	2.25	2.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: ROMO0308

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/07/82-06/04/96	114	0.08	0.076	0.16	0.	0.001	0.024	0.06	0.06	0.09	0.1
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/21/82-10/07/97	123	2.	2.324	4.6	0.1	1.176	1.084	1.3	1.5	3.3	4.3
01046	IRON, DISSOLVED (UG/L AS FE)	12/07/82-09/29/92	95	26.	35.368	97.	3.	801.278	28.307	6.6	12.	62.	81.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	12/07/82-09/29/92	110	2.	2.281	9.	0.5	2.816	1.678	1.	1.	3.	4.9
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/01/82-09/27/93	57	20.	26.002	70.	0.05	298.282	17.271	8.8	13.	38.5	52.
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	04/04/83-10/07/97	127	0.03	0.044	0.18	0.	0.001	0.039	0.001	0.008	0.08	0.1
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/11/82-10/07/97	136	1.2	1.236	2.3	0.04	0.15	0.387	0.7	0.9	1.575	1.7

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0308

				Total	Exceed	Prop.	----------6/10-10/31----------			----------11/01-4/10----------			----------4/11-6/09----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00403	PH, LAB	Fresh Chronic	9.	114	0	0.00	70	0	0.00	2	0	0.00	42	0	0.00			
		Other-Lo Lim.	6.5	114	58	0.51	70	30	0.43	2	1	0.50	42	27	0.64			
00406	PH, FIELD	Fresh Chronic	9.	137	0	0.00	88	0	0.00	2	0	0.00	47	0	0.00			
		Other-Lo Lim.	6.5	137	83	0.61	88	46	0.52	2	1	0.50	47	36	0.77			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	54	0	0.00	48	0	0.00				6	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	138	0	0.00	89	0	0.00	2	0	0.00	47	0	0.00			
		Drinking Water	250.	138	0	0.00	89	0	0.00	2	0	0.00	47	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	137	0	0.00	88	0	0.00	2	0	0.00	47	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	114	0	0.00	68	0	0.00	2	0	0.00	44	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	136	0	0.00	87	0	0.00	2	0	0.00	47	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1982 - Station ROMO0308

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/11/82-10/07/97	10	12.5	13.	18.	9.	10.889	3.3	9.1	10.	16.25	17.9
00406	PH, FIELD, STANDARD UNITS SU	05/11/82-10/07/97	10	6.385	6.228	6.64	5.45	0.166	0.407	5.481	5.835	6.553	6.638
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/11/82-10/07/97	10	6.384	6.033	6.64	5.45	0.208	0.456	5.481	5.835	6.552	6.638
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/11/82-10/07/97	10	0.413	0.926	3.548	0.229	1.116	1.056	0.23	0.281	1.47	3.367
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	05/11/82-10/07/97	10	0.004	0.006	0.02	0.003	0.	0.005	0.003	0.003	0.005	0.019
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/11/82-10/07/97	10	1.1	1.08	1.6	0.7	0.117	0.343	0.7	0.7	1.35	1.59
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/11/82-10/07/97	10	0.2	0.2	0.4	0.1	0.011	0.105	0.1	0.1	0.3	0.39
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/11/82-10/07/97	10	0.415	0.456	0.8	0.29	0.024	0.154	0.294	0.345	0.543	0.781
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/11/82-10/07/97	10	0.13	0.145	0.24	0.08	0.003	0.052	0.082	0.108	0.19	0.238
00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/11/82-10/07/97	10	0.2	1.043	7.	0.03	4.714	2.171	0.037	0.175	0.725	6.5
00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/11/82-10/07/97	10	1.65	1.75	2.6	1.3	0.221	0.47	1.3	1.375	2.05	2.59
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/11/82-10/07/97	10	0.95	1.17	1.9	0.9	0.136	0.368	0.9	0.9	1.525	1.87

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station ROMO0308

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/11/82-10/07/97	54	16.	14.63	20.	8.	12.917	3.594	8.5	12.	17.	19.
00406	PH, FIELD, STANDARD UNITS SU	05/11/82-10/07/97	55	6.47	6.429	6.95	5.7	0.077	0.277	6.1	6.2	6.6	6.8
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/11/82-10/07/97	55	6.47	6.337	6.95	5.7	0.086	0.292	6.1	6.2	6.6	6.8
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/11/82-10/07/97	55	0.339	0.46	1.995	0.112	0.125	0.353	0.158	0.251	0.631	0.794
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	05/11/82-10/07/97	54	0.006	0.009	0.03	0.006	0.	0.005	0.006	0.006	0.01	0.02
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/11/82-10/07/97	55	1.9	1.676	2.2	0.9	0.185	0.43	0.96	1.2	2.	2.1
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/11/82-10/07/97	55	0.3	0.266	0.4	0.06	0.007	0.085	0.1	0.2	0.3	0.4
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/11/82-10/07/97	55	0.7	0.687	1.2	0.3	0.067	0.259	0.4	0.4	0.9	1.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/11/82-10/07/97	55	0.31	0.287	0.59	0.1	0.011	0.107	0.13	0.22	0.34	0.41
00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/11/82-10/07/97	55	0.1	0.142	0.6	0.003	0.011	0.103	0.026	0.09	0.2	0.2
00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/11/82-10/07/97	55	2.3	2.131	3.1	1.	0.289	0.538	1.3	1.6	2.5	2.74
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/11/82-10/07/97	55	1.4	1.302	2.3	0.6	0.133	0.365	0.8	1.	1.6	1.7

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station ROMO0308

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/11/82-10/07/97	13	12.	11.923	16.	9.	4.41	2.1	9.4	10.	13.5	15.2
00406	PH, FIELD, STANDARD UNITS SU	05/11/82-10/07/97	13	6.6	6.423	6.8	5.8	0.079	0.28	5.88	6.3	6.6	6.72
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/11/82-10/07/97	13	6.6	6.325	6.8	5.8	0.089	0.298	5.88	6.3	6.6	6.72
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/11/82-10/07/97	13	0.251	0.473	1.585	0.158	0.16	0.4	0.196	0.251	0.501	1.351
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	05/11/82-10/07/97	12	0.008	0.011	0.03	0.	0.	0.01	0.001	0.003	0.02	0.027
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/11/82-10/07/97	13	1.4	1.254	1.6	0.9	0.061	0.247	0.9	1.	1.45	1.56
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/11/82-10/07/97	13	0.2	0.185	0.3	0.1	0.005	0.069	0.1	0.1	0.2	0.3
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/11/82-10/07/97	13	0.4	0.423	0.5	0.3	0.004	0.06	0.34	0.4	0.5	0.5
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/11/82-10/07/97	13	0.16	0.181	0.36	0.11	0.005	0.07	0.114	0.13	0.22	0.316
00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/11/82-10/07/97	13	0.2	0.191	0.7	0.04	0.027	0.165	0.048	0.09	0.2	0.5
00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/11/82-10/07/97	12	1.7	1.542	2.1	1.	0.155	0.394	1.	1.125	1.875	2.04
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/11/82-10/07/97	11	1.6	1.464	2.	0.8	0.201	0.448	0.8	1.	1.9	1.98

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station ROMO0308

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/11/82-10/07/97	9	11.	10.333	13.	6.	5.75	2.398	6.	8.5	12.	13.
00406	PH, FIELD, STANDARD UNITS SU	05/11/82-10/07/97	9	6.4	6.4	6.6	6.2	0.012	0.112	6.2	6.35	6.45	6.6
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/11/82-10/07/97	9	6.4	6.387	6.6	6.2	0.013	0.113	6.2	6.35	6.45	6.6
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/11/82-10/07/97	9	0.398	0.41	0.631	0.251	0.011	0.107	0.251	0.357	0.45	0.631
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	05/11/82-10/07/97	9	0.003	0.004	0.01	0.003	0.	0.002	0.003	0.003	0.006	0.01
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/11/82-10/07/97	9	1.2	1.156	1.5	0.9	0.048	0.219	0.9	0.95	1.35	1.5
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/11/82-10/07/97	9	0.2	0.156	0.2	0.1	0.003	0.053	0.1	0.1	0.2	0.2
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/11/82-10/07/97	9	0.37	0.38	0.45	0.3	0.003	0.057	0.3	0.325	0.44	0.45
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/11/82-10/07/97	9	0.11	0.122	0.17	0.08	0.001	0.028	0.08	0.105	0.145	0.17
00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/11/82-10/07/97	9	0.1	0.092	0.1	0.07	0.	0.013	0.07	0.08	0.1	0.1
00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/11/82-10/07/97	9	1.4	1.311	1.7	0.9	0.076	0.276	0.9	1.05	1.55	1.7
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/11/82-10/07/97	9	1.3	1.1	1.5	0.6	0.095	0.308	0.6	0.8	1.3	1.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station ROMO0308

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/11/82-10/07/97	6	12.	12.167	16.	7.	13.767	3.71	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	05/11/82-10/07/97	6	6.35	6.2	6.4	5.8	0.076	0.276	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/11/82-10/07/97	6	6.347	6.121	6.4	5.8	0.083	0.289	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/11/82-10/07/97	6	0.45	0.757	1.585	0.398	0.278	0.527	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	05/11/82-10/07/97	6	0.003	0.006	0.02	0.003	0.	0.007	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/11/82-10/07/97	6	1.3	1.3	1.7	0.7	0.16	0.4	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/11/82-10/07/97	6	0.25	0.25	0.4	0.1	0.011	0.105	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/11/82-10/07/97	6	0.4	0.4	0.5	0.3	0.008	0.089	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/11/82-10/07/97	6	0.205	0.192	0.27	0.08	0.005	0.07	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/11/82-10/07/97	6	0.1	0.127	0.2	0.06	0.003	0.059	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/11/82-10/07/97	6	1.5	1.533	2.	0.9	0.195	0.441	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/11/82-10/07/97	6	1.15	1.1	1.6	0.5	0.128	0.358	**	**	**	**

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Annual Analysis for 1987 - Station ROMO0308

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/11/82-10/07/97	5	10.	10.2	12.	8.	3.2	1.789	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	05/11/82-10/07/97	5	6.49	6.514	6.64	6.36	0.013	0.113	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/11/82-10/07/97	5	6.49	6.502	6.64	6.36	0.013	0.114	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/11/82-10/07/97	5	0.324	0.315	0.437	0.229	0.007	0.083	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	05/11/82-10/07/97	5	0.003	0.006	0.02	0.003	0.	0.008	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/11/82-10/07/97	5	1.1	1.1	1.3	0.9	0.04	0.2	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/11/82-10/07/97	5	0.2	0.18	0.2	0.1	0.002	0.045	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/11/82-10/07/97	5	0.36	0.386	0.5	0.3	0.006	0.075	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/11/82-10/07/97	5	0.15	0.158	0.21	0.13	0.001	0.033	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/11/82-10/07/97	5	0.1	0.116	0.2	0.08	0.002	0.048	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/11/82-10/07/97	5	1.3	1.34	1.7	1.	0.093	0.305	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/11/82-10/07/97	5	1.2	1.08	1.4	0.7	0.097	0.311	**	**	**	**

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Annual Analysis for 1988 - Station ROMO0308

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/11/82-10/07/97	5	10.	11.	17.	6.	20.	4.472	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	05/11/82-10/07/97	4	6.37	6.38	6.61	6.17	0.039	0.198	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/11/82-10/07/97	4	6.359	6.347	6.61	6.17	0.04	0.201	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/11/82-10/07/97	4	0.438	0.449	0.676	0.245	0.038	0.194	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	05/11/82-10/07/97	5	0.003	0.005	0.009	0.003	0.	0.003	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/11/82-10/07/97	5	1.1	1.12	1.4	0.9	0.052	0.228	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/11/82-10/07/97	5	0.2	0.16	0.2	0.1	0.003	0.055	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/11/82-10/07/97	5	0.35	0.406	0.51	0.33	0.008	0.091	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/11/82-10/07/97	5	0.13	0.118	0.14	0.09	0.001	0.026	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/11/82-10/07/97	5	0.1	0.084	0.1	0.06	0.	0.022	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/11/82-10/07/97	5	1.4	1.4	1.7	1.1	0.09	0.3	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/11/82-10/07/97	5	1.	0.98	1.2	0.7	0.052	0.228	**	**	**	**

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Annual Analysis for 1989 - Station ROMO0308

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/11/82-10/07/97	2	13.5	13.5	14.	13.	0.5	0.707	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	05/11/82-10/07/97	2	6.415	6.415	6.43	6.4	0.	0.021	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/11/82-10/07/97	2	6.415	6.415	6.43	6.4	0.	0.021	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/11/82-10/07/97	2	0.385	0.385	0.398	0.372	0.	0.019	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	05/11/82-10/07/97	1	0.009	0.009	0.009	0.009	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/11/82-10/07/97	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/11/82-10/07/97	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/11/82-10/07/97	1	0.61	0.61	0.61	0.61	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/11/82-10/07/97	1	0.14	0.14	0.14	0.14	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/11/82-10/07/97	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/11/82-10/07/97	1	1.9	1.9	1.9	1.9	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/11/82-10/07/97	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station ROMO0308

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/11/82-10/07/97	4	12.5	11.75	13.	9.	3.583	1.893	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	05/11/82-10/07/97	5	6.38	6.408	6.7	6.27	0.031	0.176	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/11/82-10/07/97	5	6.38	6.383	6.7	6.27	0.032	0.178	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/11/82-10/07/97	5	0.417	0.414	0.537	0.2	0.019	0.139	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	05/11/82-10/07/97	4	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/11/82-10/07/97	4	1.3	1.25	1.5	0.9	0.063	0.252	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/11/82-10/07/97	4	0.2	0.175	0.2	0.1	0.003	0.05	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/11/82-10/07/97	4	0.45	0.45	0.6	0.3	0.017	0.129	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/11/82-10/07/97	4	0.115	0.12	0.15	0.1	0.	0.022	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/11/82-10/07/97	4	0.1	0.12	0.2	0.08	0.003	0.054	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/11/82-10/07/97	4	1.55	1.65	2.2	1.3	0.15	0.387	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/11/82-10/07/97	4	1.25	1.325	1.8	1.	0.116	0.34	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station ROMO0308

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/11/82-10/07/97	2	10.5	10.5	12.	9.	4.5	2.121	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	05/11/82-10/07/97	5	6.69	6.694	6.86	6.56	0.012	0.107	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/11/82-10/07/97	5	6.69	6.684	6.86	6.56	0.012	0.108	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/11/82-10/07/97	5	0.204	0.207	0.275	0.138	0.002	0.049	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	05/11/82-10/07/97	5	0.003	0.004	0.006	0.003	0.	0.001	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/11/82-10/07/97	6	1.4	1.35	1.5	1.	0.035	0.187	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/11/82-10/07/97	6	0.2	0.183	0.2	0.1	0.002	0.041	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/11/82-10/07/97	6	0.5	0.487	0.6	0.4	0.006	0.077	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/11/82-10/07/97	6	0.145	0.142	0.16	0.12	0.	0.015	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/11/82-10/07/97	6	0.1	0.11	0.2	0.08	0.002	0.045	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/11/82-10/07/97	6	1.65	1.617	2.	1.2	0.102	0.319	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/11/82-10/07/97	6	1.6	1.433	1.9	0.7	0.263	0.513	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station ROMO0308

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/11/82-10/07/97	4	11.5	12.75	17.	11.	8.25	2.872	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	05/11/82-10/07/97	4	6.845	6.798	6.89	6.61	0.016	0.127	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/11/82-10/07/97	4	6.845	6.782	6.89	6.61	0.017	0.129	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/11/82-10/07/97	4	0.143	0.165	0.245	0.129	0.003	0.054	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	05/11/82-10/07/97	5	0.003	0.005	0.009	0.003	0.	0.003	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/11/82-10/07/97	5	1.1	1.02	1.5	0.1	0.292	0.54	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/11/82-10/07/97	5	0.1	0.122	0.2	0.01	0.006	0.08	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/11/82-10/07/97	5	0.4	0.36	0.5	0.2	0.013	0.114	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/11/82-10/07/97	5	0.12	0.106	0.15	0.01	0.003	0.056	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/11/82-10/07/97	5	0.07	0.068	0.1	0.01	0.001	0.037	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/11/82-10/07/97	5	1.4	1.302	2.1	0.01	0.604	0.777	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/11/82-10/07/97	5	0.9	0.908	1.6	0.04	0.332	0.576	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station ROMO0308

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/11/82-10/07/97	3	16.	13.667	16.	9.	16.333	4.041	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	05/11/82-10/07/97	6	6.715	6.707	6.78	6.6	0.005	0.071	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/11/82-10/07/97	6	6.713	6.702	6.78	6.6	0.005	0.071	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/11/82-10/07/97	6	0.194	0.199	0.251	0.166	0.001	0.033	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	05/11/82-10/07/97	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/11/82-10/07/97	6	1.4	1.333	1.6	1.	0.043	0.207	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/11/82-10/07/97	6	0.2	0.183	0.2	0.1	0.002	0.041	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/11/82-10/07/97	6	0.49	0.48	0.57	0.37	0.005	0.071	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/11/82-10/07/97	6	0.14	0.14	0.15	0.12	0.	0.011	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/11/82-10/07/97	6	0.1	0.117	0.2	0.1	0.002	0.041	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/11/82-10/07/97	6	1.8	1.833	2.1	1.6	0.027	0.163	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/11/82-10/07/97	6	1.4	1.267	1.4	0.6	0.107	0.327	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station ROMO0308

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/11/82-10/07/97	4	12.	11.75	14.	9.	6.917	2.63	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	05/11/82-10/07/97	4	6.575	6.583	6.91	6.27	0.086	0.294	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/11/82-10/07/97	4	6.544	6.512	6.91	6.27	0.093	0.305	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/11/82-10/07/97	4	0.286	0.308	0.537	0.123	0.036	0.191	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	05/11/82-10/07/97	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/11/82-10/07/97	4	1.25	1.25	1.5	1.	0.057	0.238	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/11/82-10/07/97	4	0.2	0.175	0.2	0.1	0.003	0.05	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/11/82-10/07/97	4	0.49	0.495	0.52	0.48	0.	0.017	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/11/82-10/07/97	4	0.18	0.178	0.2	0.15	0.001	0.026	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/11/82-10/07/97	4	0.1	0.15	0.3	0.1	0.01	0.1	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/11/82-10/07/97	4	1.4	1.4	1.7	1.1	0.067	0.258	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/11/82-10/07/97	4	1.15	1.175	1.5	0.9	0.103	0.32	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1995 - Station ROMO0308

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/11/82-10/07/97	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	05/11/82-10/07/97	1	6.75	6.75	6.75	6.75	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/11/82-10/07/97	1	6.75	6.75	6.75	6.75	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/11/82-10/07/97	1	0.178	0.178	0.178	0.178	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	05/11/82-10/07/97	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/11/82-10/07/97	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/11/82-10/07/97	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/11/82-10/07/97	1	0.36	0.36	0.36	0.36	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/11/82-10/07/97	1	0.14	0.14	0.14	0.14	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/11/82-10/07/97	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/11/82-10/07/97	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/11/82-10/07/97	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**

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Annual Analysis for 1996 - Station ROMO0308

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/11/82-10/07/97	4	11.	11.25	15.	8.	8.917	2.986	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	05/11/82-10/07/97	4	6.31	6.283	6.41	6.1	0.018	0.133	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/11/82-10/07/97	4	6.309	6.267	6.41	6.1	0.018	0.134	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/11/82-10/07/97	4	0.491	0.541	0.794	0.389	0.032	0.178	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	05/11/82-10/07/97	4 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/11/82-10/07/97	4	1.25	1.25	1.5	1.	0.043	0.208	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/11/82-10/07/97	4	0.2	0.225	0.3	0.2	0.002	0.05	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/11/82-10/07/97	4	0.415	0.41	0.5	0.31	0.009	0.094	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/11/82-10/07/97	4	0.15	0.145	0.2	0.08	0.003	0.055	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/11/82-10/07/97	4	0.15	0.14	0.2	0.06	0.005	0.071	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/11/82-10/07/97	4	1.25	1.3	1.6	1.1	0.06	0.245	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/11/82-10/07/97	4	1.15	1.1	1.4	0.7	0.087	0.294	**	**	**	**

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Annual Analysis for 1997 - Station ROMO0308

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/11/82-10/07/97	4	10.5	10.5	14.	7.	9.667	3.109	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	05/11/82-10/07/97	4	6.62	6.618	6.92	6.31	0.1	0.317	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/11/82-10/07/97	4	6.557	6.536	6.92	6.31	0.109	0.331	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/11/82-10/07/97	4	0.277	0.291	0.49	0.12	0.036	0.19	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	05/11/82-10/07/97	4 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/11/82-10/07/97	4	1.05	1.1	1.5	0.8	0.1	0.316	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/11/82-10/07/97	4	0.15	0.15	0.2	0.1	0.003	0.058	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/11/82-10/07/97	4	0.4	0.423	0.58	0.31	0.014	0.118	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/11/82-10/07/97	4	0.12	0.12	0.16	0.08	0.001	0.034	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/11/82-10/07/97	4	0.15	0.168	0.3	0.07	0.011	0.104	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/11/82-10/07/97	4	1.25	1.3	1.8	0.9	0.153	0.392	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/11/82-10/07/97	4	1.1	1.125	1.6	0.7	0.196	0.443	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 6/10 to 10/31 - Station ROMO0308

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/02/82-10/07/97	69	6.	5.832	14.	0.	7.902	2.811	2.	4.	7.5	9.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/11/82-10/07/97	81	10.	10.951	18.	6.	6.898	2.626	8.	9.	13.	14.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/07/82-10/07/97	79	11.	11.342	18.	1.	7.51	2.74	8.	10.	13.	15.
00403	PH, LAB, STANDARD UNITS SU	12/07/82-10/07/97	70	6.6	6.636	8.	5.7	0.18	0.424	6.11	6.4	6.8	7.19
00403	CONVERTED PH, LAB, STANDARD UNITS	12/07/82-10/07/97	70	6.6	6.455	8.	5.7	0.213	0.462	6.11	6.4	6.8	7.19
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/82-10/07/97	70	0.251	0.351	1.995	0.01	0.138	0.372	0.065	0.158	0.398	0.778
00406	PH, FIELD, STANDARD UNITS SU	05/11/82-10/07/97	88	6.5	6.509	6.92	5.45	0.055	0.235	6.27	6.4	6.663	6.803
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/11/82-10/07/97	88	6.5	6.426	6.92	5.45	0.062	0.249	6.27	6.4	6.662	6.803
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/11/82-10/07/97	88	0.316	0.375	3.548	0.12	0.15	0.387	0.157	0.218	0.398	0.537
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	06/29/82-10/07/97	79	0.03	0.035	0.07	0.01	0.	0.011	0.03	0.03	0.04	0.05
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/11/82-09/29/92	48	0.007	0.008	0.033	0.003	0.	0.006	0.003	0.003	0.01	0.013
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	05/11/82-10/07/97	81	0.003	0.006	0.03	0.	0.	0.006	0.	0.003	0.006	0.02
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	04/04/83-10/07/97	44	1.	1.111	5.5	0.3	0.72	0.849	0.45	0.625	1.2	1.95
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/11/82-10/07/97	89	1.1	1.152	1.6	0.1	0.073	0.27	0.9	0.95	1.4	1.5
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/11/82-10/07/97	89	0.2	0.172	0.4	0.01	0.005	0.068	0.1	0.1	0.2	0.2
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/11/82-10/07/97	89	0.4	0.414	0.61	0.2	0.007	0.083	0.3	0.36	0.5	0.51
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/11/82-10/07/97	89	0.14	0.142	0.31	0.01	0.002	0.048	0.1	0.12	0.15	0.2
00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/11/82-10/07/97	89	0.1	0.213	7.	0.003	0.577	0.76	0.04	0.07	0.1	0.2
00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/11/82-10/07/97	88	1.4	1.444	2.2	0.01	0.132	0.363	1.	1.2	1.7	1.9
00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/07/82-06/04/96	68	0.08	0.077	0.16	0.	0.001	0.023	0.06	0.06	0.09	0.1
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/21/82-10/07/97	77	1.6	1.692	2.9	0.1	0.216	0.465	1.3	1.4	2.	2.4
01046	IRON, DISSOLVED (UG/L AS FE)	12/07/82-09/29/92	63	14.	20.	62.	3.	208.742	14.448	5.4	9.	28.	44.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	12/07/82-09/29/92	65	1.	1.805	8.9	0.5	2.212	1.487	1.	1.	2.	4.
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/01/82-09/27/93	53	20.	23.512	70.	0.05	227.223	15.074	8.4	12.5	31.5	44.8
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	04/04/83-10/07/97	82	0.02	0.031	0.12	0.	0.001	0.033	0.001	0.005	0.05	0.08
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/11/82-10/07/97	87	1.	1.121	1.9	0.04	0.143	0.378	0.7	0.8	1.4	1.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 4/10 - Station ROMO0308

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/02/82-10/07/97	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/11/82-10/07/97	2	14.	14.	16.	12.	8.	2.828	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/07/82-10/07/97	2	19.5	19.5	21.	18.	4.5	2.121	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	12/07/82-10/07/97	2	6.55	6.55	6.8	6.3	0.125	0.354	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	12/07/82-10/07/97	2	6.482	6.482	6.8	6.3	0.134	0.367	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/82-10/07/97	2	0.33	0.33	0.501	0.158	0.059	0.242	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	05/11/82-10/07/97	2	6.52	6.52	6.87	6.17	0.245	0.495	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/11/82-10/07/97	2	6.392	6.392	6.87	6.17	0.278	0.527	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/11/82-10/07/97	2	0.405	0.405	0.676	0.135	0.146	0.383	**	**	**	**
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	06/29/82-10/07/97	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	05/11/82-10/07/97	2	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	04/04/83-10/07/97	8	0.95	1.2	2.8	0.8	0.434	0.659	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/11/82-10/07/97	2	1.75	1.75	1.9	1.6	0.045	0.212	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/11/82-10/07/97	2	0.35	0.35	0.4	0.3	0.005	0.071	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/11/82-10/07/97	2	0.9	0.9	1.	0.8	0.02	0.141	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/11/82-10/07/97	2	0.2	0.2	0.22	0.18	0.001	0.028	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/11/82-10/07/97	2 ##	0.06	0.06	0.09	0.03	0.002	0.042	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/11/82-10/07/97	2	1.85	1.85	2.1	1.6	0.125	0.354	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/07/82-06/04/96	2	0.08	0.08	0.15	0.01	0.01	0.099	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/21/82-10/07/97	2	3.8	3.8	4.3	3.3	0.5	0.707	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	12/07/82-09/29/92	2	54.	54.	75.	33.	882.	29.698	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	12/07/82-09/29/92	2	2.	2.	3.	1.	2.	1.414	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	04/04/83-10/07/97	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/11/82-10/07/97	2	1.3	1.3	1.6	1.	0.18	0.424	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/11 to 6/09 - Station ROMO0308

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/02/82-10/07/97	41	1.	1.902	7.5	0.	3.978	1.994	0.	0.5	3.	5.6
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/11/82-10/07/97	47	17.	16.191	20.	12.	4.071	2.018	13.8	14.	18.	19.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/07/82-10/07/97	45	21.	19.978	26.	11.	12.659	3.558	14.	18.	22.	23.
00403	PH, LAB, STANDARD UNITS SU	12/07/82-10/07/97	42	6.4	6.405	6.9	5.7	0.125	0.354	5.9	6.2	6.7	6.9
00403	CONVERTED PH, LAB, STANDARD UNITS	12/07/82-10/07/97	42	6.4	6.261	6.9	5.7	0.146	0.383	5.9	6.2	6.7	6.9
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/82-10/07/97	42	0.398	0.548	1.995	0.126	0.235	0.485	0.126	0.2	0.631	1.259
00406	PH, FIELD, STANDARD UNITS SU	05/11/82-10/07/97	47	6.3	6.317	6.95	5.7	0.096	0.31	5.8	6.1	6.5	6.714
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/11/82-10/07/97	47	6.3	6.209	6.95	5.7	0.108	0.329	5.8	6.1	6.5	6.714
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/11/82-10/07/97	47	0.501	0.618	1.995	0.112	0.216	0.465	0.193	0.316	0.794	1.585
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	06/29/82-10/07/97	33	0.06	0.062	0.1	0.03	0.001	0.025	0.03	0.04	0.08	0.096
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/11/82-09/29/92	6	0.005	0.008	0.023	0.003	0.	0.008	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	05/11/82-10/07/97	45	0.006	0.008	0.03	0.	0.	0.005	0.003	0.006	0.01	0.01
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	04/04/83-10/07/97	9	2.6	2.844	4.9	1.6	0.885	0.941	1.6	2.35	3.2	4.9
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/11/82-10/07/97	47	1.9	1.826	2.2	1.1	0.074	0.271	1.4	1.7	2.	2.1
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/11/82-10/07/97	47	0.3	0.291	0.4	0.2	0.003	0.054	0.2	0.3	0.3	0.4
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/11/82-10/07/97	47	0.8	0.737	1.2	0.4	0.054	0.233	0.442	0.5	0.9	1.02
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/11/82-10/07/97	47	0.31	0.318	0.59	0.17	0.007	0.084	0.21	0.26	0.35	0.41
00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/11/82-10/07/97	47	0.2	0.185	0.6	0.09	0.008	0.089	0.1	0.1	0.2	0.22
00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/11/82-10/07/97	47	2.4	2.334	3.1	1.5	0.134	0.366	1.7	2.1	2.6	2.8
00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/07/82-06/04/96	44	0.07	0.075	0.14	0.02	0.	0.019	0.06	0.06	0.09	0.1
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/21/82-10/07/97	44	3.75	3.361	4.6	1.6	1.024	1.012	1.85	2.225	4.3	4.5
01046	IRON, DISSOLVED (UG/L AS FE)	12/07/82-09/29/92	30	77.	66.4	97.	3.	587.352	24.235	24.2	51.75	83.5	88.7
01056	MANGANESE, DISSOLVED (UG/L AS MN)	12/07/82-09/29/92	43	3.	3.014	9.	1.	2.984	1.727	1.	2.	4.	5.6
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/01/82-09/27/93	4	60.	59.	68.	48.	68.	8.246	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	04/04/83-10/07/97	44	0.07	0.067	0.18	0.004	0.001	0.038	0.02	0.03	0.09	0.11
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/11/82-10/07/97	47	1.4	1.447	2.3	0.8	0.098	0.313	1.	1.2	1.6	1.82

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: ROMO0309

NPS Station ID: ROMO0309
LAT/LON: 40.291670/-105.642503
Agency: 112WRD
Date Created: 01/07/89
Location: MILLS LAKE
FIPS State/County: 08013 COLORADO/BOULDER
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 401730105383300
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC:
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 10190005002200.59
RF3 Mile Point: 3.91
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0309

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/27/87-10/27/87	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/27/87-10/27/87	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	10/27/87-10/27/87	2	3.	3.	3.	3.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/27/87-10/27/87	2	11.	11.	11.	11.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/27/87-10/27/87	1	8.8	8.8	8.8	8.8	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/27/87-10/27/87	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/27/87-10/27/87	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/27/87-10/27/87	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	10/27/87-10/27/87	2	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/27/87-10/27/87	2	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/27/87-10/27/87	2	0.032	0.032	0.032	0.032	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/27/87-10/27/87	2	0.13	0.13	0.13	0.13	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/27/87-10/27/87	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/27/87-10/27/87	2	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/27/87-10/27/87	2	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/27/87-10/27/87	2	0.57	0.57	0.57	0.57	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/27/87-10/27/87	2	0.12	0.12	0.12	0.12	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/27/87-10/27/87	2	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/27/87-10/27/87	2	1.	1.	1.	1.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/27/87-10/27/87	2	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/27/87-10/27/87	2	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	10/27/87-10/27/87	2	37.	37.	37.	37.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/27/87-10/27/87	2	2.	2.	2.	2.	0.	0.	**	**	**	**
71870	BROMIDE (MG/L AS BR)	10/27/87-10/27/87	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0309

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00	1	0	0.00									
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00403	PH, LAB	Fresh Chronic	9.	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	0	0.00	2	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: ROMO0309

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	2	0	0.00	2	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00	2	0	0.00									
		Drinking Water	250.	2	0	0.00	2	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	2	0	0.00	2	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	2	0	0.00	2	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0310

NPS Station ID: ROMO0310
LAT/LON: 40.291726/-105.642727
Agency: 11NPSWRD
Date Created: 08/28/99
Location: Glacier Creek Mills Lake Outlet
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_SM_GGMLO
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the McHenrys Peak CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0310

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	1	26.	26.	26.	26.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/31/81-07/31/81	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.158	0.158	0.158	0.158	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	1	6.61	6.61	6.61	6.61	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/31/81-07/31/81	1	6.61	6.61	6.61	6.61	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.245	0.245	0.245	0.245	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	1	45.	45.	45.	45.	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	1	2.6	2.6	2.6	2.6	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0310

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0311

NPS Station ID: ROMO0311
LAT/LON: 40.292281/-105.656670
Agency: 11NPSWRD
Date Created: 08/28/99
Location: The Loch at the Surface
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): ROMO_SM_GGTLS
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the McHenrys Peak CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0311

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	1	37.	37.	37.	37.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/31/81-07/31/81	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	1	6.81	6.81	6.81	6.81	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/31/81-07/31/81	1	6.81	6.81	6.81	6.81	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.155	0.155	0.155	0.155	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	1	43.	43.	43.	43.	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	1	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	1	0.12	0.12	0.12	0.12	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	1	2.2	2.2	2.2	2.2	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0311

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0312

NPS Station ID: ROMO0312 LAT/LON: 40.292309/-105.656503 Agency: 11NPSWRD Date Created: 06/12/99
Location: THE LOCH NEAR THE ROCKY POINT ALONG NORTH SHORE FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): ROMO_JR_CAP17
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI RIVER Elevation: 0 Water Body Id:
Minor Basin: SOUTH PLATTE RIVER ECO Region:
RF1 Index: 10190006 RF1 Mile Point: 0.000 Distance from RF1: 12.40 On/Off RF1:
RF3 Index: 10190007002218.40 RF3 Mile Point: 18.39 Distance from RF3: 0.57 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MCHENRYS PEAK CO 7.5' SERIES (TOPO.) QUADRANGLE. THE SITE IS LOCATED AT THE LOCH NEAR THE ROCKY POINT AT THE SOUTH END OF THE BAY ALONG THE NORTH SHORE AND IS LOCATED WITHIN ROCKY MOUNTAIN NATIONAL PARK. THE DATA ARE FROM ANNUAL CAPSHELL SNAIL MONITORING PROGRAM REPORTS BY JOHN RIEBESELL OF THE DEPARTMENT OF NATURAL RESOURCES AT THE UNIVERSITY OF MICHIGAN IN DEARBORN MI. THE REPORTS SUMMARIZED POPULATION DATA AND WATER QUALITY CHARACTERISTICS OF THE HABITAT OF CAPSHELL SNAILS; A CANDIDATE FOR LISTING UNDER THE FEDERAL ENDANGERED SPECIES ACT. FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517(TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525(TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0312

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/11/97-07/11/97	1	10.	10.	10.	10.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: ROMO0313

NPS Station ID: ROMO0313
LAT/LON: 40.292309/-105.656531
Agency: 11NPSWRD
Date Created: 06/30/99
Location: MIDDLE OF THE LOCH AT MID-DEPTH
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): ROMO_JB_LOCHLM
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MCHENRYS PEAK CO 7.5' (TOPOGRAPHICAL) SERIES QUADRANGLE. THE SITE IS AT THE MIDDLE OF THE LOCH AT MID-DEPTH AND IS LOCATED IN ROCKY MOUNTAIN NATIONAL PARK. DATA WERE COLLECTED FOR THE LOCH VALE WATERSHED STUDY; A LONG TERM MONITORING STUDY FOR THE NATIONAL ATMOSPHERIC DEPOSITION PROGRAM/NATIONAL ACID PRECIPITATION ASSESSMENT PROGRAM (NADP/NAPAP). THE NADP/NAPAP MONITORS WATER QUALITY OF SENSITIVE ENVIRONMENTS FOR CHANGES DUE TO ACID PRECIPITATION. JILL BARON IS THE PROJECT CONTACT FOR THE STUDY AT THE NATURAL RESOURCES ECOLOGY LABORATORY AT COLORADO STATE UNIVERSITY IN FORT COLLINS CO 80525 (TEL. 970-491-1968). FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0313

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/02/82-11/13/88	70	4.25	5.541	14.	0.5	8.446	2.906	3.	4.	7.425	9.9
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/02/82-11/13/88	76	14.	15.474	120.	5.	166.359	12.898	9.	10.	18.	20.3
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/04/83-11/13/88	26	17.	17.923	27.	11.	20.874	4.569	12.7	14.	21.25	24.3
00403	PH, LAB, STANDARD UNITS SU	04/04/83-11/13/88	26	6.5	6.55	7.4	6.	0.182	0.426	6.07	6.175	6.825	7.33
00403	CONVERTED PH, LAB, STANDARD UNITS	04/04/83-11/13/88	26	6.5	6.39	7.4	6.	0.208	0.457	6.07	6.175	6.825	7.33
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/04/83-11/13/88	26	0.316	0.407	1.	0.04	0.092	0.304	0.047	0.15	0.672	0.856
00406	PH, FIELD, STANDARD UNITS SU	06/02/82-11/13/88	75	6.4	6.364	7.	5.61	0.065	0.255	6.042	6.2	6.5	6.7
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/02/82-11/13/88	75	6.4	6.288	7.	5.61	0.071	0.266	6.042	6.2	6.5	6.7
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/02/82-11/13/88	75	0.398	0.515	2.455	0.1	0.12	0.347	0.2	0.316	0.631	0.911
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	06/29/82-11/13/88	50	0.045	0.065	0.15	0.004	0.001	0.038	0.03	0.03	0.093	0.129
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	06/02/82-11/13/88	53	0.007	0.007	0.023	0.003	0.	0.005	0.003	0.003	0.009	0.013
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	06/02/82-11/13/88	69	0.006	0.007	0.02	0.003	0.	0.005	0.003	0.003	0.009	0.02
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	04/04/83-11/13/88	22	1.65	1.764	3.3	0.9	0.432	0.657	1.	1.3	2.025	2.87
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/02/82-11/13/88	30	1.4	1.527	2.4	0.7	0.292	0.541	0.8	1.1	2.1	2.3
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/02/82-11/13/88	30	0.3	0.277	0.4	0.1	0.006	0.077	0.2	0.2	0.3	0.4
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/02/82-11/13/88	30	0.5	0.592	1.1	0.33	0.065	0.255	0.351	0.4	0.9	1.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/02/82-11/13/88	31	0.21	0.218	0.37	0.1	0.005	0.074	0.116	0.15	0.27	0.328
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/02/82-11/13/88	69 ##	0.	0.082	0.5	0.	0.014	0.119	0.	0.	0.2	0.2
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/02/82-11/13/88	30	1.9	1.88	2.7	1.1	0.188	0.433	1.4	1.4	2.3	2.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: ROMO0313

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/04/83-11/13/88	23	0.08	0.08	0.11	0.05	0.	0.019	0.06	0.06	0.1	0.11
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/04/83-11/13/88	23	2.	2.104	3.5	1.3	0.326	0.571	1.44	1.7	2.4	3.12
01046	IRON, DISSOLVED (UG/L AS FE)	06/03/83-11/13/88	40	40.	46.35	96.	20.	485.618	22.037	20.	30.	60.	80.9
01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/04/83-11/13/88	23	6.	11.852	51.	1.	190.921	13.817	1.	2.	19.	37.
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/01/82-11/13/88	15	23.	36.874	90.	0.05	730.973	27.037	0.056	20.	60.	78.
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	04/04/83-11/13/88	68	0.025	0.032	0.13	0.003	0.001	0.028	0.004	0.01	0.05	0.08
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/02/82-11/13/88	48	0.9	0.862	1.6	0.09	0.15	0.387	0.39	0.5	1.2	1.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0313

				Total	Exceed	Prop.	----------6/10-10/31----------			----------11/01-4/10----------			----------4/11-6/09----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00403	PH, LAB	Fresh Chronic	9.	26	0	0.00	10	0	0.00	5	0	0.00	11	0	0.00			
		Other-Lo Lim.	6.5	26	15	0.58	10	3	0.30	5	3	0.60	11	9	0.82			
00406	PH, FIELD	Fresh Chronic	9.	75	0	0.00	36	0	0.00	19	0	0.00	20	0	0.00			
		Other-Lo Lim.	6.5	75	58	0.77	36	22	0.61	19	16	0.84	20	20	1.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	53	0	0.00	29	0	0.00	14	0	0.00	10	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	69	0	0.00	35	0	0.00	16	0	0.00	18	0	0.00			
		Drinking Water	250.	69	0	0.00	35	0	0.00	16	0	0.00	18	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	30	0	0.00	15	0	0.00	4	0	0.00	11	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	23	0	0.00	9	0	0.00	4	0	0.00	10	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	48	0	0.00	27	0	0.00	8	0	0.00	13	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1982 - Station ROMO0313

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/02/82-11/13/88	7	11.	12.857	19.	10.	15.476	3.934	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	06/02/82-11/13/88	7	6.34	6.309	6.66	5.61	0.115	0.339	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/02/82-11/13/88	7	6.34	6.162	6.66	5.61	0.14	0.374	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/02/82-11/13/88	7	0.457	0.689	2.455	0.219	0.619	0.787	**	**	**	**
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	06/29/82-11/13/88	3	0.03	0.027	0.03	0.02	0.	0.006	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	06/02/82-11/13/88	7	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/02/82-11/13/88	7	0.2	0.299	0.5	0.09	0.027	0.165	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/02/82-11/13/88	7	1.2	1.114	1.3	0.9	0.031	0.177	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station ROMO0313

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/02/82-11/13/88	12	14.	14.083	20.	8.	17.538	4.188	8.3	10.25	17.75	20.
00406	PH, FIELD, STANDARD UNITS SU	06/02/82-11/13/88	12	6.45	6.498	7.	6.1	0.1	0.317	6.1	6.225	6.835	6.97
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/02/82-11/13/88	12	6.447	6.403	7.	6.1	0.11	0.332	6.1	6.225	6.835	6.97
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/02/82-11/13/88	12	0.357	0.395	0.794	0.1	0.063	0.251	0.108	0.149	0.599	0.794
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	06/29/82-11/13/88	10	0.05	0.067	0.13	0.03	0.001	0.038	0.03	0.038	0.105	0.129
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	06/02/82-11/13/88	11	0.006	0.009	0.02	0.006	0.	0.004	0.006	0.006	0.01	0.018
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/02/82-11/13/88	12	0.2	0.146	0.2	0.003	0.005	0.071	0.023	0.085	0.2	0.2
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	04/04/83-11/13/88	11	0.06	0.061	0.13	0.004	0.002	0.04	0.004	0.03	0.08	0.126
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/02/82-11/13/88	12	0.75	0.775	1.5	0.2	0.149	0.386	0.26	0.425	1.125	1.41

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station ROMO0313

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/02/82-11/13/88	16	14.	14.375	21.	9.	17.717	4.209	9.	11.	18.75	21.
00406	PH, FIELD, STANDARD UNITS SU	06/02/82-11/13/88	17	6.4	6.418	6.8	6.	0.053	0.23	6.	6.3	6.55	6.8
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/02/82-11/13/88	17	6.4	6.36	6.8	6.	0.056	0.237	6.	6.3	6.55	6.8
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/02/82-11/13/88	17	0.398	0.437	1.	0.158	0.06	0.245	0.158	0.284	0.501	1.
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	06/29/82-11/13/88	10	0.065	0.075	0.15	0.03	0.002	0.046	0.03	0.038	0.113	0.15
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	06/02/82-11/13/88	14	0.01	0.012	0.02	0.003	0.	0.007	0.003	0.005	0.02	0.02
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/02/82-11/13/88	16	0.1	0.1	0.2	0.	0.008	0.089	0.	0.	0.2	0.2
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	04/04/83-11/13/88	18	0.035	0.037	0.09	0.004	0.001	0.025	0.004	0.018	0.053	0.081
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/02/82-11/13/88	10	1.1	0.96	1.6	0.2	0.258	0.508	0.21	0.375	1.4	1.58

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station ROMO0313

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/02/82-11/13/88	14	12.	12.643	20.	5.	18.401	4.29	6.	9.75	16.5	19.
00406	PH, FIELD, STANDARD UNITS SU	06/02/82-11/13/88	14	6.4	6.343	6.6	5.9	0.036	0.191	6.	6.25	6.5	6.55
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/02/82-11/13/88	14	6.4	6.299	6.6	5.9	0.039	0.196	6.	6.25	6.5	6.55
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/02/82-11/13/88	14	0.398	0.503	1.259	0.251	0.074	0.272	0.284	0.316	0.574	1.027
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	06/29/82-11/13/88	3	0.04	0.053	0.09	0.03	0.001	0.032	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	06/02/82-11/13/88	13	0.006	0.006	0.01	0.003	0.	0.003	0.003	0.003	0.009	0.01
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/02/82-11/13/88	14 ##	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	04/04/83-11/13/88	14	0.02	0.024	0.05	0.009	0.	0.013	0.01	0.01	0.033	0.045
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/02/82-11/13/88	9	0.9	0.889	1.3	0.4	0.086	0.293	0.4	0.65	1.1	1.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station ROMO0313

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/02/82-11/13/88	10	15.	14.3	19.	7.	18.011	4.244	7.3	10.	19.	19.
00406	PH, FIELD, STANDARD UNITS SU	06/02/82-11/13/88	9	6.3	6.244	6.4	6.	0.023	0.151	6.	6.1	6.4	6.4
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/02/82-11/13/88	9	6.3	6.221	6.4	6.	0.023	0.153	6.	6.1	6.4	6.4
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/02/82-11/13/88	9	0.501	0.602	1.	0.398	0.047	0.217	0.398	0.398	0.794	1.
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	06/29/82-11/13/88	9	0.03	0.052	0.11	0.004	0.001	0.036	0.004	0.03	0.085	0.11
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	06/02/82-11/13/88	10	0.006	0.007	0.009	0.003	0.	0.002	0.003	0.005	0.009	0.009
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/02/82-11/13/88	10 ##	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	04/04/83-11/13/88	10	0.01	0.022	0.05	0.003	0.	0.02	0.003	0.009	0.05	0.05
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/02/82-11/13/88	9	0.7	0.688	1.4	0.09	0.143	0.378	0.09	0.45	0.9	1.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station ROMO0313

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/02/82-11/13/88	9	18.	27.111	120.	9.	1238.611	35.194	9.	10.5	22.	120.
00406	PH, FIELD, STANDARD UNITS SU	06/02/82-11/13/88	9	6.38	6.357	6.67	5.89	0.061	0.247	5.89	6.19	6.56	6.67
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/02/82-11/13/88	9	6.38	6.29	6.67	5.89	0.066	0.257	5.89	6.19	6.56	6.67
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/02/82-11/13/88	9	0.417	0.513	1.288	0.214	0.111	0.333	0.214	0.277	0.646	1.288
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	06/29/82-11/13/88	9	0.05	0.073	0.14	0.04	0.002	0.041	0.04	0.04	0.11	0.14
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	06/02/82-11/13/88	7	0.003	0.004	0.006	0.003	0.	0.002	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/02/82-11/13/88	9 ##	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	04/04/83-11/13/88	8	0.009	0.011	0.02	0.004	0.	0.006	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station ROMO0313

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/02/82-11/13/88	8	15.5	15.375	22.	8.	25.696	5.069	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	06/02/82-11/13/88	7	6.14	6.26	6.76	5.97	0.09	0.3	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/02/82-11/13/88	7	6.14	6.189	6.76	5.97	0.096	0.31	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/02/82-11/13/88	7	0.724	0.648	1.072	0.174	0.105	0.324	**	**	**	**
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	06/29/82-11/13/88	6	0.075	0.077	0.12	0.04	0.001	0.034	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	06/02/82-11/13/88	7	0.003	0.006	0.02	0.003	0.	0.006	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/02/82-11/13/88	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	04/04/83-11/13/88	7	0.02	0.025	0.05	0.003	0.	0.021	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/02/82-11/13/88	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 6/10 to 10/31 - Station ROMO0313

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/02/82-11/13/88	35	7.	7.334	14.	3.	8.531	2.921	3.3	6.	9.	11.2
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/02/82-11/13/88	37	10.	13.514	120.	5.	329.59	18.155	7.8	9.	12.	14.
00406	PH, FIELD, STANDARD UNITS SU	06/02/82-11/13/88	36	6.5	6.487	7.	5.61	0.059	0.242	6.3	6.37	6.608	6.8
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/02/82-11/13/88	36	6.5	6.403	7.	5.61	0.066	0.257	6.3	6.37	6.607	6.8
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/02/82-11/13/88	36	0.316	0.395	2.455	0.1	0.144	0.379	0.158	0.247	0.427	0.501
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	06/29/82-11/13/88	22	0.04	0.036	0.05	0.02	0.	0.007	0.03	0.03	0.04	0.047
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	06/02/82-11/13/88	29	0.003	0.007	0.023	0.003	0.	0.005	0.003	0.003	0.009	0.016
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	06/02/82-11/13/88	36	0.006	0.007	0.02	0.003	0.	0.005	0.003	0.003	0.006	0.02
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/02/82-11/13/88	35 ##	0.	0.075	0.5	0.	0.015	0.121	0.	0.	0.1	0.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 4/10 - Station ROMO0313

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/02/82-11/13/88	17	4.	4.071	6.4	3.	0.645	0.803	3.	3.75	4.5	5.12
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/02/82-11/13/88	19	19.	17.947	22.	11.	9.386	3.064	14.	15.	20.	22.
00406	PH, FIELD, STANDARD UNITS SU	06/02/82-11/13/88	19	6.21	6.283	6.88	5.89	0.06	0.244	5.97	6.11	6.4	6.7
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/02/82-11/13/88	19	6.21	6.226	6.88	5.89	0.063	0.251	5.97	6.11	6.4	6.7
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/02/82-11/13/88	19	0.617	0.594	1.288	0.132	0.082	0.286	0.2	0.398	0.776	1.072
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	06/29/82-11/13/88	15	0.1	0.098	0.14	0.004	0.001	0.032	0.044	0.09	0.12	0.134
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	06/02/82-11/13/88	14	0.007	0.007	0.016	0.003	0.	0.004	0.003	0.003	0.009	0.015
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	06/02/82-11/13/88	15	0.006	0.006	0.02	0.003	0.	0.004	0.003	0.003	0.009	0.013
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/02/82-11/13/88	16 ##	0.	0.044	0.2	0.	0.007	0.081	0.	0.	0.075	0.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/11 to 6/09 - Station ROMO0313

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/02/82-11/13/88	18	4.	3.444	8.	0.5	3.173	1.781	0.95	2.5	4.	5.3
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/02/82-11/13/88	20	17.5	16.75	21.	12.	7.987	2.826	12.1	14.25	18.75	20.9
00406	PH, FIELD, STANDARD UNITS SU	06/02/82-11/13/88	20	6.245	6.219	6.5	5.9	0.032	0.178	6.	6.078	6.4	6.4
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/02/82-11/13/88	20	6.243	6.184	6.5	5.9	0.033	0.182	6.	6.077	6.4	6.4
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/02/82-11/13/88	20	0.572	0.654	1.259	0.316	0.073	0.271	0.398	0.398	0.837	1.
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	06/29/82-11/13/88	13	0.07	0.076	0.15	0.03	0.002	0.041	0.03	0.04	0.1	0.15
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	06/02/82-11/13/88	10	0.007	0.007	0.013	0.003	0.	0.003	0.003	0.006	0.01	0.013
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	06/02/82-11/13/88	18	0.009	0.009	0.02	0.003	0.	0.006	0.003	0.003	0.01	0.02
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/02/82-11/13/88	18	0.15	0.128	0.5	0.	0.017	0.132	0.	0.	0.2	0.23

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: ROMO0314

NPS Station ID: ROMO0314
LAT/LON: 40.292309/-105.656531
Agency: 11NPSWRD
Date Created: 06/30/99
Location: MIDDLE OF THE LOCH AT THE BOTTOM
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): ROMO_JB_LOCHLH
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MCHENRYS PEAK CO 7.5' (TOPOGRAPHICAL) SERIES QUADRANGLE. THE SITE IS AT THE MIDDLE OF THE LOCH AT THE BOTTOM AND IS LOCATED IN ROCKY MOUNTAIN NATIONAL PARK. DATA WERE COLLECTED FOR THE LOCH VALE WATERSHED STUDY; A LONG TERM MONITORING STUDY FOR THE NATIONAL ATMOSPHERIC DEPOSITION PROGRAM/NATIONAL ACID PRECIPITATION ASSESSMENT PROGRAM (NADP/NAPAP). THE NADP/NAPAP MONITORS WATER QUALITY OF SENSITIVE ENVIRONMENTS FOR CHANGES DUE TO ACID PRECIPITATION. JILL BARON IS THE PROJECT CONTACT FOR THE STUDY AT THE NATURAL RESOURCES ECOLOGY LABORATORY AT COLORADO STATE UNIVERSITY IN FORT COLLINS CO 80525 (TEL. 970-491-1968). FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0314

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/02/82-12/05/95	81	4.5	5.535	14.	0.	6.247	2.499	3.5	4.	6.8	9.64
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/02/82-03/18/97	94	16.	15.894	29.	7.	29.042	5.389	9.	11.75	19.	23.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/04/83-03/18/97	86	16.5	17.07	30.	8.	30.466	5.52	10.	13.	21.	25.
00403	PH, LAB, STANDARD UNITS SU	04/04/83-03/18/97	69	6.5	6.584	7.6	6.	0.113	0.337	6.2	6.35	6.8	7.
00403	CONVERTED PH, LAB, STANDARD UNITS	04/04/83-03/18/97	69	6.5	6.478	7.6	6.	0.125	0.353	6.2	6.35	6.8	7.
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/04/83-03/18/97	69	0.316	0.332	1.	0.025	0.047	0.217	0.1	0.158	0.45	0.631
00406	PH, FIELD, STANDARD UNITS SU	06/02/82-03/18/97	95	6.4	6.383	6.9	5.8	0.055	0.234	6.092	6.21	6.53	6.7
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/02/82-03/18/97	95	6.4	6.32	6.9	5.8	0.058	0.242	6.092	6.21	6.53	6.7
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/02/82-03/18/97	95	0.398	0.478	1.585	0.126	0.075	0.274	0.2	0.295	0.617	0.809
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	06/29/82-03/18/97	86	0.085	0.082	0.17	0.02	0.002	0.044	0.03	0.04	0.12	0.143
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	06/02/82-12/08/92	61	0.007	0.008	0.03	0.003	0.	0.005	0.003	0.003	0.01	0.013
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	06/02/82-03/18/97	81	0.003	0.006	0.02	0.	0.	0.005	0.003	0.003	0.008	0.018
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	04/04/83-03/18/97	42	1.35	1.536	3.8	0.1	0.666	0.816	0.6	0.975	1.975	2.77
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/02/82-03/18/97	92	1.85	1.733	3.2	0.7	0.37	0.608	1.	1.125	2.2	2.47
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/02/82-03/18/97	92	0.3	0.333	2.4	0.1	0.101	0.318	0.2	0.2	0.4	0.4
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/02/82-03/18/97	92	0.7	0.71	1.81	0.3	0.1	0.316	0.356	0.4	1.	1.1
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/02/82-03/18/97	93	0.22	0.208	0.32	0.02	0.004	0.063	0.124	0.16	0.26	0.29
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/02/82-03/18/97	96	0.2	0.184	1.	0.	0.021	0.146	0.07	0.1	0.2	0.3
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/02/82-03/18/97	93	2.	1.98	4.3	0.9	0.415	0.644	1.1	1.4	2.4	2.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: ROMO0314

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/04/83-12/10/96	78	0.09	0.088	0.17	0.	0.001	0.03	0.06	0.07	0.11	0.13
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/04/83-03/18/97	80	2.	2.005	3.4	0.9	0.311	0.558	1.3	1.5	2.4	2.8
01046	IRON, DISSOLVED (UG/L AS FE)	06/10/83-12/08/92	50	39.	46.74	97.	3.	604.4	24.585	19.2	27.75	66.	85.9
01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/04/83-05/04/93	75	5.5	13.669	98.	1.	352.264	18.769	1.	1.7	20.	32.6
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/01/82-05/04/93	68	22.	31.707	90.	0.05	575.101	23.981	9.	14.	46.75	72.4
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	04/04/83-03/18/97	87	0.03	0.039	0.43	0.	0.003	0.054	0.004	0.009	0.06	0.082
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/02/82-03/18/97	91	0.8	0.723	1.6	0.	0.167	0.409	0.1	0.4	1.	1.3

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EPA Water Quality Criteria Analysis for Station: ROMO0314

				Total	Exceed	Prop.	----------6/10-10/31----------			----------11/01-4/10----------			----------4/11-6/09----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00403	PH, LAB	Fresh Chronic	9.	69	0	0.00	20	0	0.00	34	0	0.00	15	0	0.00			
		Other-Lo Lim.	6.5	69	35	0.51	20	5	0.25	34	19	0.56	15	11	0.73			
00406	PH, FIELD	Fresh Chronic	9.	95	0	0.00	39	0	0.00	34	0	0.00	22	0	0.00			
		Other-Lo Lim.	6.5	95	71	0.75	39	24	0.62	34	26	0.76	22	21	0.95			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	61	0	0.00	30	0	0.00	20	0	0.00	11	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	96	0	0.00	41	0	0.00	33	0	0.00	22	0	0.00			
		Drinking Water	250.	96	0	0.00	41	0	0.00	33	0	0.00	22	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	93	0	0.00	38	0	0.00	33	0	0.00	22	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	78	0	0.00	32	0	0.00	27	0	0.00	19	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	91	0	0.00	36	0	0.00	33	0	0.00	22	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1982 - Station ROMO0314

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/02/82-12/05/95	6	9.8	9.767	14.	6.	7.351	2.711	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/02/82-03/18/97	7	12.	13.429	19.	9.	17.619	4.198	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	06/02/82-03/18/97	7	6.49	6.384	6.62	5.8	0.082	0.287	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/02/82-03/18/97	7	6.49	6.283	6.62	5.8	0.094	0.307	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/02/82-03/18/97	7	0.324	0.522	1.585	0.24	0.231	0.48	**	**	**	**
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	06/29/82-03/18/97	3	0.03	0.027	0.03	0.02	0.	0.006	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/02/82-03/18/97	7	0.8	0.971	1.4	0.7	0.082	0.287	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/02/82-03/18/97	7	0.2	0.214	0.3	0.2	0.001	0.038	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/02/82-03/18/97	7	0.39	0.456	0.78	0.32	0.025	0.159	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/02/82-03/18/97	7	0.14	0.144	0.24	0.09	0.002	0.049	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/02/82-03/18/97	7	0.3	0.371	0.6	0.2	0.036	0.189	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/02/82-03/18/97	7	1.6	1.686	2.4	1.3	0.135	0.367	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/01/82-05/04/93	2	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/02/82-03/18/97	7	1.2	1.114	1.3	0.9	0.031	0.177	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station ROMO0314

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/02/82-12/05/95	13	4.	5.038	11.	2.	7.019	2.649	2.4	3.	6.5	10.2
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/02/82-03/18/97	13	13.	13.846	19.	8.	16.474	4.059	8.4	10.5	18.	19.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/04/83-03/18/97	13	19.	18.769	28.	11.	27.026	5.199	11.8	14.	23.	26.4
00403	PH, LAB, STANDARD UNITS SU	04/04/83-03/18/97	13	6.4	6.508	7.6	6.1	0.241	0.491	6.1	6.1	6.95	7.4
00403	CONVERTED PH, LAB, STANDARD UNITS	04/04/83-03/18/97	13	6.4	6.335	7.6	6.1	0.273	0.523	6.1	6.1	6.95	7.4
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/04/83-03/18/97	13	0.398	0.462	0.794	0.025	0.095	0.308	0.047	0.119	0.794	0.794
00406	PH, FIELD, STANDARD UNITS SU	06/02/82-03/18/97	13	6.5	6.483	6.9	6.1	0.067	0.259	6.14	6.25	6.74	6.86
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/02/82-03/18/97	13	6.5	6.416	6.9	6.1	0.072	0.268	6.14	6.25	6.74	6.86
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/02/82-03/18/97	13	0.316	0.384	0.794	0.126	0.045	0.213	0.139	0.183	0.566	0.729
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	06/29/82-03/18/97	12	0.055	0.077	0.13	0.02	0.002	0.046	0.023	0.04	0.13	0.13
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/02/82-03/18/97	13	1.8	1.685	2.3	1.	0.291	0.54	1.04	1.1	2.25	2.3
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/02/82-03/18/97	13	0.3	0.292	0.5	0.1	0.014	0.119	0.14	0.2	0.35	0.5
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/02/82-03/18/97	13	0.6	0.7	1.1	0.4	0.077	0.277	0.4	0.45	1.	1.06
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/02/82-03/18/97	13	0.24	0.231	0.3	0.14	0.003	0.058	0.144	0.165	0.29	0.296
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/02/82-03/18/97	13	0.1	0.122	0.3	0.02	0.008	0.091	0.02	0.075	0.15	0.3
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/02/82-03/18/97	13	2.	1.915	2.5	1.1	0.25	0.5	1.22	1.4	2.4	2.46
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/04/83-12/10/96	13	0.09	0.086	0.11	0.05	0.	0.019	0.054	0.075	0.105	0.11
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/04/83-03/18/97	13	1.9	1.985	2.7	1.4	0.18	0.424	1.44	1.55	2.2	2.7
01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/04/83-05/04/93	13	9.	14.615	35.	2.	175.256	13.238	2.	2.	27.5	33.4
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/01/82-05/04/93	2	35.	35.	50.	20.	450.	21.213	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	04/04/83-03/18/97	12	0.06	0.057	0.12	0.004	0.002	0.042	0.004	0.013	0.093	0.12
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/02/82-03/18/97	13	0.4	0.569	1.	0.2	0.081	0.284	0.24	0.35	0.9	0.96

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station ROMO0314

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/02/82-12/05/95	15	4.	5.313	8.5	3.	3.061	1.75	3.6	4.	6.6	8.32
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/02/82-03/18/97	14	13.5	14.429	22.	9.	16.418	4.052	9.5	11.	17.5	21.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/04/83-03/18/97	12	15.5	16.25	24.	10.	20.023	4.475	10.	13.	19.75	23.4
00403	PH, LAB, STANDARD UNITS SU	04/04/83-03/18/97	12	6.85	6.842	7.6	6.2	0.17	0.412	6.23	6.6	7.125	7.54
00403	CONVERTED PH, LAB, STANDARD UNITS	04/04/83-03/18/97	12	6.847	6.682	7.6	6.2	0.198	0.445	6.23	6.6	7.125	7.54
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/04/83-03/18/97	12	0.142	0.208	0.631	0.025	0.034	0.184	0.03	0.079	0.251	0.592
00406	PH, FIELD, STANDARD UNITS SU	06/02/82-03/18/97	14	6.4	6.436	6.8	6.1	0.035	0.186	6.15	6.3	6.525	6.75

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Annual Analysis for 1984 - Station ROMO0314

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/02/82-03/18/97	14	6.4	6.4	6.8	6.1	0.036	0.19	6.15	6.3	6.525	6.75
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/02/82-03/18/97	14	0.398	0.398	0.794	0.158	0.029	0.169	0.179	0.3	0.501	0.713
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	06/29/82-03/18/97	8	0.08	0.081	0.16	0.04	0.002	0.042	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/02/82-03/18/97	11	1.5	1.6	2.4	1.	0.27	0.52	1.	1.1	2.2	2.38
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/02/82-03/18/97	11	0.3	0.645	2.4	0.2	0.717	0.847	0.2	0.2	0.4	2.38
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/02/82-03/18/97	11	0.5	0.636	1.1	0.4	0.075	0.273	0.4	0.4	1.	1.08
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/02/82-03/18/97	12	0.21	0.212	0.28	0.14	0.003	0.052	0.14	0.165	0.265	0.28
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/02/82-03/18/97	15	0.1	0.12	0.2	0.	0.007	0.084	0.	0.04	0.2	0.2
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/02/82-03/18/97	12	1.85	1.783	2.4	1.1	0.211	0.459	1.1	1.4	2.2	2.34
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/04/83-12/10/96	12	0.075	0.073	0.12	0.	0.002	0.039	0.	0.063	0.108	0.117
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/04/83-03/18/97	11	1.9	1.9	2.4	1.5	0.088	0.297	1.5	1.7	2.1	2.38
01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/04/83-05/04/93	11	1.	11.	59.	1.	322.2	17.95	1.	1.	20.	52.
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/01/82-05/04/93	10	35.	42.	80.	10.	573.333	23.944	11.	20.	62.5	79.
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	04/04/83-03/18/97	15	0.03	0.03	0.07	0.004	0.001	0.023	0.005	0.009	0.04	0.07
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/02/82-03/18/97	10	0.9	0.859	1.6	0.09	0.298	0.546	0.091	0.25	1.4	1.58

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Annual Analysis for 1985 - Station ROMO0314

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/02/82-12/05/95	13	4.	4.854	7.5	2.	2.828	1.682	2.6	4.	6.3	7.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/02/82-03/18/97	14	12.	13.214	21.	7.	16.643	4.08	7.5	10.	17.25	19.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/04/83-03/18/97	14	11.5	13.571	24.	9.	23.187	4.815	9.	9.75	18.	22.5
00403	PH, LAB, STANDARD UNITS SU	04/04/83-03/18/97	2	6.65	6.65	6.7	6.6	0.005	0.071	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	04/04/83-03/18/97	2	6.647	6.647	6.7	6.6	0.005	0.071	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/04/83-03/18/97	2	0.225	0.225	0.251	0.2	0.001	0.037	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	06/02/82-03/18/97	14	6.4	6.393	6.8	6.	0.048	0.22	6.05	6.275	6.525	6.75
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/02/82-03/18/97	14	6.4	6.342	6.8	6.	0.051	0.226	6.05	6.275	6.525	6.75
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/02/82-03/18/97	14	0.398	0.455	1.	0.158	0.053	0.231	0.179	0.3	0.534	0.897
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	06/29/82-03/18/97	14	0.04	0.048	0.12	0.03	0.001	0.028	0.03	0.03	0.05	0.105
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/02/82-03/18/97	14	1.35	1.514	2.4	1.	0.227	0.477	1.	1.1	2.	2.35
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/02/82-03/18/97	14	0.2	0.25	0.4	0.2	0.006	0.076	0.2	0.2	0.3	0.4
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/02/82-03/18/97	14	0.41	0.532	1.	0.34	0.052	0.228	0.34	0.4	0.7	1.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/02/82-03/18/97	14	0.155	0.184	0.32	0.1	0.004	0.067	0.11	0.138	0.233	0.305
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/02/82-03/18/97	14	0.1	0.133	0.2	0.08	0.003	0.052	0.08	0.1	0.2	0.2
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/02/82-03/18/97	14	1.55	1.621	2.4	1.	0.216	0.464	1.05	1.175	2.	2.4
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/04/83-12/10/96	14	0.08	0.086	0.13	0.07	0.	0.017	0.07	0.078	0.09	0.12
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/04/83-03/18/97	14	1.7	1.829	3.4	0.9	0.445	0.667	1.05	1.3	2.325	2.95
01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/04/83-05/04/93	14	1.75	4.757	15.	1.	27.896	5.282	1.	1.175	8.5	14.5
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/01/82-05/04/93	14	33.	44.714	90.	18.	609.297	24.684	19.5	25.75	72.25	83.
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	04/04/83-03/18/97	14	0.02	0.024	0.06	0.01	0.	0.013	0.01	0.018	0.03	0.05
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/02/82-03/18/97	14	0.95	0.936	1.4	0.4	0.098	0.313	0.4	0.75	1.2	1.35

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Annual Analysis for 1986 - Station ROMO0314

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/02/82-12/05/95	7	4.	4.857	8.	3.5	2.56	1.6	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/02/82-03/18/97	8	15.	14.375	20.	7.	25.125	5.012	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/04/83-03/18/97	8	16.	14.75	21.	8.	24.214	4.921	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	06/02/82-03/18/97	8	6.3	6.3	6.5	6.1	0.014	0.12	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/02/82-03/18/97	8	6.3	6.286	6.5	6.1	0.015	0.121	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/02/82-03/18/97	8	0.501	0.518	0.794	0.316	0.021	0.144	**	**	**	**

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Annual Analysis for 1986 - Station ROMO0314

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	06/29/82-03/18/97	8	0.065	0.073	0.13	0.03	0.002	0.042	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/02/82-03/18/97	8	1.7	1.563	2.1	0.8	0.257	0.507	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/02/82-03/18/97	8	0.25	0.238	0.3	0.1	0.006	0.074	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/02/82-03/18/97	8	0.6	0.588	0.9	0.3	0.061	0.247	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/02/82-03/18/97	8	0.17	0.163	0.27	0.02	0.005	0.073	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/02/82-03/18/97	8	0.15	0.146	0.2	0.07	0.003	0.058	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/02/82-03/18/97	8	1.75	1.613	2.2	0.9	0.216	0.464	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/04/83-12/10/96	8	0.085	0.086	0.11	0.07	0.	0.014	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/04/83-03/18/97	8	2.25	2.113	2.8	1.1	0.487	0.698	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/04/83-05/04/93	8	5.3	10.45	36.	1.	150.551	12.27	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/01/82-05/04/93	8	25.	35.625	72.	14.	535.411	23.139	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	04/04/83-03/18/97	8	0.02	0.03	0.07	0.008	0.001	0.024	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/02/82-03/18/97	8	0.45	0.611	1.4	0.09	0.203	0.45	**	**	**	**

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Annual Analysis for 1987 - Station ROMO0314

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/02/82-12/05/95	7	4.	6.214	11.	4.	8.488	2.913	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/02/82-03/18/97	9	13.	16.	25.	9.	40.25	6.344	9.	10.5	22.5	25.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/04/83-03/18/97	9	14.	16.556	26.	10.	40.028	6.327	10.	10.5	22.5	26.
00403	PH, LAB, STANDARD UNITS SU	04/04/83-03/18/97	9	6.6	6.589	6.9	6.3	0.029	0.169	6.3	6.5	6.7	6.9
00403	CONVERTED PH, LAB, STANDARD UNITS	04/04/83-03/18/97	9	6.6	6.56	6.9	6.3	0.03	0.172	6.3	6.5	6.7	6.9
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/04/83-03/18/97	9	0.251	0.275	0.501	0.126	0.011	0.107	0.126	0.2	0.316	0.501
00406	PH, FIELD, STANDARD UNITS SU	06/02/82-03/18/97	9	6.3	6.341	6.63	5.98	0.046	0.214	5.98	6.195	6.55	6.63
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/02/82-03/18/97	9	6.3	6.295	6.63	5.98	0.048	0.219	5.98	6.195	6.55	6.63
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/02/82-03/18/97	9	0.501	0.507	1.047	0.234	0.064	0.254	0.234	0.287	0.639	1.047
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	06/29/82-03/18/97	9	0.05	0.079	0.16	0.04	0.003	0.05	0.04	0.04	0.125	0.16
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/02/82-03/18/97	9	1.4	1.744	3.	1.	0.538	0.733	1.	1.1	2.4	3.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/02/82-03/18/97	9	0.2	0.289	0.5	0.2	0.014	0.117	0.2	0.2	0.4	0.5
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/02/82-03/18/97	9	0.5	0.658	1.2	0.31	0.114	0.337	0.31	0.365	0.98	1.2
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/02/82-03/18/97	9	0.24	0.223	0.32	0.15	0.004	0.063	0.15	0.165	0.275	0.32
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/02/82-03/18/97	9	0.2	0.156	0.2	0.1	0.003	0.053	0.1	0.1	0.2	0.2
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/02/82-03/18/97	9	1.7	1.9	2.8	1.1	0.445	0.667	1.1	1.25	2.6	2.8
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/04/83-12/10/96	9	0.09	0.094	0.13	0.07	0.	0.02	0.07	0.08	0.11	0.13
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/04/83-03/18/97	9	2.	2.1	2.8	1.3	0.325	0.57	1.3	1.55	2.65	2.8
01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/04/83-05/04/93	9	3.1	10.667	29.	1.	122.315	11.06	1.	1.9	22.5	29.
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/01/82-05/04/93	9	23.	29.667	68.	16.	339.5	18.426	16.	17.5	40.5	68.
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	04/04/83-03/18/97	9	0.01	0.022	0.1	0.003	0.001	0.031	0.003	0.006	0.03	0.1
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/02/82-03/18/97	9	0.7	0.7	1.4	0.1	0.18	0.424	0.1	0.3	1.	1.4

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Annual Analysis for 1988 - Station ROMO0314

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/02/82-12/05/95	9	4.8	6.133	11.5	3.5	8.71	2.951	3.5	3.9	9.	11.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/02/82-03/18/97	10	16.5	16.1	23.	7.	30.767	5.547	7.2	11.25	22.	22.9
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/04/83-03/18/97	10	16.5	16.3	24.	10.	27.344	5.229	10.	10.75	21.	24.
00403	PH, LAB, STANDARD UNITS SU	04/04/83-03/18/97	10	6.4	6.44	6.8	6.2	0.029	0.171	6.21	6.3	6.525	6.78
00403	CONVERTED PH, LAB, STANDARD UNITS	04/04/83-03/18/97	10	6.4	6.412	6.8	6.2	0.03	0.174	6.21	6.3	6.525	6.78
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/04/83-03/18/97	10	0.398	0.387	0.631	0.158	0.019	0.136	0.168	0.3	0.501	0.618
00406	PH, FIELD, STANDARD UNITS SU	06/02/82-03/18/97	9	6.08	6.174	6.67	5.81	0.076	0.276	5.81	6.005	6.42	6.67
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/02/82-03/18/97	9	6.08	6.107	6.67	5.81	0.081	0.285	5.81	6.005	6.42	6.67

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Annual Analysis for 1988 - Station ROMO0314

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/02/82-03/18/97	9	0.832	0.781	1.549	0.214	0.167	0.409	0.214	0.392	0.989	1.549
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	06/29/82-03/18/97	9	0.07	0.073	0.12	0.03	0.002	0.039	0.03	0.035	0.115	0.12
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/02/82-03/18/97	9	1.9	1.711	2.4	1.	0.346	0.588	1.	1.05	2.3	2.4
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/02/82-03/18/97	9	0.3	0.278	0.4	0.1	0.012	0.109	0.1	0.2	0.4	0.4
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/02/82-03/18/97	9	0.73	0.701	1.1	0.34	0.09	0.3	0.34	0.385	0.995	1.1
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/02/82-03/18/97	9	0.22	0.217	0.32	0.11	0.006	0.078	0.11	0.135	0.29	0.32
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/02/82-03/18/97	9	0.2	0.271	1.	0.07	0.08	0.282	0.07	0.135	0.25	1.
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/02/82-03/18/97	9	2.2	2.1	3.1	1.1	0.65	0.806	1.1	1.25	2.95	3.1
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/04/83-12/10/96	9	0.09	0.098	0.13	0.07	0.	0.02	0.07	0.08	0.115	0.13
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/04/83-03/18/97	9	2.1	2.1	3.1	1.3	0.473	0.687	1.3	1.5	2.85	3.1
01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/04/83-05/04/93	9	5.5	11.967	51.	1.	257.048	16.033	1.	1.15	17.5	51.
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/01/82-05/04/93	10	25.	34.6	86.	9.	790.489	28.116	9.5	17.	46.25	86.
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	04/04/83-03/18/97	8	0.025	0.04	0.18	0.001	0.003	0.059	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/02/82-03/18/97	9	0.8	0.789	1.2	0.5	0.059	0.242	0.5	0.55	1.	1.2

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Annual Analysis for 1989 - Station ROMO0314

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/04/83-03/18/97	2	28.	28.	29.	27.	2.	1.414	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	04/04/83-03/18/97	2	6.85	6.85	6.9	6.8	0.005	0.071	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	04/04/83-03/18/97	2	6.847	6.847	6.9	6.8	0.005	0.071	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/04/83-03/18/97	2	0.142	0.142	0.158	0.126	0.001	0.023	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	06/02/82-03/18/97	2	6.225	6.225	6.47	5.98	0.12	0.346	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/02/82-03/18/97	2	6.159	6.159	6.47	5.98	0.129	0.359	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/02/82-03/18/97	2	0.693	0.693	1.047	0.339	0.251	0.501	**	**	**	**
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	06/29/82-03/18/97	2	0.155	0.155	0.17	0.14	0.	0.021	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/01/82-05/04/93	2	13.5	13.5	17.	10.	24.5	4.95	**	**	**	**

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Annual Analysis for 1990 - Station ROMO0314

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/02/82-12/05/95	2	4.6	4.6	5.2	4.	0.72	0.849	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/02/82-03/18/97	3	19.	19.333	23.	16.	12.333	3.512	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/04/83-03/18/97	3	21.	20.667	21.	20.	0.333	0.577	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	04/04/83-03/18/97	3	6.7	6.667	6.8	6.5	0.023	0.153	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	04/04/83-03/18/97	3	6.7	6.648	6.8	6.5	0.024	0.154	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/04/83-03/18/97	3	0.2	0.225	0.316	0.158	0.007	0.082	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	06/02/82-03/18/97	2	6.525	6.525	6.62	6.43	0.018	0.134	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/02/82-03/18/97	2	6.515	6.515	6.62	6.43	0.018	0.135	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/02/82-03/18/97	2	0.306	0.306	0.372	0.24	0.009	0.093	**	**	**	**
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	06/29/82-03/18/97	3	0.12	0.117	0.13	0.1	0.	0.015	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/02/82-03/18/97	3	2.4	2.367	2.5	2.2	0.023	0.153	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/02/82-03/18/97	3	0.4	0.367	0.4	0.3	0.003	0.058	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/02/82-03/18/97	3	1.1	1.067	1.3	0.8	0.063	0.252	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/02/82-03/18/97	3	0.23	0.22	0.24	0.19	0.001	0.026	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/02/82-03/18/97	3	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/02/82-03/18/97	3	2.7	2.633	2.9	2.3	0.093	0.306	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/04/83-12/10/96	3	0.13	0.12	0.13	0.1	0.	0.017	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/04/83-03/18/97	3	1.9	1.767	1.9	1.5	0.053	0.231	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/04/83-05/04/93	3	8.	8.667	14.	4.	25.333	5.033	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/01/82-05/04/93	3	11.	11.333	13.	10.	2.333	1.528	**	**	**	**

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Annual Analysis for 1990 - Station ROMO0314

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	04/04/83-03/18/97	3	0.005	0.005	0.008	0.003	0.	0.003	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/02/82-03/18/97	3	0.09	0.31	0.8	0.04	0.181	0.425	**	**	**	**

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Annual Analysis for 1991 - Station ROMO0314

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/02/82-12/05/95	3	5.5	5.267	5.8	4.5	0.463	0.681	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/02/82-03/18/97	2	26.	26.	29.	23.	18.	4.243	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/04/83-03/18/97	2	24.5	24.5	28.	21.	24.5	4.95	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	04/04/83-03/18/97	2	6.55	6.55	6.6	6.5	0.005	0.071	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	04/04/83-03/18/97	2	6.547	6.547	6.6	6.5	0.005	0.071	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/04/83-03/18/97	2	0.284	0.284	0.316	0.251	0.002	0.046	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	06/02/82-03/18/97	3	6.46	6.377	6.46	6.21	0.021	0.144	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/02/82-03/18/97	3	6.46	6.36	6.46	6.21	0.021	0.146	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/02/82-03/18/97	3	0.347	0.437	0.617	0.347	0.024	0.156	**	**	**	**
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	06/29/82-03/18/97	2	0.13	0.13	0.16	0.1	0.002	0.042	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/02/82-03/18/97	2	2.75	2.75	3.2	2.3	0.405	0.636	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/02/82-03/18/97	2	0.4	0.4	0.5	0.3	0.02	0.141	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/02/82-03/18/97	2	1.	1.	1.2	0.8	0.08	0.283	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/02/82-03/18/97	2	0.28	0.28	0.32	0.24	0.003	0.057	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/02/82-03/18/97	2	0.25	0.25	0.3	0.2	0.005	0.071	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/02/82-03/18/97	2	3.	3.	3.3	2.7	0.18	0.424	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/04/83-12/10/96	2	0.12	0.12	0.14	0.1	0.001	0.028	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/04/83-03/18/97	2	1.95	1.95	2.9	1.	1.805	1.344	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/04/83-05/04/93	2	49.	49.	84.	14.	2450.	49.497	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/01/82-05/04/93	2	13.	13.	13.	13.	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	04/04/83-03/18/97	2	0.041	0.041	0.08	0.001	0.003	0.056	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/02/82-03/18/97	2	0.57	0.57	1.1	0.04	0.562	0.75	**	**	**	**

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Annual Analysis for 1992 - Station ROMO0314

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/02/82-12/05/95	2	4.6	4.6	5.	4.2	0.32	0.566	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/02/82-03/18/97	2	26.5	26.5	27.	26.	0.5	0.707	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/04/83-03/18/97	3	25.	23.333	25.	20.	8.333	2.887	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	04/04/83-03/18/97	4	6.7	6.7	7.	6.4	0.087	0.294	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	04/04/83-03/18/97	4	6.655	6.629	7.	6.4	0.093	0.306	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/04/83-03/18/97	4	0.221	0.235	0.398	0.1	0.021	0.145	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	06/02/82-03/18/97	2	6.26	6.26	6.35	6.17	0.016	0.127	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/02/82-03/18/97	2	6.251	6.251	6.35	6.17	0.016	0.128	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/02/82-03/18/97	2	0.561	0.561	0.676	0.447	0.026	0.162	**	**	**	**
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	06/29/82-03/18/97	4	0.125	0.125	0.16	0.09	0.001	0.035	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/02/82-03/18/97	4	2.35	2.35	2.8	1.9	0.177	0.42	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/02/82-03/18/97	4	0.35	0.35	0.4	0.3	0.003	0.058	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/02/82-03/18/97	4	0.93	0.915	1.1	0.7	0.046	0.215	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/02/82-03/18/97	4	0.245	0.245	0.27	0.22	0.001	0.024	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/02/82-03/18/97	4	0.2	0.225	0.3	0.2	0.002	0.05	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/02/82-03/18/97	4	2.5	2.6	3.3	2.1	0.26	0.51	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/04/83-12/10/96	4	0.11	0.12	0.17	0.09	0.001	0.038	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/04/83-03/18/97	4	2.3	2.3	2.7	1.9	0.107	0.327	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/04/83-05/04/93	4	17.5	36.275	98.	12.1	1707.969	41.328	**	**	**	**

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Annual Analysis for 1992 - Station ROMO0314

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/01/82-05/04/93	4	9.5	10.5	14.	9.	5.667	2.38	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	04/04/83-03/18/97	4	0.065	0.057	0.09	0.006	0.001	0.036	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/02/82-03/18/97	4	0.55	0.575	1.1	0.1	0.249	0.499	**	**	**	**

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Annual Analysis for 1993 - Station ROMO0314

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/02/82-03/18/97	2	26.5	26.5	27.	26.	0.5	0.707	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	04/04/83-03/18/97	2	6.55	6.55	6.6	6.5	0.005	0.071	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	04/04/83-03/18/97	2	6.547	6.547	6.6	6.5	0.005	0.071	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/04/83-03/18/97	2	0.284	0.284	0.316	0.251	0.002	0.046	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	06/02/82-03/18/97	2	6.695	6.695	6.85	6.54	0.048	0.219	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/02/82-03/18/97	2	6.668	6.668	6.85	6.54	0.05	0.223	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/02/82-03/18/97	2	0.215	0.215	0.288	0.141	0.011	0.104	**	**	**	**
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	06/29/82-03/18/97	2	0.14	0.14	0.15	0.13	0.	0.014	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/02/82-03/18/97	2	2.75	2.75	2.9	2.6	0.045	0.212	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/02/82-03/18/97	2	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/02/82-03/18/97	2	1.085	1.085	1.16	1.01	0.011	0.106	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/02/82-03/18/97	2	0.26	0.26	0.27	0.25	0.	0.014	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/02/82-03/18/97	2	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/02/82-03/18/97	2	3.05	3.05	3.3	2.8	0.125	0.354	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/04/83-12/10/96	2	0.08	0.08	0.11	0.05	0.002	0.042	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/04/83-03/18/97	2	2.55	2.55	2.9	2.2	0.245	0.495	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/04/83-05/04/93	2	45.6	45.6	63.2	28.	619.52	24.89	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/01/82-05/04/93	2	6.5	6.5	7.	6.	0.5	0.707	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	04/04/83-03/18/97	2	0.045	0.045	0.06	0.03	0.	0.021	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/02/82-03/18/97	2	0.6	0.6	0.7	0.5	0.02	0.141	**	**	**	**

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Annual Analysis for 1994 - Station ROMO0314

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/02/82-12/05/95	3	5.	4.833	5.5	4.	0.583	0.764	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/02/82-03/18/97	3	20.	21.	24.	19.	7.	2.646	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/04/83-03/18/97	3	17.	16.667	17.	16.	0.333	0.577	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	04/04/83-03/18/97	3	6.6	6.6	6.7	6.5	0.01	0.1	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	04/04/83-03/18/97	3	6.6	6.592	6.7	6.5	0.01	0.1	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/04/83-03/18/97	3	0.251	0.256	0.316	0.2	0.003	0.058	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	06/02/82-03/18/97	3	6.38	6.473	6.74	6.3	0.055	0.234	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/02/82-03/18/97	3	6.38	6.436	6.74	6.3	0.057	0.239	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/02/82-03/18/97	3	0.417	0.367	0.501	0.182	0.027	0.165	**	**	**	**
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	06/29/82-03/18/97	3	0.11	0.113	0.12	0.11	0.	0.006	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/02/82-03/18/97	3	2.	2.	2.2	1.8	0.04	0.2	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/02/82-03/18/97	3	0.4	0.367	0.4	0.3	0.003	0.058	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/02/82-03/18/97	3	0.99	0.957	1.04	0.84	0.011	0.104	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/02/82-03/18/97	3	0.22	0.217	0.26	0.17	0.002	0.045	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/02/82-03/18/97	3	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/02/82-03/18/97	3	2.5	2.4	2.6	2.1	0.07	0.265	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/04/83-03/18/97	3	2.	2.133	2.8	1.6	0.373	0.611	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	04/04/83-03/18/97	3	0.04	0.047	0.1	0.	0.003	0.05	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/02/82-03/18/97	3	0.3	0.367	0.8	0.	0.163	0.404	**	**	**	**

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Annual Analysis for 1995 - Station ROMO0314

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/02/82-12/05/95	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/02/82-03/18/97	2	21.	21.	25.	17.	32.	5.657	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/04/83-03/18/97	2	22.	22.	30.	14.	128.	11.314	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	04/04/83-03/18/97	2	6.45	6.45	6.6	6.3	0.045	0.212	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	04/04/83-03/18/97	2	6.425	6.425	6.6	6.3	0.046	0.215	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/04/83-03/18/97	2	0.376	0.376	0.501	0.251	0.031	0.177	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	06/02/82-03/18/97	2	6.5	6.5	6.68	6.32	0.065	0.255	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/02/82-03/18/97	2	6.464	6.464	6.68	6.32	0.067	0.26	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/02/82-03/18/97	2	0.344	0.344	0.479	0.209	0.036	0.191	**	**	**	**
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	06/29/82-03/18/97	2	0.11	0.11	0.14	0.08	0.002	0.042	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/02/82-03/18/97	2	2.3	2.3	2.8	1.8	0.5	0.707	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/02/82-03/18/97	2	0.4	0.4	0.5	0.3	0.02	0.141	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/02/82-03/18/97	2	1.34	1.34	1.81	0.87	0.442	0.665	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/02/82-03/18/97	2	0.285	0.285	0.3	0.27	0.	0.021	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/02/82-03/18/97	2	0.5	0.5	0.8	0.2	0.18	0.424	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/02/82-03/18/97	2	3.1	3.1	4.3	1.9	2.88	1.697	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/04/83-03/18/97	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	04/04/83-03/18/97	2	0.23	0.23	0.43	0.03	0.08	0.283	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/02/82-03/18/97	2 ##	0.35	0.35	0.7	0.	0.245	0.495	**	**	**	**

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Annual Analysis for 1996 - Station ROMO0314

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/02/82-03/18/97	4	18.5	18.5	20.	17.	1.667	1.291	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/04/83-03/18/97	4	15.5	15.5	16.	15.	0.333	0.577	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	04/04/83-03/18/97	4	6.2	6.175	6.3	6.	0.016	0.126	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	04/04/83-03/18/97	4	6.2	6.161	6.3	6.	0.016	0.127	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/04/83-03/18/97	4	0.631	0.691	1.	0.501	0.046	0.215	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	06/02/82-03/18/97	4	6.235	6.258	6.43	6.13	0.016	0.127	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/02/82-03/18/97	4	6.234	6.244	6.43	6.13	0.016	0.128	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/02/82-03/18/97	4	0.583	0.57	0.741	0.372	0.024	0.154	**	**	**	**
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	06/29/82-03/18/97	4	0.095	0.095	0.12	0.07	0.	0.021	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/02/82-03/18/97	4	1.95	2.05	2.4	1.9	0.057	0.238	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/02/82-03/18/97	4	0.35	0.35	0.4	0.3	0.003	0.058	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/02/82-03/18/97	4	0.92	0.95	1.15	0.81	0.027	0.165	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/02/82-03/18/97	4	0.215	0.208	0.22	0.18	0.	0.019	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/02/82-03/18/97	4	0.15	0.15	0.2	0.1	0.003	0.058	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/02/82-03/18/97	4	2.2	2.175	2.4	1.9	0.049	0.222	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/04/83-12/10/96	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	04/04/83-03/18/97	4	0.03	0.033	0.04	0.03	0.	0.005	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/02/82-03/18/97	4	0.55	0.675	1.3	0.3	0.203	0.45	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1997 - Station ROMO0314

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/02/82-03/18/97	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/04/83-03/18/97	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	04/04/83-03/18/97	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	04/04/83-03/18/97	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/04/83-03/18/97	1	0.316	0.316	0.316	0.316	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	06/02/82-03/18/97	1	6.76	6.76	6.76	6.76	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1997 - Station ROMO0314

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/02/82-03/18/97	1	6.76	6.76	6.76	6.76	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/02/82-03/18/97	1	0.174	0.174	0.174	0.174	0.	0.	**	**	**	**
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	06/29/82-03/18/97	1	0.11	0.11	0.11	0.11	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/02/82-03/18/97	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/02/82-03/18/97	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/02/82-03/18/97	1	1.27	1.27	1.27	1.27	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/02/82-03/18/97	1	0.18	0.18	0.18	0.18	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/02/82-03/18/97	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/02/82-03/18/97	1	1.9	1.9	1.9	1.9	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/04/83-03/18/97	1	2.3	2.3	2.3	2.3	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	04/04/83-03/18/97	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/02/82-03/18/97	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

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Seasonal Analysis for Season #1: 6/10 to 10/31 - Station ROMO0314

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/02/82-12/05/95	38	6.8	7.155	14.	3.	6.915	2.63	3.5	6.	8.625	11.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/02/82-03/18/97	40	11.	11.	19.	7.	5.744	2.397	8.	9.	12.75	14.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/04/83-03/18/97	32	11.	11.875	20.	8.	7.21	2.685	9.	10.	13.75	15.7
00403	PH, LAB, STANDARD UNITS SU	04/04/83-03/18/97	20	6.65	6.77	7.6	6.1	0.139	0.373	6.31	6.525	7.05	7.38
00403	CONVERTED PH, LAB, STANDARD UNITS	04/04/83-03/18/97	20	6.647	6.638	7.6	6.1	0.157	0.397	6.31	6.525	7.05	7.38
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/04/83-03/18/97	20	0.225	0.23	0.794	0.025	0.033	0.182	0.042	0.091	0.3	0.491
00406	PH, FIELD, STANDARD UNITS SU	06/02/82-03/18/97	39	6.5	6.481	6.9	5.8	0.044	0.21	6.3	6.3	6.62	6.8
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/02/82-03/18/97	39	6.5	6.425	6.9	5.8	0.047	0.218	6.3	6.3	6.62	6.8
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/02/82-03/18/97	39	0.316	0.376	1.585	0.126	0.059	0.242	0.158	0.24	0.501	0.501
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	06/29/82-03/18/97	32	0.04	0.037	0.06	0.02	0.	0.008	0.03	0.03	0.04	0.047
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	06/02/82-12/08/92	30	0.007	0.008	0.023	0.003	0.	0.005	0.003	0.003	0.01	0.013
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	06/02/82-03/18/97	38	0.003	0.006	0.02	0.003	0.	0.006	0.003	0.003	0.006	0.02
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	04/04/83-03/18/97	11	1.8	1.791	2.9	0.9	0.509	0.713	0.92	1.1	2.4	2.88
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/02/82-03/18/97	38	1.1	1.132	1.8	0.7	0.054	0.233	0.8	1.	1.3	1.5
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/02/82-03/18/97	38	0.2	0.253	2.3	0.1	0.118	0.343	0.19	0.2	0.2	0.21
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/02/82-03/18/97	38	0.4	0.422	0.78	0.3	0.009	0.095	0.319	0.365	0.5	0.51
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/02/82-03/18/97	38	0.15	0.151	0.29	0.02	0.002	0.044	0.109	0.128	0.17	0.202
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/02/82-03/18/97	41	0.1	0.148	1.	0.	0.033	0.181	0.02	0.07	0.15	0.3
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/02/82-03/18/97	38	1.4	1.395	2.3	0.9	0.089	0.298	1.1	1.1	1.6	1.8
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/04/83-12/10/96	32	0.08	0.074	0.11	0.	0.001	0.023	0.053	0.07	0.09	0.09
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/04/83-03/18/97	32	1.5	1.578	2.4	0.9	0.104	0.323	1.23	1.4	1.775	2.07
01046	IRON, DISSOLVED (UG/L AS FE)	06/10/83-12/08/92	31	30.	37.032	92.	3.	427.766	20.682	16.2	22.	56.	66.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/04/83-05/04/93	32	1.75	1.988	9.	1.	2.362	1.537	1.	1.	2.075	3.59
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/01/82-05/04/93	28	29.5	33.111	80.	0.05	388.669	19.715	9.005	21.	46.75	63.
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	04/04/83-03/18/97	34	0.02	0.022	0.07	0.001	0.	0.019	0.004	0.008	0.04	0.06
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/02/82-03/18/97	36	0.9	0.936	1.6	0.4	0.093	0.305	0.5	0.8	1.175	1.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 4/10 - Station ROMO0314

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/02/82-12/05/95	25	4.	4.168	5.8	0.	1.213	1.101	3.3	4.	4.9	5.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/02/82-03/18/97	32	20.	20.438	29.	12.	13.996	3.741	16.	18.	23.	25.7
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/04/83-03/18/97	34	20.	20.882	30.	14.	17.38	4.169	16.	17.	24.	27.5
00403	PH, LAB, STANDARD UNITS SU	04/04/83-03/18/97	34	6.5	6.553	7.6	6.1	0.08	0.282	6.2	6.375	6.7	6.85
00403	CONVERTED PH, LAB, STANDARD UNITS	04/04/83-03/18/97	34	6.5	6.482	7.6	6.1	0.085	0.291	6.2	6.375	6.7	6.85
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/04/83-03/18/97	34	0.316	0.33	0.794	0.025	0.031	0.175	0.142	0.2	0.424	0.631
00406	PH, FIELD, STANDARD UNITS SU	06/02/82-03/18/97	34	6.31	6.35	6.78	5.98	0.054	0.232	6.02	6.178	6.508	6.72
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/02/82-03/18/97	34	6.31	6.293	6.78	5.98	0.057	0.239	6.02	6.177	6.507	6.72
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/02/82-03/18/97	34	0.49	0.509	1.047	0.166	0.066	0.257	0.191	0.311	0.665	0.956
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	06/29/82-03/18/97	35	0.12	0.116	0.17	0.07	0.001	0.025	0.086	0.1	0.13	0.16
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	06/02/82-12/08/92	20	0.007	0.008	0.03	0.003	0.	0.006	0.003	0.003	0.009	0.013
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	06/02/82-03/18/97	26	0.003	0.005	0.02	0.	0.	0.004	0.	0.002	0.007	0.009
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	04/04/83-03/18/97	25	1.2	1.276	3.3	0.1	0.415	0.644	0.56	0.85	1.6	2.02
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/02/82-03/18/97	32	2.25	2.275	3.2	1.8	0.122	0.349	1.9	2.	2.4	2.87
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/02/82-03/18/97	32	0.4	0.372	0.5	0.3	0.005	0.068	0.3	0.3	0.4	0.5
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/02/82-03/18/97	32	1.	0.993	1.81	0.7	0.05	0.223	0.718	0.818	1.1	1.249
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/02/82-03/18/97	33	0.25	0.245	0.32	0.17	0.002	0.039	0.184	0.22	0.27	0.306
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/02/82-03/18/97	33	0.2	0.218	0.8	0.1	0.012	0.11	0.2	0.2	0.2	0.26
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/02/82-03/18/97	33	2.4	2.564	4.3	1.9	0.254	0.504	2.	2.2	2.85	3.3
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/04/83-12/10/96	27	0.11	0.101	0.14	0.	0.001	0.034	0.056	0.09	0.13	0.13
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/04/83-03/18/97	28	2.3	2.261	3.4	1.	0.332	0.576	1.47	1.9	2.775	3.01
01046	IRON, DISSOLVED (UG/L AS FE)	06/10/83-12/08/92	11	71.	69.091	92.	40.	306.091	17.495	42.	50.	85.	90.8
01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/04/83-05/04/93	24	17.5	21.55	84.	4.	289.459	17.013	7.5	11.275	27.5	43.5
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/01/82-05/04/93	26	17.5	16.615	30.	7.	39.206	6.261	9.	10.75	20.25	27.6
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	04/04/83-03/18/97	32	0.03	0.053	0.43	0.	0.006	0.08	0.002	0.007	0.07	0.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 4/10 - Station ROMO0314

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/02/82-03/18/97	33	0.5	0.523	1.3	0.	0.143	0.379	0.04	0.2	0.85	1.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/11 to 6/09 - Station ROMO0314

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/02/82-12/05/95	18	4.	4.011	8.	2.	1.561	1.249	2.	3.875	4.05	5.3
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	06/02/82-03/18/97	22	18.	18.182	27.	12.	14.727	3.838	12.3	16.5	19.	25.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/04/83-03/18/97	20	18.	18.9	28.	13.	19.358	4.4	14.	15.	23.	24.9
00403	PH, LAB, STANDARD UNITS SU	04/04/83-03/18/97	15	6.4	6.407	7.	6.	0.089	0.299	6.06	6.1	6.6	6.94
00403	CONVERTED PH, LAB, STANDARD UNITS	04/04/83-03/18/97	15	6.4	6.324	7.	6.	0.097	0.311	6.06	6.1	6.6	6.94
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/04/83-03/18/97	15	0.398	0.475	1.	0.1	0.076	0.275	0.116	0.251	0.794	0.877
00406	PH, FIELD, STANDARD UNITS SU	06/02/82-03/18/97	22	6.28	6.259	6.85	5.81	0.044	0.21	6.003	6.1	6.385	6.47
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/02/82-03/18/97	22	6.28	6.213	6.85	5.81	0.046	0.215	6.003	6.1	6.385	6.47
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/02/82-03/18/97	22	0.525	0.612	1.549	0.141	0.088	0.296	0.341	0.412	0.794	0.993
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	06/29/82-03/18/97	19	0.09	0.094	0.16	0.03	0.002	0.044	0.03	0.04	0.13	0.16
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	06/02/82-12/08/92	11	0.007	0.009	0.023	0.003	0.	0.006	0.003	0.007	0.013	0.022
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	06/02/82-03/18/97	17	0.003	0.007	0.02	0.	0.	0.006	0.002	0.003	0.009	0.02
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	04/04/83-03/18/97	6	2.5	2.15	3.8	0.5	1.515	1.231	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/02/82-03/18/97	22	2.	1.982	2.8	1.4	0.162	0.402	1.4	1.575	2.3	2.54
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/02/82-03/18/97	22	0.3	0.414	2.4	0.2	0.202	0.45	0.2	0.3	0.4	0.47
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/02/82-03/18/97	22	0.775	0.796	1.16	0.4	0.063	0.251	0.44	0.518	1.	1.1
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/02/82-03/18/97	22	0.25	0.25	0.32	0.16	0.002	0.045	0.18	0.218	0.29	0.314
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/02/82-03/18/97	22	0.2	0.2	0.6	0.1	0.011	0.107	0.1	0.1	0.2	0.3
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/02/82-03/18/97	22	2.1	2.114	2.8	1.6	0.102	0.32	1.7	1.9	2.4	2.57
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/04/83-12/10/96	19	0.09	0.092	0.17	0.05	0.001	0.025	0.07	0.08	0.11	0.11
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/04/83-03/18/97	20	2.25	2.33	2.9	1.7	0.136	0.369	1.9	2.	2.7	2.8
01046	IRON, DISSOLVED (UG/L AS FE)	06/10/83-12/08/92	8	39.	53.625	97.	32.	703.696	26.527	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	04/04/83-05/04/93	19	15.	23.389	98.	1.	649.121	25.478	1.3	4.5	31.	63.2
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/01/82-05/04/93	14	69.	56.929	90.	6.	936.533	30.603	7.5	18.5	78.5	88.
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	04/04/83-03/18/97	21	0.04	0.044	0.12	0.004	0.001	0.033	0.005	0.02	0.06	0.11
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	06/02/82-03/18/97	22	0.55	0.672	1.4	0.09	0.199	0.446	0.1	0.3	1.1	1.34

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: ROMO0315

NPS Station ID: ROMO0315
LAT/LON: 40.292309/-105.656531
Agency: 11NPSWRD
Date Created: 06/30/99
Location: MIDDLE OF THE LOCH AT THE SURFACE
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): ROMO_JB_LOCHLS
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MCHENRYS PEAK CO 7.5' (TOPOGRAPHICAL) SERIES QUADRANGLE. THE SITE IS AT THE MIDDLE OF THE LOCH AT THE SURFACE AND IS LOCATED IN ROCKY MOUNTAIN NATIONAL PARK. DATA WERE COLLECTED FOR THE LOCH VALE WATERSHED STUDY; A LONG TERM MONITORING STUDY FOR THE NATIONAL ATMOSPHERIC DEPOSITION PROGRAM/NATIONAL ACID PRECIPITATION ASSESSMENT PROGRAM (NADP/NAPAP). THE NADP/NAPAP MONITORS WATER QUALITY OF SENSITIVE ENVIRONMENTS FOR CHANGES DUE TO ACID PRECIPITATION. JILL BARON IS THE PROJECT CONTACT FOR THE STUDY AT THE NATURAL RESOURCES ECOLOGY LABORATORY AT COLORADO STATE UNIVERSITY IN FORT COLLINS CO 80525 (TEL. 970-491-1968). FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0315

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/02/82-12/23/97	92	3.65	4.337	13.	0.	12.72	3.566	0.	1.	6.725	9.85
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/11/82-12/23/97	109	16.	15.257	26.	7.	21.822	4.671	9.	11.	19.	21.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/07/82-12/23/97	100	15.	16.28	30.	4.	24.729	4.973	10.	12.25	20.75	23.
00403	PH, LAB, STANDARD UNITS SU	12/07/82-12/23/97	81	6.5	6.56	7.7	5.6	0.15	0.387	6.12	6.3	6.8	7.1
00403	CONVERTED PH, LAB, STANDARD UNITS	12/07/82-12/23/97	81	6.5	6.405	7.7	5.6	0.174	0.418	6.12	6.3	6.8	7.1
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/82-12/23/97	81	0.316	0.394	2.512	0.02	0.152	0.39	0.079	0.158	0.501	0.762
00406	PH, FIELD, STANDARD UNITS SU	05/11/82-12/23/97	110	6.3	6.329	7.	5.45	0.075	0.273	6.003	6.14	6.5	6.689
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/11/82-12/23/97	110	6.3	6.241	7.	5.45	0.082	0.287	6.003	6.14	6.5	6.689
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/11/82-12/23/97	110	0.501	0.575	3.548	0.1	0.196	0.443	0.205	0.316	0.724	0.993
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	06/29/82-12/23/97	96	0.06	0.069	0.16	0.01	0.001	0.036	0.03	0.04	0.1	0.12
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/11/82-12/08/92	71	0.007	0.008	0.026	0.003	0.	0.006	0.003	0.003	0.01	0.016
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	05/11/82-12/23/97	101	0.003	0.006	0.03	0.	0.	0.006	0.	0.003	0.009	0.02
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	02/08/83-12/23/97	63	1.3	1.589	4.8	0.1	0.866	0.931	0.64	1.	1.9	2.9
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/11/82-12/23/97	112	1.65	1.679	3.	0.7	0.299	0.547	1.	1.2	2.1	2.37
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/11/82-12/23/97	112	0.3	0.277	0.5	0.1	0.008	0.09	0.2	0.2	0.3	0.4
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/11/82-12/23/97	112	0.6	0.695	1.81	0.2	0.103	0.321	0.35	0.4	0.968	1.1
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/11/82-12/23/97	112	0.21	0.208	0.44	0.09	0.005	0.068	0.13	0.16	0.24	0.297
00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/11/82-12/23/97	114	0.2	0.176	0.6	0.	0.01	0.098	0.07	0.1	0.2	0.3
00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/11/82-12/23/97	112	2.	2.013	4.	0.8	0.421	0.649	1.13	1.4	2.4	2.9

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: ROMO0315

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/07/82-12/10/96	92	0.08	0.086	0.2	0.	0.001	0.031	0.06	0.07	0.11	0.12
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/21/82-12/23/97	99	2.	2.171	4.2	0.	0.768	0.876	1.2	1.5	2.8	3.4
01046	IRON, DISSOLVED (UG/L AS FE)	12/07/82-02/22/93	75	51.	50.56	100.	13.	657.277	25.637	19.2	28.	69.	90.4
01056	MANGANESE, DISSOLVED (UG/L AS MN)	12/07/82-05/04/93	91	4.8	6.342	49.	1.	45.407	6.738	1.	1.5	9.	13.
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/01/82-05/04/93	74	24.5	32.866	92.	0.05	553.746	23.532	11.	16.	41.75	72.5
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	04/04/83-12/23/97	102	0.025	0.04	0.4	0.	0.003	0.057	0.003	0.009	0.043	0.07
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/11/82-12/23/97	110	0.95	0.984	3.1	0.	0.263	0.513	0.4	0.7	1.3	1.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0315

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	81	0	0.00	22	0	0.00	42	0	0.00	17	0	0.00			
		Other-Lo Lim.	6.5	81	41	0.51	22	5	0.23	42	21	0.50	17	15	0.88			
00406	PH, FIELD	Fresh Chronic	9.	110	0	0.00	43	0	0.00	41	0	0.00	26	0	0.00			
		Other-Lo Lim.	6.5	110	88	0.80	43	29	0.67	41	34	0.83	26	25	0.96			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	71	0	0.00	32	0	0.00	26	0	0.00	13	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	114	0	0.00	43	0	0.00	45	0	0.00	26	0	0.00			
		Drinking Water	250.	114	0	0.00	43	0	0.00	45	0	0.00	26	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	112	0	0.00	41	0	0.00	45	0	0.00	26	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	92	0	0.00	34	0	0.00	36	0	0.00	22	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	110	0	0.00	40	0	0.00	44	0	0.00	26	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1982 - Station ROMO0315

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/02/82-12/23/97	7	10.	9.143	13.	5.	11.143	3.338	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/11/82-12/23/97	11	16.	14.636	21.	10.	16.855	4.105	10.	10.	18.	20.6
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/07/82-12/23/97	2	23.5	23.5	24.	23.	0.5	0.707	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	12/07/82-12/23/97	2	6.5	6.5	6.6	6.4	0.02	0.141	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	12/07/82-12/23/97	2	6.489	6.489	6.6	6.4	0.02	0.142	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/82-12/23/97	2	0.325	0.325	0.398	0.251	0.011	0.104	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	05/11/82-12/23/97	11	6.26	6.164	6.62	5.45	0.113	0.336	5.516	5.89	6.37	6.588
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/11/82-12/23/97	11	6.26	6.025	6.62	5.45	0.134	0.367	5.516	5.89	6.37	6.588
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/11/82-12/23/97	11	0.55	0.945	3.548	0.24	0.926	0.962	0.261	0.427	1.288	3.17
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	06/29/82-12/23/97	2	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	05/11/82-12/23/97	11	0.003	0.006	0.02	0.003	0.	0.007	0.003	0.003	0.003	0.02
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/11/82-12/23/97	11	1.2	1.282	2.2	0.7	0.3	0.547	0.7	0.8	1.6	2.2
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/11/82-12/23/97	11	0.2	0.264	0.4	0.2	0.007	0.081	0.2	0.2	0.3	0.4
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/11/82-12/23/97	11	0.48	0.526	1.	0.33	0.052	0.228	0.334	0.35	0.6	0.98
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/11/82-12/23/97	11	0.14	0.168	0.26	0.09	0.004	0.064	0.092	0.11	0.24	0.258
00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/11/82-12/23/97	11	0.2	0.269	0.6	0.06	0.038	0.194	0.068	0.1	0.4	0.6
00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/11/82-12/23/97	11	1.8	1.991	3.	1.4	0.379	0.616	1.4	1.4	2.5	3.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/07/82-12/10/96	2	0.165	0.165	0.2	0.13	0.002	0.049	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/21/82-12/23/97	3	3.7	3.333	3.7	2.6	0.403	0.635	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	12/07/82-02/22/93	2	37.	37.	43.	31.	72.	8.485	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	12/07/82-05/04/93	2	1.	1.	1.	1.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/01/82-05/04/93	2	0.055	0.055	0.06	0.05	0.	0.007	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/11/82-12/23/97	11	1.	1.264	2.5	0.5	0.375	0.612	0.58	0.9	1.4	2.46

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station ROMO0315

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/02/82-12/23/97	16	2.	3.313	12.	0.	13.129	3.623	0.	0.625	6.	9.9
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/11/82-12/23/97	16	11.5	13.25	24.	8.	22.733	4.768	8.	9.25	17.	21.2
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/07/82-12/23/97	15	18.	17.6	28.	11.	30.686	5.539	11.	12.	23.	25.6
00403	PH, LAB, STANDARD UNITS SU	12/07/82-12/23/97	15	6.4	6.433	7.1	5.7	0.182	0.427	5.94	6.1	6.9	7.1
00403	CONVERTED PH, LAB, STANDARD UNITS	12/07/82-12/23/97	15	6.4	6.268	7.1	5.7	0.212	0.46	5.94	6.1	6.9	7.1
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/82-12/23/97	15	0.398	0.54	1.995	0.079	0.23	0.479	0.079	0.126	0.794	1.275
00406	PH, FIELD, STANDARD UNITS SU	05/11/82-12/23/97	16	6.4	6.409	7.	5.9	0.102	0.32	5.949	6.15	6.575	6.93
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/11/82-12/23/97	16	6.4	6.309	7.	5.9	0.113	0.336	5.949	6.15	6.575	6.93
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/11/82-12/23/97	16	0.398	0.491	1.259	0.1	0.111	0.334	0.118	0.267	0.721	1.128
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	06/29/82-12/23/97	13	0.05	0.068	0.12	0.03	0.001	0.037	0.034	0.04	0.115	0.12
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	05/11/82-12/23/97	14	0.008	0.008	0.02	0.006	0.	0.004	0.006	0.006	0.01	0.015
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/11/82-12/23/97	15	1.4	1.553	3.	0.7	0.413	0.642	0.88	1.1	2.1	2.58
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/11/82-12/23/97	15	0.3	0.253	0.5	0.1	0.01	0.099	0.1	0.2	0.3	0.38
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/11/82-12/23/97	15	0.5	0.627	1.4	0.2	0.111	0.333	0.32	0.4	1.	1.16
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/11/82-12/23/97	15	0.24	0.24	0.44	0.12	0.01	0.101	0.12	0.15	0.33	0.392
00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/11/82-12/23/97	15	0.1	0.139	0.3	0.02	0.006	0.08	0.038	0.07	0.2	0.24
00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/11/82-12/23/97	15	1.9	1.933	3.2	0.8	0.528	0.727	1.04	1.4	2.4	3.14
00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/07/82-12/10/96	15	0.08	0.077	0.12	0.02	0.001	0.025	0.038	0.06	0.09	0.114
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/21/82-12/23/97	15	1.9	2.12	4.	0.9	0.825	0.908	1.08	1.5	3.1	3.64
01046	IRON, DISSOLVED (UG/L AS FE)	12/07/82-02/22/93	10	42.5	45.8	82.	25.	362.844	19.048	25.2	27.75	61.5	80.1
01056	MANGANESE, DISSOLVED (UG/L AS MN)	12/07/82-05/04/93	15	5.	8.4	49.	1.	142.257	11.927	1.	2.	10.	27.4
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/01/82-05/04/93	2	35.	35.	40.	30.	50.	7.071	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	04/04/83-12/23/97	14	0.07	0.076	0.24	0.004	0.004	0.06	0.004	0.045	0.083	0.195
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/11/82-12/23/97	15	0.9	0.847	1.5	0.3	0.137	0.37	0.36	0.6	1.	1.44

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station ROMO0315

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/02/82-12/23/97	18	5.	4.761	11.	0.	10.306	3.21	0.9	1.	6.9	9.11
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/11/82-12/23/97	17	13.	14.176	21.	9.	14.154	3.762	9.8	11.	18.	20.2
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/07/82-12/23/97	15	15.	16.	24.	10.	16.714	4.088	10.6	13.	19.	22.8
00403	PH, LAB, STANDARD UNITS SU	12/07/82-12/23/97	15	6.8	6.827	7.7	5.8	0.296	0.544	6.04	6.4	7.3	7.64
00403	CONVERTED PH, LAB, STANDARD UNITS	12/07/82-12/23/97	15	6.8	6.529	7.7	5.8	0.391	0.625	6.04	6.4	7.3	7.64
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/82-12/23/97	15	0.158	0.296	1.585	0.02	0.16	0.4	0.023	0.05	0.398	1.013
00406	PH, FIELD, STANDARD UNITS SU	05/11/82-12/23/97	17	6.4	6.382	6.8	5.7	0.075	0.274	5.94	6.3	6.55	6.8
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/11/82-12/23/97	17	6.4	6.29	6.8	5.7	0.084	0.291	5.94	6.3	6.55	6.8
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/11/82-12/23/97	17	0.398	0.513	1.995	0.158	0.187	0.432	0.158	0.284	0.501	1.199
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	06/29/82-12/23/97	10	0.04	0.059	0.16	0.02	0.002	0.046	0.021	0.03	0.095	0.155
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	05/11/82-12/23/97	13	0.006	0.009	0.02	0.003	0.	0.007	0.003	0.003	0.015	0.02
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/11/82-12/23/97	15	1.5	1.573	2.4	1.	0.209	0.457	1.	1.2	2.1	2.22
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/11/82-12/23/97	15	0.3	0.267	0.4	0.2	0.005	0.072	0.2	0.2	0.3	0.4
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/11/82-12/23/97	15	0.5	0.62	1.1	0.4	0.087	0.296	0.4	0.4	1.	1.1
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/11/82-12/23/97	15	0.2	0.204	0.38	0.12	0.004	0.06	0.126	0.17	0.22	0.302
00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/11/82-12/23/97	17	0.1	0.136	0.3	0.	0.007	0.084	0.	0.085	0.2	0.22
00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/11/82-12/23/97	15	1.8	1.807	2.5	1.1	0.215	0.464	1.1	1.4	2.2	2.44
00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/07/82-12/10/96	15	0.07	0.073	0.12	0.	0.001	0.038	0.	0.06	0.11	0.12
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/21/82-12/23/97	15	2.	2.207	3.9	1.5	0.448	0.669	1.5	1.6	2.6	3.36
01046	IRON, DISSOLVED (UG/L AS FE)	12/07/82-02/22/93	13	31.	47.154	99.	18.	971.808	31.174	18.8	21.	78.	97.8
01056	MANGANESE, DISSOLVED (UG/L AS MN)	12/07/82-05/04/93	15	4.	4.933	17.	1.	20.495	4.527	1.	1.	8.	12.8
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/01/82-05/04/93	13	40.	40.769	80.	20.	407.692	20.191	20.	20.	55.	76.
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	04/04/83-12/23/97	18	0.04	0.036	0.07	0.004	0.	0.021	0.006	0.018	0.053	0.061
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/11/82-12/23/97	13	1.3	1.154	1.6	0.4	0.129	0.36	0.52	0.9	1.4	1.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station ROMO0315

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/02/82-12/23/97	14	4.25	3.886	7.5	0.	8.221	2.867	0.	0.875	6.725	7.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/11/82-12/23/97	16	13.	13.25	19.	7.	12.467	3.531	7.7	10.5	15.75	19.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/07/82-12/23/97	16	12.5	13.938	24.	9.	21.796	4.669	9.	9.5	16.75	21.9
00403	PH, LAB, STANDARD UNITS SU	12/07/82-12/23/97	2	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	12/07/82-12/23/97	2	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/82-12/23/97	2	0.251	0.251	0.251	0.251	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	05/11/82-12/23/97	16	6.3	6.281	6.6	5.8	0.046	0.214	5.94	6.125	6.5	6.53
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/11/82-12/23/97	16	6.3	6.228	6.6	5.8	0.049	0.22	5.94	6.125	6.5	6.53
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/11/82-12/23/97	16	0.501	0.591	1.585	0.251	0.113	0.337	0.297	0.316	0.753	1.175
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	06/29/82-12/23/97	16	0.04	0.043	0.11	0.01	0.001	0.024	0.024	0.03	0.048	0.089
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	05/11/82-12/23/97	15	0.003	0.007	0.03	0.	0.	0.008	0.002	0.003	0.009	0.024
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/11/82-12/23/97	16	1.45	1.506	2.4	1.	0.178	0.422	1.	1.125	1.7	2.33
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/11/82-12/23/97	16	0.2	0.244	0.4	0.1	0.008	0.089	0.1	0.2	0.3	0.4
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/11/82-12/23/97	16	0.445	0.522	1.1	0.34	0.044	0.209	0.347	0.385	0.6	0.96
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/11/82-12/23/97	16	0.17	0.186	0.31	0.1	0.004	0.067	0.107	0.133	0.228	0.296
00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/11/82-12/23/97	16	0.1	0.14	0.2	0.07	0.003	0.055	0.077	0.1	0.2	0.2
00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/11/82-12/23/97	16	1.65	1.656	2.3	1.	0.197	0.444	1.07	1.175	2.	2.3
00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/07/82-12/10/96	16	0.08	0.079	0.13	0.04	0.	0.019	0.061	0.07	0.08	0.109
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/21/82-12/23/97	16	1.85	1.944	3.	0.9	0.488	0.699	1.11	1.3	2.575	2.93
01046	IRON, DISSOLVED (UG/L AS FE)	12/07/82-02/22/93	14	39.	40.786	82.	14.	461.72	21.488	14.	19.75	57.25	75.5
01056	MANGANESE, DISSOLVED (UG/L AS MN)	12/07/82-05/04/93	16	1.65	4.856	14.	1.	21.899	4.68	1.	1.05	9.55	12.6
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/01/82-05/04/93	15	30.	42.333	92.	16.	645.952	25.416	17.8	22.	71.	87.8
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	04/04/83-12/23/97	16	0.02	0.03	0.06	0.006	0.	0.018	0.009	0.02	0.04	0.06
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/11/82-12/23/97	16	1.2	1.063	1.6	0.4	0.152	0.39	0.4	0.8	1.3	1.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station ROMO0315

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/02/82-12/23/97	7	4.	4.443	9.	1.4	5.88	2.425	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/11/82-12/23/97	8	14.5	14.	19.	7.	21.714	4.66	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/07/82-12/23/97	8	14.5	14.125	19.	8.	19.268	4.39	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	05/11/82-12/23/97	8	6.3	6.288	6.5	5.9	0.033	0.181	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/11/82-12/23/97	8	6.3	6.249	6.5	5.9	0.034	0.185	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/11/82-12/23/97	8	0.501	0.563	1.259	0.316	0.088	0.297	**	**	**	**
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	06/29/82-12/23/97	8	0.04	0.056	0.1	0.03	0.001	0.031	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	05/11/82-12/23/97	8	0.006	0.008	0.03	0.003	0.	0.009	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/11/82-12/23/97	8	1.55	1.463	2.	0.8	0.206	0.453	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/11/82-12/23/97	8	0.25	0.238	0.3	0.1	0.006	0.074	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/11/82-12/23/97	8	0.45	0.538	0.9	0.3	0.066	0.256	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/11/82-12/23/97	8	0.195	0.194	0.28	0.11	0.003	0.053	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/11/82-12/23/97	8	0.1	0.134	0.2	0.07	0.003	0.056	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/11/82-12/23/97	8	1.75	1.663	2.2	0.9	0.263	0.513	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/07/82-12/10/96	8	0.07	0.079	0.1	0.06	0.	0.016	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/21/82-12/23/97	8	2.2	2.25	3.4	1.	0.886	0.941	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	12/07/82-02/22/93	7	53.	52.857	94.	13.	879.143	29.65	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	12/07/82-05/04/93	8	3.4	4.488	11.	1.	14.127	3.759	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/01/82-05/04/93	7	30.	38.286	72.	14.	480.238	21.914	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	04/04/83-12/23/97	8	0.01	0.012	0.03	0.001	0.	0.01	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/11/82-12/23/97	8	0.9	0.925	1.4	0.5	0.079	0.282	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station ROMO0315

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/02/82-12/23/97	6	6.	6.167	11.	1.5	15.767	3.971	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/11/82-12/23/97	9	12.	14.333	20.	9.	18.75	4.33	9.	10.5	18.5	20.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/07/82-12/23/97	9	14.	15.111	21.	9.	19.861	4.457	9.	11.	19.	21.
00403	PH, LAB, STANDARD UNITS SU	12/07/82-12/23/97	9	6.7	6.667	6.9	6.4	0.035	0.187	6.4	6.5	6.85	6.9
00403	CONVERTED PH, LAB, STANDARD UNITS	12/07/82-12/23/97	9	6.7	6.63	6.9	6.4	0.036	0.191	6.4	6.5	6.85	6.9
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/82-12/23/97	9	0.2	0.234	0.398	0.126	0.011	0.104	0.126	0.142	0.325	0.398
00406	PH, FIELD, STANDARD UNITS SU	05/11/82-12/23/97	9	6.44	6.393	6.68	6.03	0.058	0.24	6.03	6.15	6.64	6.68
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/11/82-12/23/97	9	6.44	6.334	6.68	6.03	0.062	0.248	6.03	6.15	6.64	6.68
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/11/82-12/23/97	9	0.363	0.463	0.933	0.209	0.067	0.26	0.209	0.229	0.709	0.933
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	06/29/82-12/23/97	9	0.05	0.064	0.11	0.04	0.001	0.028	0.04	0.04	0.09	0.11
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	05/11/82-12/23/97	8	0.003	0.006	0.02	0.003	0.	0.006	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/11/82-12/23/97	9	1.4	1.544	2.1	0.9	0.23	0.48	0.9	1.1	2.	2.1
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/11/82-12/23/97	9	0.2	0.244	0.3	0.2	0.003	0.053	0.2	0.2	0.3	0.3
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/11/82-12/23/97	9	0.5	0.609	1.	0.26	0.083	0.288	0.26	0.345	0.9	1.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/11/82-12/23/97	9	0.22	0.201	0.26	0.13	0.002	0.05	0.13	0.155	0.245	0.26
00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/11/82-12/23/97	9	0.2	0.163	0.2	0.08	0.003	0.055	0.08	0.095	0.2	0.2
00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/11/82-12/23/97	9	1.6	1.756	2.4	1.	0.285	0.534	1.	1.25	2.25	2.4
00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/07/82-12/10/96	9	0.09	0.094	0.12	0.07	0.	0.017	0.07	0.08	0.11	0.12
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/21/82-12/23/97	9	2.	2.344	4.	1.3	0.928	0.963	1.3	1.5	3.3	4.
01046	IRON, DISSOLVED (UG/L AS FE)	12/07/82-02/22/93	6	41.5	41.833	82.	14.	628.967	25.079	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	12/07/82-05/04/93	9	3.	4.467	10.	1.	12.073	3.475	1.	1.9	8.4	10.
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/01/82-05/04/93	9	21.	30.	64.	13.	364.5	19.092	13.	17.5	47.	64.
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	04/04/83-12/23/97	9	0.02	0.02	0.04	0.001	0.	0.017	0.001	0.003	0.04	0.04
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/11/82-12/23/97	9	0.9	1.	1.6	0.6	0.098	0.312	0.6	0.75	1.2	1.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station ROMO0315

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/02/82-12/23/97	10	4.45	6.06	11.5	3.	10.103	3.178	3.05	3.725	9.125	11.45
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/11/82-12/23/97	11	15.	15.727	23.	7.	29.818	5.461	7.4	11.	21.	22.8
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/07/82-12/23/97	11	16.	16.	23.	10.	25.	5.	10.	11.	21.	22.8
00403	PH, LAB, STANDARD UNITS SU	12/07/82-12/23/97	11	6.4	6.509	6.9	6.2	0.051	0.226	6.22	6.4	6.6	6.9
00403	CONVERTED PH, LAB, STANDARD UNITS	12/07/82-12/23/97	11	6.4	6.462	6.9	6.2	0.053	0.231	6.22	6.4	6.6	6.9
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/82-12/23/97	11	0.398	0.345	0.631	0.126	0.023	0.152	0.126	0.251	0.398	0.605
00406	PH, FIELD, STANDARD UNITS SU	05/11/82-12/23/97	10	6.11	6.226	6.73	6.03	0.069	0.263	6.031	6.063	6.338	6.726
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/11/82-12/23/97	10	6.109	6.171	6.73	6.03	0.072	0.269	6.031	6.062	6.337	6.726
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/11/82-12/23/97	10	0.778	0.674	0.933	0.186	0.075	0.275	0.188	0.503	0.866	0.931
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	06/29/82-12/23/97	11	0.06	0.069	0.11	0.03	0.001	0.033	0.03	0.03	0.1	0.11
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	05/11/82-12/23/97	11	0.003	0.006	0.02	0.003	0.	0.005	0.003	0.003	0.009	0.018
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/11/82-12/23/97	11	1.8	1.709	2.4	1.	0.289	0.538	1.	1.2	2.3	2.38
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/11/82-12/23/97	11	0.3	0.245	0.4	0.1	0.009	0.093	0.1	0.2	0.3	0.38
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/11/82-12/23/97	11	0.7	0.697	1.1	0.34	0.079	0.281	0.346	0.38	0.93	1.08
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/11/82-12/23/97	11	0.21	0.21	0.36	0.11	0.005	0.073	0.114	0.14	0.25	0.344
00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/11/82-12/23/97	11	0.2	0.185	0.3	0.07	0.006	0.078	0.07	0.1	0.2	0.3
00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/11/82-12/23/97	11	1.9	2.109	3.2	1.1	0.541	0.735	1.12	1.4	2.9	3.14
00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/07/82-12/10/96	11	0.1	0.095	0.14	0.01	0.001	0.036	0.022	0.08	0.11	0.14
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/21/82-12/23/97	11	1.7	2.118	3.6	1.2	0.692	0.832	1.24	1.5	2.9	3.5
01046	IRON, DISSOLVED (UG/L AS FE)	12/07/82-02/22/93	11	61.	63.	93.	25.	544.4	23.332	25.6	50.	83.	92.4
01056	MANGANESE, DISSOLVED (UG/L AS MN)	12/07/82-05/04/93	11	4.6	6.718	15.	1.	27.258	5.221	1.	2.2	12.	14.8
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/01/82-05/04/93	11	24.	35.091	91.	12.	821.491	28.662	13.	18.	36.	91.
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	04/04/83-12/23/97	11	0.01	0.017	0.04	0.001	0.	0.017	0.001	0.003	0.04	0.04
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/11/82-12/23/97	11	1.	0.909	1.2	0.6	0.045	0.212	0.62	0.7	1.1	1.18

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station ROMO0315

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/07/82-12/23/97	3	23.	21.667	24.	18.	10.333	3.215	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	12/07/82-12/23/97	3	6.6	6.533	6.6	6.4	0.013	0.115	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	12/07/82-12/23/97	3	6.6	6.523	6.6	6.4	0.014	0.116	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/82-12/23/97	3	0.251	0.3	0.398	0.251	0.007	0.085	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	05/11/82-12/23/97	2	6.245	6.245	6.46	6.03	0.092	0.304	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/11/82-12/23/97	2	6.194	6.194	6.46	6.03	0.098	0.313	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/11/82-12/23/97	2	0.64	0.64	0.933	0.347	0.172	0.415	**	**	**	**
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	06/29/82-12/23/97	3	0.12	0.103	0.13	0.06	0.001	0.038	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	05/11/82-12/23/97	2	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/11/82-12/23/97	3	2.5	2.333	2.6	1.9	0.143	0.379	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/11/82-12/23/97	3	0.4	0.367	0.4	0.3	0.003	0.058	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/11/82-12/23/97	3	1.	0.993	1.	0.98	0.	0.012	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/11/82-12/23/97	3	0.24	0.233	0.25	0.21	0.	0.021	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/11/82-12/23/97	3	0.2	0.233	0.3	0.2	0.003	0.058	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/11/82-12/23/97	3	3.	2.833	3.2	2.3	0.223	0.473	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/07/82-12/10/96	3	0.11	0.117	0.13	0.11	0.	0.012	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/21/82-12/23/97	3	1.4	1.3	1.6	0.9	0.13	0.361	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	12/07/82-02/22/93	2	85.	85.	87.	83.	8.	2.828	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	12/07/82-05/04/93	3	16.	18.667	27.	13.	54.333	7.371	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/01/82-05/04/93	3	12.	13.	16.	11.	7.	2.646	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	04/04/83-12/23/97	3	0.006	0.006	0.01	0.003	0.	0.004	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/11/82-12/23/97	3	0.3	0.313	0.6	0.04	0.079	0.28	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station ROMO0315

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/02/82-12/23/97	2	1.75	1.75	2.5	1.	1.125	1.061	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/11/82-12/23/97	3	20.	21.	23.	20.	3.	1.732	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/07/82-12/23/97	3	21.	21.	21.	21.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	12/07/82-12/23/97	3	6.6	6.667	6.9	6.5	0.043	0.208	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	12/07/82-12/23/97	3	6.6	6.636	6.9	6.5	0.045	0.211	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/82-12/23/97	3	0.251	0.231	0.316	0.126	0.009	0.097	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	05/11/82-12/23/97	2	6.295	6.295	6.49	6.1	0.076	0.276	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/11/82-12/23/97	2	6.253	6.253	6.49	6.1	0.08	0.282	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/11/82-12/23/97	2	0.559	0.559	0.794	0.324	0.111	0.333	**	**	**	**
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	06/29/82-12/23/97	3	0.1	0.103	0.12	0.09	0.	0.015	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	05/11/82-12/23/97	3	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/11/82-12/23/97	3	2.3	2.333	2.4	2.3	0.003	0.058	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/11/82-12/23/97	3	0.4	0.367	0.4	0.3	0.003	0.058	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/11/82-12/23/97	3	1.	1.033	1.2	0.9	0.023	0.153	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/11/82-12/23/97	3	0.22	0.22	0.24	0.2	0.	0.02	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/11/82-12/23/97	3	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/11/82-12/23/97	3	2.8	2.7	2.8	2.5	0.03	0.173	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/07/82-12/10/96	3	0.11	0.103	0.11	0.09	0.	0.012	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/21/82-12/23/97	3	2.1	2.3	3.3	1.5	0.84	0.917	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	12/07/82-02/22/93	3	60.	69.	94.	53.	481.	21.932	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	12/07/82-05/04/93	3	6.	6.333	9.	4.	6.333	2.517	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/01/82-05/04/93	3	15.	16.	22.	11.	31.	5.568	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	04/04/83-12/23/97	3	0.006	0.006	0.01	0.003	0.	0.004	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/11/82-12/23/97	3	1.	0.813	1.4	0.04	0.489	0.699	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station ROMO0315

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/02/82-12/23/97	3	2.	1.567	2.2	0.5	0.863	0.929	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/11/82-12/23/97	2	22.	22.	23.	21.	2.	1.414	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/07/82-12/23/97	3	19.	19.	23.	15.	16.	4.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	12/07/82-12/23/97	3	6.8	6.733	6.9	6.5	0.043	0.208	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	12/07/82-12/23/97	3	6.8	6.699	6.9	6.5	0.045	0.212	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/82-12/23/97	3	0.158	0.2	0.316	0.126	0.01	0.102	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	05/11/82-12/23/97	3	6.38	6.317	6.51	6.06	0.054	0.232	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/11/82-12/23/97	3	6.38	6.274	6.51	6.06	0.056	0.237	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/11/82-12/23/97	3	0.417	0.532	0.871	0.309	0.089	0.298	**	**	**	**
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	06/29/82-12/23/97	3	0.09	0.097	0.12	0.08	0.	0.021	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	05/11/82-12/23/97	3	0.009	0.007	0.01	0.003	0.	0.004	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/11/82-12/23/97	3	2.1	2.033	2.5	1.5	0.253	0.503	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/11/82-12/23/97	3	0.3	0.3	0.4	0.2	0.01	0.1	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/11/82-12/23/97	3	0.8	0.867	1.1	0.7	0.043	0.208	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/11/82-12/23/97	3	0.22	0.217	0.25	0.18	0.001	0.035	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/11/82-12/23/97	3	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/11/82-12/23/97	3	2.4	2.367	3.	1.7	0.423	0.651	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/07/82-12/10/96	3	0.1	0.103	0.11	0.1	0.	0.006	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/21/82-12/23/97	3	1.	1.467	2.4	1.	0.653	0.808	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	12/07/82-02/22/93	3	51.	51.333	81.	22.	870.333	29.501	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	12/07/82-05/04/93	3	7.	7.	8.	6.	1.	1.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/01/82-05/04/93	3	10.	9.333	11.	7.	4.333	2.082	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	04/04/83-12/23/97	3	0.02	0.02	0.04	0.001	0.	0.02	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/11/82-12/23/97	3	0.2	0.48	1.2	0.04	0.395	0.629	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station ROMO0315

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/02/82-12/23/97	2	1.	1.	1.	1.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/11/82-12/23/97	2	18.5	18.5	20.	17.	4.5	2.121	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/07/82-12/23/97	3	16.	13.333	20.	4.	69.333	8.327	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	12/07/82-12/23/97	4	6.75	6.85	7.2	6.7	0.057	0.238	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	12/07/82-12/23/97	4	6.747	6.809	7.2	6.7	0.059	0.243	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/82-12/23/97	4	0.179	0.155	0.2	0.063	0.004	0.064	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	05/11/82-12/23/97	2	6.48	6.48	6.63	6.33	0.045	0.212	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/11/82-12/23/97	2	6.455	6.455	6.63	6.33	0.046	0.215	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/11/82-12/23/97	2	0.351	0.351	0.468	0.234	0.027	0.165	**	**	**	**
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	06/29/82-12/23/97	4	0.09	0.087	0.11	0.06	0.	0.021	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	05/11/82-12/23/97	3	0.003	0.004	0.006	0.003	0.	0.002	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/11/82-12/23/97	4	2.	1.95	2.2	1.6	0.07	0.265	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/11/82-12/23/97	4	0.3	0.325	0.4	0.3	0.003	0.05	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/11/82-12/23/97	4	0.9	0.9	1.	0.8	0.007	0.082	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/11/82-12/23/97	4	0.23	0.223	0.23	0.2	0.	0.015	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/11/82-12/23/97	4	0.2	0.25	0.4	0.2	0.01	0.1	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/11/82-12/23/97	4	2.7	2.575	2.8	2.1	0.103	0.32	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/07/82-12/10/96	4	0.105	0.105	0.13	0.08	0.	0.021	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/21/82-12/23/97	4	2.75	2.525	3.3	1.3	0.936	0.967	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	12/07/82-02/22/93	3	51.	43.667	59.	21.	401.333	20.033	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	12/07/82-05/04/93	4	6.55	6.275	9.	3.	6.302	2.51	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/01/82-05/04/93	4	13.	17.25	40.	3.	252.917	15.903	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	04/04/83-12/23/97	4	0.04	0.122	0.4	0.008	0.035	0.186	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/11/82-12/23/97	4	1.25	1.125	1.9	0.1	0.763	0.873	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station ROMO0315

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/11/82-12/23/97	2	24.	24.	26.	22.	8.	2.828	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	12/07/82-12/23/97	2	5.95	5.95	6.3	5.6	0.245	0.495	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	12/07/82-12/23/97	2	5.822	5.822	6.3	5.6	0.278	0.527	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/82-12/23/97	2	1.507	1.507	2.512	0.501	2.021	1.422	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	05/11/82-12/23/97	2	6.83	6.83	6.84	6.82	0.	0.014	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/11/82-12/23/97	2	6.83	6.83	6.84	6.82	0.	0.014	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/11/82-12/23/97	2	0.148	0.148	0.151	0.145	0.	0.005	**	**	**	**
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	06/29/82-12/23/97	2	0.085	0.085	0.09	0.08	0.	0.007	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/11/82-12/23/97	2	2.45	2.45	2.8	2.1	0.245	0.495	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/11/82-12/23/97	2	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/11/82-12/23/97	2	1.015	1.015	1.15	0.88	0.036	0.191	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/11/82-12/23/97	2	0.27	0.27	0.31	0.23	0.003	0.057	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/11/82-12/23/97	2	0.25	0.25	0.3	0.2	0.005	0.071	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/11/82-12/23/97	2	3.1	3.1	3.6	2.6	0.5	0.707	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/07/82-12/10/96	2	0.085	0.085	0.11	0.06	0.001	0.035	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/21/82-12/23/97	2	3.3	3.3	4.2	2.4	1.62	1.273	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	12/07/82-02/22/93	1	100.	100.	100.	100.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	12/07/82-05/04/93	2	13.15	13.15	19.2	7.1	73.205	8.556	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/01/82-05/04/93	2	44.5	44.5	76.	13.	1984.5	44.548	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	04/04/83-12/23/97	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/11/82-12/23/97	2	2.3	2.3	3.1	1.5	1.28	1.131	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station ROMO0315

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/02/82-12/23/97	2	1.5	1.5	2.	1.	0.5	0.707	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/11/82-12/23/97	3	20.	19.667	23.	16.	12.333	3.512	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/07/82-12/23/97	3	17.	16.	18.	13.	7.	2.646	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	12/07/82-12/23/97	3	6.4	6.433	6.8	6.1	0.123	0.351	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	12/07/82-12/23/97	3	6.4	6.346	6.8	6.1	0.135	0.367	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/82-12/23/97	3	0.398	0.45	0.794	0.158	0.103	0.321	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	05/11/82-12/23/97	3	6.45	6.36	6.72	5.91	0.17	0.412	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/11/82-12/23/97	3	6.45	6.228	6.72	5.91	0.196	0.443	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/11/82-12/23/97	3	0.355	0.592	1.23	0.191	0.312	0.559	**	**	**	**
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	06/29/82-12/23/97	3	0.11	0.09	0.12	0.04	0.002	0.044	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	05/11/82-12/23/97	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/11/82-12/23/97	3	2.2	2.033	2.3	1.6	0.143	0.379	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/11/82-12/23/97	3	0.4	0.367	0.4	0.3	0.003	0.058	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/11/82-12/23/97	3	0.88	0.863	1.09	0.62	0.055	0.235	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/11/82-12/23/97	3	0.22	0.273	0.4	0.2	0.012	0.11	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/11/82-12/23/97	3	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/11/82-12/23/97	3	2.7	2.5	2.9	1.9	0.28	0.529	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/21/82-12/23/97	3	1.8	1.9	2.2	1.7	0.07	0.265	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	04/04/83-12/23/97	3	0.11	0.11	0.22	0.	0.012	0.11	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/11/82-12/23/97	3	0.8	0.7	1.3	0.	0.43	0.656	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1995 - Station ROMO0315

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/02/82-12/23/97	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/11/82-12/23/97	3	18.	19.667	24.	17.	14.333	3.786	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/07/82-12/23/97	3	15.	19.333	30.	13.	86.333	9.292	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	12/07/82-12/23/97	3	6.3	6.267	6.3	6.2	0.003	0.058	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	12/07/82-12/23/97	3	6.3	6.264	6.3	6.2	0.003	0.058	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/82-12/23/97	3	0.501	0.544	0.631	0.501	0.006	0.075	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	05/11/82-12/23/97	3	6.28	6.377	6.64	6.21	0.053	0.231	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/11/82-12/23/97	3	6.28	6.34	6.64	6.21	0.055	0.235	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/11/82-12/23/97	3	0.525	0.457	0.617	0.229	0.041	0.203	**	**	**	**
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	06/29/82-12/23/97	3	0.11	0.107	0.14	0.07	0.001	0.035	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	05/11/82-12/23/97	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/11/82-12/23/97	3	2.	2.2	2.7	1.9	0.19	0.436	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/11/82-12/23/97	3	0.3	0.367	0.5	0.3	0.013	0.115	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/11/82-12/23/97	3	1.31	1.347	1.81	0.92	0.199	0.446	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/11/82-12/23/97	3	0.21	0.213	0.27	0.16	0.003	0.055	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/11/82-12/23/97	3	0.2	0.267	0.4	0.2	0.013	0.115	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/11/82-12/23/97	3	2.	2.633	4.	1.9	1.403	1.185	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/21/82-12/23/97	2 ##	1.15	1.15	2.3	0.	2.645	1.626	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	04/04/83-12/23/97	3	0.01	0.09	0.25	0.01	0.019	0.139	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/11/82-12/23/97	3	0.4	0.633	1.5	0.	0.603	0.777	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1996 - Station ROMO0315

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/02/82-12/23/97	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/11/82-12/23/97	4	18.5	18.	19.	16.	2.	1.414	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/07/82-12/23/97	4	15.	15.5	18.	14.	3.	1.732	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1996 - Station ROMO0315

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403	PH, LAB, STANDARD UNITS SU	12/07/82-12/23/97	4	6.2	6.175	6.2	6.1	0.003	0.05	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	12/07/82-12/23/97	4	6.2	6.173	6.2	6.1	0.003	0.05	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/82-12/23/97	4	0.631	0.672	0.794	0.631	0.007	0.082	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	05/11/82-12/23/97	4	6.16	6.193	6.39	6.06	0.02	0.14	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/11/82-12/23/97	4	6.16	6.177	6.39	6.06	0.02	0.141	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/11/82-12/23/97	4	0.692	0.666	0.871	0.407	0.037	0.192	**	**	**	**
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	06/29/82-12/23/97	4	0.105	0.098	0.11	0.07	0.	0.019	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	05/11/82-12/23/97	4 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/11/82-12/23/97	4	2.1	2.075	2.3	1.8	0.049	0.222	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/11/82-12/23/97	4	0.35	0.35	0.4	0.3	0.003	0.058	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/11/82-12/23/97	4	0.975	0.965	1.13	0.78	0.029	0.171	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/11/82-12/23/97	4	0.21	0.208	0.23	0.18	0.	0.021	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/11/82-12/23/97	4	0.15	0.15	0.2	0.1	0.003	0.058	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/11/82-12/23/97	4	2.1	2.1	2.4	1.8	0.067	0.258	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/07/82-12/10/96	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	04/04/83-12/23/97	4	0.03	0.03	0.04	0.02	0.	0.008	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/11/82-12/23/97	4	0.65	0.8	1.6	0.3	0.353	0.594	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1997 - Station ROMO0315

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/02/82-12/23/97	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/11/82-12/23/97	2	20.5	20.5	23.	18.	12.5	3.536	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/07/82-12/23/97	2	18.	18.	21.	15.	18.	4.243	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	12/07/82-12/23/97	2	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	12/07/82-12/23/97	2	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/82-12/23/97	2	0.398	0.398	0.398	0.398	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	05/11/82-12/23/97	2	6.565	6.565	6.68	6.45	0.026	0.163	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/11/82-12/23/97	2	6.55	6.55	6.68	6.45	0.027	0.164	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/11/82-12/23/97	2	0.282	0.282	0.355	0.209	0.011	0.103	**	**	**	**
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	06/29/82-12/23/97	2	0.11	0.11	0.11	0.11	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	05/11/82-12/23/97	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/11/82-12/23/97	2	2.35	2.35	2.7	2.	0.245	0.495	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/11/82-12/23/97	2	0.4	0.4	0.5	0.3	0.02	0.141	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/11/82-12/23/97	2	1.35	1.35	1.47	1.23	0.029	0.17	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/11/82-12/23/97	2	0.22	0.22	0.27	0.17	0.005	0.071	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/11/82-12/23/97	2	0.25	0.25	0.3	0.2	0.005	0.071	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/11/82-12/23/97	2	2.3	2.3	2.7	1.9	0.32	0.566	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/21/82-12/23/97	2	3.3	3.3	4.1	2.5	1.28	1.131	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	04/04/83-12/23/97	2 ##	0.02	0.02	0.04	0.	0.001	0.028	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/11/82-12/23/97	2	1.05	1.05	1.6	0.5	0.605	0.778	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 6/10 to 10/31 - Station ROMO0315

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/02/82-12/23/97	42	6.9	7.286	13.	2.	8.19	2.862	3.15	5.75	9.125	11.35
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/11/82-12/23/97	44	11.	10.932	19.	7.	5.693	2.386	8.	10.	12.	13.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/07/82-12/23/97	34	11.	11.588	18.	8.	4.734	2.176	9.	10.	13.	14.5
00403	PH, LAB, STANDARD UNITS SU	12/07/82-12/23/97	22	6.7	6.786	7.6	6.1	0.149	0.386	6.26	6.575	7.1	7.44
00403	CONVERTED PH, LAB, STANDARD UNITS	12/07/82-12/23/97	22	6.7	6.642	7.6	6.1	0.171	0.413	6.26	6.575	7.1	7.44
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/82-12/23/97	22	0.2	0.228	0.794	0.025	0.037	0.191	0.037	0.079	0.267	0.561
00406	PH, FIELD, STANDARD UNITS SU	05/11/82-12/23/97	43	6.46	6.444	7.	5.45	0.074	0.273	6.208	6.3	6.62	6.772
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/11/82-12/23/97	43	6.46	6.332	7.	5.45	0.087	0.295	6.208	6.3	6.62	6.772
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/11/82-12/23/97	43	0.347	0.465	3.548	0.1	0.293	0.542	0.17	0.24	0.501	0.62
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	06/29/82-12/23/97	33	0.03	0.036	0.06	0.01	0.	0.01	0.03	0.03	0.04	0.05
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/11/82-12/08/92	32	0.007	0.009	0.026	0.003	0.	0.006	0.003	0.003	0.01	0.019
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	05/11/82-12/23/97	41	0.003	0.006	0.02	0.003	0.	0.006	0.003	0.003	0.006	0.02
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	02/08/83-12/23/97	19	1.1	1.363	3.4	0.5	0.566	0.752	0.5	0.8	1.8	2.7
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/11/82-12/23/97	41	1.1	1.12	1.6	0.7	0.052	0.227	0.8	1.	1.25	1.48
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/11/82-12/23/97	41	0.2	0.198	0.3	0.1	0.003	0.052	0.1	0.2	0.2	0.3
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/11/82-12/23/97	41	0.4	0.391	0.57	0.2	0.005	0.073	0.3	0.35	0.405	0.5
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/11/82-12/23/97	41	0.14	0.149	0.31	0.09	0.001	0.038	0.11	0.13	0.165	0.19
00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/11/82-12/23/97	43	0.1	0.129	0.6	0.	0.012	0.108	0.044	0.08	0.2	0.26
00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/11/82-12/23/97	41	1.4	1.38	2.	0.8	0.081	0.284	1.02	1.1	1.6	1.8
00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/07/82-12/10/96	34	0.07	0.072	0.11	0.	0.001	0.023	0.055	0.068	0.083	0.1
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/21/82-12/23/97	35	1.5	1.546	2.6	0.9	0.14	0.374	1.12	1.3	1.7	2.04
01046	IRON, DISSOLVED (UG/L AS FE)	12/07/82-02/22/93	34	28.	34.	82.	13.	308.182	17.555	14.	20.75	50.25	60.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	12/07/82-05/04/93	34	1.45	1.724	4.	1.	0.788	0.888	1.	1.	2.	3.05
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/01/82-05/04/93	30	30.	33.67	80.	0.05	346.94	18.626	13.1	20.75	41.75	60.
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	04/04/83-12/23/97	38	0.02	0.028	0.09	0.001	0.001	0.026	0.003	0.004	0.043	0.071
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/11/82-12/23/97	40	0.9	0.92	1.6	0.4	0.088	0.297	0.51	0.7	1.1	1.39

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 4/10 - Station ROMO0315

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/02/82-12/23/97	30	1.75	1.787	4.9	0.	2.225	1.492	0.	0.375	3.05	3.98
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/11/82-12/23/97	39	19.	19.769	26.	13.	6.709	2.59	17.	18.	21.	23.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/07/82-12/23/97	43	20.	19.628	30.	4.	18.049	4.248	15.	18.	22.	24.
00403	PH, LAB, STANDARD UNITS SU	12/07/82-12/23/97	42	6.55	6.55	7.7	5.6	0.111	0.334	6.2	6.4	6.8	6.9
00403	CONVERTED PH, LAB, STANDARD UNITS	12/07/82-12/23/97	42	6.547	6.427	7.7	5.6	0.127	0.356	6.2	6.4	6.8	6.9
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/82-12/23/97	42	0.284	0.374	2.512	0.02	0.145	0.381	0.126	0.158	0.398	0.631
00406	PH, FIELD, STANDARD UNITS SU	05/11/82-12/23/97	41	6.3	6.317	6.87	5.97	0.054	0.233	6.036	6.135	6.475	6.672
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/11/82-12/23/97	41	6.3	6.263	6.87	5.97	0.057	0.24	6.036	6.135	6.475	6.672
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/11/82-12/23/97	41	0.501	0.546	1.072	0.135	0.064	0.253	0.213	0.335	0.733	0.921
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	06/29/82-12/23/97	42	0.1	0.101	0.16	0.06	0.	0.02	0.073	0.09	0.11	0.12
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/11/82-12/08/92	26	0.007	0.007	0.02	0.003	0.	0.005	0.003	0.003	0.01	0.015
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	05/11/82-12/23/97	37	0.003	0.005	0.02	0.	0.	0.005	0.	0.	0.006	0.01
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	02/08/83-12/23/97	33	1.2	1.221	2.1	0.1	0.22	0.469	0.6	1.	1.4	1.96
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/11/82-12/23/97	45	2.2	2.189	3.	1.5	0.087	0.295	1.8	2.	2.3	2.64
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/11/82-12/23/97	45	0.3	0.351	0.5	0.2	0.004	0.066	0.3	0.3	0.4	0.4
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/11/82-12/23/97	45	1.	1.003	1.81	0.6	0.045	0.212	0.8	0.9	1.1	1.262
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/11/82-12/23/97	45	0.23	0.228	0.36	0.16	0.001	0.037	0.18	0.21	0.245	0.27
00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/11/82-12/23/97	45	0.2	0.221	0.6	0.06	0.007	0.086	0.16	0.2	0.2	0.3
00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/11/82-12/23/97	45	2.5	2.564	4.	1.7	0.237	0.487	1.96	2.2	2.9	3.2
00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/07/82-12/10/96	36	0.11	0.108	0.2	0.	0.001	0.028	0.087	0.1	0.118	0.133
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/21/82-12/23/97	41	2.5	2.471	4.1	0.	0.896	0.946	1.06	1.7	3.3	3.68
01046	IRON, DISSOLVED (UG/L AS FE)	12/07/82-02/22/93	27	61.	66.185	100.	21.	561.772	23.702	29.2	51.	87.	94.4
01056	MANGANESE, DISSOLVED (UG/L AS MN)	12/07/82-05/04/93	35	8.	10.149	49.	1.	69.621	8.344	2.8	6.	12.	15.4
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/01/82-05/04/93	31	18.	17.387	34.	3.	47.378	6.883	10.2	12.	21.	29.4
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	04/04/83-12/23/97	40	0.02	0.043	0.4	0.	0.006	0.077	0.001	0.007	0.04	0.106

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 4/10 - Station ROMO0315

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/11/82-12/23/97	44	0.9	0.95	3.1	0.	0.508	0.712	0.04	0.4	1.4	1.85

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/11 to 6/09 - Station ROMO0315

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/02/82-12/23/97	20	1.	1.97	8.	0.	4.465	2.113	0.	0.625	3.875	4.9
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/11/82-12/23/97	26	16.	15.808	22.	9.	9.282	3.047	12.	13.	17.25	20.3
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/07/82-12/23/97	23	16.	16.957	24.	12.	13.316	3.649	13.	14.	20.	23.
00403	PH, LAB, STANDARD UNITS SU	12/07/82-12/23/97	17	6.3	6.294	7.2	5.7	0.123	0.351	5.78	6.1	6.4	6.96
00403	CONVERTED PH, LAB, STANDARD UNITS	12/07/82-12/23/97	17	6.3	6.184	7.2	5.7	0.136	0.369	5.78	6.1	6.4	6.96
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/82-12/23/97	17	0.501	0.655	1.995	0.063	0.23	0.48	0.113	0.398	0.794	1.667
00406	PH, FIELD, STANDARD UNITS SU	05/11/82-12/23/97	26	6.135	6.158	6.82	5.7	0.059	0.244	5.863	5.978	6.308	6.412
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/11/82-12/23/97	26	6.134	6.096	6.82	5.7	0.063	0.251	5.863	5.977	6.307	6.412
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/11/82-12/23/97	26	0.735	0.801	1.995	0.151	0.185	0.43	0.388	0.493	1.058	1.377
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	06/29/82-12/23/97	21	0.04	0.058	0.12	0.03	0.001	0.03	0.03	0.04	0.085	0.11
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/11/82-12/08/92	13	0.007	0.008	0.02	0.003	0.	0.005	0.003	0.003	0.012	0.017
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	05/11/82-12/23/97	23	0.006	0.009	0.03	0.	0.	0.008	0.003	0.003	0.01	0.026
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	02/08/83-12/23/97	11	2.9	3.082	4.8	1.8	0.656	0.81	1.94	2.7	3.7	4.64
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/11/82-12/23/97	26	1.6	1.677	2.4	1.	0.11	0.331	1.34	1.4	2.	2.13
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/11/82-12/23/97	26	0.3	0.273	0.4	0.1	0.004	0.06	0.2	0.2	0.3	0.3
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/11/82-12/23/97	26	0.57	0.638	1.1	0.4	0.045	0.213	0.4	0.495	0.8	1.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/11/82-12/23/97	26	0.25	0.267	0.44	0.12	0.006	0.075	0.194	0.21	0.315	0.386
00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/11/82-12/23/97	26	0.2	0.175	0.3	0.05	0.003	0.055	0.1	0.1	0.2	0.2
00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/11/82-12/23/97	26	2.	2.054	2.6	1.2	0.116	0.341	1.6	1.8	2.325	2.53
00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/07/82-12/10/96	22	0.07	0.072	0.13	0.01	0.001	0.028	0.026	0.06	0.08	0.117
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/21/82-12/23/97	23	2.4	2.587	4.2	1.2	0.604	0.777	1.74	2.	3.1	3.96
01046	IRON, DISSOLVED (UG/L AS FE)	12/07/82-02/22/93	14	58.	60.643	99.	31.	501.786	22.401	33.	40.	83.5	94.5
01056	MANGANESE, DISSOLVED (UG/L AS MN)	12/07/82-05/04/93	22	6.95	7.423	19.2	1.	20.734	4.553	1.53	4.45	10.	15.5
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/01/82-05/04/93	13	71.	67.923	92.	20.	459.744	21.442	28.	55.	88.	91.6
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	04/04/83-12/23/97	24	0.04	0.053	0.24	0.	0.003	0.05	0.008	0.03	0.06	0.11
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/11/82-12/23/97	26	1.2	1.138	1.6	0.4	0.104	0.323	0.64	0.975	1.4	1.53

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: ROMO0316

NPS Station ID: ROMO0316
LAT/LON: 40.292416/-105.659557
Agency: 11NPSWRD
Date Created: 06/30/99
Location: INLET STREAM TO LITTLE LOCH CREEK
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_JB_LOCHCKI
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MCHENRYS PEAK CO 7.5' (TOPOGRAPHICAL) SERIES QUADRANGLE. THE SITE IS AT THE INLET STREAM TO LITTLE LOCH CREEK AND IS LOCATED IN ROCKY MOUNTAIN NATIONAL PARK. DATA WERE COLLECTED FOR THE LOCH VALE WATERSHED STUDY; A LONG TERM MONITORING STUDY FOR THE NATIONAL ATMOSPHERIC DEPOSITION PROGRAM/NATIONAL ACID PRECIPITATION ASSESSMENT PROGRAM (NADP/NAPAP). THE NADP/NAPAP MONITORS WATER QUALITY OF SENSITIVE ENVIRONMENTS FOR CHANGES DUE TO ACID PRECIPITATION. JILL BARON IS THE PROJECT CONTACT FOR THE STUDY AT THE NATURAL RESOURCES ECOLOGY LABORATORY AT COLORADO STATE UNIVERSITY IN FORT COLLINS CO 80525 (TEL. 970-491-1968). FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0316

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/24/82-10/21/82	4	9.	7.875	11.	2.5	16.396	4.049	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/14/82-10/21/82	6	13.5	15.	21.	11.	19.6	4.427	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/14/82-10/21/82	6	5.9	6.012	6.67	5.49	0.234	0.484	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/14/82-10/21/82	6	5.897	5.831	6.67	5.49	0.274	0.523	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/14/82-10/21/82	6	1.267	1.476	3.236	0.214	1.479	1.216	**	**	**	**
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	07/14/82-09/21/82	3	0.06	0.053	0.06	0.04	0.	0.012	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/14/82-09/21/82	5	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/14/82-10/21/82	6	0.003	0.006	0.02	0.003	0.	0.007	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/14/82-10/21/82	6	1.1	1.083	1.5	0.8	0.07	0.264	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/14/82-10/21/82	6	0.3	0.267	0.3	0.2	0.003	0.052	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/14/82-10/21/82	6	0.6	0.602	0.68	0.52	0.003	0.057	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/14/82-10/21/82	6	0.19	0.2	0.26	0.15	0.002	0.047	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/14/82-10/21/82	6	0.25	0.233	0.3	0.1	0.007	0.082	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/14/82-10/21/82	6	1.4	1.433	1.7	1.3	0.023	0.151	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/21/82-10/21/82	1	4.2	4.2	4.2	4.2	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/14/82-09/20/82	2	0.15	0.15	0.2	0.1	0.005	0.071	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/14/82-10/21/82	6	0.1	0.097	0.1	0.09	0.	0.005	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0316

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00406	PH, FIELD	Fresh Chronic	9.	6	0	0.00	6	0	0.00									
		Other-Lo Lim.	6.5	6	4	0.67	6	4	0.67									
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	5	0	0.00	5	0	0.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	6	0	0.00	6	0	0.00									
		Drinking Water	250.	6	0	0.00	6	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	6	0	0.00	6	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	6	0	0.00	6	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0317

NPS Station ID: ROMO0317
LAT/LON: 40.292504/-105.656670
Agency: 112WRD
Date Created: 10/31/87
Location: THE LOCH HYPOLIMNION - LOCH VALE
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 401733105392403
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 5.50
On/Off RF1:
RF3 Index: 10190006045400.55
RF3 Mile Point: 0.55
Distance from RF3: 0.05
On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0317

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/04/83-04/04/83	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00065	STAGE, STREAM (FEET)	05/03/83-05/03/83	1	0.76	0.76	0.76	0.76	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/30/83-10/11/84	7	4.7	4.471	4.9	3.5	0.246	0.496	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	03/06/84-07/30/86	22	5.	5.886	10.	0.5	8.332	2.886	3.	3.75	9.25	10.
00300	OXYGEN, DISSOLVED MG/L	07/20/87-07/20/87	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/23/88-04/28/92	10	6.22	6.251	6.75	6.03	0.041	0.202	6.038	6.125	6.31	6.709
00400	CONVERTED PH (STANDARD UNITS)	08/23/88-04/28/92	10	6.216	6.217	6.75	6.03	0.042	0.205	6.038	6.125	6.31	6.709
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/23/88-04/28/92	10	0.608	0.607	0.933	0.178	0.046	0.213	0.206	0.49	0.75	0.918
00403	PH, LAB, STANDARD UNITS SU	04/22/85-12/11/90	9	6.7	6.822	7.2	6.6	0.082	0.286	6.6	6.6	7.2	7.2
00403	CONVERTED PH, LAB, STANDARD UNITS	04/22/85-12/11/90	9	6.7	6.752	7.2	6.6	0.087	0.296	6.6	6.6	7.2	7.2
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/22/85-12/11/90	9	0.2	0.177	0.251	0.063	0.008	0.088	0.063	0.063	0.251	0.251
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/04/83-05/03/83	2	130.	130.	130.	130.	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	04/04/83-04/28/92	59	0.014	0.022	0.14	0.001	0.001	0.024	0.002	0.006	0.031	0.051
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/17/84-04/28/92	49	0.002	0.003	0.009	0.001	0.	0.002	0.001	0.002	0.003	0.005
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	04/04/83-04/28/92	40	0.135	0.137	0.32	0.005	0.008	0.088	0.021	0.06	0.208	0.25
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/17/84-04/28/92	49	0.2	0.139	0.3	0.003	0.006	0.08	0.02	0.07	0.2	0.2
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/13/84-01/22/85	9	0.01	0.009	0.02	0.005	0.	0.005	0.005	0.005	0.01	0.02
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/04/83-04/28/92	60 ##	0.002	0.008	0.05	0.001	0.	0.015	0.001	0.001	0.006	0.047
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	08/23/88-02/26/89	2	3.5	3.5	6.	1.	12.5	3.536	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/04/83-04/04/83	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/23/88-08/23/88	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/20/84-06/20/84	1	230.	230.	230.	230.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/23/88-08/23/88	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	04/04/83-04/04/83	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/04/83-04/28/92	58	0.2	0.213	1.	0.07	0.015	0.122	0.098	0.2	0.2	0.3
00945	SULFATE, TOTAL (MG/L AS SO4)	04/04/83-04/28/92	58	2.	1.895	3.	0.9	0.554	0.744	1.	1.	2.	3.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/23/88-08/23/88	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/23/88-08/23/88	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	04/04/83-04/28/92	25	140.	182.04	650.	48.	17317.04	131.594	85.2	120.	180.	376.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/23/88-08/23/88	1	3.3	3.3	3.3	3.3	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/23/88-12/11/90	4	13.5	18.	35.	10.	135.333	11.633	**	**	**	**
71825	ACIDITY, TOTAL (MG/L AS H)	08/02/83-04/28/92	44	0.03	0.035	0.08	0.005	0.	0.018	0.02	0.02	0.05	0.06
71870	BROMIDE (MG/L AS BR)	04/04/83-04/28/92	57 ##	0.005	0.01	0.025	0.	0.	0.007	0.005	0.005	0.01	0.025
72015	DEPTH TO TOP OF SAMPLE INTERVAL (FT BELOW LSD)	08/30/83-08/26/87	33	12.8	11.976	14.7	4.	5.879	2.425	8.64	11.5	13.1	13.38
72019	DEPTH TO WATER LEVEL (FEET BELOW LAND SURFACE)	01/20/87-04/07/87	3	8.	7.88	9.14	6.5	1.753	1.324	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0317

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	1	1.00	1	1	1.00									
00400	PH	Fresh Chronic	9.	10	0	0.00	1	0	0.00	8	0	0.00	1	0	0.00			
		Other-Lo Lim.	6.5	10	9	0.90	1	0	0.00	8	8	1.00	1	1	1.00			
00403	PH, LAB	Fresh Chronic	9.	9	0	0.00	3	0	0.00	3	0	0.00	3	0	0.00			
		Other-Lo Lim.	6.5	9	0	0.00	3	0	0.00	3	0	0.00	3	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	49	0	0.00	20	0	0.00	20	0	0.00	9	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	40	0	0.00	15	0	0.00	18	0	0.00	7	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	49	0	0.00	20	0	0.00	20	0	0.00	9	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	58	0	0.00	24	0	0.00	23	0	0.00	11	0	0.00			
		Drinking Water	250.	58	0	0.00	24	0	0.00	23	0	0.00	11	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	58	0	0.00	24	0	0.00	23	0	0.00	11	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1983 - Station ROMO0317

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	04/04/83-04/28/92	5	0.033	0.038	0.076	0.002	0.001	0.028	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/04/83-04/28/92	6 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station ROMO0317

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	04/04/83-04/28/92	11	0.016	0.017	0.034	0.003	0.	0.012	0.003	0.007	0.028	0.034
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/04/83-04/28/92	11 ##	0.005	0.006	0.02	0.001	0.	0.005	0.001	0.002	0.006	0.017

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station ROMO0317

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	04/04/83-04/28/92	9	0.019	0.021	0.047	0.01	0.	0.012	0.01	0.013	0.029	0.047
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/04/83-04/28/92	9	0.004	0.004	0.01	0.001	0.	0.004	0.001	0.001	0.008	0.01

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station ROMO0317

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	04/04/83-04/28/92	8	0.015	0.024	0.058	0.006	0.	0.02	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/04/83-04/28/92	8	0.002	0.002	0.006	0.001	0.	0.002	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station ROMO0317

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	04/04/83-04/28/92	9	0.011	0.018	0.076	0.001	0.001	0.023	0.001	0.005	0.022	0.076
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/04/83-04/28/92	9 ##	0.001	0.002	0.011	0.001	0.	0.004	0.001	0.001	0.001	0.011

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station ROMO0317

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	04/04/83-04/28/92	9	0.015	0.028	0.14	0.001	0.002	0.044	0.001	0.002	0.031	0.14
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/04/83-04/28/92	9 ##	0.001	0.001	0.003	0.001	0.	0.001	0.001	0.001	0.001	0.003

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station ROMO0317

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	04/04/83-04/28/92	4	0.005	0.005	0.008	0.002	0.	0.003	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/04/83-04/28/92	4	0.003	0.003	0.003	0.001	0.	0.001	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station ROMO0317

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	04/04/83-04/28/92	2 ##	0.03	0.03	0.059	0.001	0.002	0.041	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/04/83-04/28/92	2 ##	0.001	0.001	0.002	0.001	0.	0.001	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station ROMO0317

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	04/04/83-04/28/92	2	0.025	0.025	0.044	0.005	0.001	0.028	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/04/83-04/28/92	2	0.002	0.002	0.003	0.001	0.	0.001	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 6/10 to 10/31 - Station ROMO0317

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	04/04/83-04/28/92	26	0.011	0.015	0.051	0.001	0.	0.013	0.001	0.006	0.027	0.033
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/17/84-04/28/92	20	0.002	0.003	0.007	0.001	0.	0.002	0.001	0.002	0.003	0.006
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/17/84-04/28/92	20	0.2	0.164	0.3	0.08	0.004	0.06	0.1	0.1	0.2	0.2
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/04/83-04/28/92	26 ##	0.001	0.008	0.05	0.001	0.	0.016	0.001	0.001	0.006	0.05
00940	CHLORIDE,TOTAL IN WATER MG/L	04/04/83-04/28/92	24	0.2	0.19	1.	0.07	0.033	0.181	0.07	0.1	0.2	0.2
00945	SULFATE, TOTAL (MG/L AS SO4)	04/04/83-04/28/92	24	1.	1.204	2.	0.9	0.174	0.418	1.	1.	1.	2.
71825	ACIDITY, TOTAL (MG/L AS H)	08/02/83-04/28/92	17	0.02	0.024	0.05	0.005	0.	0.01	0.009	0.02	0.03	0.034
71870	BROMIDE (MG/L AS BR)	04/04/83-04/28/92	23 ##	0.005	0.01	0.025	0.	0.	0.008	0.005	0.005	0.01	0.025

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 4/10 - Station ROMO0317

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	04/04/83-04/28/92	22	0.018	0.03	0.14	0.001	0.001	0.035	0.001	0.005	0.052	0.076
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/17/84-04/28/92	20	0.002	0.002	0.009	0.001	0.	0.002	0.001	0.001	0.003	0.004
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/17/84-04/28/92	20	0.075	0.107	0.2	0.003	0.007	0.081	0.007	0.033	0.2	0.2
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/04/83-04/28/92	23	0.002	0.007	0.05	0.001	0.	0.014	0.001	0.001	0.004	0.034
00940	CHLORIDE,TOTAL IN WATER MG/L	04/04/83-04/28/92	23	0.2	0.235	0.3	0.2	0.002	0.049	0.2	0.2	0.3	0.3
00945	SULFATE, TOTAL (MG/L AS SO4)	04/04/83-04/28/92	23	3.	2.522	3.	2.	0.261	0.511	2.	2.	3.	3.
71825	ACIDITY, TOTAL (MG/L AS H)	08/02/83-04/28/92	18	0.04	0.039	0.07	0.005	0.	0.018	0.019	0.028	0.05	0.07
71870	BROMIDE (MG/L AS BR)	04/04/83-04/28/92	23 ##	0.005	0.01	0.025	0.005	0.	0.007	0.005	0.005	0.01	0.023

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/11 to 6/09 - Station ROMO0317

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	04/04/83-04/28/92	11	0.025	0.024	0.047	0.003	0.	0.015	0.004	0.009	0.034	0.046
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/17/84-04/28/92	9	0.002	0.003	0.007	0.001	0.	0.002	0.001	0.002	0.004	0.007
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/17/84-04/28/92	9	0.2	0.156	0.3	0.02	0.01	0.098	0.02	0.04	0.2	0.3
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/04/83-04/28/92	11	0.003	0.008	0.05	0.001	0.	0.014	0.001	0.001	0.008	0.042
00940	CHLORIDE,TOTAL IN WATER MG/L	04/04/83-04/28/92	11	0.2	0.218	0.3	0.2	0.002	0.04	0.2	0.2	0.2	0.3
00945	SULFATE, TOTAL (MG/L AS SO4)	04/04/83-04/28/92	11	2.	2.091	3.	2.	0.091	0.302	2.	2.	2.	2.8
71825	ACIDITY, TOTAL (MG/L AS H)	08/02/83-04/28/92	9	0.05	0.046	0.08	0.02	0.	0.021	0.02	0.025	0.06	0.08
71870	BROMIDE (MG/L AS BR)	04/04/83-04/28/92	11 ##	0.01	0.011	0.025	0.005	0.	0.007	0.005	0.005	0.02	0.024

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: ROMO0318

NPS Station ID: ROMO0318
LAT/LON: 40.292504/-105.656670
Agency: 112WRD
Date Created: 10/31/87
Location: THE LOCH INLET - LOCH VALE
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 401733105392400
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 9.50
On/Off RF1:
RF3 Index: 10190006045500.00
RF3 Mile Point: 0.00
Distance from RF3: 0.07
On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0318

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/04/83-04/25/83	2	0.5	0.5	1.	0.	0.5	0.707	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/02/83-07/21/87	18	10.5	12.278	27.	3.	51.389	7.169	3.	7.	16.25	25.2
00065	STAGE, STREAM (FEET)	04/28/83-08/30/83	5	1.05	1.216	1.82	0.76	0.258	0.508	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	06/12/84-06/12/84	1	2.8	2.8	2.8	2.8	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	06/12/84-07/30/86	18	5.	6.222	20.	1.	27.83	5.275	2.8	3.	6.25	20.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/20/88-10/16/90	2	11.	11.	15.	7.	32.	5.657	**	**	**	**
00400	PH (STANDARD UNITS)	08/26/87-07/16/91	12	6.46	6.479	6.85	6.11	0.04	0.2	6.176	6.353	6.588	6.826
00400	CONVERTED PH (STANDARD UNITS)	08/26/87-07/16/91	12	6.46	6.438	6.85	6.11	0.042	0.205	6.176	6.353	6.587	6.826
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/26/87-07/16/91	12	0.347	0.364	0.776	0.141	0.028	0.167	0.15	0.259	0.444	0.684
00403	PH, LAB, STANDARD UNITS SU	06/03/85-09/24/87	5	6.6	6.64	6.7	6.6	0.003	0.055	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/03/85-09/24/87	5	6.6	6.637	6.7	6.6	0.003	0.055	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/03/85-09/24/87	5	0.251	0.231	0.251	0.2	0.001	0.028	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/04/83-05/03/83	7	85.	94.286	160.	73.	877.905	29.629	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	04/04/83-09/29/92	60	0.01	0.017	0.083	0.001	0.	0.021	0.001	0.003	0.021	0.058
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/25/84-09/29/92	45	0.002	0.002	0.007	0.001	0.	0.002	0.001	0.001	0.003	0.005
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	04/04/83-09/29/92	47	0.27	0.274	0.43	0.11	0.008	0.09	0.158	0.19	0.36	0.394
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/25/84-09/29/92	45	0.2	0.249	0.4	0.1	0.006	0.079	0.16	0.2	0.3	0.34
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/12/84-10/11/84	10	## 0.005	0.007	0.01	0.005	0.	0.002	0.005	0.005	0.01	0.01
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/04/83-09/29/92	61	## 0.002	0.014	0.19	0.001	0.001	0.03	0.001	0.001	0.005	0.05
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/24/87-10/16/90	2	1.1	1.1	1.3	0.9	0.08	0.283	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/04/83-04/11/83	2	6.	6.	6.	6.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/16/90-10/16/90	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/16/90-10/16/90	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/26/87-07/20/88	3	0.41	0.393	0.47	0.3	0.007	0.086	**	**	**	**
00931	SODIUM ADSORPTION RATIO	04/04/83-04/11/83	2	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/24/87-10/16/90	2	0.16	0.16	0.18	0.14	0.001	0.028	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/04/83-09/29/92	60	0.2	0.158	0.8	0.06	0.011	0.103	0.07	0.1	0.2	0.2
00945	SULFATE, TOTAL (MG/L AS SO4)	04/04/83-09/29/92	59	2.	1.522	3.	0.9	0.292	0.54	1.	1.	2.	2.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/26/87-10/16/90	3	0.09	0.09	0.1	0.08	0.	0.01	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/16/90-10/16/90	1	2.1	2.1	2.1	2.1	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	04/25/83-10/16/90	9	100.	105.	400.	10.	14531.	120.545	10.	21.5	125.	400.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/26/87-09/24/87	2	## 0.8	0.8	1.1	0.5	0.18	0.424	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	05/03/86-10/16/90	6	38.	63.833	140.	11.	3622.967	60.191	**	**	**	**
71825	ACIDITY, TOTAL (MG/L AS H)	08/02/83-09/29/92	41	0.02	0.029	0.1	0.005	0.	0.019	0.02	0.02	0.03	0.048
71870	BROMIDE (MG/L AS BR)	04/04/83-09/29/92	60	## 0.005	0.012	0.2	0.	0.001	0.026	0.005	0.005	0.01	0.025
72015	DEPTH TO TOP OF SAMPLE INTERVAL (FT BELOW LSD)	08/30/83-06/12/84	2	1.3	1.3	1.6	1.	0.18	0.424	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0318

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	12	0	0.00	12	0	0.00									
		Other-Lo Lim.	6.5	12	8	0.67	12	8	0.67									
00403	PH, LAB	Fresh Chronic	9.	5	0	0.00	4	0	0.00				1	0	0.00			
		Other-Lo Lim.	6.5	5	0	0.00	4	0	0.00				1	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	45	0	0.00	41	0	0.00				4	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	47	0	0.00	37	0	0.00	1	0	0.00	9	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	45	0	0.00	41	0	0.00				4	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	60	0	0.00	49	0	0.00	1	0	0.00	10	0	0.00			
		Drinking Water	250.	60	0	0.00	49	0	0.00	1	0	0.00	10	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	59	0	0.00	48	0	0.00	1	0	0.00	10	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	3	0	0.00	3	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 6/10 to 10/31 - Station ROMO0318

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	04/04/83-09/29/92	50	0.006	0.014	0.083	0.001	0.	0.018	0.001	0.002	0.02	0.038
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/25/84-09/29/92	41	0.002	0.002	0.006	0.001	0.	0.001	0.001	0.001	0.003	0.005
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	04/04/83-09/29/92	37	0.26	0.255	0.43	0.11	0.008	0.089	0.15	0.18	0.325	0.386
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/25/84-09/29/92	41	0.2	0.244	0.4	0.1	0.007	0.081	0.12	0.2	0.3	0.38
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/04/83-09/29/92	50 ##	0.001	0.01	0.19	0.001	0.001	0.029	0.001	0.001	0.005	0.046
00940	CHLORIDE,TOTAL IN WATER MG/L	04/04/83-09/29/92	49	0.1	0.148	0.8	0.06	0.013	0.113	0.06	0.1	0.2	0.2
00945	SULFATE, TOTAL (MG/L AS SO4)	04/04/83-09/29/92	48	1.	1.392	2.	0.9	0.248	0.498	1.	1.	2.	2.
71825	ACIDITY, TOTAL (MG/L AS H)	08/02/83-09/29/92	37	0.02	0.025	0.05	0.005	0.	0.01	0.018	0.02	0.03	0.04
71870	BROMIDE (MG/L AS BR)	04/04/83-09/29/92	49 ##	0.005	0.007	0.025	0.	0.	0.006	0.005	0.005	0.005	0.01

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 4/10 - Station ROMO0318

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	04/04/83-09/29/92	1	0.059	0.059	0.059	0.059	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	04/04/83-09/29/92	1	0.36	0.36	0.36	0.36	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/04/83-09/29/92	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/04/83-09/29/92	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	04/04/83-09/29/92	1	2.	2.	2.	2.	0.	0.	**	**	**	**
71870	BROMIDE (MG/L AS BR)	04/04/83-09/29/92	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/11 to 6/09 - Station ROMO0318

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	04/04/83-09/29/92	9	0.014	0.026	0.076	0.002	0.001	0.027	0.002	0.011	0.046	0.076
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/25/84-09/29/92	4	0.002	0.003	0.007	0.001	0.	0.003	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	04/04/83-09/29/92	9	0.35	0.342	0.43	0.25	0.003	0.057	0.25	0.295	0.385	0.43
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/25/84-09/29/92	4	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/04/83-09/29/92	10 ##	0.05	0.031	0.05	0.001	0.001	0.025	0.001	0.001	0.05	0.05
00940	CHLORIDE,TOTAL IN WATER MG/L	04/04/83-09/29/92	10	0.2	0.2	0.2	0.2	0.	0.	0.2	0.2	0.2	0.2
00945	SULFATE, TOTAL (MG/L AS SO4)	04/04/83-09/29/92	10	2.	2.1	3.	2.	0.1	0.316	2.	2.	2.	2.9
71825	ACIDITY, TOTAL (MG/L AS H)	08/02/83-09/29/92	4	0.07	0.065	0.1	0.02	0.002	0.041	**	**	**	**
71870	BROMIDE (MG/L AS BR)	04/04/83-09/29/92	10 ##	0.025	0.037	0.2	0.005	0.003	0.058	0.005	0.009	0.025	0.183

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: ROMO0319

NPS Station ID: ROMO0319
LAT/LON: 40.292504/-105.656670
Agency: 112WRD
Date Created: 10/31/87
Location: THE LOCH METALIMNION - LOCH VALE
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 401733105392402
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 5.50
On/Off RF1:
RF3 Index: 10190006045400.55
RF3 Mile Point: 0.55
Distance from RF3: 0.05
On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0319

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/04/83-04/04/83	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00065	STAGE, STREAM (FEET)	05/03/83-05/03/83	1	0.76	0.76	0.76	0.76	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	09/17/85-09/17/85	1	4.2	4.2	4.2	4.2	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	04/17/84-06/03/85	6	7.	7.167	10.	5.	4.567	2.137	**	**	**	**
00400	PH (STANDARD UNITS)	11/13/88-11/13/88	1	6.58	6.58	6.58	6.58	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	11/13/88-11/13/88	1	6.58	6.58	6.58	6.58	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/13/88-11/13/88	1	0.263	0.263	0.263	0.263	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	04/04/83-05/03/83	2	125.	125.	130.	120.	50.	7.071	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	04/04/83-11/13/88	52	0.013	0.017	0.06	0.001	0.	0.014	0.002	0.007	0.025	0.038
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/17/84-11/13/88	43	0.002	0.002	0.007	0.001	0.	0.001	0.001	0.001	0.003	0.005
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	04/04/83-11/13/88	13	0.12	0.142	0.32	0.02	0.006	0.078	0.044	0.08	0.19	0.284
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/17/84-11/13/88	43	0.2	0.159	0.3	0.01	0.006	0.08	0.064	0.1	0.2	0.3
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/03/84-01/22/85	10 ##	0.005	0.008	0.02	0.005	0.	0.005	0.005	0.005	0.01	0.019
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	04/04/83-11/13/88	53	0.002	0.008	0.05	0.001	0.	0.015	0.001	0.001	0.005	0.044
00900	HARDNESS, TOTAL (MG/L AS CACO3)	04/04/83-04/04/83	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	04/04/83-04/04/83	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	04/04/83-11/13/88	10	0.2	0.206	0.3	0.06	0.007	0.081	0.064	0.175	0.3	0.3
00945	SULFATE, TOTAL (MG/L AS SO4)	04/04/83-11/13/88	10	2.	1.6	2.	1.	0.267	0.516	1.	1.	2.	2.
01046	IRON, DISSOLVED (UG/L AS FE)	04/04/83-02/21/88	13	130.	130.	200.	100.	1033.333	32.146	100.	100.	145.	192.
71825	ACIDITY, TOTAL (MG/L AS H)	08/02/83-11/13/88	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
71870	BROMIDE (MG/L AS BR)	04/04/83-11/13/88	10 ##	0.018	0.018	0.05	0.005	0.	0.015	0.005	0.005	0.025	0.048
72015	DEPTH TO TOP OF SAMPLE INTERVAL (FT BELOW LSD)	08/02/83-08/26/87	38	6.6	6.587	9.	2.	1.928	1.389	4.98	6.4	7.125	8.02
72019	DEPTH TO WATER LEVEL (FEET BELOW LAND SURFACE)	01/20/87-04/07/87	3	5.	5.237	5.71	5.	0.168	0.41	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0319

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00				1	0	0.00						
		Other-Lo Lim.	6.5	1	0	0.00				1	0	0.00						
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	43	0	0.00	22	0	0.00	13	0	0.00	8	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	13	0	0.00	6	0	0.00	5	0	0.00	2	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	43	0	0.00	22	0	0.00	13	0	0.00	8	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: ROMO0319

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	10	0	0.00	5	0	0.00	3	0	0.00	2	0	0.00			
		Drinking Water	250.	10	0	0.00	5	0	0.00	3	0	0.00	2	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	10	0	0.00	5	0	0.00	3	0	0.00	2	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0320

NPS Station ID: ROMO0320
LAT/LON: 40.292504/-105.656670
Agency: 112WRD
Date Created: 10/31/87
Location: THE LOCH OUTLET - LOCH VALE
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 401733105392404
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 5.50
On/Off RF1:
RF3 Index: 10190006045400.55
RF3 Mile Point: 0.55
Distance from RF3: 0.05
On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0320

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/02/88-09/17/91	4	8.75	7.575	12.3	0.5	28.423	5.331	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/02/83-05/12/92	108	11.	14.056	136.	1.	245.156	15.657	2.	5.	19.75	29.
00065	STAGE, STREAM (FEET)	04/24/87-04/14/92	37	0.51	7.38	70.	0.	411.555	20.287	0.08	0.165	1.11	50.8
00080	COLOR (PLATINUM-COBALT UNITS)	04/25/84-07/30/86	61	8.	9.082	25.	3.	26.177	5.116	4.	5.	10.	15.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/11/87-05/12/92	29	13.	11.3	24.	0.7	67.132	8.193	0.7	0.95	16.5	23.
00400	PH (STANDARD UNITS)	08/18/87-10/27/92	144	6.36	6.373	7.08	5.54	0.098	0.314	5.925	6.23	6.58	6.745
00400	CONVERTED PH (STANDARD UNITS)	08/18/87-10/27/92	144	6.36	6.249	7.08	5.54	0.114	0.337	5.925	6.23	6.58	6.745
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/18/87-10/27/92	144	0.437	0.563	2.884	0.083	0.274	0.523	0.18	0.263	0.589	1.192
00403	PH, LAB, STANDARD UNITS SU	04/30/85-10/27/92	36	6.6	6.55	7.9	5.8	0.186	0.431	5.97	6.325	6.7	6.9
00403	CONVERTED PH, LAB, STANDARD UNITS	04/30/85-10/27/92	36	6.6	6.383	7.9	5.8	0.215	0.463	5.97	6.325	6.7	6.9
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/30/85-10/27/92	36	0.251	0.414	1.585	0.013	0.15	0.387	0.126	0.2	0.475	1.078
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/08/83-02/08/83	1	120.	120.	120.	120.	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/02/83-10/27/92	332	0.012	0.017	0.11	0.001	0.	0.017	0.001	0.005	0.024	0.041
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/17/84-10/27/92	303	0.002	0.004	0.195	0.001	0.	0.012	0.001	0.001	0.004	0.006
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	02/08/83-10/27/92	288	0.22	0.211	0.98	0.005	0.01	0.102	0.079	0.16	0.27	0.32
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/17/84-10/27/92	304	0.2	0.207	1.	0.003	0.011	0.105	0.1	0.2	0.3	0.3
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/12/84-10/24/84	16 ##	0.005	0.007	0.02	0.005	0.	0.004	0.005	0.005	0.01	0.013
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	02/08/83-10/27/92	333 ##	0.001	0.004	0.15	0.001	0.	0.011	0.001	0.001	0.003	0.006
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	08/18/87-10/27/92	23	0.9	0.913	3.2	0.1	0.504	0.71	0.1	0.3	1.2	1.66
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/08/83-05/20/86	2	6.	6.	7.	5.	2.	1.414	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/02/88-06/09/92	13 ##	0.05	0.615	2.1	0.05	0.646	0.804	0.05	0.05	1.25	2.06
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	02/12/91-05/12/92	9 ##	0.005	0.038	0.3	0.005	0.01	0.098	0.005	0.005	0.005	0.3
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/14/87-05/12/92	17	0.35	21.546	360.	0.1	7607.034	87.218	0.1	0.1	0.79	72.88
00931	SODIUM ADSORPTION RATIO	02/08/83-05/20/86	2	0.15	0.15	0.2	0.1	0.005	0.071	**	**	**	**
00932	SODIUM, PERCENT	05/20/86-05/20/86	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/18/87-07/07/92	20	0.16	0.157	0.72	0.005	0.026	0.162	0.005	0.013	0.215	0.268
00940	CHLORIDE,TOTAL IN WATER MG/L	02/08/83-10/27/92	334	0.2	0.19	0.7	0.005	0.006	0.078	0.09	0.2	0.2	0.3
00945	SULFATE, TOTAL (MG/L AS SO4)	02/08/83-10/27/92	334	2.	1.809	4.	0.005	0.458	0.676	1.	1.	2.	3.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	04/29/88-10/27/92	26	0.08	0.069	0.2	0.005	0.003	0.053	0.005	0.005	0.103	0.12
00955	SILICA, DISSOLVED (MG/L AS SI02)	12/08/87-05/12/92	12 ##	0.05	0.717	2.6	0.05	1.036	1.018	0.05	0.05	1.725	2.51
01046	IRON, DISSOLVED (UG/L AS FE)	02/08/83-10/27/92	60	100.	84.433	200.	1.5	3219.928	56.744	3.1	29.	127.5	149.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/18/87-05/12/92	15	1.1	1.673	5.6	0.5	2.601	1.613	0.5	0.5	2.	4.64
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	05/20/86-05/20/86	1	8.	8.	8.	8.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	05/12/84-10/27/92	63	100.	69.365	160.	0.5	2749.26	52.433	2.	13.	120.	130.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/20/86-05/20/86	1	18.	18.	18.	18.	0.	0.	**	**	**	**
71825	ACIDITY, TOTAL (MG/L AS H)	08/02/83-10/27/92	294	0.03	0.034	0.2	0.005	0.	0.019	0.02	0.02	0.04	0.05
71870	BROMIDE (MG/L AS BR)	02/08/83-10/27/92	332 ##	0.005	0.021	1.2	0.	0.012	0.108	0.005	0.005	0.005	0.01
72015	DEPTH TO TOP OF SAMPLE INTERVAL (FT BELOW LSD)	08/30/83-06/12/84	3	1.	7.867	22.3	0.3	156.363	12.505	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0320

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	144	0	0.00	67	0	0.00	52	0	0.00	25	0	0.00			
		Other-Lo Lim.	6.5	144	93	0.65	67	25	0.37	52	46	0.88	25	22	0.88			
00403	PH, LAB	Fresh Chronic	9.	36	0	0.00	12	0	0.00	8	0	0.00	16	0	0.00			
		Other-Lo Lim.	6.5	36	17	0.47	12	3	0.25	8	7	0.88	16	7	0.44			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	303	0	0.00	130	0	0.00	78	0	0.00	95	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	288	0	0.00	126	0	0.00	79	0	0.00	83	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	304	0	0.00	131	0	0.00	78	0	0.00	95	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	334	0	0.00	155	0	0.00	79	0	0.00	100	0	0.00			
		Drinking Water	250.	334	0	0.00	155	0	0.00	79	0	0.00	100	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	334	0	0.00	155	0	0.00	79	0	0.00	100	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	26	0	0.00	12	0	0.00	8	0	0.00	6	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1983 - Station ROMO0320

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/02/83-05/12/92	3	8.	14.333	29.	6.	162.333	12.741	**	**	**	**
00608p	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/02/83-10/27/92	3	0.039	0.034	0.062	0.002	0.001	0.031	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	02/08/83-10/27/92	4	0.16	0.158	0.22	0.09	0.003	0.059	**	**	**	**
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	02/08/83-10/27/92	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	02/08/83-10/27/92	4	0.09	0.113	0.2	0.07	0.004	0.06	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	02/08/83-10/27/92	4	1.	1.5	3.	1.	1.	1.	**	**	**	**
71825p	ACIDITY, TOTAL (MG/L AS H)	08/02/83-10/27/92	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
71870p	BROMIDE (MG/L AS BR)	02/08/83-10/27/92	4 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station ROMO0320

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/02/83-05/12/92	26	21.	22.308	49.	2.	132.782	11.523	6.2	17.5	29.	39.8
00608p	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/02/83-10/27/92	32	0.035	0.036	0.07	0.003	0.	0.016	0.015	0.023	0.045	0.059
00613p	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/17/84-10/27/92	6	0.002	0.003	0.008	0.001	0.	0.003	**	**	**	**
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/17/84-10/27/92	6	0.15	0.151	0.3	0.005	0.011	0.103	**	**	**	**
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	02/08/83-10/27/92	32 ##	0.005	0.006	0.037	0.001	0.	0.006	0.005	0.005	0.005	0.005
00940p	CHLORIDE,TOTAL IN WATER MG/L	02/08/83-10/27/92	30	0.2	0.193	0.3	0.1	0.001	0.037	0.11	0.2	0.2	0.2
00945p	SULFATE, TOTAL (MG/L AS SO4)	02/08/83-10/27/92	30	1.	1.4	3.	1.	0.317	0.563	1.	1.	2.	2.
71870p	BROMIDE (MG/L AS BR)	02/08/83-10/27/92	29 ##	0.005	0.005	0.005	0.	0.	0.001	0.005	0.005	0.005	0.005

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station ROMO0320

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/02/83-05/12/92	16	6.	6.688	13.	2.	9.296	3.049	2.7	5.	8.	12.3
00608p	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/02/83-10/27/92	16	0.022	0.019	0.051	0.001	0.	0.013	0.002	0.007	0.027	0.036
00613p	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/17/84-10/27/92	16	0.002	0.002	0.006	0.001	0.	0.001	0.001	0.002	0.003	0.005
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	02/08/83-10/27/92	2	0.235	0.235	0.26	0.21	0.001	0.035	**	**	**	**
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/17/84-10/27/92	16	0.2	0.193	0.3	0.08	0.002	0.047	0.094	0.2	0.2	0.23
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	02/08/83-10/27/92	16	0.007	0.005	0.01	0.001	0.	0.003	0.001	0.001	0.008	0.009
00940p	CHLORIDE,TOTAL IN WATER MG/L	02/08/83-10/27/92	16	0.2	0.2	0.3	0.1	0.003	0.052	0.1	0.2	0.2	0.3
00945p	SULFATE, TOTAL (MG/L AS SO4)	02/08/83-10/27/92	16	2.	1.806	2.	0.9	0.174	0.417	0.97	2.	2.	2.
71825p	ACIDITY, TOTAL (MG/L AS H)	08/02/83-10/27/92	16	0.02	0.022	0.03	0.02	0.	0.004	0.02	0.02	0.02	0.03
71870p	BROMIDE (MG/L AS BR)	02/08/83-10/27/92	16 ##	0.005	0.006	0.01	0.005	0.	0.002	0.005	0.005	0.005	0.01

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Annual Analysis for 1986 - Station ROMO0320

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/02/83-05/12/92	21	12.	13.571	31.	2.	84.457	9.19	3.	5.5	20.	29.8
00608p	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/02/83-10/27/92	21	0.008	0.009	0.019	0.001	0.	0.006	0.001	0.004	0.015	0.018
00613p	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/17/84-10/27/92	22	0.002	0.002	0.005	0.001	0.	0.002	0.001	0.001	0.004	0.005
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	02/08/83-10/27/92	22	0.155	0.176	0.35	0.1	0.005	0.072	0.1	0.12	0.233	0.301
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/17/84-10/27/92	22	0.2	0.168	0.3	0.1	0.005	0.072	0.1	0.1	0.2	0.3
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	02/08/83-10/27/92	21	0.001	0.001	0.005	0.001	0.	0.001	0.001	0.001	0.002	0.004
00940p	CHLORIDE,TOTAL IN WATER MG/L	02/08/83-10/27/92	22	0.2	0.182	0.4	0.1	0.004	0.066	0.1	0.1	0.2	0.2
00945p	SULFATE, TOTAL (MG/L AS SO4)	02/08/83-10/27/92	22	1.5	1.559	4.	0.9	0.581	0.762	0.9	0.9	2.	2.
71825p	ACIDITY, TOTAL (MG/L AS H)	08/02/83-10/27/92	22	0.03	0.041	0.1	0.005	0.001	0.031	0.01	0.01	0.073	0.094

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Annual Analysis for 1986 - Station ROMO0320

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71870p	BROMIDE (MG/L AS BR)	02/08/83-10/27/92	21	0.01	0.013	0.02	0.005	0.	0.006	0.005	0.01	0.02	0.02

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station ROMO0320

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/02/83-05/12/92	15	11.	11.733	32.	1.	62.067	7.878	1.6	7.	15.	24.8
00400	PH (STANDARD UNITS)	08/18/87-10/27/92	3	6.66	6.543	6.67	6.3	0.044	0.211	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/18/87-10/27/92	3	6.66	6.507	6.67	6.3	0.046	0.215	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/18/87-10/27/92	3	0.219	0.311	0.501	0.214	0.027	0.165	**	**	**	**
00608p	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/02/83-10/27/92	69	0.012	0.013	0.046	0.001	0.	0.011	0.001	0.003	0.02	0.029
00613p	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/17/84-10/27/92	69	0.002	0.003	0.03	0.001	0.	0.004	0.001	0.001	0.003	0.005
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	02/08/83-10/27/92	68	0.23	0.23	0.36	0.14	0.002	0.047	0.16	0.2	0.268	0.291
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/17/84-10/27/92	69	0.2	0.229	0.3	0.1	0.003	0.057	0.2	0.2	0.3	0.3
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	02/08/83-10/27/92	69 ##	0.001	0.003	0.043	0.001	0.	0.006	0.001	0.001	0.002	0.005
00940p	CHLORIDE,TOTAL IN WATER MG/L	02/08/83-10/27/92	69	0.2	0.229	0.3	0.1	0.003	0.052	0.2	0.2	0.3	0.3
00945p	SULFATE, TOTAL (MG/L AS SO4)	02/08/83-10/27/92	69	2.	1.87	4.	1.	0.292	0.54	1.	2.	2.	2.
71825p	ACIDITY, TOTAL (MG/L AS H)	08/02/83-10/27/92	69	0.04	0.037	0.07	0.02	0.	0.012	0.02	0.03	0.045	0.05
71870p	BROMIDE (MG/L AS BR)	02/08/83-10/27/92	69 ##	0.005	0.007	0.02	0.005	0.	0.004	0.005	0.005	0.005	0.01

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station ROMO0320

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/02/83-05/12/92	23	4.	12.826	136.	1.	769.332	27.737	1.	2.	14.	20.8
00400	PH (STANDARD UNITS)	08/18/87-10/27/92	5	6.63	6.588	6.71	6.32	0.024	0.155	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/18/87-10/27/92	5	6.63	6.563	6.71	6.32	0.025	0.157	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/18/87-10/27/92	5	0.234	0.273	0.479	0.195	0.014	0.116	**	**	**	**
00608p	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/02/83-10/27/92	44	0.009	0.018	0.073	0.001	0.	0.018	0.001	0.003	0.035	0.043
00613p	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/17/84-10/27/92	43	0.002	0.002	0.006	0.001	0.	0.001	0.001	0.002	0.003	0.004
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	02/08/83-10/27/92	46	0.165	0.178	0.3	0.11	0.002	0.047	0.12	0.15	0.203	0.253
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/17/84-10/27/92	44	0.2	0.183	0.6	0.03	0.01	0.101	0.1	0.1	0.2	0.3
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	02/08/83-10/27/92	44 ##	0.001	0.001	0.008	0.001	0.	0.002	0.001	0.001	0.002	0.004
00940p	CHLORIDE,TOTAL IN WATER MG/L	02/08/83-10/27/92	46	0.2	0.183	0.4	0.06	0.008	0.09	0.07	0.1	0.225	0.3
00945p	SULFATE, TOTAL (MG/L AS SO4)	02/08/83-10/27/92	46	2.	1.717	3.	1.	0.252	0.502	1.	1.	2.	2.
71825p	ACIDITY, TOTAL (MG/L AS H)	08/02/83-10/27/92	46	0.03	0.037	0.2	0.005	0.001	0.03	0.02	0.02	0.04	0.06
71870p	BROMIDE (MG/L AS BR)	02/08/83-10/27/92	46 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station ROMO0320

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	PH (STANDARD UNITS)	08/18/87-10/27/92	14	6.435	6.43	6.64	6.26	0.012	0.111	6.26	6.34	6.49	6.625
00400	CONVERTED PH (STANDARD UNITS)	08/18/87-10/27/92	14	6.435	6.417	6.64	6.26	0.012	0.111	6.26	6.34	6.49	6.625
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/18/87-10/27/92	14	0.367	0.383	0.55	0.229	0.009	0.095	0.237	0.324	0.457	0.55
00608p	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/02/83-10/27/92	15	0.01	0.012	0.028	0.001	0.	0.009	0.001	0.005	0.02	0.026
00613p	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/17/84-10/27/92	15	0.003	0.016	0.195	0.001	0.002	0.05	0.001	0.002	0.004	0.082
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	02/08/83-10/27/92	15	0.21	0.183	0.34	0.005	0.014	0.12	0.005	0.005	0.29	0.316
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/17/84-10/27/92	15	0.3	0.247	0.3	0.1	0.004	0.064	0.16	0.2	0.3	0.3
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	02/08/83-10/27/92	15	0.001	0.001	0.002	0.001	0.	0.	0.001	0.001	0.001	0.002

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Annual Analysis for 1989 - Station ROMO0320

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00940p	CHLORIDE,TOTAL IN WATER MG/L	02/08/83-10/27/92	15	0.2	0.193	0.2	0.1	0.001	0.026	0.16	0.2	0.2	0.2
00945p	SULFATE, TOTAL (MG/L AS SO4)	02/08/83-10/27/92	15	2.	2.267	3.	2.	0.21	0.458	2.	2.	3.	3.
71825p	ACIDITY, TOTAL (MG/L AS H)	08/02/83-10/27/92	11	0.02	0.023	0.05	0.01	0.	0.013	0.01	0.01	0.03	0.048
71870p	BROMIDE (MG/L AS BR)	02/08/83-10/27/92	15 ##	0.005	0.1	0.73	0.005	0.063	0.252	0.005	0.005	0.005	0.718

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station ROMO0320

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/02/83-05/12/92	2	11.5	11.5	13.	10.	4.5	2.121	**	**	**	**
00400	PH (STANDARD UNITS)	08/18/87-10/27/92	29	6.49	6.389	6.75	5.82	0.079	0.28	5.89	6.19	6.595	6.68
00400	CONVERTED PH (STANDARD UNITS)	08/18/87-10/27/92	29	6.49	6.291	6.75	5.82	0.089	0.298	5.89	6.19	6.595	6.68
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/18/87-10/27/92	29	0.324	0.511	1.514	0.178	0.154	0.392	0.209	0.254	0.648	1.288
00608p	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/02/83-10/27/92	35	0.008	0.015	0.11	0.001	0.	0.022	0.001	0.003	0.013	0.042
00613p	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/17/84-10/27/92	35	0.002	0.003	0.019	0.001	0.	0.004	0.001	0.002	0.003	0.008
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	02/08/83-10/27/92	35	0.26	0.258	0.41	0.005	0.009	0.093	0.166	0.21	0.32	0.372
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/17/84-10/27/92	35	0.2	0.271	1.	0.1	0.022	0.149	0.2	0.2	0.3	0.4
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	02/08/83-10/27/92	35	0.002	0.002	0.008	0.001	0.	0.002	0.001	0.001	0.003	0.005
00940p	CHLORIDE,TOTAL IN WATER MG/L	02/08/83-10/27/92	35	0.2	0.165	0.3	0.09	0.004	0.06	0.096	0.1	0.2	0.2
00945p	SULFATE, TOTAL (MG/L AS SO4)	02/08/83-10/27/92	35	2.	1.857	3.	1.	0.42	0.648	1.	1.	2.	3.
71825p	ACIDITY, TOTAL (MG/L AS H)	08/02/83-10/27/92	35	0.03	0.03	0.1	0.005	0.	0.016	0.02	0.02	0.03	0.05
71870p	BROMIDE (MG/L AS BR)	02/08/83-10/27/92	35 ##	0.005	0.053	0.8	0.005	0.035	0.186	0.005	0.005	0.005	0.051

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station ROMO0320

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/02/83-05/12/92	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/18/87-10/27/92	61	6.32	6.379	7.	5.54	0.129	0.359	5.77	6.195	6.595	6.89
00400	CONVERTED PH (STANDARD UNITS)	08/18/87-10/27/92	61	6.32	6.229	7.	5.54	0.152	0.39	5.77	6.195	6.595	6.89
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/18/87-10/27/92	61	0.479	0.59	2.884	0.1	0.318	0.564	0.129	0.254	0.639	1.7
00608p	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/02/83-10/27/92	60	0.012	0.016	0.079	0.001	0.	0.017	0.001	0.007	0.016	0.038
00613p	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/17/84-10/27/92	60	0.003	0.004	0.021	0.001	0.	0.004	0.001	0.001	0.006	0.008
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	02/08/83-10/27/92	59	0.21	0.199	0.98	0.005	0.026	0.161	0.005	0.05	0.3	0.32
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/17/84-10/27/92	60	0.2	0.181	0.7	0.003	0.018	0.133	0.03	0.05	0.3	0.3
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	02/08/83-10/27/92	60 ##	0.001	0.005	0.15	0.001	0.	0.02	0.001	0.001	0.002	0.013
00940p	CHLORIDE,TOTAL IN WATER MG/L	02/08/83-10/27/92	60	0.2	0.17	0.4	0.005	0.01	0.098	0.023	0.1	0.2	0.3
00945p	SULFATE, TOTAL (MG/L AS SO4)	02/08/83-10/27/92	60	2.	1.867	3.	0.005	0.76	0.872	0.105	1.25	2.	3.
71825p	ACIDITY, TOTAL (MG/L AS H)	08/02/83-10/27/92	57	0.03	0.034	0.08	0.005	0.	0.016	0.02	0.02	0.04	0.05
71870p	BROMIDE (MG/L AS BR)	02/08/83-10/27/92	60 ##	0.005	0.013	0.5	0.005	0.004	0.064	0.005	0.005	0.005	0.005

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station ROMO0320

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/02/83-05/12/92	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/18/87-10/27/92	32	6.29	6.274	7.08	5.56	0.099	0.315	5.67	6.203	6.413	6.624
00400	CONVERTED PH (STANDARD UNITS)	08/18/87-10/27/92	32	6.29	6.15	7.08	5.56	0.115	0.339	5.67	6.203	6.412	6.624
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/18/87-10/27/92	32	0.513	0.708	2.754	0.083	0.442	0.665	0.238	0.387	0.627	2.138
00608p	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/02/83-10/27/92	37	0.014	0.018	0.062	0.002	0.	0.014	0.003	0.012	0.024	0.042

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

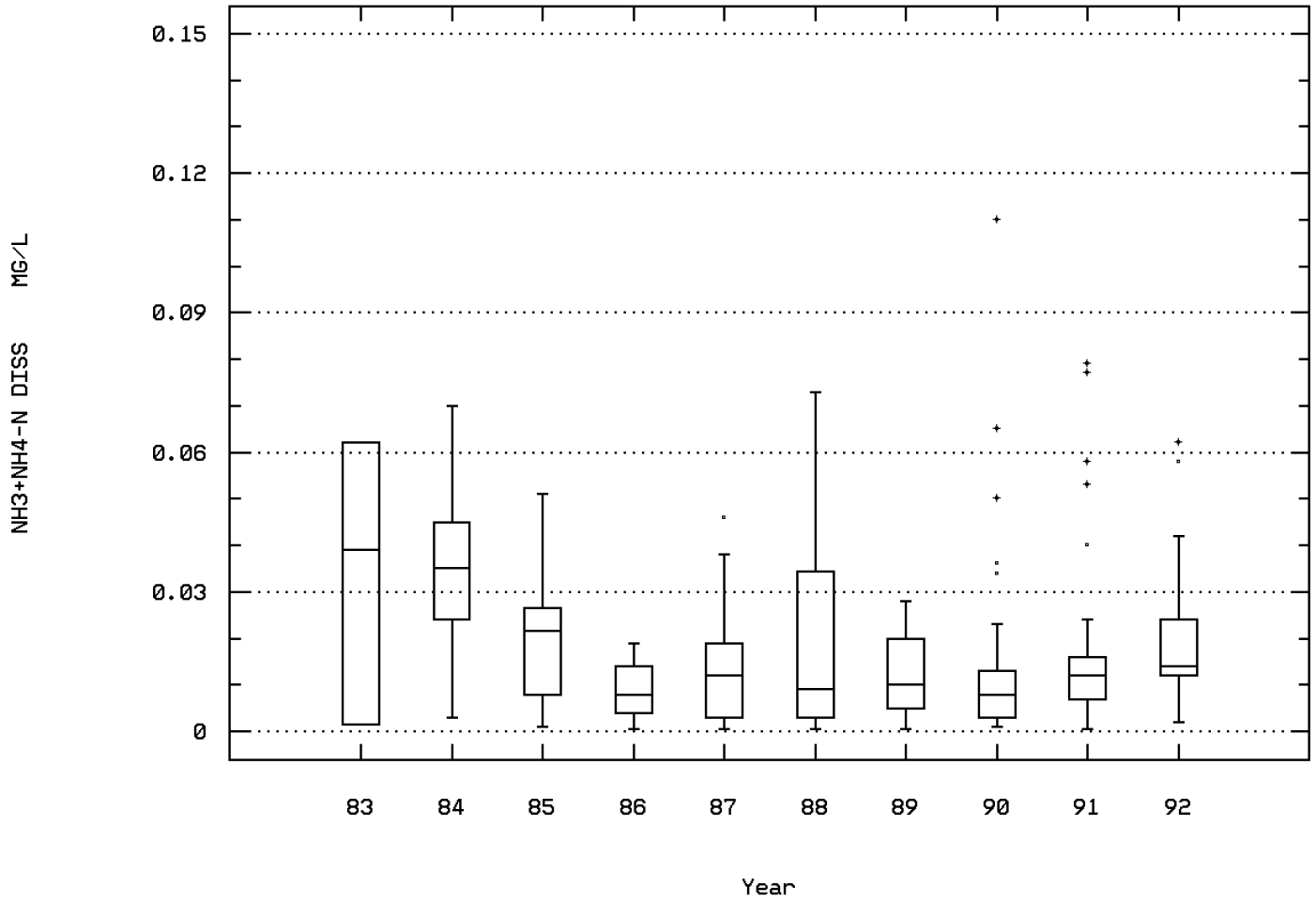
Annual Analysis for 1992 - Station ROMO0320

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00613p	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/17/84-10/27/92	37	0.003	0.004	0.016	0.001	0.	0.003	0.001	0.001	0.005	0.009
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	02/08/83-10/27/92	37	0.24	0.226	0.44	0.005	0.011	0.105	0.097	0.17	0.27	0.422
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/17/84-10/27/92	37	0.2	0.195	0.4	0.003	0.009	0.095	0.07	0.1	0.25	0.3
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	02/08/83-10/27/92	37	0.001	0.003	0.033	0.001	0.	0.007	0.001	0.001	0.002	0.003
00940p	CHLORIDE,TOTAL IN WATER MG/L	02/08/83-10/27/92	37	0.2	0.185	0.7	0.005	0.011	0.107	0.078	0.15	0.2	0.2
00945p	SULFATE, TOTAL (MG/L AS SO4)	02/08/83-10/27/92	37	2.	2.	3.	0.005	0.554	0.745	1.	2.	2.	3.
71825p	ACIDITY, TOTAL (MG/L AS H)	08/02/83-10/27/92	37	0.03	0.035	0.05	0.02	0.	0.009	0.02	0.03	0.04	0.05
71870p	BROMIDE (MG/L AS BR)	02/08/83-10/27/92	37 ##	0.005	0.037	1.2	0.005	0.039	0.196	0.005	0.005	0.005	0.005

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: ROMO0320 Parameter Code: 00608

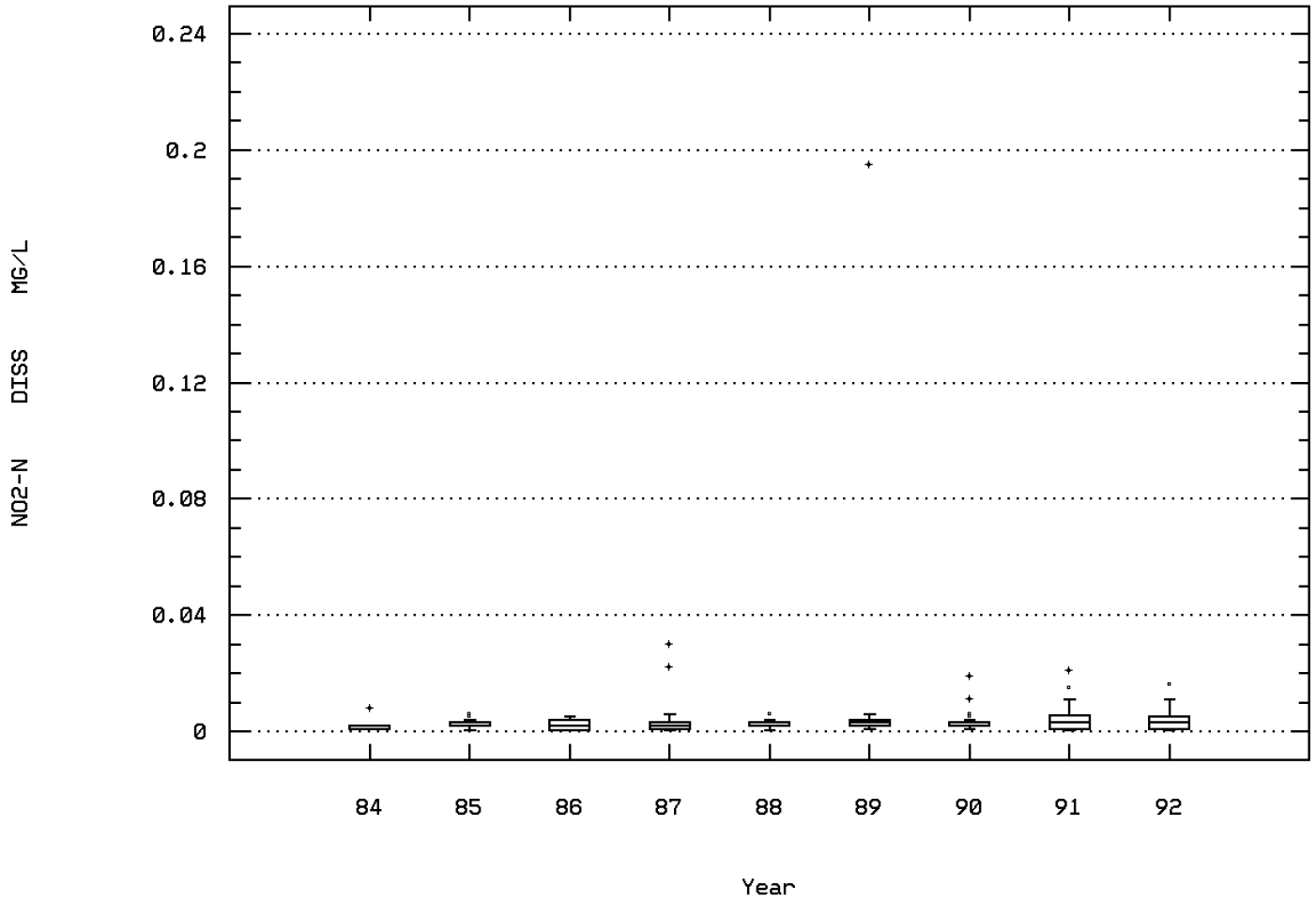
NITROGEN, AMMONIA, DISSOLVED (MG/L AS N



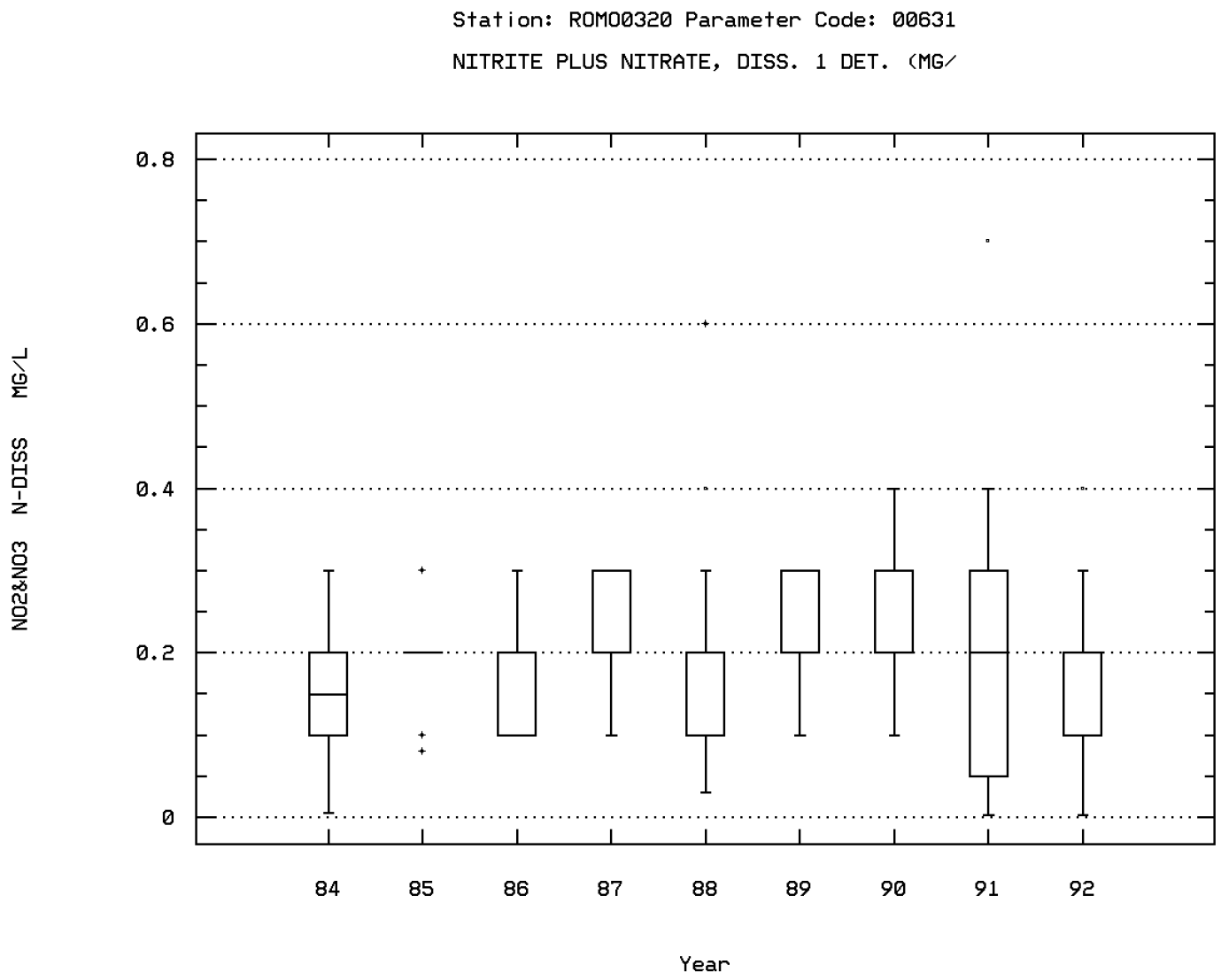
THE LOCH OUTLET - LOCH VALE

Station: ROMO0320 Parameter Code: 00613

NITRITE NITROGEN, DISSOLVED (MG/L AS N)



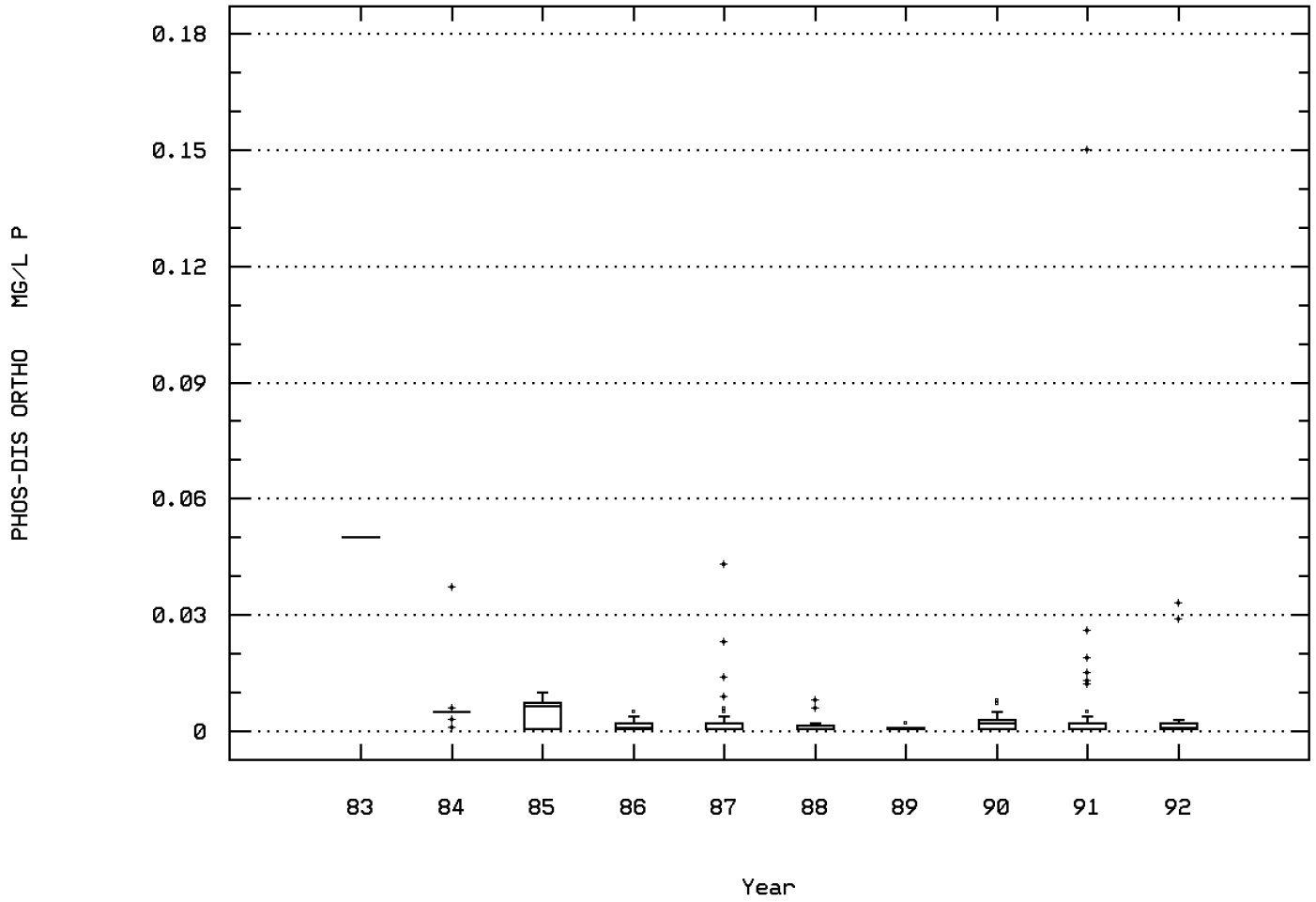
THE LOCH OUTLET - LOCH VALE



THE LOCH OUTLET - LOCH VALE

Station: ROMO0320 Parameter Code: 00671

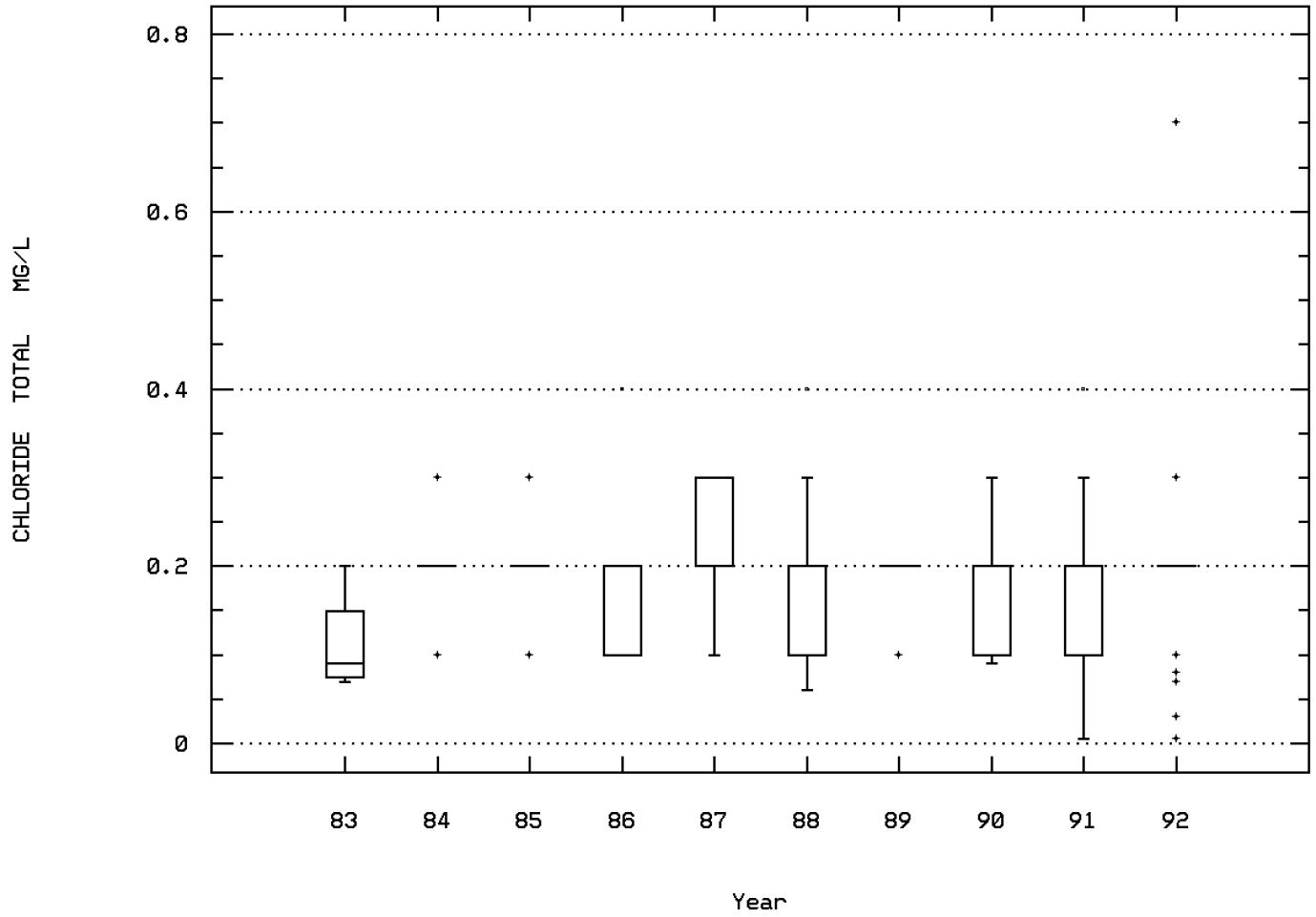
PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (M



THE LOCH OUTLET - LOCH VALE

Station: ROMO0320 Parameter Code: 00940

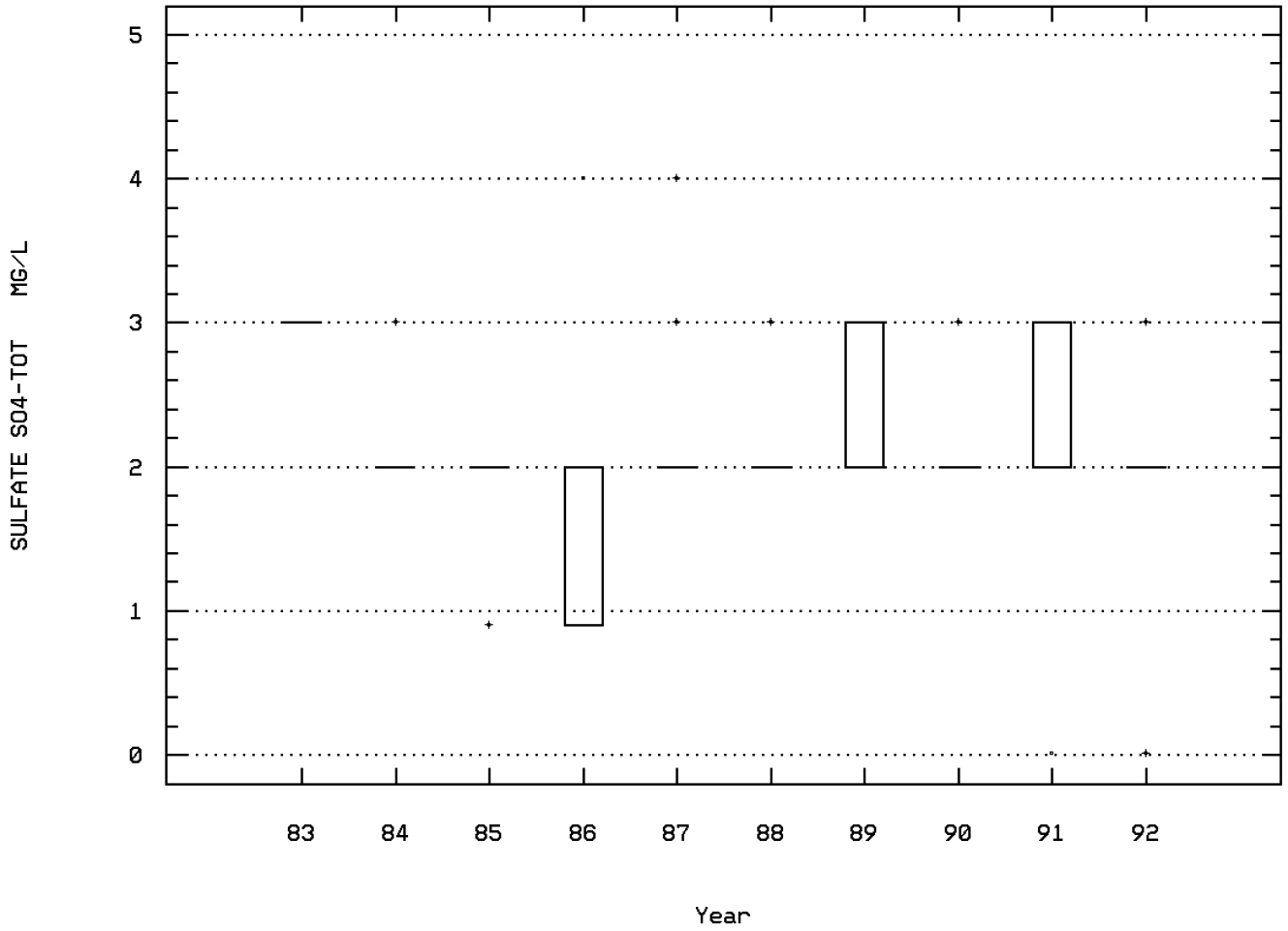
CHLORIDE,TOTAL IN WATER



THE LOCH OUTLET - LOCH VALE

Station: ROMO0320 Parameter Code: 00945

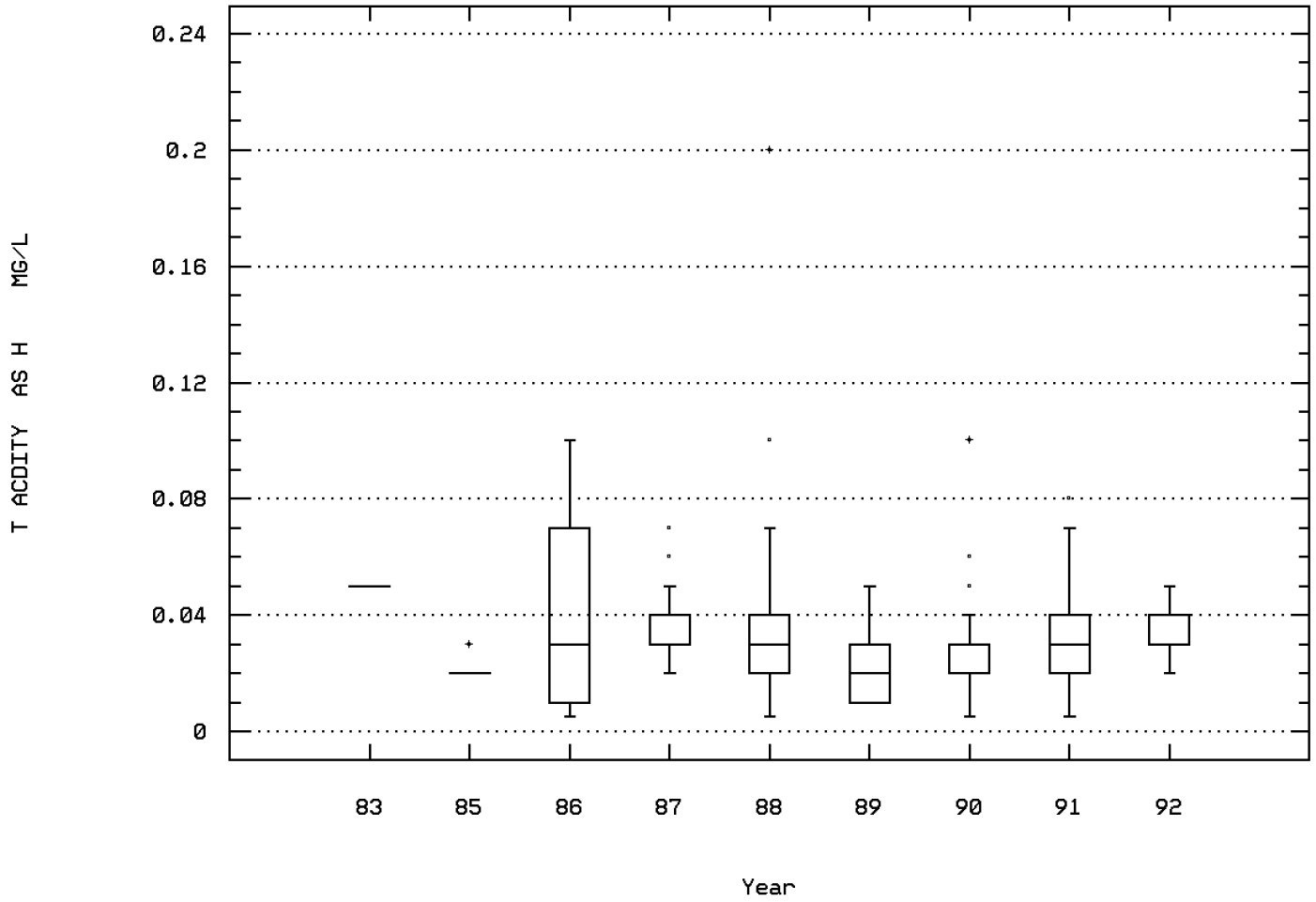
SULFATE, TOTAL (MG/L AS SO4)



THE LOCH OUTLET - LOCH VALE

Station: ROMO0320 Parameter Code: 71825

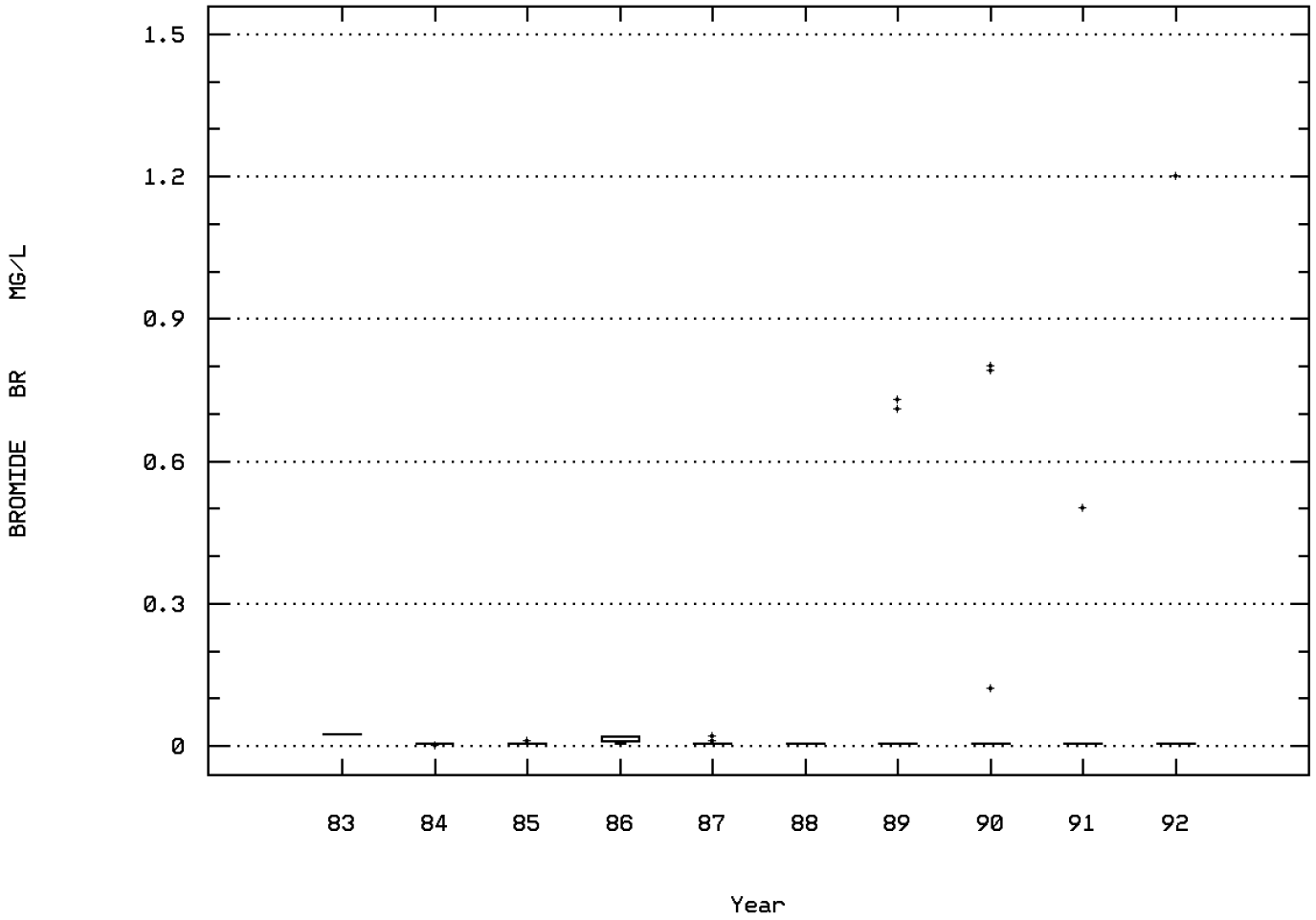
ACIDITY, TOTAL (MG/L AS H)



THE LOCH OUTLET - LOCH VALE

Station: ROMO0320 Parameter Code: 71870

BROMIDE (MG/L AS BR)



THE LOCH OUTLET - LOCH VALE

Seasonal Analysis for Season #1: 6/10 to 10/31 - Station ROMO0320

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/02/83-05/12/92	70	14.5	17.714	136.	1.	320.323	17.898	2.1	8.	21.25	31.9
00403	PH, LAB, STANDARD UNITS SU	04/30/85-10/27/92	12	6.6	6.675	7.9	5.8	0.409	0.64	5.83	6.225	6.775	7.87
00403	CONVERTED PH, LAB, STANDARD UNITS	04/30/85-10/27/92	12	6.6	6.361	7.9	5.8	0.517	0.719	5.83	6.225	6.775	7.87
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/30/85-10/27/92	12	0.251	0.436	1.585	0.013	0.255	0.505	0.014	0.169	0.659	1.487
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/02/83-10/27/92	155	0.008	0.015	0.11	0.001	0.	0.018	0.001	0.003	0.02	0.039
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/17/84-10/27/92	130	0.002	0.004	0.195	0.001	0.	0.017	0.001	0.001	0.003	0.006
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	02/08/83-10/27/92	126	0.2	0.212	0.98	0.005	0.01	0.102	0.127	0.16	0.26	0.31
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/17/84-10/27/92	131	0.2	0.207	1.	0.003	0.014	0.12	0.1	0.1	0.2	0.3
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	02/08/83-10/27/92	155 ##	0.001	0.004	0.05	0.001	0.	0.008	0.001	0.001	0.005	0.006
00940	CHLORIDE,TOTAL IN WATER MG/L	02/08/83-10/27/92	155	0.2	0.149	0.3	0.005	0.004	0.06	0.08	0.1	0.2	0.2
00945	SULFATE, TOTAL (MG/L AS SO4)	02/08/83-10/27/92	155	1.	1.408	3.	0.005	0.3	0.548	1.	1.	2.	2.
01046	IRON, DISSOLVED (UG/L AS FE)	02/08/83-10/27/92	12	19.	25.542	76.	1.5	504.43	22.46	1.95	5.5	42.	68.2
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	05/12/84-10/27/92	13	13.	22.577	100.	0.5	786.744	28.049	0.7	5.	29.5	82.4
71825	ACIDITY, TOTAL (MG/L AS H)	08/02/83-10/27/92	121	0.03	0.03	0.2	0.005	0.	0.021	0.02	0.02	0.03	0.04
71870	BROMIDE (MG/L AS BR)	02/08/83-10/27/92	154 ##	0.005	0.011	0.73	0.	0.003	0.059	0.005	0.005	0.005	0.01

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 4/10 - Station ROMO0320

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403	PH, LAB, STANDARD UNITS SU	04/30/85-10/27/92	8	6.5	6.388	6.7	5.8	0.076	0.275	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	04/30/85-10/27/92	8	6.5	6.293	6.7	5.8	0.086	0.293	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/30/85-10/27/92	8	0.316	0.51	1.585	0.2	0.204	0.452	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/02/83-10/27/92	78	0.012	0.013	0.079	0.001	0.	0.011	0.002	0.005	0.015	0.023
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/17/84-10/27/92	78	0.003	0.004	0.022	0.001	0.	0.004	0.001	0.001	0.005	0.008
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	02/08/83-10/27/92	79	0.24	0.214	0.41	0.005	0.011	0.105	0.04	0.16	0.28	0.32
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/17/84-10/27/92	78	0.2	0.222	0.4	0.005	0.01	0.098	0.05	0.2	0.3	0.3
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	02/08/83-10/27/92	79	0.001	0.005	0.15	0.001	0.	0.018	0.001	0.001	0.002	0.009
00940	CHLORIDE,TOTAL IN WATER MG/L	02/08/83-10/27/92	79	0.2	0.218	0.7	0.005	0.007	0.083	0.2	0.2	0.2	0.3
00945	SULFATE, TOTAL (MG/L AS SO4)	02/08/83-10/27/92	79	2.	2.355	3.	0.005	0.411	0.641	2.	2.	3.	3.
01046	IRON, DISSOLVED (UG/L AS FE)	02/08/83-10/27/92	27	120.	97.796	150.	1.5	2271.236	47.657	23.	44.	140.	142.
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	05/12/84-10/27/92	11	12.	11.727	21.	2.	41.618	6.451	2.	7.	18.	20.6
71825	ACIDITY, TOTAL (MG/L AS H)	08/02/83-10/27/92	78	0.03	0.034	0.07	0.005	0.	0.012	0.02	0.03	0.04	0.05
71870	BROMIDE (MG/L AS BR)	02/08/83-10/27/92	79 ##	0.005	0.035	0.8	0.005	0.021	0.146	0.005	0.005	0.005	0.02

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/11 to 6/09 - Station ROMO0320

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/02/83-05/12/92	38	5.	7.316	24.	1.	39.627	6.295	1.9	2.75	10.	19.3
00403	PH, LAB, STANDARD UNITS SU	04/30/85-10/27/92	16	6.6	6.538	6.9	6.	0.072	0.268	6.14	6.325	6.775	6.9
00403	CONVERTED PH, LAB, STANDARD UNITS	04/30/85-10/27/92	16	6.6	6.456	6.9	6.	0.079	0.281	6.14	6.325	6.775	6.9
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/30/85-10/27/92	16	0.251	0.35	1.	0.126	0.057	0.239	0.126	0.169	0.475	0.742
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/02/83-10/27/92	99	0.021	0.024	0.077	0.001	0.	0.016	0.005	0.012	0.035	0.05
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/17/84-10/27/92	95	0.002	0.003	0.021	0.001	0.	0.003	0.001	0.001	0.004	0.005
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	02/08/83-10/27/92	83	0.22	0.205	0.44	0.005	0.01	0.1	0.04	0.15	0.27	0.32
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/17/84-10/27/92	95	0.2	0.193	0.4	0.003	0.008	0.087	0.088	0.1	0.2	0.3
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	02/08/83-10/27/92	99 ##	0.001	0.003	0.033	0.001	0.	0.005	0.001	0.001	0.002	0.007
00940	CHLORIDE,TOTAL IN WATER MG/L	02/08/83-10/27/92	100	0.2	0.231	0.4	0.005	0.004	0.067	0.2	0.2	0.3	0.3
00945	SULFATE, TOTAL (MG/L AS SO4)	02/08/83-10/27/92	100	2.	2.	4.	0.005	0.222	0.471	2.	2.	2.	2.
01046	IRON, DISSOLVED (UG/L AS FE)	02/08/83-10/27/92	21	110.	100.905	200.	1.5	3661.865	60.513	2.2	62.	135.	190.
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	05/12/84-10/27/92	39	110.	101.218	160.	0.5	1474.353	38.397	21.	100.	120.	130.
71825	ACIDITY, TOTAL (MG/L AS H)	08/02/83-10/27/92	95	0.04	0.041	0.1	0.005	0.	0.019	0.02	0.03	0.05	0.064

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/11 to 6/09 - Station ROMO0320

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71870	BROMIDE (MG/L AS BR)	02/08/83-10/27/92	99 ##	0.005	0.023	1.2	0.005	0.017	0.129	0.005	0.005	0.005	0.01

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: ROMO0321

NPS Station ID: ROMO0321
LAT/LON: 40.292504/-105.656670
Agency: 112WRD
Date Created: 10/31/87
Location: THE LOCH SURFACE - LOCH VALE
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 401733105392401
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 5.50
On/Off RF1:
RF3 Index: 10190006045400.55
RF3 Mile Point: 0.55
Distance from RF3: 0.05
On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0321

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	04/04/83-11/20/85	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00065	STAGE, STREAM (FEET)	05/03/83-05/03/83	1	0.76	0.76	0.76	0.76	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	06/13/84-08/15/84	3	4.8	8.367	15.7	4.6	40.343	6.352	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	03/06/84-07/30/86	26	5.	7.308	20.	0.5	31.962	5.653	2.25	3.75	10.	20.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/11/90-12/11/90	1	21.	21.	21.	21.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	02/21/88-04/28/92	10	6.205	6.276	6.67	6.	0.04	0.199	6.012	6.128	6.408	6.652
00400	CONVERTED PH (STANDARD UNITS)	02/21/88-04/28/92	10	6.205	6.239	6.67	6.	0.041	0.203	6.012	6.128	6.407	6.652
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/21/88-04/28/92	10	0.624	0.577	1.	0.214	0.054	0.233	0.225	0.394	0.746	0.976
00403	PH, LAB, STANDARD UNITS SU	04/22/85-12/11/90	12	6.65	6.633	7.	6.4	0.03	0.172	6.4	6.5	6.7	6.94
00403	CONVERTED PH, LAB, STANDARD UNITS	04/22/85-12/11/90	12	6.647	6.604	7.	6.4	0.031	0.175	6.4	6.5	6.7	6.94
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/22/85-12/11/90	12	0.225	0.249	0.398	0.1	0.009	0.092	0.118	0.2	0.316	0.398
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	02/08/83-05/03/83	3	120.	120.	120.	120.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	06/20/84-06/20/84	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	04/04/83-04/28/92	76	0.012	0.017	0.072	0.001	0.	0.016	0.001	0.004	0.028	0.036
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/17/84-04/28/92	63	0.002	0.003	0.008	0.001	0.	0.002	0.001	0.001	0.003	0.006
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	02/08/83-04/28/92	54	0.19	0.18	0.36	0.005	0.008	0.091	0.04	0.128	0.24	0.3
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/17/84-04/28/92	63	0.2	0.17	0.3	0.009	0.008	0.088	0.02	0.1	0.2	0.3
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/13/84-12/06/84	10 ##	0.005	0.206	2.	0.005	0.397	0.63	0.005	0.005	0.01	1.801
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	02/08/83-04/28/92	77 ##	0.002	0.011	0.24	0.001	0.001	0.031	0.001	0.001	0.005	0.05
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	02/21/88-02/26/89	3	3.3	9.167	23.	1.2	144.623	12.026	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	02/08/83-04/04/83	2	8.5	8.5	10.	7.	4.5	2.121	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/04/88-03/27/89	5	0.94	0.84	1.1	0.46	0.065	0.256	**	**	**	**
00931	SODIUM ADSORPTION RATIO	02/08/83-04/04/83	2	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/30/88-12/11/90	4	0.205	0.218	0.26	0.2	0.001	0.029	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	02/08/83-04/28/92	74	0.2	0.202	0.3	0.07	0.004	0.059	0.1	0.2	0.2	0.3
00945	SULFATE, TOTAL (MG/L AS SO4)	02/08/83-04/28/92	74	2.	1.972	3.	0.9	0.523	0.723	1.	1.	2.25	3.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	02/21/88-12/11/90	5	0.12	0.108	0.13	0.07	0.001	0.027	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	02/08/83-04/28/92	19	110.	112.158	210.	38.	1820.696	42.67	46.	89.	130.	200.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	02/21/88-12/11/90	5	6.4	11.24	26.	3.	99.428	9.971	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	05/06/85-12/11/90	9	27.	56.333	140.	12.	2476.	49.759	12.	14.	99.5	140.
71825	ACIDITY, TOTAL (MG/L AS H)	08/02/83-04/28/92	57	0.03	0.037	0.1	0.01	0.	0.019	0.02	0.02	0.05	0.062
71870	BROMIDE (MG/L AS BR)	02/08/83-04/28/92	73 ##	0.005	0.008	0.025	0.	0.	0.007	0.005	0.005	0.01	0.023
72015	DEPTH TO TOP OF SAMPLE INTERVAL (FT BELOW LSD)	06/24/83-08/26/87	38	1.6	1.758	6.2	0.5	0.889	0.943	1.13	1.5	1.6	3.2
72019	DEPTH TO WATER LEVEL (FEET BELOW LAND SURFACE)	01/20/87-04/07/87	3	3.	2.95	3.	2.85	0.007	0.087	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0321

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	10	0	0.00				8	0	0.00	2	0	0.00			
		Other-Lo Lim.	6.5	10	9	0.90				8	7	0.88	2	2	1.00			
00403	PH, LAB	Fresh Chronic	9.	12	0	0.00	2	0	0.00	5	0	0.00	5	0	0.00			
		Other-Lo Lim.	6.5	12	4	0.33	2	0	0.00	5	2	0.40	5	2	0.40			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	63	0	0.00	22	0	0.00	29	0	0.00	12	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	54	0	0.00	16	0	0.00	29	0	0.00	9	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	63	0	0.00	22	0	0.00	29	0	0.00	12	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	74	0	0.00	26	0	0.00	34	0	0.00	14	0	0.00			
		Drinking Water	250.	74	0	0.00	26	0	0.00	34	0	0.00	14	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	74	0	0.00	26	0	0.00	34	0	0.00	14	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	5	0	0.00				3	0	0.00	2	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1983 - Station ROMO0321

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	04/04/83-04/28/92	6	0.039	0.036	0.072	0.002	0.001	0.031	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	02/08/83-04/28/92	8 ##	0.05	0.051	0.059	0.05	0.	0.003	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	02/08/83-04/28/92	7	0.2	0.197	0.3	0.08	0.007	0.086	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	02/08/83-04/28/92	7	2.	1.857	3.	1.	0.81	0.9	**	**	**	**
71870	BROMIDE (MG/L AS BR)	02/08/83-04/28/92	7 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station ROMO0321

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	04/04/83-04/28/92	14	0.021	0.022	0.046	0.003	0.	0.014	0.003	0.009	0.034	0.043
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	02/08/83-04/28/92	14 ##	0.005	0.006	0.033	0.001	0.	0.008	0.001	0.004	0.005	0.02
00940	CHLORIDE,TOTAL IN WATER MG/L	02/08/83-04/28/92	11	0.2	0.209	0.3	0.1	0.005	0.07	0.1	0.2	0.3	0.3
00945	SULFATE, TOTAL (MG/L AS SO4)	02/08/83-04/28/92	11	2.	1.636	3.	1.	0.455	0.674	1.	1.	2.	2.8
71870	BROMIDE (MG/L AS BR)	02/08/83-04/28/92	10 ##	0.005	0.005	0.01	0.	0.	0.002	0.001	0.005	0.005	0.01

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station ROMO0321

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	04/04/83-04/28/92	10	0.022	0.024	0.048	0.005	0.	0.016	0.005	0.011	0.036	0.048
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	02/08/83-04/28/92	9	0.001	0.003	0.01	0.001	0.	0.003	0.001	0.001	0.005	0.01
00940	CHLORIDE,TOTAL IN WATER MG/L	02/08/83-04/28/92	10	0.2	0.21	0.3	0.1	0.005	0.074	0.1	0.175	0.3	0.3
00945	SULFATE, TOTAL (MG/L AS SO4)	02/08/83-04/28/92	10	2.	1.7	2.	1.	0.233	0.483	1.	1.	2.	2.
71870	BROMIDE (MG/L AS BR)	02/08/83-04/28/92	10 ##	0.008	0.008	0.01	0.005	0.	0.003	0.005	0.005	0.01	0.01

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station ROMO0321

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	04/04/83-04/28/92	8	0.009	0.009	0.025	0.001	0.	0.008	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	02/08/83-04/28/92	8	0.002	0.003	0.009	0.001	0.	0.003	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	02/08/83-04/28/92	8	0.2	0.188	0.2	0.1	0.001	0.035	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	02/08/83-04/28/92	8	2.	1.613	2.	0.9	0.287	0.536	**	**	**	**
71870	BROMIDE (MG/L AS BR)	02/08/83-04/28/92	8	0.01	0.013	0.02	0.005	0.	0.006	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station ROMO0321

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	04/04/83-04/28/92	9	0.012	0.014	0.03	0.001	0.	0.012	0.001	0.001	0.029	0.03
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	02/08/83-04/28/92	9 ##	0.001	0.002	0.012	0.001	0.	0.004	0.001	0.001	0.004	0.012
00940	CHLORIDE,TOTAL IN WATER MG/L	02/08/83-04/28/92	9	0.2	0.2	0.3	0.1	0.003	0.05	0.1	0.2	0.2	0.3
00945	SULFATE, TOTAL (MG/L AS SO4)	02/08/83-04/28/92	9	2.	1.667	2.	1.	0.25	0.5	1.	1.	2.	2.
71870	BROMIDE (MG/L AS BR)	02/08/83-04/28/92	9 ##	0.005	0.008	0.02	0.005	0.	0.005	0.005	0.005	0.01	0.02

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station ROMO0321

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	04/04/83-04/28/92	14	0.011	0.013	0.032	0.001	0.	0.012	0.001	0.001	0.029	0.031
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	02/08/83-04/28/92	14 ##	0.001	0.002	0.005	0.001	0.	0.002	0.001	0.001	0.003	0.005
00940	CHLORIDE,TOTAL IN WATER MG/L	02/08/83-04/28/92	14	0.2	0.196	0.3	0.07	0.006	0.075	0.07	0.175	0.225	0.3
00945	SULFATE, TOTAL (MG/L AS SO4)	02/08/83-04/28/92	14	2.	2.143	3.	1.	0.593	0.77	1.	1.75	3.	3.
71870	BROMIDE (MG/L AS BR)	02/08/83-04/28/92	14 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station ROMO0321

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	04/04/83-04/28/92	6	0.008	0.008	0.013	0.002	0.	0.005	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	02/08/83-04/28/92	6 ##	0.001	0.044	0.24	0.001	0.009	0.097	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	02/08/83-04/28/92	6	0.2	0.217	0.3	0.2	0.002	0.041	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	02/08/83-04/28/92	6	3.	2.667	3.	2.	0.267	0.516	**	**	**	**
71870	BROMIDE (MG/L AS BR)	02/08/83-04/28/92	6 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station ROMO0321

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	04/04/83-04/28/92	4	0.005	0.005	0.008	0.002	0.	0.002	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	02/08/83-04/28/92	4	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	02/08/83-04/28/92	4	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	02/08/83-04/28/92	4	3.	3.	3.	3.	0.	0.	**	**	**	**
71870	BROMIDE (MG/L AS BR)	02/08/83-04/28/92	4 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station ROMO0321

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	04/04/83-04/28/92	3	0.015	0.014	0.027	0.001	0.	0.013	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	02/08/83-04/28/92	3	0.003	0.003	0.004	0.001	0.	0.002	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	02/08/83-04/28/92	3	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	02/08/83-04/28/92	3	2.	2.333	3.	2.	0.333	0.577	**	**	**	**
71870	BROMIDE (MG/L AS BR)	02/08/83-04/28/92	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station ROMO0321

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	04/04/83-04/28/92	2	0.02	0.02	0.034	0.006	0.	0.02	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	02/08/83-04/28/92	2 ##	0.001	0.001	0.002	0.001	0.	0.001	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	02/08/83-04/28/92	2	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	02/08/83-04/28/92	2	2.5	2.5	3.	2.	0.5	0.707	**	**	**	**
71870	BROMIDE (MG/L AS BR)	02/08/83-04/28/92	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 6/10 to 10/31 - Station ROMO0321

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	04/04/83-04/28/92	30	0.011	0.017	0.072	0.001	0.	0.019	0.001	0.003	0.03	0.045
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/17/84-04/28/92	22	0.003	0.003	0.008	0.001	0.	0.002	0.001	0.002	0.004	0.007
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	02/08/83-04/28/92	16	0.17	0.181	0.31	0.08	0.004	0.06	0.101	0.14	0.233	0.268
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/17/84-04/28/92	22	0.2	0.168	0.3	0.02	0.005	0.071	0.086	0.1	0.2	0.27
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	02/08/83-04/28/92	30 ##	0.004	0.01	0.059	0.001	0.	0.018	0.001	0.001	0.005	0.05
00940	CHLORIDE,TOTAL IN WATER MG/L	02/08/83-04/28/92	26	0.2	0.155	0.2	0.07	0.003	0.055	0.077	0.1	0.2	0.2
00945	SULFATE, TOTAL (MG/L AS SO4)	02/08/83-04/28/92	26	1.	1.227	2.	0.9	0.187	0.432	1.	1.	1.25	2.
71825	ACIDITY, TOTAL (MG/L AS H)	08/02/83-04/28/92	17	0.02	0.024	0.05	0.01	0.	0.009	0.01	0.02	0.03	0.034
71870	BROMIDE (MG/L AS BR)	02/08/83-04/28/92	25 ##	0.005	0.008	0.025	0.	0.	0.007	0.005	0.005	0.01	0.025

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 4/10 - Station ROMO0321

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	04/04/83-04/28/92	32	0.011	0.014	0.054	0.001	0.	0.013	0.001	0.003	0.021	0.032
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/17/84-04/28/92	29	0.002	0.002	0.006	0.001	0.	0.002	0.001	0.001	0.003	0.006
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	02/08/83-04/28/92	29	0.16	0.162	0.36	0.005	0.012	0.108	0.005	0.07	0.235	0.32
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/17/84-04/28/92	29	0.2	0.151	0.3	0.009	0.01	0.101	0.01	0.055	0.2	0.3
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	02/08/83-04/28/92	33	0.002	0.014	0.24	0.001	0.002	0.043	0.001	0.001	0.005	0.05
00940	CHLORIDE,TOTAL IN WATER MG/L	02/08/83-04/28/92	34	0.2	0.226	0.3	0.2	0.002	0.045	0.2	0.2	0.3	0.3
00945	SULFATE, TOTAL (MG/L AS SO4)	02/08/83-04/28/92	34	3.	2.529	3.	2.	0.257	0.507	2.	2.	3.	3.
71825	ACIDITY, TOTAL (MG/L AS H)	08/02/83-04/28/92	28	0.04	0.04	0.08	0.02	0.	0.017	0.02	0.02	0.05	0.061
71870	BROMIDE (MG/L AS BR)	02/08/83-04/28/92	34 ##	0.005	0.009	0.025	0.005	0.	0.006	0.005	0.005	0.01	0.023

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/11 to 6/09 - Station ROMO0321

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	04/04/83-04/28/92	14	0.026	0.024	0.048	0.001	0.	0.015	0.003	0.01	0.033	0.047
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/17/84-04/28/92	12	0.002	0.003	0.006	0.001	0.	0.001	0.001	0.002	0.003	0.005
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	02/08/83-04/28/92	9	0.24	0.239	0.33	0.16	0.003	0.051	0.16	0.205	0.27	0.33
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/17/84-04/28/92	12	0.2	0.222	0.3	0.06	0.005	0.07	0.102	0.2	0.3	0.3
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	02/08/83-04/28/92	14 ##	0.002	0.007	0.05	0.001	0.	0.013	0.001	0.001	0.007	0.03
00940	CHLORIDE,TOTAL IN WATER MG/L	02/08/83-04/28/92	14	0.2	0.229	0.3	0.2	0.002	0.047	0.2	0.2	0.3	0.3
00945	SULFATE, TOTAL (MG/L AS SO4)	02/08/83-04/28/92	14	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
71825	ACIDITY, TOTAL (MG/L AS H)	08/02/83-04/28/92	12	0.045	0.048	0.1	0.02	0.001	0.026	0.02	0.023	0.068	0.094
71870	BROMIDE (MG/L AS BR)	02/08/83-04/28/92	14 ##	0.005	0.009	0.025	0.005	0.	0.007	0.005	0.005	0.013	0.023

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: ROMO0322

NPS Station ID: ROMO0322 | LAT/LON: 40.292504/-105.659727 | Agency: 12WLS1 | Date Created: 09/03/88
Location: THE LOCH | FIPS State/County: 08123 COLORADO/WELD
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): 4E1-061
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006 | Depth of Water: 6 | Aquifer:
Major Basin: | Elevation: 0 | Water Body Id:
Minor Basin: | ECO Region:
RF1 Index: 10190006 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 10190007174500.00 | RF3 Mile Point: 0.00 | Distance from RF3: 0.03 | On/Off RF3:
Description:
THIS DATA WAS COLLECTED DURING THE WESTERN LAKE SURVEY-PHASE I (WLS-I) AS PART OF EPA'S NATIONAL SURFACE WATER SURVEY, AQUATIC EFFECTS RESEARCH PROGRAM. THE SURVEY DESIGN, METHODS, AND DATA LIMITATIONS ARE DESCRIBED IN:
LANDERS, D.H., ET AL. 1987. CHARACTERISTICS OF LAKES IN THE WESTERN UNITED STATES. VOL. I. POPULATION DESCRIPTIONS AND PHYSICO-CHEMICAL RELATIONSHIPS. EPA/600/4-86/054A. U.S. ENVIRON. PROT. AGENCY, WASHINGTON, D.C. 176 PP.
THE DATA PRESENTED HERE ARE THOSE REPORTED IN LANDERS ET AL. (1987) WITH THE FOLLOWING EXCEPTIONS: (1) UNITS FOR CHEMICAL PARAMETERS ARE TYPICALLY IN MG/L RATHER THAN MICROEQ/L; (2) NO SUBSTITUTED VALUES ARE PROVIDED FOR SUSPECT DATA; (3) TAGS AND FLAGS USED TO IDENTIFY SUSPICIOUS DATA ARE NOT SHOWN; AND (4) CALCULATED OR DERIVED VARIABLES ARE EXCLUDED.

Parameter Inventory for Station: ROMO0322

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/10/85-10/10/85	1	2.7	2.7	2.7	2.7	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/10/85-10/10/85	1	2.4	2.4	2.4	2.4	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	10/10/85-10/10/85	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/10/85-10/10/85	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00154	SULFATE (AS S) WHOLE WATER, MG/L	10/10/85-10/10/85	1	1.459	1.459	1.459	1.459	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	10/10/85-10/10/85	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/10/85-10/10/85	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/10/85-10/10/85	1	0.251	0.251	0.251	0.251	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	10/10/85-10/10/85	1	48.9	48.9	48.9	48.9	0.	0.	**	**	**	**
00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	10/10/85-10/10/85	1	9.5	9.5	9.5	9.5	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/10/85-10/10/85	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	10/10/85-10/10/85	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00910	CALCIUM (MG/L AS CACO3)	10/10/85-10/10/85	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/10/85-10/10/85	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/10/85-10/10/85	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/10/85-10/10/85	1	0.13	0.13	0.13	0.13	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/10/85-10/10/85	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/10/85-10/10/85	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/10/85-10/10/85	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/10/85-10/10/85	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	10/10/85-10/10/85	1	32.	32.	32.	32.	0.	0.	**	**	**	**
70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	10/10/85-10/10/85	1	0.055	0.055	0.055	0.055	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: ROMO0322

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/10/85-10/10/85	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
71885	IRON (UG/L AS FE)	10/10/85-10/10/85	1	18.	18.	18.	18.	0.	0.	**	**	**	**
72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	10/10/85-10/10/85	1	10186.3	10186.3	10186.3	10186.3	0.	0.	**	**	**	**
82047	DEPTH TO THE TOP OF THE SAMPLING INTERVAL (METERS)	10/10/85-10/10/85	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/10/85-10/10/85	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0322

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00154	SULFATE (AS S) WHOLE WATER	Drinking Water	250.	1	0	0.00	1	0	0.00									
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0323

NPS Station ID: ROMO0323
LAT/LON: 40.292781/-105.654448
Agency: 112WRD
Date Created: 01/07/89
Location: THE LOCH
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 401734105391600
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC:
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 5.90
On/Off RF1:
RF3 Index: 10190006045400.55
RF3 Mile Point: 0.55
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0323

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/27/87-10/27/87	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/27/87-10/27/87	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	10/27/87-10/27/87	2	2.	2.	2.	2.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/27/87-10/27/87	2	14.	14.	14.	14.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/27/87-10/27/87	1	9.2	9.2	9.2	9.2	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/27/87-10/27/87	1	6.88	6.88	6.88	6.88	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/27/87-10/27/87	1	6.88	6.88	6.88	6.88	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/27/87-10/27/87	1	0.132	0.132	0.132	0.132	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	10/27/87-10/27/87	2	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/27/87-10/27/87	2	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/27/87-10/27/87	2	0.063	0.063	0.063	0.063	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/27/87-10/27/87	2	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/27/87-10/27/87	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/27/87-10/27/87	2	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/27/87-10/27/87	2	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/27/87-10/27/87	2	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/27/87-10/27/87	2	0.19	0.19	0.19	0.19	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/27/87-10/27/87	2	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/27/87-10/27/87	2	2.	2.	2.	2.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/27/87-10/27/87	2	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/27/87-10/27/87	2	1.9	1.9	1.9	1.9	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	10/27/87-10/27/87	2	37.	37.	37.	37.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/27/87-10/27/87	2	1.	1.	1.	1.	0.	0.	**	**	**	**
71870	BROMIDE (MG/L AS BR)	10/27/87-10/27/87	2	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
82086	SULFUR-34/SULFUR-32 STABLE ISOTOPE RATIO PER MIL	10/12/88-11/13/90	11	1.7	1.709	2.6	1.	0.227	0.476	1.02	1.4	2.1	2.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0323

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00	1	0	0.00									
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: ROMO0323

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	0	0.00	2	0	0.00									
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	2	0	0.00	2	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00	2	0	0.00									
		Drinking Water	250.	2	0	0.00	2	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	2	0	0.00	2	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	2	0	0.00	2	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0324

NPS Station ID: ROMO0324
LAT/LON: 40.292809/-105.654559
Agency: 11NPSWRD
Date Created: 08/21/99
Location: The Loch at the Outlet
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_JS_LOCH
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 3097
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the McHenrys Peak CO 7.5' (topographic) series quadrangle in Rocky Mountain National Park. The station is located in the outlet stream of the Loch south of the hiking trail in Loch Vale. The data originated from a University of Colorado dissertation entitled "Isotopic and Chemical Flowpath Separation of Streamflow During Snowmelt and Hydrogeological Controls of Surface-Water Chemistry in Six Alpine-Subalpine Basins; Rocky Mountain National Park; Colorado" 1996 by Julie K. Sueker. Sueker also contributed other data that weren't included in her dissertation. For more information about the data; contact Julie K. Sueker; Exponent Environmental Group; 4940 Pearl East Circle Ste. 300; Boulder CO 80301 (Tel. 970-444-7270). For information on the park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 97 -586-1206). Data were uploaded to STORET by Margaret Matter; NPS-WRD; 1201 Oak Ridge Dr. Ste. 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0324

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	04/30/95-08/21/95	5	16.	13.6	18.	7.	23.3	4.827	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	04/30/95-08/21/95	5	6.5	6.62	6.9	6.4	0.067	0.259	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	04/30/95-08/21/95	5	6.5	6.564	6.9	6.4	0.071	0.266	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/30/95-08/21/95	5	0.316	0.273	0.398	0.126	0.019	0.138	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	04/30/95-08/21/95	5	49.6	61.76	107.2	22.6	1636.508	40.454	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	04/30/95-08/21/95	5	2.8	3.2	6.5	0.9	4.135	2.033	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	04/30/95-08/21/95	5	0.1	0.11	0.2	0.05	0.003	0.055	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	04/30/95-08/21/95	5	1.9	1.68	2.3	0.9	0.292	0.54	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	04/30/95-08/21/95	5	2.3	2.24	3.	1.2	0.523	0.723	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	04/30/95-08/21/95	5	0.2	0.538	2.	0.09	0.675	0.822	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	04/30/95-08/21/95	5	0.01	0.01	0.02	0.	0.	0.01	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	04/30/95-08/21/95	5	0.5	0.7	1.2	0.4	0.14	0.374	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0324

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	5	0	0.00	2	0	0.00				3	0	0.00			
		Other-Lo Lim.	6.5	5	3	0.60	2	2	1.00				3	1	0.33			
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	5	5	1.00	2	2	1.00				3	3	1.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	5	0	0.00	2	0	0.00				3	0	0.00			
		Drinking Water	250.	5	0	0.00	2	0	0.00				3	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	5	0	0.00	2	0	0.00				3	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	5	0	0.00	2	0	0.00				3	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0325

NPS Station ID: ROMO0325
LAT/LON: 40.292809/-105.654588
Agency: 11NPSWRD
Date Created: 06/30/99
Location: OUTLET STREAM FROM THE LOCH
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_JB_LOCHO
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MCHENRYS PEAK CO 7.5' (TOPOGRAPHICAL) SERIES QUADRANGLE. THE SITE IS AT THE OUTLET STREAM FROM THE LOCH IN ROCKY MOUNTAIN NATIONAL PARK. DATA WERE COLLECTED FOR THE LOCH VALE WATERSHED STUDY; A LONG TERM MONITORING STUDY FOR THE NATIONAL ATMOSPHERIC DEPOSITION PROGRAM/NATIONAL ACID PRECIPITATION ASSESSMENT PROGRAM (NADP/NAPAP). THE NADP/NAPAP MONITORS WATER QUALITY OF SENSITIVE ENVIRONMENTS FOR CHANGES DUE TO ACID PRECIPITATION. JILL BARON IS THE PROJECT CONTACT FOR THE STUDY AT THE NATURAL RESOURCES ECOLOGY LABORATORY AT COLORADO STATE UNIVERSITY IN FORT COLLINS CO 8052 (TEL. 970-491-1968). FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0325

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/02/82-12/30/97	429	3.	4.292	15.	-2.	17.141	4.14	0.	0.5	8.	10.8
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/11/82-12/30/97	608	14.	14.83	131.	0.	41.223	6.421	9.	12.	18.	21.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/07/82-12/30/97	593	14.	14.28	25.	7.	14.563	3.816	9.	11.	17.	19.
00403	PH, LAB, STANDARD UNITS SU	12/07/82-12/30/97	577	6.5	6.477	7.8	4.2	0.1	0.316	6.1	6.3	6.6	6.8
00403	CONVERTED PH, LAB, STANDARD UNITS	12/07/82-12/30/97	577	6.5	6.242	7.8	4.2	0.155	0.394	6.1	6.3	6.6	6.8
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/82-12/30/97	577	0.316	0.572	63.096	0.016	8.598	2.932	0.158	0.251	0.501	0.794
00406	PH, FIELD, STANDARD UNITS SU	05/11/82-12/30/97	621	6.4	6.376	7.25	5.35	0.076	0.276	6.	6.2	6.56	6.7
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/11/82-12/30/97	621	6.4	6.283	7.25	5.35	0.085	0.292	6.	6.2	6.56	6.7
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/11/82-12/30/97	621	0.398	0.522	4.467	0.056	0.172	0.415	0.2	0.275	0.631	1.
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	08/02/82-12/30/97	626	0.05	0.061	0.13	0.01	0.001	0.03	0.03	0.04	0.09	0.11
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/11/82-01/19/93	310	0.007	0.012	0.642	0.003	0.001	0.037	0.003	0.003	0.011	0.02
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	05/11/82-12/30/97	516	0.003	0.005	0.12	0.	0.	0.008	0.	0.	0.006	0.01
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	02/08/83-12/30/97	472	1.2	1.557	8.6	0.1	1.201	1.096	0.7	0.9	1.8	3.4
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/11/82-12/30/97	646	1.5	1.594	2.8	0.	0.223	0.472	1.	1.3	2.	2.3
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/11/82-12/30/97	646	0.3	0.276	2.6	0.	0.025	0.158	0.2	0.2	0.3	0.4
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/11/82-12/30/97	646	0.555	0.656	3.6	0.	0.097	0.311	0.36	0.408	0.87	1.073
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/11/82-12/30/97	646	0.19	0.203	3.6	0.	0.022	0.149	0.12	0.15	0.23	0.27
00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/11/82-12/30/97	649	0.2	0.167	0.7	0.	0.006	0.077	0.08	0.1	0.2	0.2
00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/11/82-12/30/97	646	1.9	1.887	6.3	0.8	0.345	0.588	1.17	1.4	2.2	2.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: ROMO0325

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/07/82-12/31/96	418	0.09	0.085	0.24	0.	0.001	0.029	0.06	0.07	0.1	0.11
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/21/82-12/30/97	554	2.1	2.238	4.7	0.	0.61	0.781	1.3	1.6	2.8	3.4
01046	IRON, DISSOLVED (UG/L AS FE)	12/07/82-09/06/93	335	40.	44.484	100.	0.	504.7	22.466	18.	27.	58.	78.4
01056	MANGANESE, DISSOLVED (UG/L AS MN)	12/07/82-05/11/93	368	2.1	3.188	23.	0.	8.07	2.841	1.	1.	4.475	6.
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/01/82-09/28/93	351	23.	35.752	99.	0.	739.031	27.185	11.	15.	60.	80.
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	06/10/83-12/30/97	604	0.02	0.025	0.15	0.	0.001	0.025	0.	0.004	0.04	0.055
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/11/82-12/30/97	642	1.1	1.032	1.9	0.04	0.146	0.382	0.5	0.8	1.3	1.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0325

				Total	Exceed	Prop.	----------6/10-10/31----------			----------11/01-4/10----------			----------4/11-6/09----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00403	PH, LAB	Fresh Chronic	9.	577	0	0.00	242	0	0.00	199	0	0.00	136	0	0.00			
		Other-Lo Lim.	6.5	577	351	0.61	242	130	0.54	199	114	0.57	136	107	0.79			
00406	PH, FIELD	Fresh Chronic	9.	621	0	0.00	273	0	0.00	182	0	0.00	166	0	0.00			
		Other-Lo Lim.	6.5	621	418	0.67	273	117	0.43	182	143	0.79	166	158	0.95			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	310	0	0.00	134	0	0.00	77	0	0.00	99	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	649	0	0.00	283	0	0.00	199	0	0.00	167	0	0.00			
		Drinking Water	250.	649	0	0.00	283	0	0.00	199	0	0.00	167	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	646	0	0.00	280	0	0.00	199	0	0.00	167	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	418	0	0.00	177	0	0.00	108	0	0.00	133	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	642	0	0.00	278	0	0.00	199	0	0.00	165	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1982 - Station ROMO0325

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/02/82-12/30/97	5	8.	9.2	13.	5.	13.2	3.633	**	**	**	**
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/11/82-12/30/97	10	13.	13.6	18.	10.	13.6	3.688	10.	10.	17.25	18.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/07/82-12/30/97	1	23.	23.	23.	23.	0.	0.	**	**	**	**
00403p	PH, LAB, STANDARD UNITS SU	12/07/82-12/30/97	1	6.2	6.2	6.2	6.2	0.	0.	**	**	**	**
00403p	CONVERTED PH, LAB, STANDARD UNITS	12/07/82-12/30/97	1	6.2	6.2	6.2	6.2	0.	0.	**	**	**	**
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/82-12/30/97	1	0.631	0.631	0.631	0.631	0.	0.	**	**	**	**
00406p	PH, FIELD, STANDARD UNITS SU	05/11/82-12/30/97	10	6.03	6.072	6.63	5.47	0.191	0.437	5.473	5.635	6.57	6.627
00406p	CONVERTED PH, FIELD, STANDARD UNITS	05/11/82-12/30/97	10	6.027	5.889	6.63	5.47	0.228	0.477	5.473	5.635	6.57	6.627
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/11/82-12/30/97	10	0.939	1.29	3.388	0.234	1.401	1.184	0.236	0.269	2.358	3.366
00413p	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	08/02/82-12/30/97	2	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00613p	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/11/82-01/19/93	8	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00653p	PHOSPHATE, TOTAL SOLUBLE (MG/L)	05/11/82-12/30/97	10	0.003	0.005	0.02	0.003	0.	0.005	0.003	0.003	0.003	0.018
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	05/11/82-12/30/97	10	1.1	1.18	2.2	0.7	0.235	0.485	0.7	0.775	1.525	2.14
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/11/82-12/30/97	10	0.2	0.26	0.4	0.2	0.007	0.084	0.2	0.2	0.325	0.4
00930p	SODIUM, DISSOLVED (MG/L AS NA)	05/11/82-12/30/97	10	0.435	0.483	0.9	0.32	0.031	0.176	0.321	0.345	0.555	0.87
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	05/11/82-12/30/97	10	0.145	0.164	0.26	0.09	0.004	0.06	0.091	0.123	0.233	0.258
00941p	CHLORIDE, DISSOLVED IN WATER MG/L	05/11/82-12/30/97	10	0.2	0.2	0.3	0.1	0.007	0.082	0.1	0.1	0.3	0.3
00946p	SULFATE, DISSOLVED (MG/L AS SO4)	05/11/82-12/30/97	10	1.8	1.89	2.9	1.3	0.274	0.524	1.31	1.475	2.35	2.86
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	12/07/82-12/31/96	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00955p	SILICA, DISSOLVED (MG/L AS SI02)	10/21/82-12/30/97	2	2.8	2.8	3.2	2.4	0.32	0.566	**	**	**	**
01046p	IRON, DISSOLVED (UG/L AS FE)	12/07/82-09/06/93	1	51.	51.	51.	51.	0.	0.	**	**	**	**
01056p	MANGANESE, DISSOLVED (UG/L AS MN)	12/07/82-05/11/93	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01106p	ALUMINUM, DISSOLVED (UG/L AS AL)	08/01/82-09/28/93	2	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
71851p	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/11/82-12/30/97	10	1.	1.07	1.7	0.5	0.105	0.323	0.54	0.9	1.3	1.66

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station ROMO0325

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/02/82-12/30/97	8	6.	6.125	12.5	0.	20.482	4.526	**	**	**	**
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/11/82-12/30/97	8	11.	11.375	20.	5.	17.125	4.138	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/07/82-12/30/97	8	14.	15.25	25.	11.	18.786	4.334	**	**	**	**
00403p	PH, LAB, STANDARD UNITS SU	12/07/82-12/30/97	8	6.7	6.725	7.5	6.1	0.262	0.512	**	**	**	**
00403p	CONVERTED PH, LAB, STANDARD UNITS	12/07/82-12/30/97	8	6.604	6.503	7.5	6.1	0.318	0.564	**	**	**	**
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/82-12/30/97	8	0.249	0.314	0.794	0.032	0.083	0.288	**	**	**	**
00406p	PH, FIELD, STANDARD UNITS SU	05/11/82-12/30/97	8	6.55	6.464	6.9	6.	0.096	0.309	**	**	**	**
00406p	CONVERTED PH, FIELD, STANDARD UNITS	05/11/82-12/30/97	8	6.547	6.36	6.9	6.	0.108	0.328	**	**	**	**
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/11/82-12/30/97	8	0.284	0.436	1.	0.126	0.12	0.346	**	**	**	**
00413p	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	08/02/82-12/30/97	7	0.04	0.049	0.12	0.03	0.001	0.032	**	**	**	**
00653p	PHOSPHATE, TOTAL SOLUBLE (MG/L)	05/11/82-12/30/97	8	0.006	0.008	0.02	0.006	0.	0.005	**	**	**	**
00681p	CARBON, DISSOLVED ORGANIC (MG/L AS C)	02/08/83-12/30/97	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	05/11/82-12/30/97	8	1.15	1.313	2.3	1.	0.196	0.442	**	**	**	**
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/11/82-12/30/97	8	0.2	0.2	0.3	0.1	0.006	0.076	**	**	**	**
00930p	SODIUM, DISSOLVED (MG/L AS NA)	05/11/82-12/30/97	8	0.4	0.488	1.	0.4	0.044	0.21	**	**	**	**
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	05/11/82-12/30/97	8	0.2	0.213	0.31	0.15	0.003	0.058	**	**	**	**
00941p	CHLORIDE, DISSOLVED IN WATER MG/L	05/11/82-12/30/97	8	0.08	0.091	0.2	0.005	0.006	0.076	**	**	**	**
00946p	SULFATE, DISSOLVED (MG/L AS SO4)	05/11/82-12/30/97	8	1.45	1.688	2.8	1.2	0.276	0.525	**	**	**	**
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	12/07/82-12/31/96	8	0.075	0.075	0.11	0.05	0.	0.018	**	**	**	**
00955p	SILICA, DISSOLVED (MG/L AS SI02)	10/21/82-12/30/97	8	1.55	1.763	2.9	1.3	0.268	0.518	**	**	**	**
01046p	IRON, DISSOLVED (UG/L AS FE)	12/07/82-09/06/93	7	34.	39.143	56.	28.	131.476	11.466	**	**	**	**
01056p	MANGANESE, DISSOLVED (UG/L AS MN)	12/07/82-05/11/93	8	2.5	2.75	5.	1.	2.214	1.488	**	**	**	**
01106p	ALUMINUM, DISSOLVED (UG/L AS AL)	08/01/82-09/28/93	1	40.	40.	40.	40.	0.	0.	**	**	**	**
71846p	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	06/10/83-12/30/97	7	0.07	0.059	0.08	0.004	0.001	0.028	**	**	**	**
71851p	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/11/82-12/30/97	8	0.85	0.875	1.3	0.4	0.088	0.296	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station ROMO0325

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/02/82-12/30/97	53	6.	4.921	12.	0.	11.135	3.337	0.	1.	8.	9.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/11/82-12/30/97	53	12.	12.887	22.	9.	9.102	3.017	9.4	11.	14.	17.6
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/07/82-12/30/97	52	14.	14.442	23.	9.	9.663	3.109	11.	12.25	15.	20.4
00403p	PH, LAB, STANDARD UNITS SU	12/07/82-12/30/97	52	6.65	6.669	7.4	5.8	0.174	0.417	6.03	6.4	6.9	7.3
00403p	CONVERTED PH, LAB, STANDARD UNITS	12/07/82-12/30/97	52	6.647	6.479	7.4	5.8	0.211	0.459	6.03	6.4	6.9	7.3
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/82-12/30/97	52	0.225	0.332	1.585	0.04	0.118	0.343	0.05	0.126	0.398	0.938
00406p	PH, FIELD, STANDARD UNITS SU	05/11/82-12/30/97	53	6.4	6.336	6.7	5.7	0.068	0.262	5.94	6.15	6.5	6.6
00406p	CONVERTED PH, FIELD, STANDARD UNITS	05/11/82-12/30/97	53	6.4	6.249	6.7	5.7	0.076	0.276	5.94	6.15	6.5	6.6
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/11/82-12/30/97	53	0.398	0.564	1.995	0.2	0.172	0.415	0.251	0.316	0.713	1.155
00413p	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	08/02/82-12/30/97	44	0.04	0.048	0.12	0.02	0.	0.022	0.03	0.04	0.05	0.085
00613p	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/11/82-01/19/93	6	0.007	0.01	0.026	0.007	0.	0.008	**	**	**	**
00653p	PHOSPHATE, TOTAL SOLUBLE (MG/L)	05/11/82-12/30/97	45	0.009	0.012	0.02	0.003	0.	0.008	0.003	0.003	0.02	0.02
00681p	CARBON, DISSOLVED ORGANIC (MG/L AS C)	02/08/83-12/30/97	3	1.1	1.3	2.2	0.6	0.67	0.819	**	**	**	**
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	05/11/82-12/30/97	52	1.3	1.394	2.3	0.9	0.099	0.315	1.03	1.2	1.475	1.94
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/11/82-12/30/97	52	0.2	0.287	2.6	0.1	0.115	0.339	0.2	0.2	0.3	0.4
00930p	SODIUM, DISSOLVED (MG/L AS NA)	05/11/82-12/30/97	52	0.4	0.465	1.	0.3	0.022	0.149	0.4	0.4	0.5	0.67
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	05/11/82-12/30/97	52	0.2	0.216	0.47	0.	0.008	0.087	0.133	0.17	0.23	0.362
00941p	CHLORIDE, DISSOLVED IN WATER MG/L	05/11/82-12/30/97	54	0.1	0.144	0.3	0.	0.004	0.063	0.085	0.1	0.2	0.2
00946p	SULFATE, DISSOLVED (MG/L AS SO4)	05/11/82-12/30/97	52	1.6	1.623	2.5	1.	0.156	0.395	1.13	1.3	1.9	2.3
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	12/07/82-12/31/96	52	0.06	0.064	0.1	0.	0.	0.014	0.05	0.06	0.07	0.08
00955p	SILICA, DISSOLVED (MG/L AS SI02)	10/21/82-12/30/97	52	1.8	1.954	3.9	0.7	0.442	0.665	1.4	1.5	2.1	3.24
01046p	IRON, DISSOLVED (UG/L AS FE)	12/07/82-09/06/93	44	35.5	39.682	82.	13.	366.501	19.144	16.5	23.25	50.75	72.
01056p	MANGANESE, DISSOLVED (UG/L AS MN)	12/07/82-05/11/93	52	2.	3.962	23.	1.	22.038	4.694	1.	1.	6.	9.4
01106p	ALUMINUM, DISSOLVED (UG/L AS AL)	08/01/82-09/28/93	40	60.	58.	90.	0.	529.231	23.005	30.	40.	80.	90.
71846p	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	06/10/83-12/30/97	54	0.05	0.054	0.15	0.004	0.001	0.024	0.02	0.04	0.07	0.08
71851p	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/11/82-12/30/97	50	1.4	1.312	1.9	0.7	0.059	0.243	0.9	1.2	1.4	1.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station ROMO0325

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/02/82-12/30/97	31	4.	4.613	12.	0.	11.645	3.413	0.	2.	8.	8.8
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/11/82-12/30/97	32	13.	12.75	16.	7.	5.032	2.243	9.3	12.	14.75	15.7
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/07/82-12/30/97	33	13.	12.576	16.	8.	4.627	2.151	9.	11.	14.	15.6
00406p	PH, FIELD, STANDARD UNITS SU	05/11/82-12/30/97	32	6.3	6.266	6.7	5.8	0.053	0.231	5.9	6.1	6.475	6.57
00406p	CONVERTED PH, FIELD, STANDARD UNITS	05/11/82-12/30/97	32	6.3	6.205	6.7	5.8	0.057	0.239	5.9	6.1	6.475	6.57
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/11/82-12/30/97	32	0.501	0.623	1.585	0.2	0.121	0.348	0.271	0.337	0.794	1.259
00413p	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	08/02/82-12/30/97	33	0.03	0.036	0.05	0.03	0.	0.007	0.03	0.03	0.04	0.046
00613p	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/11/82-01/19/93	33	0.007	0.009	0.033	0.003	0.	0.006	0.003	0.007	0.01	0.015
00653p	PHOSPHATE, TOTAL SOLUBLE (MG/L)	05/11/82-12/30/97	32	0.01	0.011	0.02	0.003	0.	0.008	0.003	0.003	0.02	0.02
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	05/11/82-12/30/97	33	1.5	1.412	1.7	1.	0.042	0.206	1.04	1.25	1.6	1.66
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/11/82-12/30/97	33	0.2	0.23	0.3	0.1	0.003	0.059	0.2	0.2	0.3	0.3
00930p	SODIUM, DISSOLVED (MG/L AS NA)	05/11/82-12/30/97	33	0.44	0.44	0.53	0.23	0.005	0.07	0.332	0.4	0.5	0.5
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	05/11/82-12/30/97	33	0.17	0.187	0.31	0.11	0.003	0.055	0.124	0.145	0.23	0.27
00941p	CHLORIDE, DISSOLVED IN WATER MG/L	05/11/82-12/30/97	33	0.1	0.132	0.2	0.08	0.002	0.049	0.094	0.1	0.2	0.2
00946p	SULFATE, DISSOLVED (MG/L AS SO4)	05/11/82-12/30/97	33	1.6	1.645	2.1	0.9	0.095	0.308	1.14	1.4	1.9	2.
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	12/07/82-12/31/96	33	0.07	0.074	0.1	0.04	0.	0.012	0.06	0.07	0.08	0.09
00955p	SILICA, DISSOLVED (MG/L AS SI02)	10/21/82-12/30/97	33	2.	1.921	2.8	0.9	0.322	0.567	1.24	1.3	2.45	2.72
01046p	IRON, DISSOLVED (UG/L AS FE)	12/07/82-09/06/93	33	38.	35.909	71.	15.	208.148	14.427	15.4	24.5	41.	59.2
01056p	MANGANESE, DISSOLVED (UG/L AS MN)	12/07/82-05/11/93	33	2.4	3.088	8.6	1.	4.605	2.146	1.	1.	4.9	5.6
01106p	ALUMINUM, DISSOLVED (UG/L AS AL)	08/01/82-09/28/93	26	61.	56.385	95.	18.	701.046	26.477	19.7	29.5	82.	87.6
71846p	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	06/10/83-12/30/97	33	0.02	0.024	0.07	0.001	0.	0.016	0.005	0.01	0.03	0.04
71851p	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/11/82-12/30/97	33	1.1	1.103	1.4	0.4	0.046	0.214	0.8	1.	1.2	1.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station ROMO0325

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/02/82-12/30/97	19	6.	5.921	11.5	1.5	12.646	3.556	1.5	2.	9.	11.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/11/82-12/30/97	22	12.5	12.091	18.	7.	12.848	3.584	7.3	8.	15.	16.7
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/07/82-12/30/97	22	12.5	12.091	19.	8.	14.182	3.766	8.	8.	15.	18.
00403p	PH, LAB, STANDARD UNITS SU	12/07/82-12/30/97	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00403p	CONVERTED PH, LAB, STANDARD UNITS	12/07/82-12/30/97	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/82-12/30/97	1	0.398	0.398	0.398	0.398	0.	0.	**	**	**	**
00406p	PH, FIELD, STANDARD UNITS SU	05/11/82-12/30/97	22	6.15	6.123	6.5	5.8	0.046	0.214	5.83	5.9	6.3	6.4
00406p	CONVERTED PH, FIELD, STANDARD UNITS	05/11/82-12/30/97	22	6.147	6.074	6.5	5.8	0.048	0.219	5.83	5.9	6.3	6.4
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/11/82-12/30/97	22	0.713	0.844	1.585	0.316	0.162	0.403	0.398	0.501	1.259	1.487
00413p	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	08/02/82-12/30/97	21	0.03	0.04	0.09	0.03	0.	0.017	0.03	0.03	0.05	0.068
00613p	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/11/82-01/19/93	22	0.007	0.008	0.016	0.003	0.	0.005	0.003	0.003	0.013	0.015
00653p	PHOSPHATE, TOTAL SOLUBLE (MG/L)	05/11/82-12/30/97	21	0.003	0.005	0.02	0.003	0.	0.004	0.003	0.003	0.006	0.01
00681p	CARBON, DISSOLVED ORGANIC (MG/L AS C)	02/08/83-12/30/97	6	1.25	1.5	2.9	1.	0.528	0.727	**	**	**	**
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	05/11/82-12/30/97	22	1.3	1.223	2.	0.	0.24	0.49	0.66	0.8	1.6	1.77
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/11/82-12/30/97	22	0.2	0.204	0.3	0.	0.009	0.096	0.093	0.1	0.3	0.3
00930p	SODIUM, DISSOLVED (MG/L AS NA)	05/11/82-12/30/97	22	0.4	0.414	0.9	0.	0.035	0.186	0.23	0.3	0.525	0.6
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	05/11/82-12/30/97	22	0.195	0.181	0.3	0.01	0.005	0.068	0.11	0.12	0.23	0.267
00941p	CHLORIDE, DISSOLVED IN WATER MG/L	05/11/82-12/30/97	22	0.1	0.128	0.3	0.07	0.004	0.065	0.07	0.078	0.2	0.2
00946p	SULFATE, DISSOLVED (MG/L AS SO4)	05/11/82-12/30/97	22	1.55	1.564	4.4	0.9	0.613	0.783	0.9	0.9	1.9	2.17
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	12/07/82-12/31/96	22	0.07	0.071	0.1	0.05	0.	0.013	0.06	0.06	0.08	0.094
00955p	SILICA, DISSOLVED (MG/L AS SI02)	10/21/82-12/30/97	22	1.9	2.059	3.7	0.	1.243	1.115	0.93	1.075	3.3	3.57
01046p	IRON, DISSOLVED (UG/L AS FE)	12/07/82-09/06/93	21	43.	45.381	99.	0.	774.748	27.834	10.6	23.5	72.5	87.
01056p	MANGANESE, DISSOLVED (UG/L AS MN)	12/07/82-05/11/93	22	2.15	2.945	9.7	0.	5.918	2.433	1.	1.	4.85	5.9
01106p	ALUMINUM, DISSOLVED (UG/L AS AL)	08/01/82-09/28/93	17	28.	41.765	98.	0.	899.066	29.984	10.4	16.	64.	89.2
71846p	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	06/10/83-12/30/97	21	0.01	0.011	0.02	0.001	0.	0.007	0.001	0.005	0.02	0.02
71851p	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/11/82-12/30/97	22	0.7	0.764	1.6	0.4	0.109	0.33	0.4	0.5	1.	1.34

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station ROMO0325

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/02/82-12/30/97	16	8.	6.063	12.	0.	19.396	4.404	0.	2.	9.75	11.3
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/11/82-12/30/97	67	14.	15.94	131.	8.	216.572	14.716	9.	12.	18.	20.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/07/82-12/30/97	67	15.	15.209	21.	9.	13.016	3.608	10.	13.	19.	20.
00403p	PH, LAB, STANDARD UNITS SU	12/07/82-12/30/97	67	6.5	6.528	7.2	5.5	0.063	0.251	6.28	6.4	6.7	6.8
00403p	CONVERTED PH, LAB, STANDARD UNITS	12/07/82-12/30/97	67	6.5	6.442	7.2	5.5	0.07	0.265	6.28	6.4	6.7	6.8
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/82-12/30/97	67	0.316	0.361	3.162	0.063	0.14	0.374	0.158	0.2	0.398	0.527
00406p	PH, FIELD, STANDARD UNITS SU	05/11/82-12/30/97	67	6.38	6.379	6.76	6.08	0.04	0.2	6.13	6.2	6.54	6.672
00406p	CONVERTED PH, FIELD, STANDARD UNITS	05/11/82-12/30/97	67	6.38	6.336	6.76	6.08	0.042	0.204	6.13	6.2	6.54	6.672
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/11/82-12/30/97	67	0.417	0.462	0.832	0.174	0.04	0.201	0.213	0.288	0.631	0.741
00413p	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	08/02/82-12/30/97	67	0.05	0.058	0.11	0.01	0.001	0.027	0.03	0.04	0.09	0.1
00613p	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/11/82-01/19/93	67	0.003	0.009	0.099	0.003	0.	0.014	0.003	0.003	0.01	0.016
00653p	PHOSPHATE, TOTAL SOLUBLE (MG/L)	05/11/82-12/30/97	62	0.003	0.005	0.03	0.003	0.	0.005	0.003	0.003	0.004	0.01
00681p	CARBON, DISSOLVED ORGANIC (MG/L AS C)	02/08/83-12/30/97	60	1.8	2.37	4.9	0.9	1.612	1.27	1.1	1.3	3.6	4.29
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	05/11/82-12/30/97	67	1.4	1.484	2.2	0.2	0.167	0.409	1.	1.2	1.9	2.1
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/11/82-12/30/97	67	0.3	0.299	2.6	0.1	0.086	0.293	0.2	0.2	0.3	0.32
00930p	SODIUM, DISSOLVED (MG/L AS NA)	05/11/82-12/30/97	67	0.5	0.631	3.6	0.29	0.19	0.436	0.36	0.42	0.8	1.
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	05/11/82-12/30/97	67	0.26	0.246	0.43	0.02	0.007	0.083	0.15	0.17	0.28	0.38
00941p	CHLORIDE, DISSOLVED IN WATER MG/L	05/11/82-12/30/97	68	0.2	0.17	0.3	0.	0.003	0.053	0.1	0.1	0.2	0.2
00946p	SULFATE, DISSOLVED (MG/L AS SO4)	05/11/82-12/30/97	67	1.8	1.816	3.8	1.	0.213	0.461	1.18	1.6	2.2	2.3
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	12/07/82-12/31/96	67	0.09	0.09	0.11	0.05	0.	0.017	0.07	0.07	0.1	0.11
00955p	SILICA, DISSOLVED (MG/L AS SI02)	10/21/82-12/30/97	67	2.4	2.519	3.7	1.3	0.594	0.771	1.4	1.9	3.4	3.52
01046p	IRON, DISSOLVED (UG/L AS FE)	12/07/82-09/06/93	46	50.5	50.674	98.	13.	489.602	22.127	20.5	32.75	66.25	83.2
01056p	MANGANESE, DISSOLVED (UG/L AS MN)	12/07/82-05/11/93	67	2.2	2.77	8.3	1.	3.19	1.786	1.	1.	4.5	5.12
01106p	ALUMINUM, DISSOLVED (UG/L AS AL)	08/01/82-09/28/93	53	26.	38.302	98.	6.	723.792	26.903	14.4	18.5	57.	88.8
71846p	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	06/10/83-12/30/97	67	0.02	0.017	0.06	0.001	0.	0.015	0.001	0.004	0.03	0.04

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station ROMO0325

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71851p	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/11/82-12/30/97	66	1.	1.024	1.6	0.6	0.042	0.205	0.77	0.9	1.2	1.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station ROMO0325

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/02/82-12/30/97	33	3.5	4.479	11.5	0.	12.408	3.522	1.	1.55	7.5	10.5
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/11/82-12/30/97	42	13.	13.167	23.	5.	17.02	4.126	8.	9.75	16.	18.7
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/07/82-12/30/97	42	14.	13.714	20.	9.	9.624	3.102	10.	10.	16.	18.
00403p	PH, LAB, STANDARD UNITS SU	12/07/82-12/30/97	42	6.5	6.49	6.8	6.2	0.026	0.162	6.3	6.375	6.6	6.7
00403p	CONVERTED PH, LAB, STANDARD UNITS	12/07/82-12/30/97	42	6.5	6.462	6.8	6.2	0.027	0.165	6.3	6.375	6.6	6.7
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/82-12/30/97	42	0.316	0.345	0.631	0.158	0.016	0.126	0.2	0.251	0.424	0.501
00406p	PH, FIELD, STANDARD UNITS SU	05/11/82-12/30/97	39	6.19	6.265	6.71	5.82	0.073	0.27	5.92	6.03	6.54	6.61
00406p	CONVERTED PH, FIELD, STANDARD UNITS	05/11/82-12/30/97	39	6.19	6.188	6.71	5.82	0.079	0.28	5.92	6.03	6.54	6.61
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/11/82-12/30/97	39	0.646	0.649	1.514	0.195	0.138	0.372	0.245	0.288	0.933	1.202
00413p	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	08/02/82-12/30/97	42	0.045	0.052	0.09	0.03	0.	0.017	0.033	0.04	0.06	0.08
00613p	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/11/82-01/19/93	39	0.007	0.008	0.02	0.003	0.	0.004	0.003	0.007	0.01	0.013
00653p	PHOSPHATE, TOTAL SOLUBLE (MG/L)	05/11/82-12/30/97	40	0.003	0.005	0.02	0.003	0.	0.005	0.003	0.003	0.006	0.019
00681p	CARBON, DISSOLVED ORGANIC (MG/L AS C)	02/08/83-12/30/97	36	1.65	2.275	8.6	0.7	2.81	1.676	0.8	0.9	3.375	4.36
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	05/11/82-12/30/97	42	1.4	1.44	2.1	0.9	0.131	0.362	1.	1.1	1.725	2.
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/11/82-12/30/97	42	0.2	0.238	0.4	0.1	0.005	0.07	0.13	0.2	0.3	0.3
00930p	SODIUM, DISSOLVED (MG/L AS NA)	05/11/82-12/30/97	42	0.52	0.543	0.88	0.23	0.029	0.169	0.353	0.385	0.66	0.804
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	05/11/82-12/30/97	42	0.165	0.279	3.6	0.11	0.282	0.531	0.11	0.13	0.27	0.327
00941p	CHLORIDE, DISSOLVED IN WATER MG/L	05/11/82-12/30/97	42	0.2	0.185	0.4	0.06	0.008	0.089	0.07	0.1	0.225	0.3
00946p	SULFATE, DISSOLVED (MG/L AS SO4)	05/11/82-12/30/97	42	1.8	1.788	2.6	1.1	0.226	0.476	1.1	1.275	2.2	2.4
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	12/07/82-12/31/96	42	0.09	0.085	0.12	0.01	0.	0.021	0.063	0.08	0.1	0.1
00955p	SILICA, DISSOLVED (MG/L AS SI02)	10/21/82-12/30/97	42	1.6	1.898	3.	1.2	0.334	0.578	1.3	1.4	2.4	2.87
01046p	IRON, DISSOLVED (UG/L AS FE)	12/07/82-09/06/93	40	42.	48.6	98.	19.	538.041	23.196	24.1	27.25	71.25	88.
01056p	MANGANESE, DISSOLVED (UG/L AS MN)	12/07/82-05/11/93	42	2.1	3.064	11.	1.	5.083	2.255	1.	1.475	4.3	6.86
01106p	ALUMINUM, DISSOLVED (UG/L AS AL)	08/01/82-09/28/93	39	32.	44.436	96.	12.	677.358	26.026	17.	22.	68.	83.
71846p	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	06/10/83-12/30/97	40	0.01	0.024	0.09	0.001	0.001	0.024	0.003	0.004	0.048	0.059
71851p	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/11/82-12/30/97	42	0.75	0.802	1.3	0.5	0.046	0.214	0.53	0.7	0.925	1.17

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Annual Analysis for 1989 - Station ROMO0325

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/11/82-12/30/97	14	14.5	14.	18.	0.	19.231	4.385	6.	13.75	17.	17.5
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/07/82-12/30/97	15	14.	15.133	20.	11.	5.838	2.416	12.2	14.	17.	18.8
00403p	PH, LAB, STANDARD UNITS SU	12/07/82-12/30/97	11	6.8	6.809	7.3	6.6	0.033	0.181	6.62	6.7	6.8	7.22
00403p	CONVERTED PH, LAB, STANDARD UNITS	12/07/82-12/30/97	11	6.8	6.782	7.3	6.6	0.034	0.184	6.62	6.7	6.8	7.22
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/82-12/30/97	11	0.158	0.165	0.251	0.05	0.003	0.051	0.065	0.158	0.2	0.241
00406p	PH, FIELD, STANDARD UNITS SU	05/11/82-12/30/97	17	6.54	6.552	6.85	6.39	0.012	0.11	6.422	6.455	6.605	6.698
00406p	CONVERTED PH, FIELD, STANDARD UNITS	05/11/82-12/30/97	17	6.54	6.539	6.85	6.39	0.012	0.111	6.422	6.455	6.605	6.698
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/11/82-12/30/97	17	0.288	0.289	0.407	0.141	0.005	0.067	0.203	0.248	0.351	0.379
00413p	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	08/02/82-12/30/97	15	0.05	0.055	0.08	0.03	0.	0.015	0.036	0.05	0.07	0.08
00613p	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/11/82-01/19/93	15	0.01	0.053	0.642	0.003	0.027	0.163	0.003	0.007	0.013	0.269
00653p	PHOSPHATE, TOTAL SOLUBLE (MG/L)	05/11/82-12/30/97	15	0.003	0.003	0.006	0.003	0.	0.001	0.003	0.003	0.003	0.006
00681p	CARBON, DISSOLVED ORGANIC (MG/L AS C)	02/08/83-12/30/97	11	0.8	1.027	1.8	0.7	0.118	0.344	0.72	0.8	1.3	1.72
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	05/11/82-12/30/97	15	1.5	1.647	2.2	1.3	0.076	0.275	1.36	1.4	1.9	2.08
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/11/82-12/30/97	15	0.2	0.24	0.3	0.2	0.003	0.051	0.2	0.2	0.3	0.3
00930p	SODIUM, DISSOLVED (MG/L AS NA)	05/11/82-12/30/97	15	0.71	0.721	0.97	0.53	0.015	0.124	0.548	0.61	0.79	0.934
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	05/11/82-12/30/97	15	0.18	0.182	0.21	0.15	0.	0.019	0.156	0.17	0.2	0.21

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Annual Analysis for 1989 - Station ROMO0325

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00941p	CHLORIDE, DISSOLVED IN WATER MG/L	05/11/82-12/30/97	15	0.2	0.193	0.2	0.1	0.001	0.026	0.16	0.2	0.2	0.2
00946p	SULFATE, DISSOLVED (MG/L AS SO4)	05/11/82-12/30/97	15	2.	2.107	2.6	1.6	0.108	0.328	1.66	1.9	2.5	2.54
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	12/07/82-12/31/96	15	0.1	0.097	0.11	0.08	0.	0.008	0.086	0.09	0.1	0.11
00955p	SILICA, DISSOLVED (MG/L AS SI02)	10/21/82-12/30/97	15	1.9	2.02	2.5	1.7	0.057	0.24	1.76	1.8	2.2	2.38
01046p	IRON, DISSOLVED (UG/L AS FE)	12/07/82-09/06/93	15	22.	27.133	61.	10.	194.124	13.933	14.8	19.	29.	57.4
01056p	MANGANESE, DISSOLVED (UG/L AS MN)	12/07/82-05/11/93	15	1.4	1.353	2.1	1.	0.104	0.323	1.	1.	1.6	1.86
01106p	ALUMINUM, DISSOLVED (UG/L AS AL)	08/01/82-09/28/93	15	12.	19.333	62.	7.	226.524	15.051	8.8	11.	27.	49.4
71846p	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	06/10/83-12/30/97	15	0.01	0.015	0.04	0.001	0.	0.012	0.002	0.006	0.03	0.034
71851p	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/11/82-12/30/97	15	0.9	0.804	1.5	0.04	0.27	0.52	0.04	0.04	1.3	1.38

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Annual Analysis for 1990 - Station ROMO0325

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/02/82-12/30/97	19	7.	6.553	12.5	1.	20.136	4.487	1.	2.	11.	12.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/11/82-12/30/97	31	14.	14.355	22.	11.	7.703	2.775	12.	12.	16.	18.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/07/82-12/30/97	33	14.	14.576	22.	10.	11.877	3.446	10.4	11.5	18.	19.
00403p	PH, LAB, STANDARD UNITS SU	12/07/82-12/30/97	33	6.6	6.558	7.	6.2	0.035	0.187	6.3	6.4	6.7	6.8
00403p	CONVERTED PH, LAB, STANDARD UNITS	12/07/82-12/30/97	33	6.6	6.519	7.	6.2	0.037	0.191	6.3	6.4	6.7	6.8
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/82-12/30/97	33	0.251	0.303	0.631	0.1	0.018	0.133	0.158	0.2	0.398	0.501
00406p	PH, FIELD, STANDARD UNITS SU	05/11/82-12/30/97	34	6.36	6.305	6.94	5.75	0.084	0.291	5.865	6.047	6.523	6.65
00406p	CONVERTED PH, FIELD, STANDARD UNITS	05/11/82-12/30/97	34	6.36	6.21	6.94	5.75	0.094	0.306	5.865	6.047	6.522	6.65
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/11/82-12/30/97	34	0.437	0.616	1.778	0.115	0.185	0.43	0.225	0.3	0.896	1.365
00413p	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	08/02/82-12/30/97	33	0.05	0.046	0.1	0.01	0.	0.019	0.024	0.03	0.06	0.07
00613p	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/11/82-01/19/93	33	0.007	0.011	0.062	0.003	0.	0.012	0.003	0.007	0.01	0.03
00653p	PHOSPHATE, TOTAL SOLUBLE (MG/L)	05/11/82-12/30/97	33	0.006	0.007	0.02	0.003	0.	0.005	0.003	0.003	0.009	0.02
00681p	CARBON, DISSOLVED ORGANIC (MG/L AS C)	02/08/83-12/30/97	32	1.	1.463	3.7	0.7	0.942	0.97	0.8	0.8	1.575	3.48
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	05/11/82-12/30/97	33	1.4	1.521	2.4	1.	0.141	0.376	1.1	1.25	1.85	2.
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/11/82-12/30/97	33	0.2	0.245	0.4	0.1	0.004	0.062	0.2	0.2	0.3	0.3
00930p	SODIUM, DISSOLVED (MG/L AS NA)	05/11/82-12/30/97	33	0.6	0.591	1.6	0.2	0.063	0.252	0.4	0.4	0.7	0.86
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	05/11/82-12/30/97	33	0.18	0.18	0.32	0.12	0.002	0.048	0.124	0.14	0.215	0.24
00941p	CHLORIDE, DISSOLVED IN WATER MG/L	05/11/82-12/30/97	33	0.2	0.166	0.3	0.09	0.004	0.061	0.094	0.1	0.2	0.2
00946p	SULFATE, DISSOLVED (MG/L AS SO4)	05/11/82-12/30/97	33	1.8	1.924	3.1	1.2	0.289	0.538	1.3	1.4	2.4	2.6
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	12/07/82-12/31/96	33	0.09	0.091	0.13	0.01	0.	0.02	0.074	0.08	0.1	0.11
00955p	SILICA, DISSOLVED (MG/L AS SI02)	10/21/82-12/30/97	33	1.9	2.067	3.3	0.4	0.397	0.63	1.38	1.6	2.55	3.2
01046p	IRON, DISSOLVED (UG/L AS FE)	12/07/82-09/06/93	32	30.5	34.344	99.	11.	500.684	22.376	15.	17.25	39.75	73.4
01056p	MANGANESE, DISSOLVED (UG/L AS MN)	12/07/82-05/11/93	33	1.	2.212	11.	1.	4.922	2.219	1.	1.	2.	5.6
01106p	ALUMINUM, DISSOLVED (UG/L AS AL)	08/01/82-09/28/93	32	18.	33.219	99.	8.	976.37	31.247	9.3	14.	40.75	96.1
71846p	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	06/10/83-12/30/97	33	0.01	0.019	0.14	0.001	0.001	0.028	0.001	0.004	0.02	0.056
71851p	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/11/82-12/30/97	33	1.2	1.133	1.8	0.04	0.163	0.404	0.74	0.9	1.4	1.6

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Annual Analysis for 1991 - Station ROMO0325

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/02/82-12/30/97	31	1.	3.297	10.	0.	11.874	3.446	0.5	0.5	7.2	9.3
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/11/82-12/30/97	46	15.	15.887	25.	0.8	24.277	4.927	10.7	12.	20.	23.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/07/82-12/30/97	49	16.	16.347	25.	9.	16.856	4.106	11.	13.	19.	23.
00403p	PH, LAB, STANDARD UNITS SU	12/07/82-12/30/97	48	6.6	6.567	7.8	4.2	0.206	0.454	6.3	6.4	6.7	6.91
00403p	CONVERTED PH, LAB, STANDARD UNITS	12/07/82-12/30/97	48	6.6	5.797	7.8	4.2	0.81	0.9	6.3	6.4	6.7	6.91
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/82-12/30/97	48	0.251	1.594	63.096	0.016	82.212	9.067	0.123	0.2	0.398	0.501
00406p	PH, FIELD, STANDARD UNITS SU	05/11/82-12/30/97	50	6.375	6.463	7.02	5.58	0.105	0.324	6.123	6.29	6.76	6.86
00406p	CONVERTED PH, FIELD, STANDARD UNITS	05/11/82-12/30/97	50	6.375	6.328	7.02	5.58	0.123	0.351	6.123	6.29	6.76	6.86

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Annual Analysis for 1991 - Station ROMO0325

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/11/82-12/30/97	50	0.422	0.47	2.63	0.095	0.242	0.492	0.138	0.174	0.513	0.754
00413p	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	08/02/82-12/30/97	47	0.05	0.059	0.11	0.01	0.001	0.03	0.026	0.04	0.09	0.1
00613p	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/11/82-01/19/93	49	0.01	0.014	0.069	0.003	0.	0.013	0.003	0.005	0.018	0.033
00653p	PHOSPHATE, TOTAL SOLUBLE (MG/L)	05/11/82-12/30/97	41	0.003	0.005	0.02	0.003	0.	0.004	0.003	0.003	0.003	0.009
00681p	CARBON, DISSOLVED ORGANIC (MG/L AS C)	02/08/83-12/30/97	48	1.	1.238	5.7	0.1	0.983	0.992	0.79	0.8	1.1	1.79
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	05/11/82-12/30/97	49	1.6	1.743	2.8	1.	0.196	0.443	1.2	1.45	2.05	2.4
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/11/82-12/30/97	49	0.3	0.273	0.4	0.2	0.005	0.07	0.2	0.2	0.3	0.4
00930p	SODIUM, DISSOLVED (MG/L AS NA)	05/11/82-12/30/97	49	0.7	0.716	1.2	0.4	0.058	0.241	0.4	0.5	0.9	1.1
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	05/11/82-12/30/97	49	0.2	0.208	0.53	0.13	0.004	0.065	0.15	0.17	0.24	0.27
00941p	CHLORIDE, DISSOLVED IN WATER MG/L	05/11/82-12/30/97	49	0.2	0.191	0.4	0.08	0.006	0.08	0.1	0.1	0.2	0.3
00946p	SULFATE, DISSOLVED (MG/L AS SO4)	05/11/82-12/30/97	49	2.	2.088	3.3	1.1	0.311	0.558	1.4	1.7	2.45	3.1
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	12/07/82-12/31/96	49	0.1	0.105	0.24	0.07	0.001	0.031	0.07	0.09	0.11	0.12
00955p	SILICA, DISSOLVED (MG/L AS SI02)	10/21/82-12/30/97	49	1.9	1.88	3.1	0.7	0.396	0.629	0.9	1.4	2.25	2.8
01046p	IRON, DISSOLVED (UG/L AS FE)	12/07/82-09/06/93	49	43.	45.735	94.	12.	360.782	18.994	22.	31.5	52.5	78.
01056p	MANGANESE, DISSOLVED (UG/L AS MN)	12/07/82-05/11/93	49	3.	3.102	10.	1.	3.76	1.939	1.	1.	4.	5.
01106p	ALUMINUM, DISSOLVED (UG/L AS AL)	08/01/82-09/28/93	47	14.	18.234	80.	7.	197.835	14.065	8.	10.	20.	25.2
71846p	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	06/10/83-12/30/97	49	0.02	0.021	0.1	0.001	0.	0.019	0.001	0.01	0.02	0.03
71851p	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/11/82-12/30/97	48	1.2	0.927	1.6	0.04	0.25	0.5	0.2	0.325	1.375	1.41

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station ROMO0325

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/02/82-12/30/97	15	2.5	3.867	12.	0.	20.767	4.557	0.	0.	7.5	12.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/11/82-12/30/97	33	18.	17.355	24.	0.7	24.861	4.986	11.4	14.	21.	23.6
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/07/82-12/30/97	49	15.	16.245	25.	9.	22.48	4.741	10.	13.	20.5	24.
00403p	PH, LAB, STANDARD UNITS SU	12/07/82-12/30/97	53	6.6	6.557	7.	4.5	0.133	0.364	6.3	6.5	6.7	6.8
00403p	CONVERTED PH, LAB, STANDARD UNITS	12/07/82-12/30/97	53	6.6	6.048	7.	4.5	0.396	0.63	6.3	6.5	6.7	6.8
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/82-12/30/97	53	0.251	0.896	31.623	0.1	18.591	4.312	0.158	0.2	0.316	0.501
00406p	PH, FIELD, STANDARD UNITS SU	05/11/82-12/30/97	36	6.46	6.49	7.	5.35	0.094	0.307	6.258	6.315	6.675	6.946
00406p	CONVERTED PH, FIELD, STANDARD UNITS	05/11/82-12/30/97	36	6.46	6.339	7.	5.35	0.118	0.343	6.258	6.315	6.675	6.946
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/11/82-12/30/97	36	0.347	0.458	4.467	0.1	0.5	0.707	0.113	0.211	0.484	0.553
00413p	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	08/02/82-12/30/97	53	0.06	0.071	0.13	0.01	0.001	0.033	0.04	0.04	0.11	0.116
00613p	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/11/82-01/19/93	35	0.01	0.011	0.053	0.003	0.	0.011	0.003	0.003	0.016	0.028
00653p	PHOSPHATE, TOTAL SOLUBLE (MG/L)	05/11/82-12/30/97	34	0.003	0.004	0.009	0.003	0.	0.002	0.003	0.003	0.006	0.006
00681p	CARBON, DISSOLVED ORGANIC (MG/L AS C)	02/08/83-12/30/97	39	0.9	1.249	3.6	0.6	0.732	0.856	0.6	0.7	1.2	3.
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	05/11/82-12/30/97	53	1.7	1.757	2.6	1.1	0.215	0.464	1.1	1.4	2.15	2.46
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/11/82-12/30/97	53	0.3	0.287	0.8	0.2	0.01	0.1	0.2	0.2	0.3	0.4
00930p	SODIUM, DISSOLVED (MG/L AS NA)	05/11/82-12/30/97	53	0.68	0.717	1.1	0.3	0.061	0.248	0.418	0.5	1.	1.1
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	05/11/82-12/30/97	53	0.19	0.198	0.31	0.12	0.002	0.046	0.14	0.16	0.22	0.27
00941p	CHLORIDE, DISSOLVED IN WATER MG/L	05/11/82-12/30/97	53	0.2	0.198	0.7	0.06	0.011	0.107	0.074	0.15	0.2	0.36
00946p	SULFATE, DISSOLVED (MG/L AS SO4)	05/11/82-12/30/97	53	2.2	2.232	3.4	1.4	0.255	0.505	1.4	1.9	2.55	3.
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	12/07/82-12/31/96	39	0.1	0.101	0.17	0.04	0.001	0.028	0.07	0.08	0.12	0.15
00955p	SILICA, DISSOLVED (MG/L AS SI02)	10/21/82-12/30/97	39	2.5	2.462	3.2	1.4	0.252	0.502	1.6	2.2	2.9	3.1
01046p	IRON, DISSOLVED (UG/L AS FE)	12/07/82-09/06/93	34	47.	49.5	95.	8.	623.47	24.969	18.5	26.75	72.75	81.5
01056p	MANGANESE, DISSOLVED (UG/L AS MN)	12/07/82-05/11/93	35	3.	3.914	15.	1.	11.257	3.355	1.	1.	5.	8.8
01106p	ALUMINUM, DISSOLVED (UG/L AS AL)	08/01/82-09/28/93	39	15.	25.026	96.	1.	509.71	22.577	9.	12.	27.	69.
71846p	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	06/10/83-12/30/97	51	0.02	0.023	0.09	0.	0.	0.019	0.	0.008	0.03	0.05
71851p	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/11/82-12/30/97	53	1.2	1.193	1.9	0.04	0.173	0.416	0.64	0.9	1.5	1.9

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station ROMO0325

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/02/82-12/30/97	27	1.5	3.178	10.5	0.	12.857	3.586	0.	0.5	7.	9.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/11/82-12/30/97	51	17.	17.745	25.	8.	26.274	5.126	9.	14.	23.	24.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/07/82-12/30/97	22	13.5	15.045	24.	9.	20.045	4.477	9.3	11.75	18.	23.7
00403p	PH, LAB, STANDARD UNITS SU	12/07/82-12/30/97	61	6.6	6.561	7.1	6.1	0.031	0.177	6.32	6.4	6.7	6.8
00403p	CONVERTED PH, LAB, STANDARD UNITS	12/07/82-12/30/97	61	6.6	6.525	7.1	6.1	0.033	0.181	6.32	6.4	6.7	6.8
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/82-12/30/97	61	0.251	0.298	0.794	0.079	0.016	0.126	0.158	0.2	0.398	0.481
00406p	PH, FIELD, STANDARD UNITS SU	05/11/82-12/30/97	54	6.635	6.581	6.9	6.18	0.035	0.188	6.305	6.425	6.745	6.79
00406p	CONVERTED PH, FIELD, STANDARD UNITS	05/11/82-12/30/97	54	6.635	6.541	6.9	6.18	0.037	0.192	6.305	6.425	6.745	6.79
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/11/82-12/30/97	54	0.232	0.288	0.661	0.126	0.017	0.13	0.162	0.18	0.376	0.496
00413p	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	08/02/82-12/30/97	61	0.06	0.07	0.12	0.03	0.001	0.033	0.04	0.04	0.11	0.118
00613p	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/11/82-01/19/93	3	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00653p	PHOSPHATE, TOTAL SOLUBLE (MG/L)	05/11/82-12/30/97	4	0.003	0.002	0.003	0.	0.	0.002	**	**	**	**
00681p	CARBON, DISSOLVED ORGANIC (MG/L AS C)	02/08/83-12/30/97	55	0.9	1.033	3.9	0.3	0.499	0.706	0.4	0.5	1.3	2.12
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	05/11/82-12/30/97	61	1.7	1.743	2.5	0.9	0.257	0.507	1.02	1.3	2.2	2.4
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/11/82-12/30/97	61	0.3	0.292	0.4	0.1	0.008	0.09	0.2	0.2	0.4	0.4
00930p	SODIUM, DISSOLVED (MG/L AS NA)	05/11/82-12/30/97	61	0.63	0.723	1.2	0.	0.084	0.29	0.39	0.485	1.01	1.1
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	05/11/82-12/30/97	61	0.21	0.196	0.3	0.1	0.003	0.051	0.12	0.15	0.24	0.25
00941p	CHLORIDE, DISSOLVED IN WATER MG/L	05/11/82-12/30/97	61	0.2	0.18	0.4	0.09	0.005	0.073	0.1	0.1	0.2	0.2
00946p	SULFATE, DISSOLVED (MG/L AS SO4)	05/11/82-12/30/97	61	2.1	2.152	3.4	1.1	0.419	0.647	1.2	1.6	2.6	3.06
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	12/07/82-12/31/96	41	0.1	0.098	0.17	0.05	0.	0.021	0.072	0.09	0.1	0.128
00955p	SILICA, DISSOLVED (MG/L AS SI02)	10/21/82-12/30/97	45	2.8	2.684	4.6	1.2	1.015	1.007	1.4	1.65	3.6	4.02
01046p	IRON, DISSOLVED (UG/L AS FE)	12/07/82-09/06/93	13	75.	76.	100.	54.	244.	15.62	55.6	62.	88.5	100.
01056p	MANGANESE, DISSOLVED (UG/L AS MN)	12/07/82-05/11/93	11	6.	7.155	13.7	4.	8.889	2.981	4.	5.	8.8	13.16
01106p	ALUMINUM, DISSOLVED (UG/L AS AL)	08/01/82-09/28/93	40	17.	26.6	85.	9.	435.426	20.867	12.	14.25	29.5	68.4
71846p	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	06/10/83-12/30/97	33	0.03	0.046	0.15	0.	0.002	0.044	0.	0.02	0.06	0.14
71851p	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/11/82-12/30/97	61	1.2	1.175	1.8	0.6	0.065	0.255	0.72	1.1	1.3	1.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station ROMO0325

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/02/82-12/30/97	41	2.	3.939	15.	-2.	23.252	4.822	0.	0.	8.	11.5
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/11/82-12/30/97	52	16.	15.421	23.	0.9	23.874	4.886	8.	13.	19.	21.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/07/82-12/30/97	52	13.5	13.442	20.	8.	13.977	3.739	8.	10.	17.	18.
00403p	PH, LAB, STANDARD UNITS SU	12/07/82-12/30/97	52	6.5	6.431	6.9	6.1	0.048	0.22	6.1	6.3	6.6	6.7
00403p	CONVERTED PH, LAB, STANDARD UNITS	12/07/82-12/30/97	52	6.5	6.377	6.9	6.1	0.051	0.227	6.1	6.3	6.6	6.7
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/82-12/30/97	52	0.316	0.42	0.794	0.126	0.045	0.212	0.2	0.251	0.501	0.794
00406p	PH, FIELD, STANDARD UNITS SU	05/11/82-12/30/97	52	6.46	6.522	7.25	5.9	0.073	0.271	6.273	6.35	6.688	6.844
00406p	CONVERTED PH, FIELD, STANDARD UNITS	05/11/82-12/30/97	52	6.46	6.442	7.25	5.9	0.08	0.282	6.273	6.35	6.687	6.844
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/11/82-12/30/97	52	0.347	0.361	1.259	0.056	0.057	0.239	0.143	0.205	0.447	0.533
00413p	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	08/02/82-12/30/97	52	0.055	0.071	0.13	0.03	0.001	0.035	0.04	0.04	0.11	0.12
00653p	PHOSPHATE, TOTAL SOLUBLE (MG/L)	05/11/82-12/30/97	22 ##	0.	0.005	0.12	0.	0.001	0.026	0.	0.	0.	0.
00681p	CARBON, DISSOLVED ORGANIC (MG/L AS C)	02/08/83-12/30/97	46	1.2	1.459	5.2	0.5	1.162	1.078	0.6	0.8	1.325	3.2
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	05/11/82-12/30/97	52	1.65	1.625	2.5	0.8	0.258	0.508	0.9	1.225	2.	2.3
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/11/82-12/30/97	52	0.3	0.281	0.4	0.1	0.011	0.105	0.1	0.2	0.4	0.4
00930p	SODIUM, DISSOLVED (MG/L AS NA)	05/11/82-12/30/97	52	0.735	0.714	1.16	0.32	0.075	0.275	0.35	0.463	0.98	1.084
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	05/11/82-12/30/97	52	0.17	0.178	0.38	0.08	0.003	0.053	0.11	0.143	0.22	0.23
00941p	CHLORIDE, DISSOLVED IN WATER MG/L	05/11/82-12/30/97	52	0.2	0.165	0.4	0.05	0.006	0.075	0.08	0.1	0.2	0.27
00946p	SULFATE, DISSOLVED (MG/L AS SO4)	05/11/82-12/30/97	52	1.95	1.975	3.3	0.9	0.437	0.661	1.1	1.4	2.5	2.8
00955p	SILICA, DISSOLVED (MG/L AS SI02)	10/21/82-12/30/97	52	2.1	2.175	4.	1.1	0.43	0.656	1.3	1.625	2.675	3.07
71846p	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	06/10/83-12/30/97	52	0.02	0.025	0.15	0.	0.001	0.032	0.	0.	0.03	0.07
71851p	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/11/82-12/30/97	52	1.	0.992	1.7	0.2	0.137	0.37	0.53	0.7	1.2	1.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1995 - Station ROMO0325

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/02/82-12/30/97	39	0.5	2.931	13.	0.	20.155	4.489	0.	0.	4.	12.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/11/82-12/30/97	44	15.	14.318	23.	6.	18.966	4.355	8.	11.25	18.	19.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/07/82-12/30/97	44	13.	13.068	21.	7.	14.158	3.763	7.	10.	15.	18.
00403p	PH, LAB, STANDARD UNITS SU	12/07/82-12/30/97	44	6.25	6.207	6.5	5.5	0.051	0.227	5.9	6.1	6.3	6.5
00403p	CONVERTED PH, LAB, STANDARD UNITS	12/07/82-12/30/97	44	6.247	6.136	6.5	5.5	0.056	0.238	5.9	6.1	6.3	6.5
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/82-12/30/97	44	0.566	0.731	3.162	0.316	0.304	0.551	0.316	0.501	0.794	1.292
00406p	PH, FIELD, STANDARD UNITS SU	05/11/82-12/30/97	44	6.395	6.353	6.62	6.02	0.028	0.168	6.095	6.225	6.488	6.565
00406p	CONVERTED PH, FIELD, STANDARD UNITS	05/11/82-12/30/97	44	6.395	6.321	6.62	6.02	0.029	0.172	6.095	6.225	6.487	6.565
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/11/82-12/30/97	44	0.403	0.478	0.955	0.24	0.038	0.194	0.272	0.325	0.596	0.804
00413p	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	08/02/82-12/30/97	45	0.07	0.075	0.13	0.03	0.001	0.032	0.03	0.045	0.11	0.11
00653p	PHOSPHATE, TOTAL SOLUBLE (MG/L)	05/11/82-12/30/97	45 ##	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00681p	CARBON, DISSOLVED ORGANIC (MG/L AS C)	02/08/83-12/30/97	41	1.3	1.615	4.7	0.8	0.909	0.954	0.8	1.	1.9	3.32
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	05/11/82-12/30/97	45	1.8	1.756	2.5	0.7	0.27	0.52	0.96	1.4	2.25	2.4
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/11/82-12/30/97	45	0.3	0.302	0.4	0.1	0.008	0.089	0.2	0.2	0.4	0.4
00930p	SODIUM, DISSOLVED (MG/L AS NA)	05/11/82-12/30/97	45	0.82	0.854	1.66	0.27	0.153	0.391	0.324	0.515	1.155	1.48
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	05/11/82-12/30/97	45	0.2	0.184	0.31	0.08	0.003	0.054	0.09	0.15	0.22	0.248
00941p	CHLORIDE, DISSOLVED IN WATER MG/L	05/11/82-12/30/97	45	0.2	0.157	0.5	0.	0.009	0.094	0.056	0.1	0.2	0.2
00946p	SULFATE, DISSOLVED (MG/L AS SO4)	05/11/82-12/30/97	45	1.8	1.893	3.3	0.8	0.4	0.632	0.9	1.5	2.2	2.8
00955p	SILICA, DISSOLVED (MG/L AS SI02)	10/21/82-12/30/97	44	2.3	2.411	4.7	0.7	0.718	0.847	1.3	1.8	3.	3.45
71846p	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	06/10/83-12/30/97	45	0.02	0.016	0.04	0.	0.	0.015	0.	0.	0.025	0.04
71851p	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/11/82-12/30/97	45	0.8	0.818	1.6	0.2	0.169	0.411	0.2	0.5	1.15	1.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1996 - Station ROMO0325

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/02/82-12/30/97	40	1.75	4.	13.	0.	22.269	4.719	0.	0.	8.875	11.95
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/11/82-12/30/97	51	16.	15.02	23.	7.	16.94	4.116	9.	12.	18.	19.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/07/82-12/30/97	52	14.	13.269	20.	8.	12.24	3.499	8.	10.	16.	18.
00403p	PH, LAB, STANDARD UNITS SU	12/07/82-12/30/97	52	6.2	6.181	6.5	5.6	0.044	0.211	5.9	6.1	6.3	6.5
00403p	CONVERTED PH, LAB, STANDARD UNITS	12/07/82-12/30/97	52	6.2	6.127	6.5	5.6	0.047	0.217	5.9	6.1	6.3	6.5
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/82-12/30/97	52	0.631	0.746	2.512	0.316	0.18	0.424	0.316	0.501	0.794	1.259
00406p	PH, FIELD, STANDARD UNITS SU	05/11/82-12/30/97	51	6.15	6.178	6.79	5.75	0.058	0.241	5.874	6.	6.35	6.478
00406p	CONVERTED PH, FIELD, STANDARD UNITS	05/11/82-12/30/97	51	6.15	6.118	6.79	5.75	0.062	0.249	5.874	6.	6.35	6.478
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/11/82-12/30/97	51	0.708	0.761	1.778	0.162	0.146	0.382	0.333	0.447	1.	1.337
00413p	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	08/02/82-12/30/97	52	0.06	0.071	0.13	0.02	0.001	0.032	0.033	0.05	0.1	0.12
00653p	PHOSPHATE, TOTAL SOLUBLE (MG/L)	05/11/82-12/30/97	52 ##	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00681p	CARBON, DISSOLVED ORGANIC (MG/L AS C)	02/08/83-12/30/97	43	1.	1.347	4.1	0.6	0.612	0.782	0.74	0.9	1.4	2.8
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	05/11/82-12/30/97	52	1.9	1.735	2.6	0.8	0.285	0.534	0.9	1.3	2.2	2.4
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/11/82-12/30/97	52	0.3	0.308	0.9	0.1	0.014	0.12	0.2	0.2	0.4	0.4
00930p	SODIUM, DISSOLVED (MG/L AS NA)	05/11/82-12/30/97	52	0.715	0.768	2.24	0.28	0.147	0.384	0.343	0.433	1.088	1.25
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	05/11/82-12/30/97	52	0.2	0.194	0.36	0.09	0.003	0.056	0.11	0.16	0.23	0.26
00941p	CHLORIDE, DISSOLVED IN WATER MG/L	05/11/82-12/30/97	52	0.15	0.152	0.5	0.03	0.007	0.082	0.063	0.1	0.2	0.2
00946p	SULFATE, DISSOLVED (MG/L AS SO4)	05/11/82-12/30/97	52	1.9	1.8	6.3	0.9	0.624	0.79	0.9	1.4	2.1	2.2
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	12/07/82-12/31/96	16 ##	0.	0.016	0.07	0.	0.001	0.028	0.	0.	0.045	0.063
71846p	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	06/10/83-12/30/97	52	0.025	0.022	0.06	0.	0.	0.017	0.	0.	0.038	0.04
71851p	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/11/82-12/30/97	52	1.	1.029	1.9	0.4	0.169	0.411	0.5	0.625	1.375	1.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

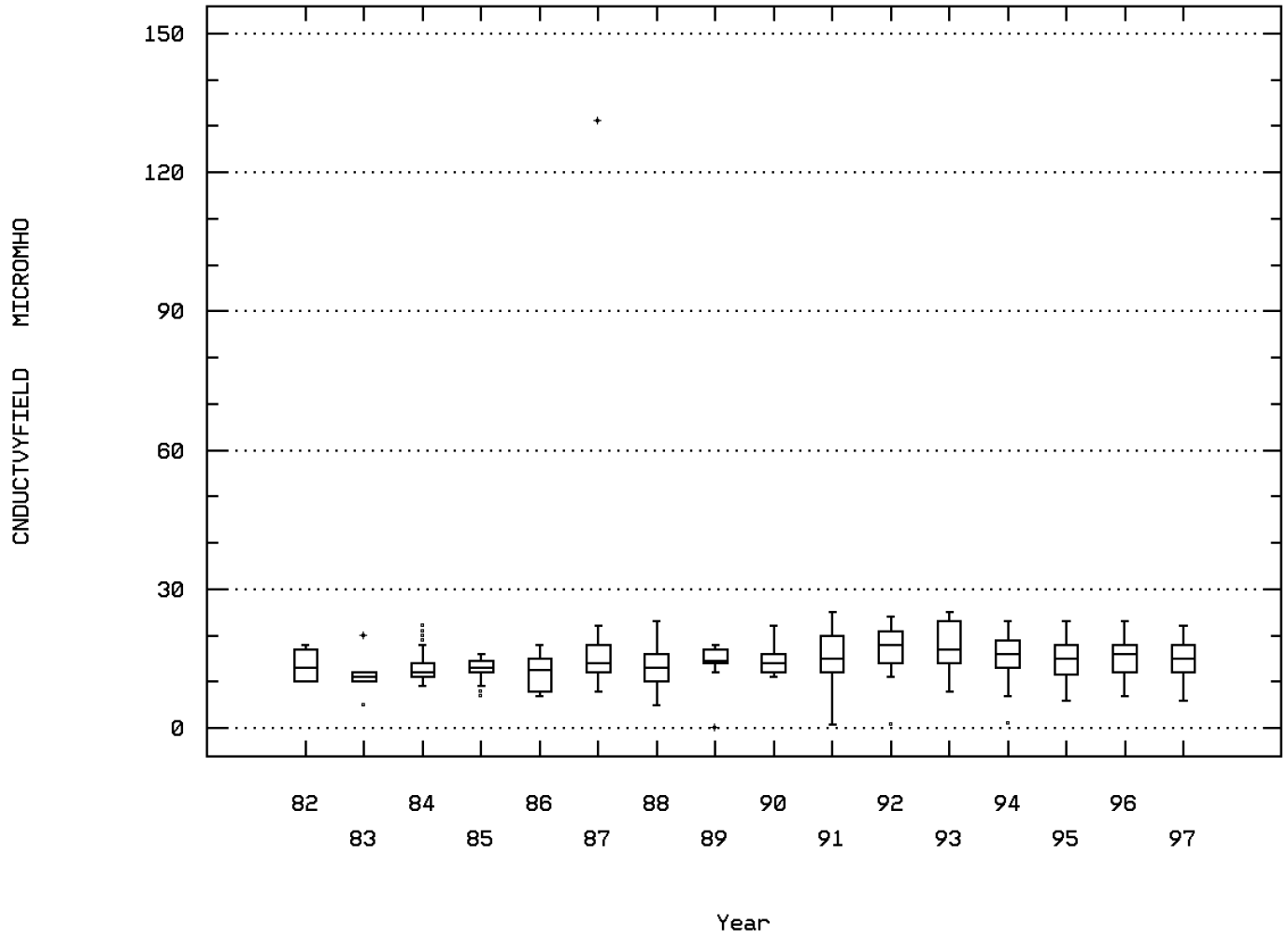
Annual Analysis for 1997 - Station ROMO0325

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/02/82-12/30/97	52	1.	3.438	12.	0.	16.315	4.039	0.	0.	7.	10.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/11/82-12/30/97	52	15.	14.692	22.	6.	15.08	3.883	9.3	12.	18.	19.7
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/07/82-12/30/97	52	13.	13.385	20.	8.	11.81	3.437	9.	10.	16.75	17.7
00403p	PH, LAB, STANDARD UNITS SU	12/07/82-12/30/97	52	6.4	6.36	6.6	6.	0.02	0.143	6.2	6.3	6.475	6.57
00403p	CONVERTED PH, LAB, STANDARD UNITS	12/07/82-12/30/97	52	6.4	6.336	6.6	6.	0.021	0.145	6.2	6.3	6.475	6.57
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/82-12/30/97	52	0.398	0.461	1.	0.251	0.026	0.161	0.271	0.337	0.501	0.631
00406p	PH, FIELD, STANDARD UNITS SU	05/11/82-12/30/97	52	6.39	6.399	6.85	5.97	0.037	0.191	6.131	6.27	6.547	6.648
00406p	CONVERTED PH, FIELD, STANDARD UNITS	05/11/82-12/30/97	52	6.39	6.357	6.85	5.97	0.038	0.196	6.131	6.27	6.547	6.648
00406p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/11/82-12/30/97	52	0.407	0.44	1.072	0.141	0.042	0.205	0.225	0.283	0.537	0.742
00413p	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	08/02/82-12/30/97	52	0.06	0.069	0.12	0.03	0.001	0.031	0.03	0.04	0.1	0.11
00653p	PHOSPHATE, TOTAL SOLUBLE (MG/L)	05/11/82-12/30/97	52 ##	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00681p	CARBON, DISSOLVED ORGANIC (MG/L AS C)	02/08/83-12/30/97	51	1.3	1.61	4.	0.6	0.687	0.829	0.72	1.1	2.1	2.58
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	05/11/82-12/30/97	52	1.7	1.7	2.6	0.7	0.276	0.525	1.	1.225	2.2	2.4
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/11/82-12/30/97	52	0.3	0.285	0.4	0.1	0.008	0.087	0.2	0.2	0.375	0.4
00930p	SODIUM, DISSOLVED (MG/L AS NA)	05/11/82-12/30/97	52	0.715	0.757	1.39	0.3	0.097	0.312	0.383	0.445	1.038	1.14
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	05/11/82-12/30/97	52	0.18	0.179	0.36	0.09	0.002	0.048	0.113	0.14	0.21	0.227
00941p	CHLORIDE, DISSOLVED IN WATER MG/L	05/11/82-12/30/97	52	0.2	0.168	0.3	0.04	0.003	0.056	0.083	0.1	0.2	0.2
00946p	SULFATE, DISSOLVED (MG/L AS SO4)	05/11/82-12/30/97	52	1.7	1.702	2.5	0.9	0.204	0.452	1.1	1.3	2.2	2.2
00955p	SILICA, DISSOLVED (MG/L AS SI02)	10/21/82-12/30/97	51	2.6	2.641	4.1	1.	0.69	0.831	1.52	2.1	3.4	3.86
71846p	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	06/10/83-12/30/97	52 ##	0.	0.012	0.04	0.	0.	0.015	0.	0.	0.02	0.04
71851p	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/11/82-12/30/97	52	1.1	1.042	1.8	0.2	0.189	0.435	0.4	0.7	1.375	1.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: ROMO0325 Parameter Code: 00094

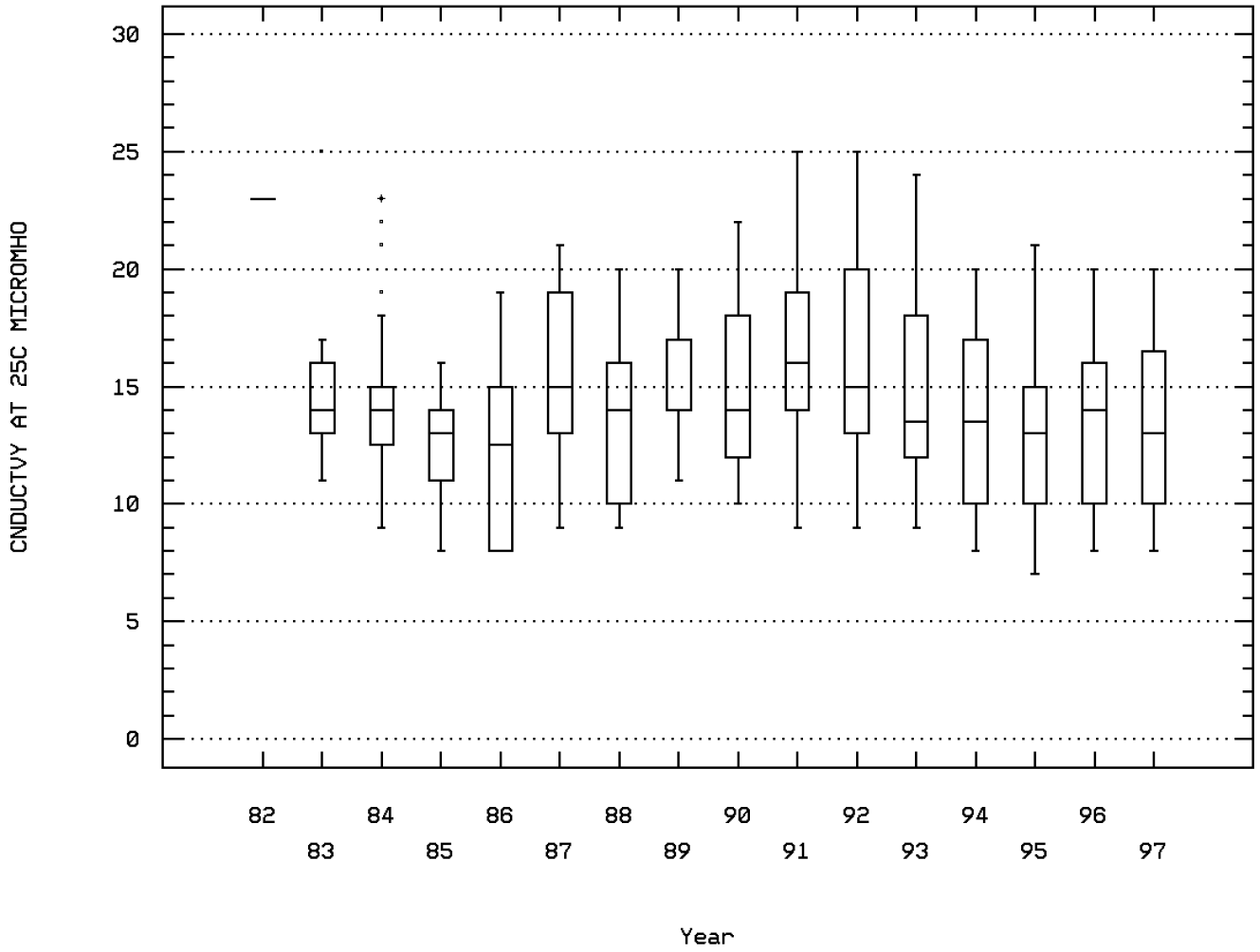
SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @



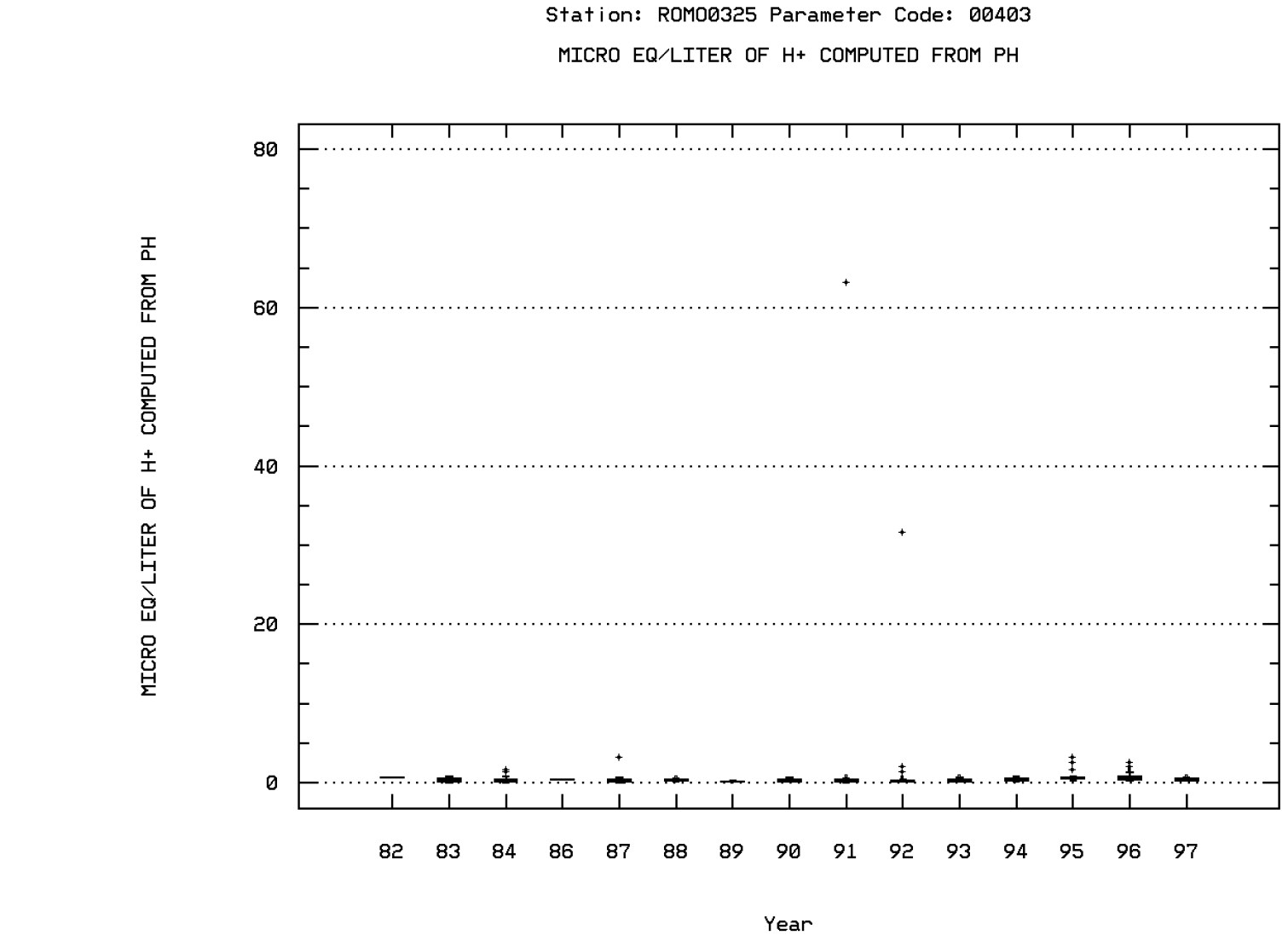
OUTLET STREAM FROM THE LOCH

Station: ROMO0325 Parameter Code: 00095

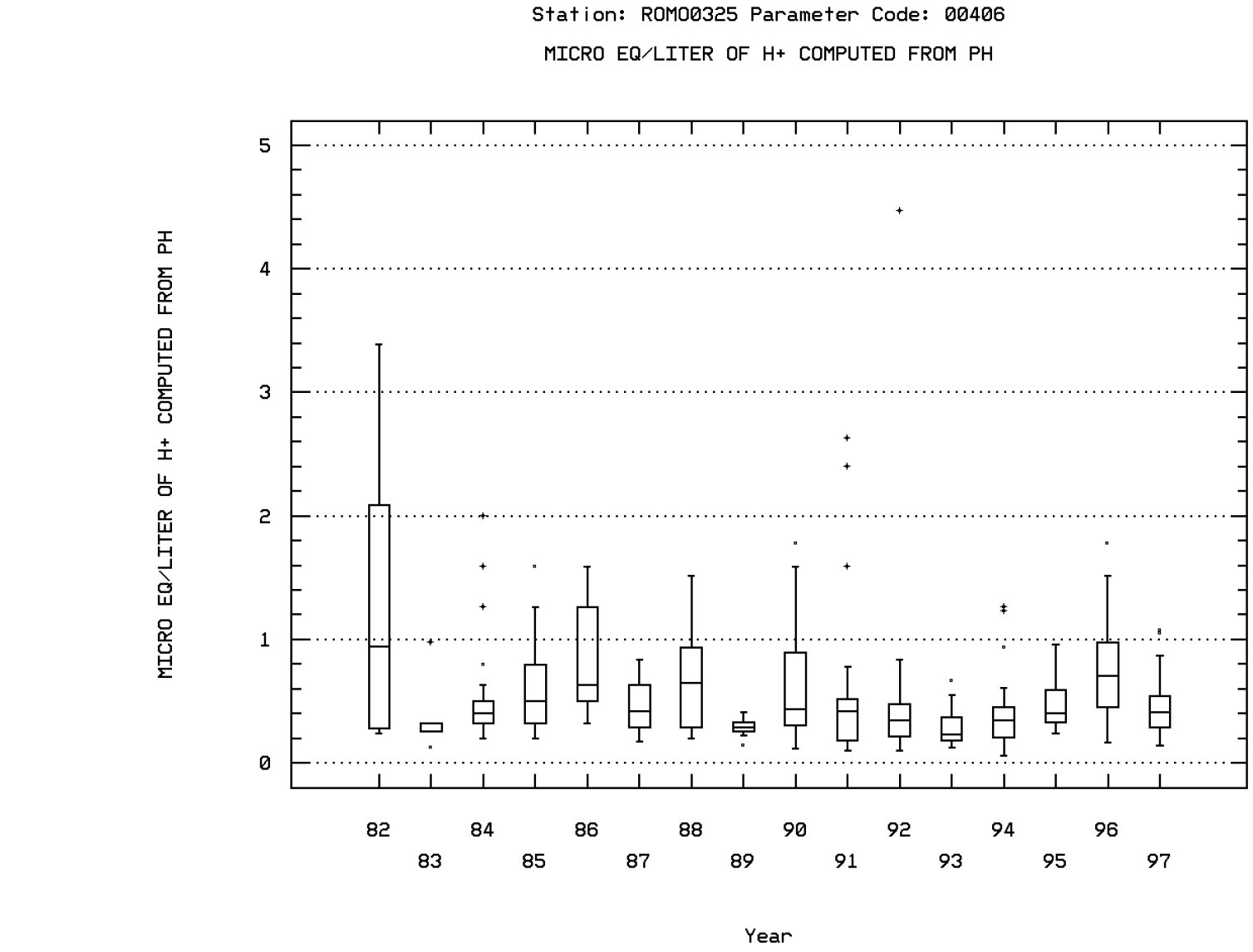
SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)



OUTLET STREAM FROM THE LOCH



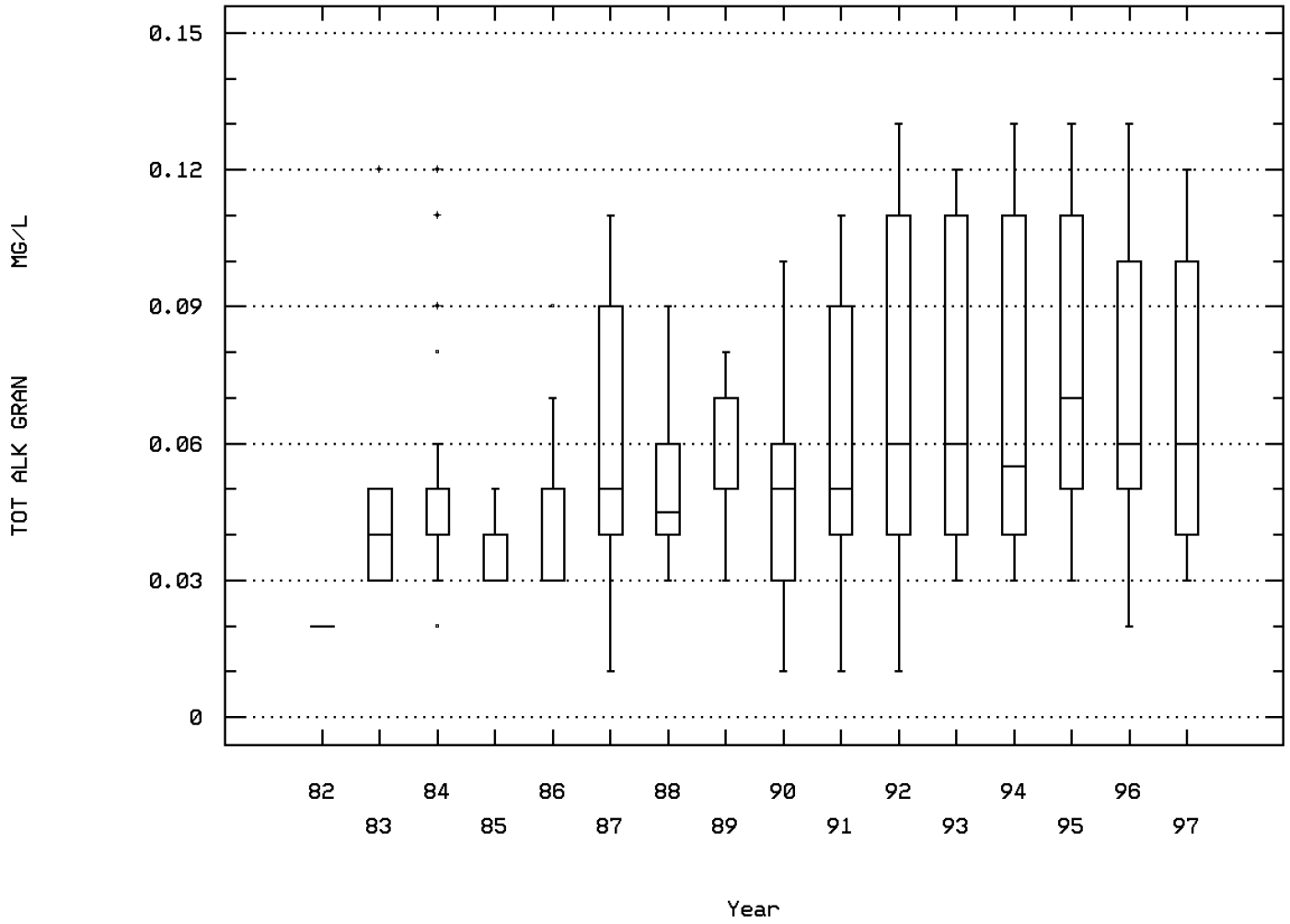
OUTLET STREAM FROM THE LOCH



OUTLET STREAM FROM THE LOCH

Station: ROMO0325 Parameter Code: 00413

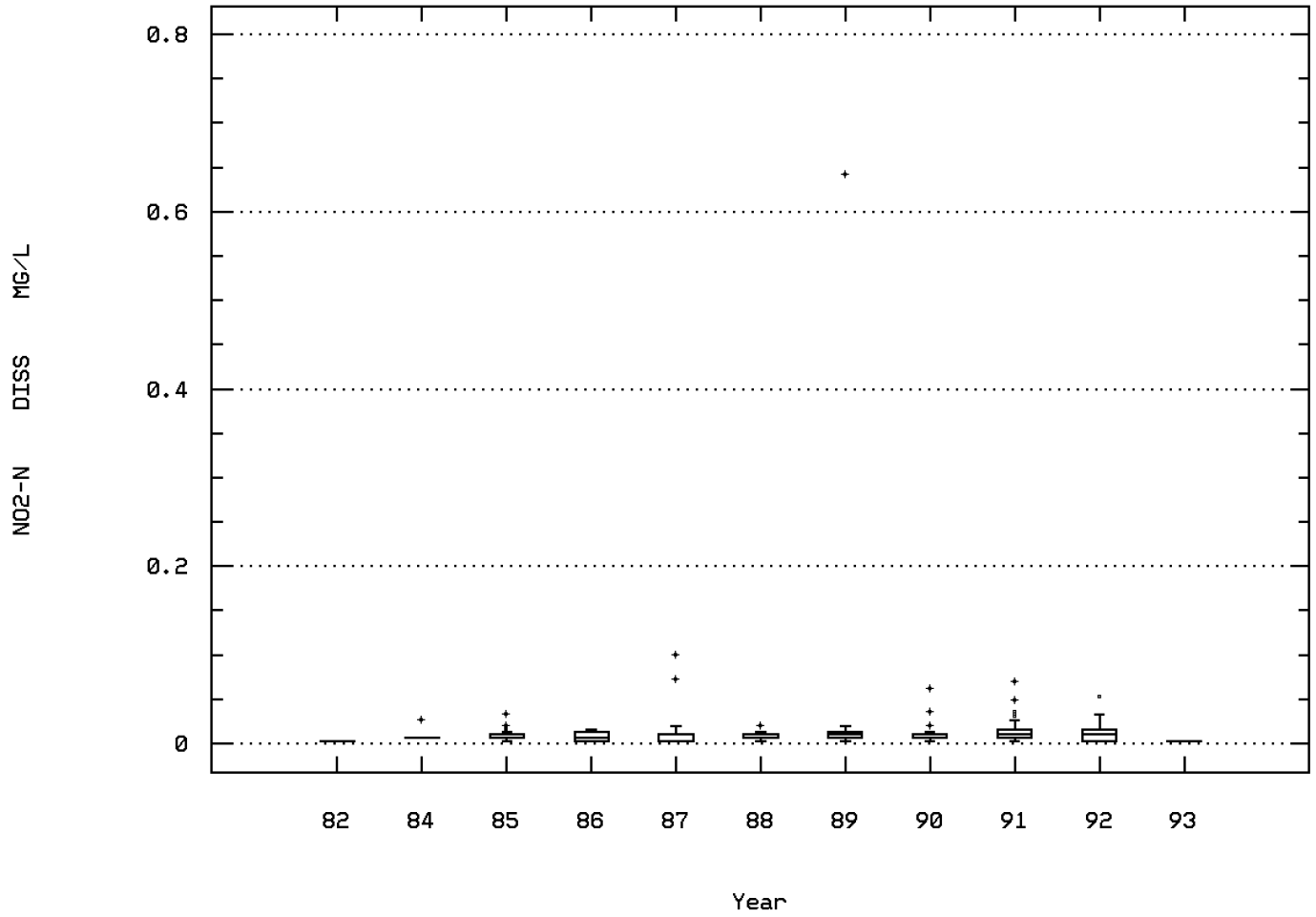
ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL



OUTLET STREAM FROM THE LOCH

Station: ROMO0325 Parameter Code: 00613

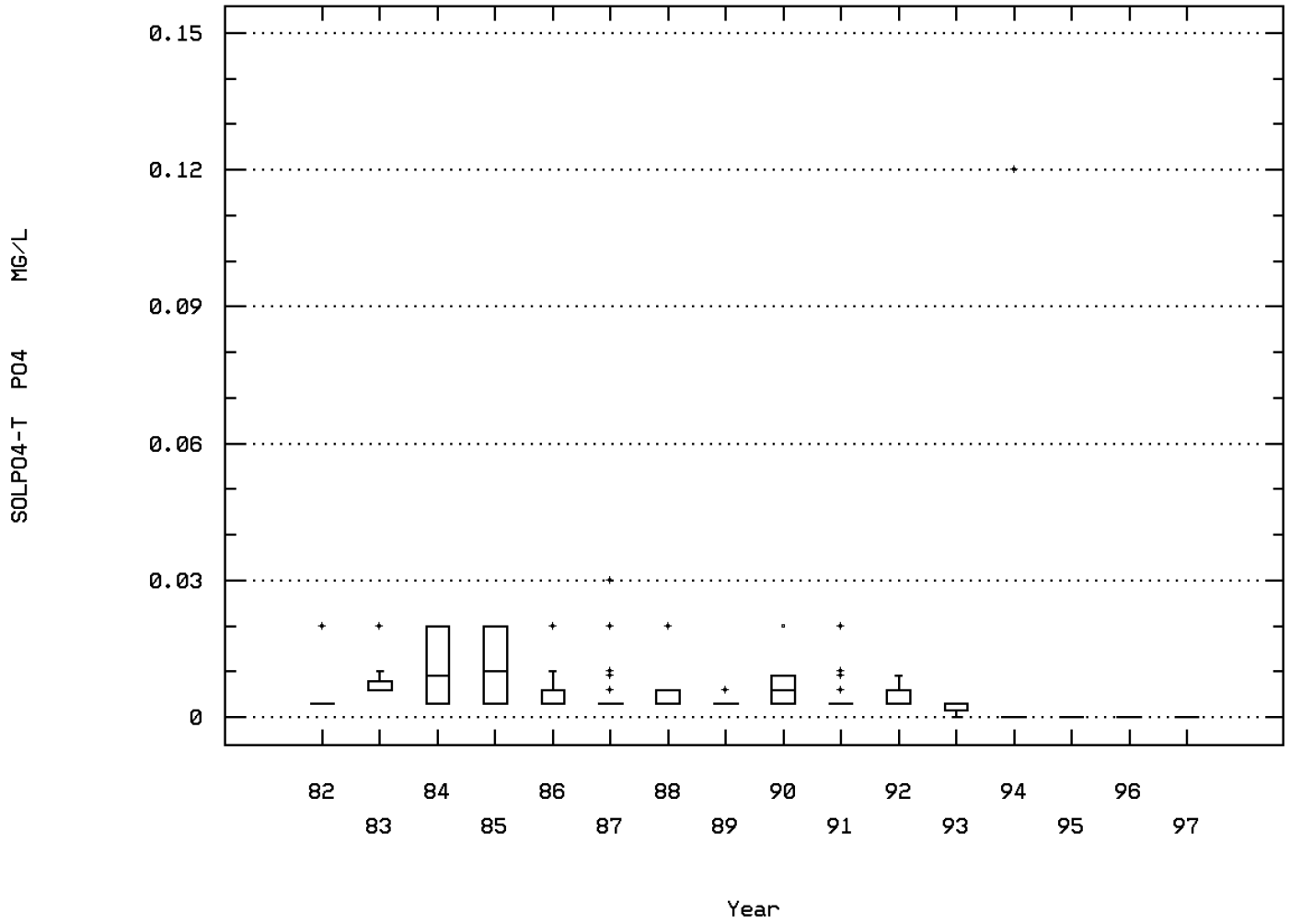
NITRITE NITROGEN, DISSOLVED (MG/L AS N)



OUTLET STREAM FROM THE LOCH

Station: ROMO0325 Parameter Code: 00653

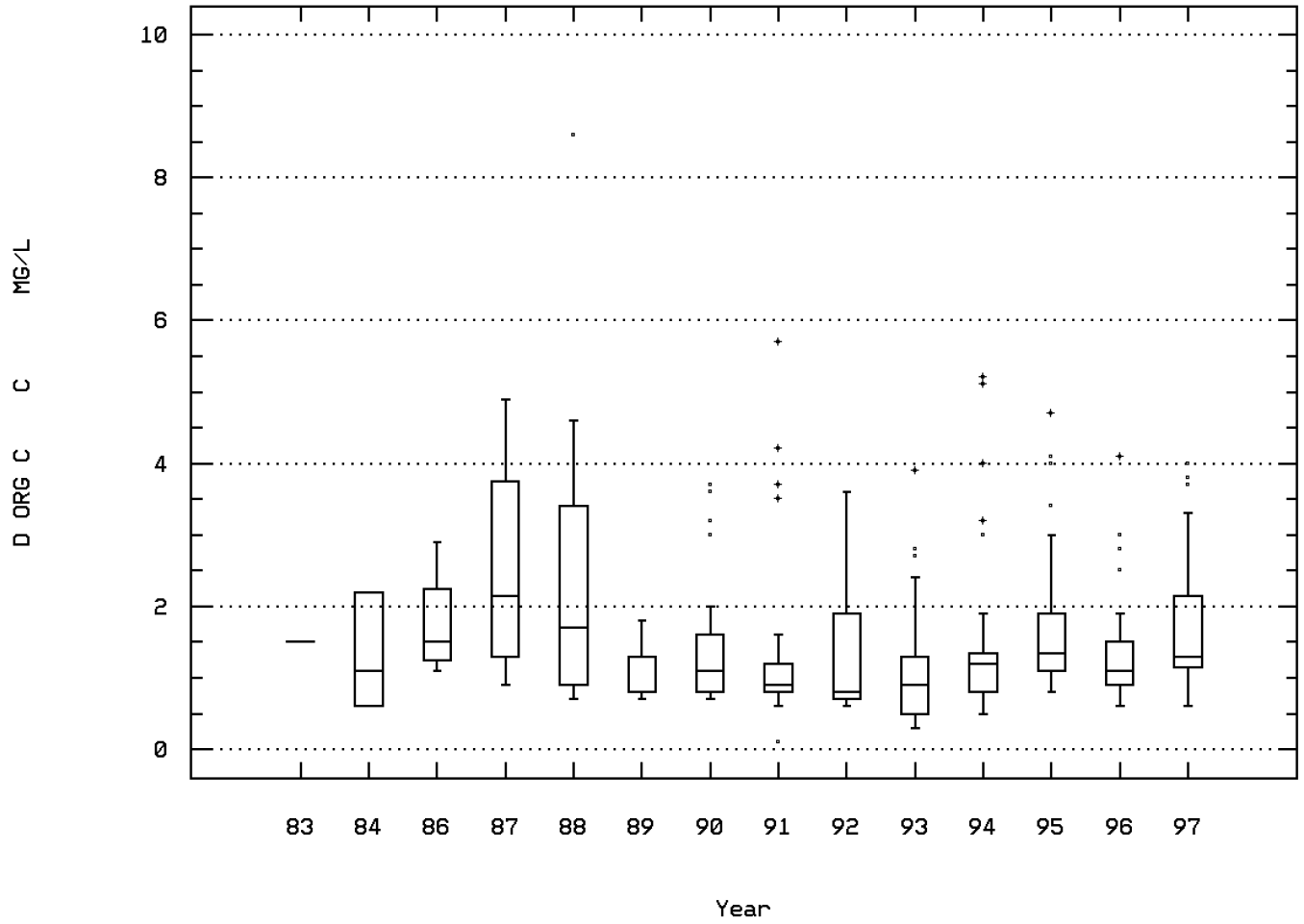
PHOSPHATE, TOTAL SOLUBLE (MG/L)



OUTLET STREAM FROM THE LOCH

Station: ROMO0325 Parameter Code: 00681

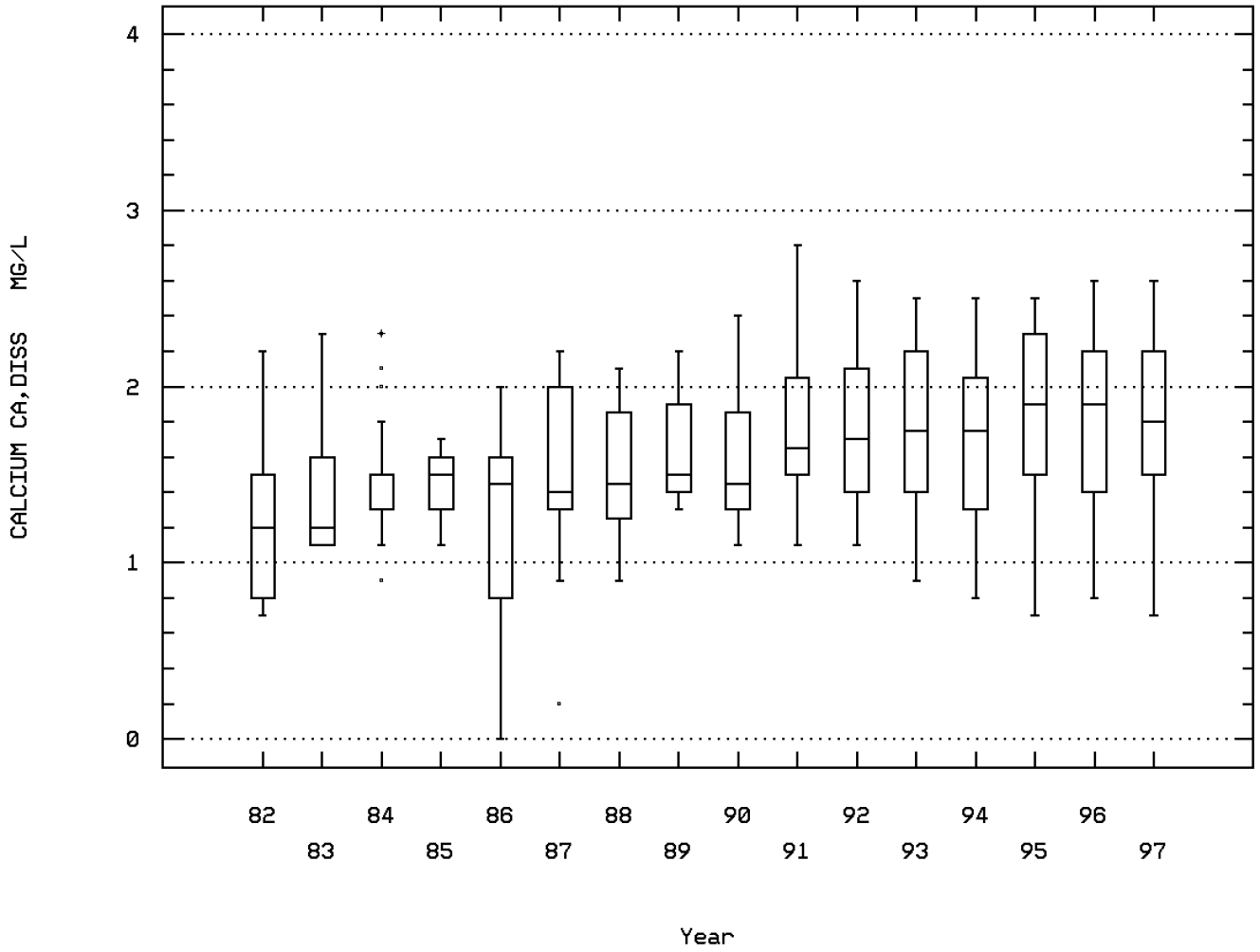
CARBON, DISSOLVED ORGANIC (MG/L AS C)



OUTLET STREAM FROM THE LOCH

Station: ROMO0325 Parameter Code: 00915

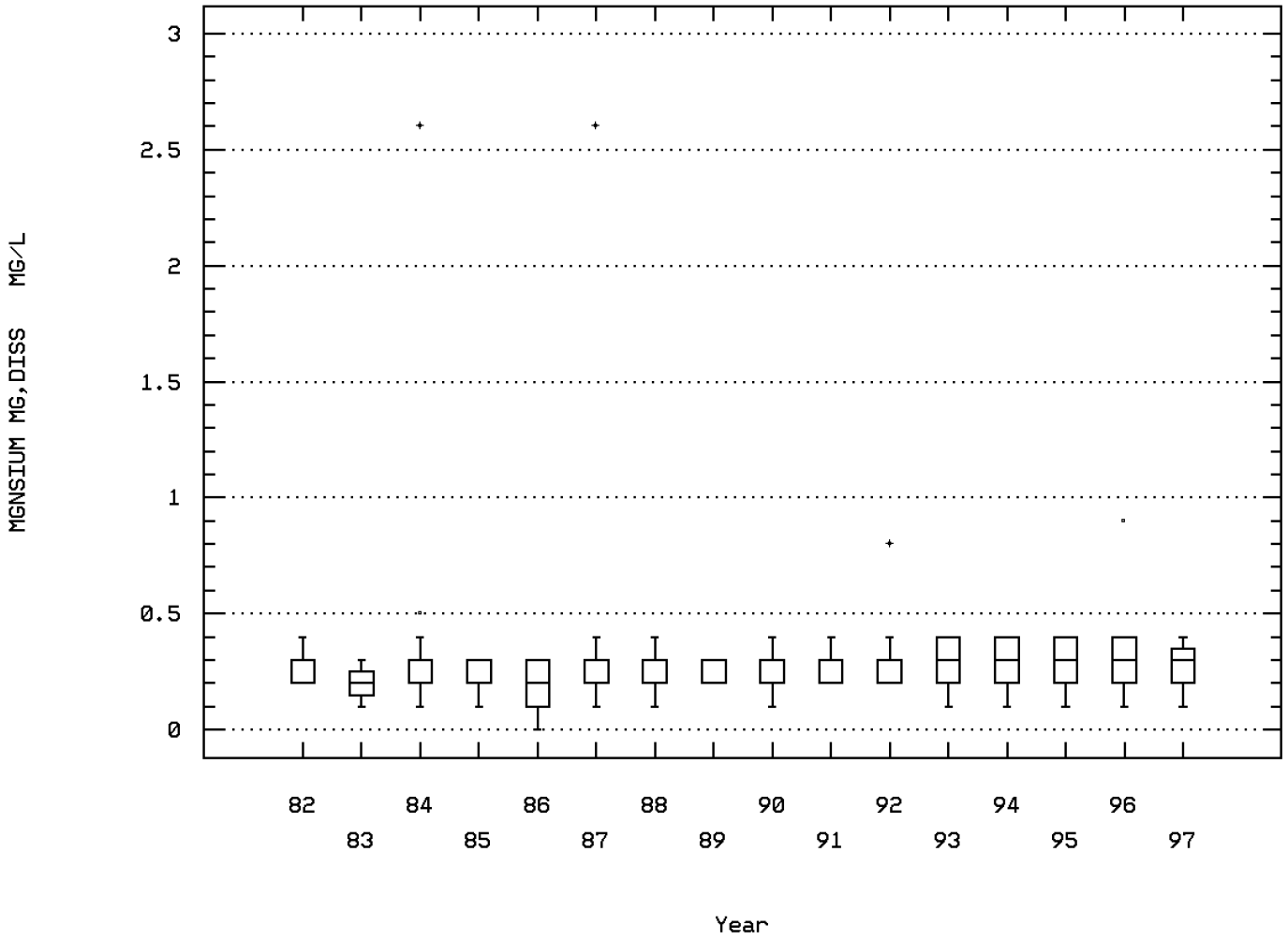
CALCIUM, DISSOLVED (MG/L AS CA)



OUTLET STREAM FROM THE LOCH

Station: ROMO0325 Parameter Code: 00925

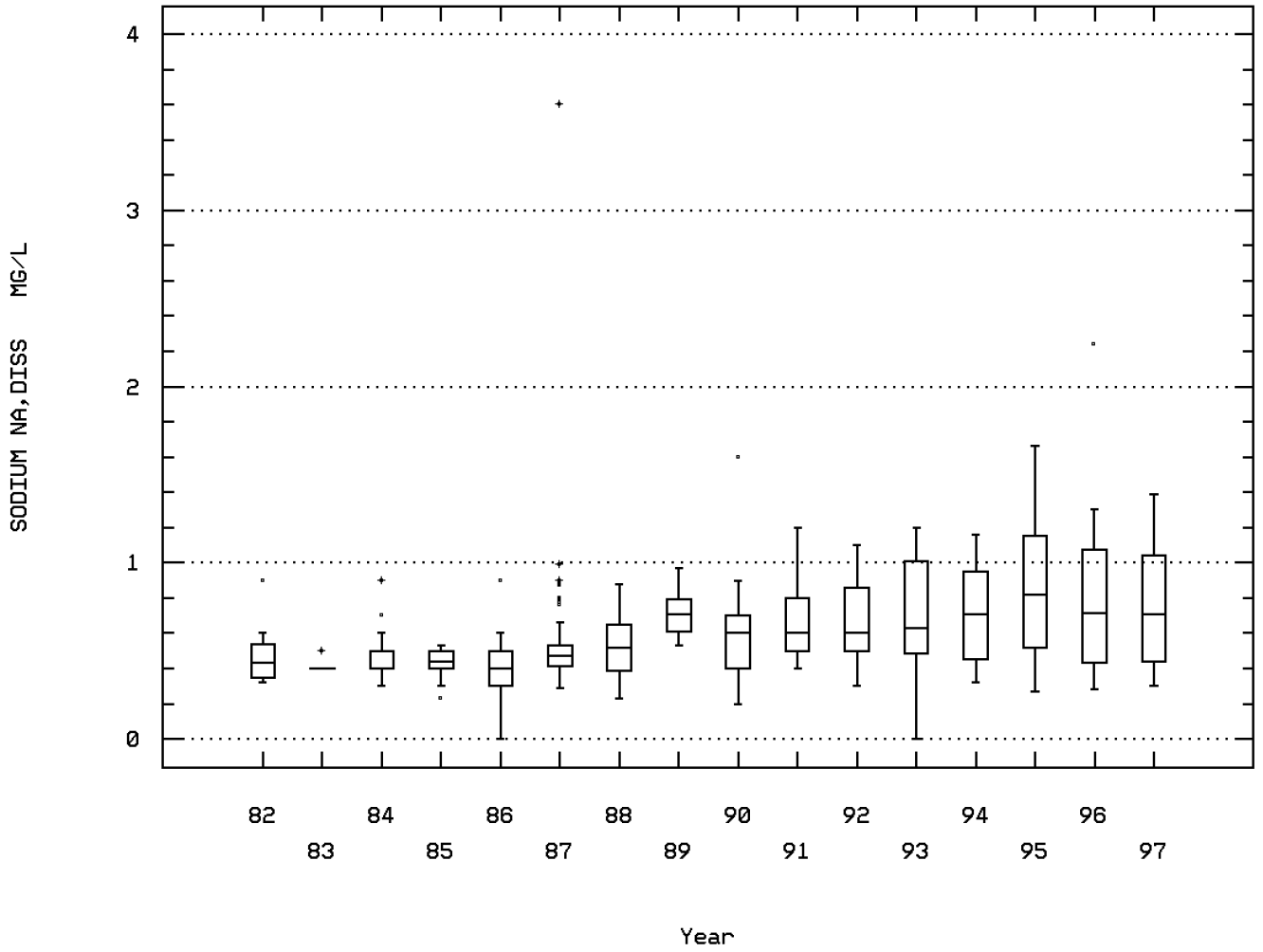
MAGNESIUM, DISSOLVED (MG/L AS MG)



OUTLET STREAM FROM THE LOCH

Station: ROMO0325 Parameter Code: 00930

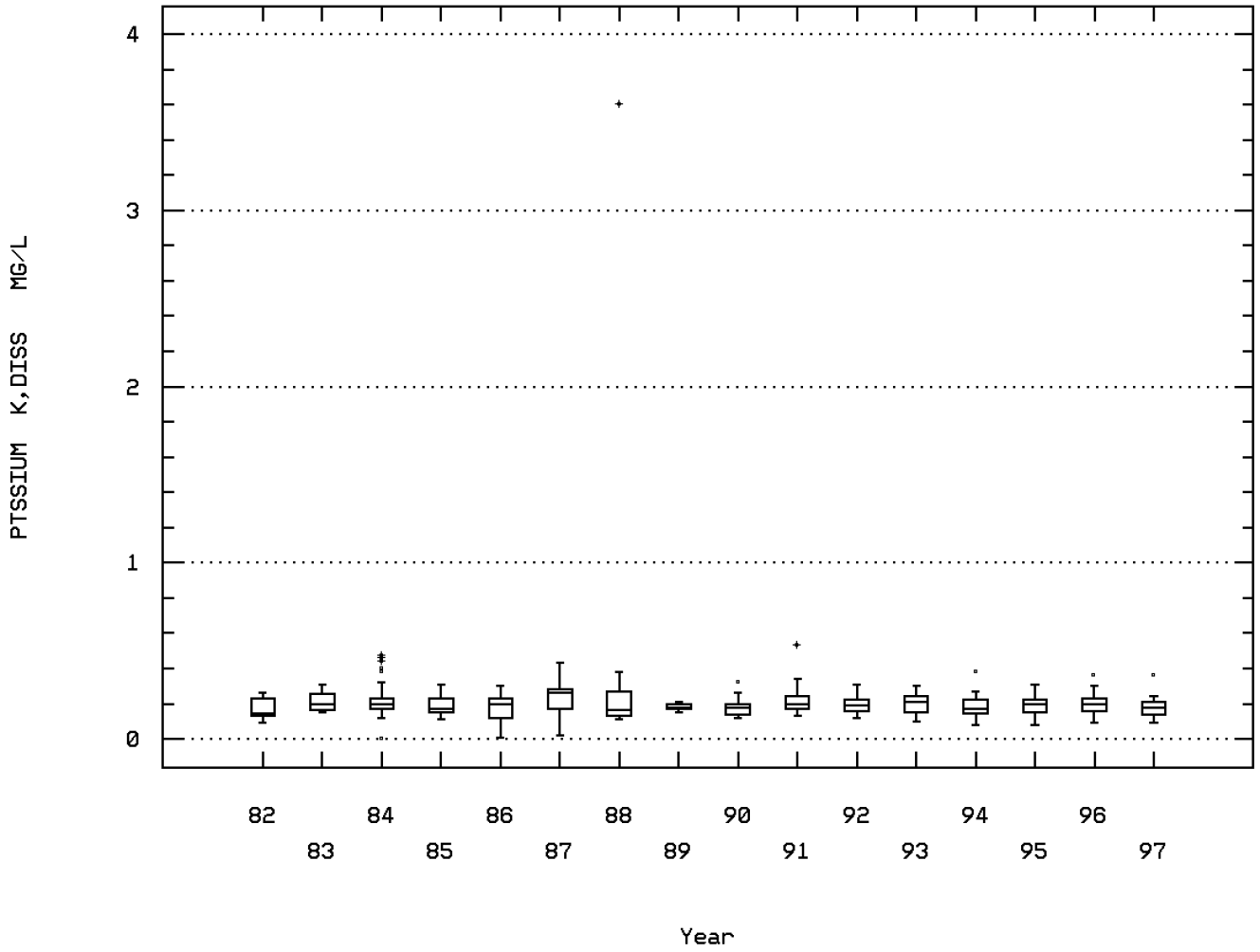
SODIUM, DISSOLVED (MG/L AS NA)



OUTLET STREAM FROM THE LOCH

Station: ROMO0325 Parameter Code: 00935

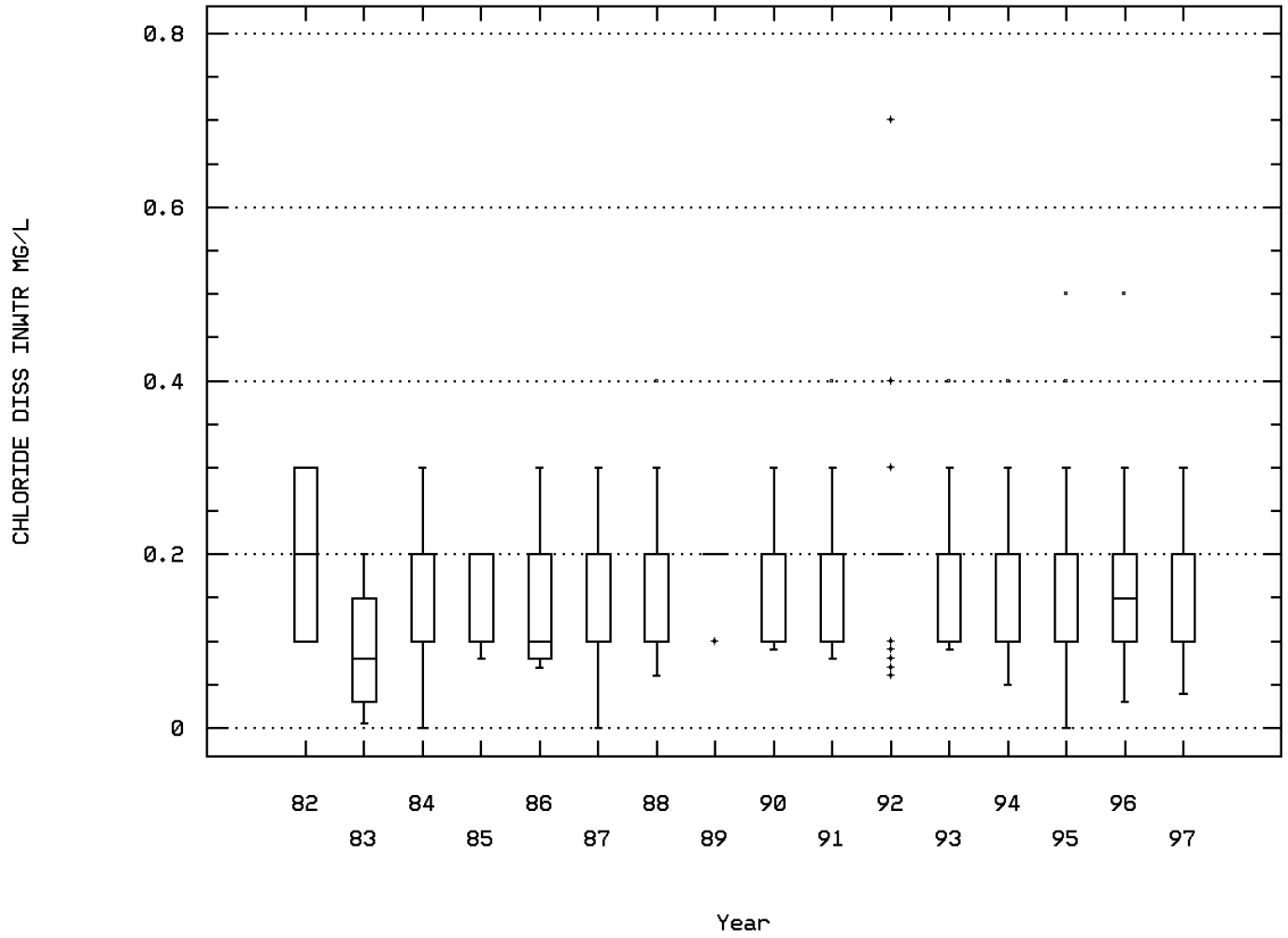
POTASSIUM, DISSOLVED (MG/L AS K)



OUTLET STREAM FROM THE LOCH

Station: ROMO0325 Parameter Code: 00941

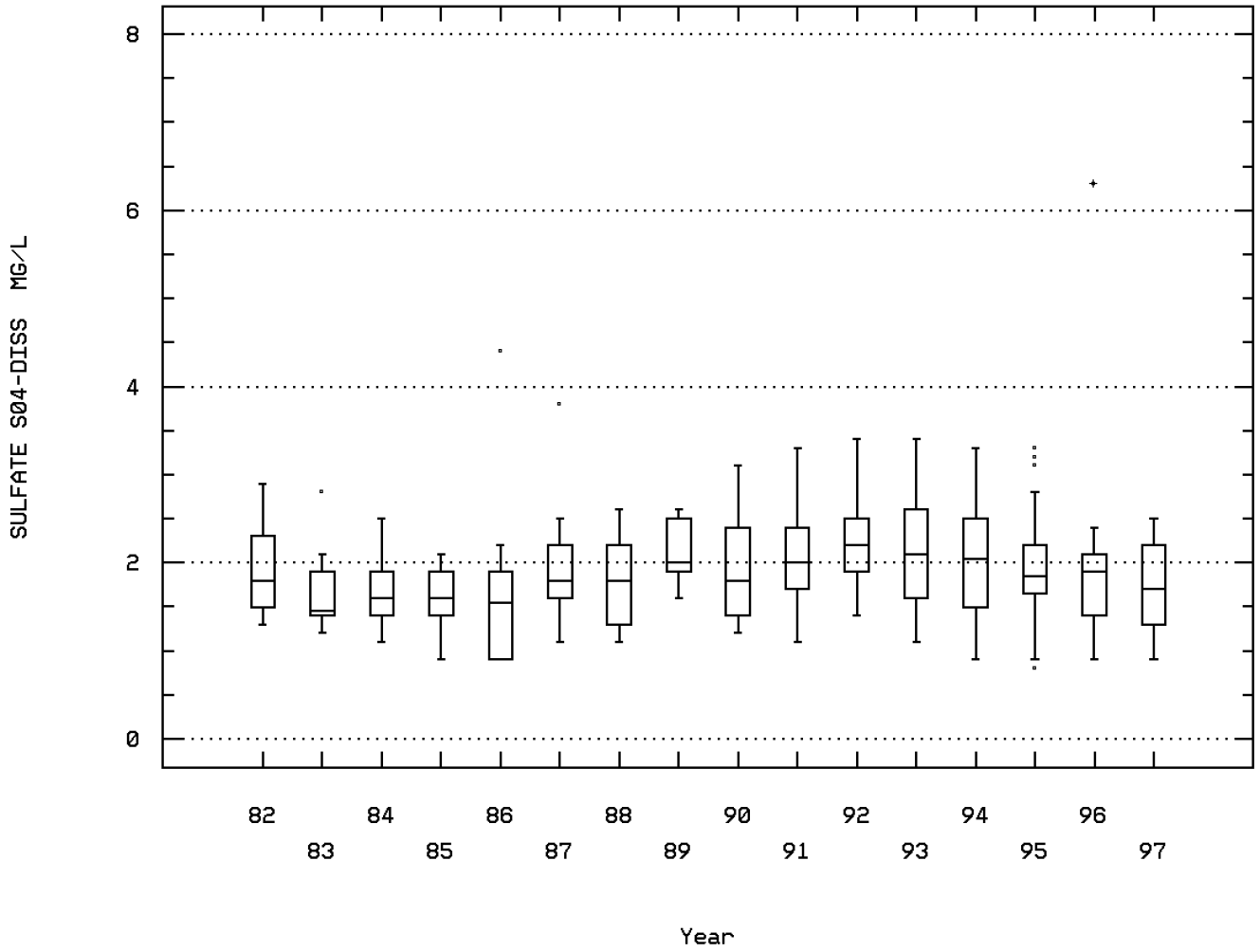
CHLORIDE, DISSOLVED IN WATER



OUTLET STREAM FROM THE LOCH

Station: ROMO0325 Parameter Code: 00946

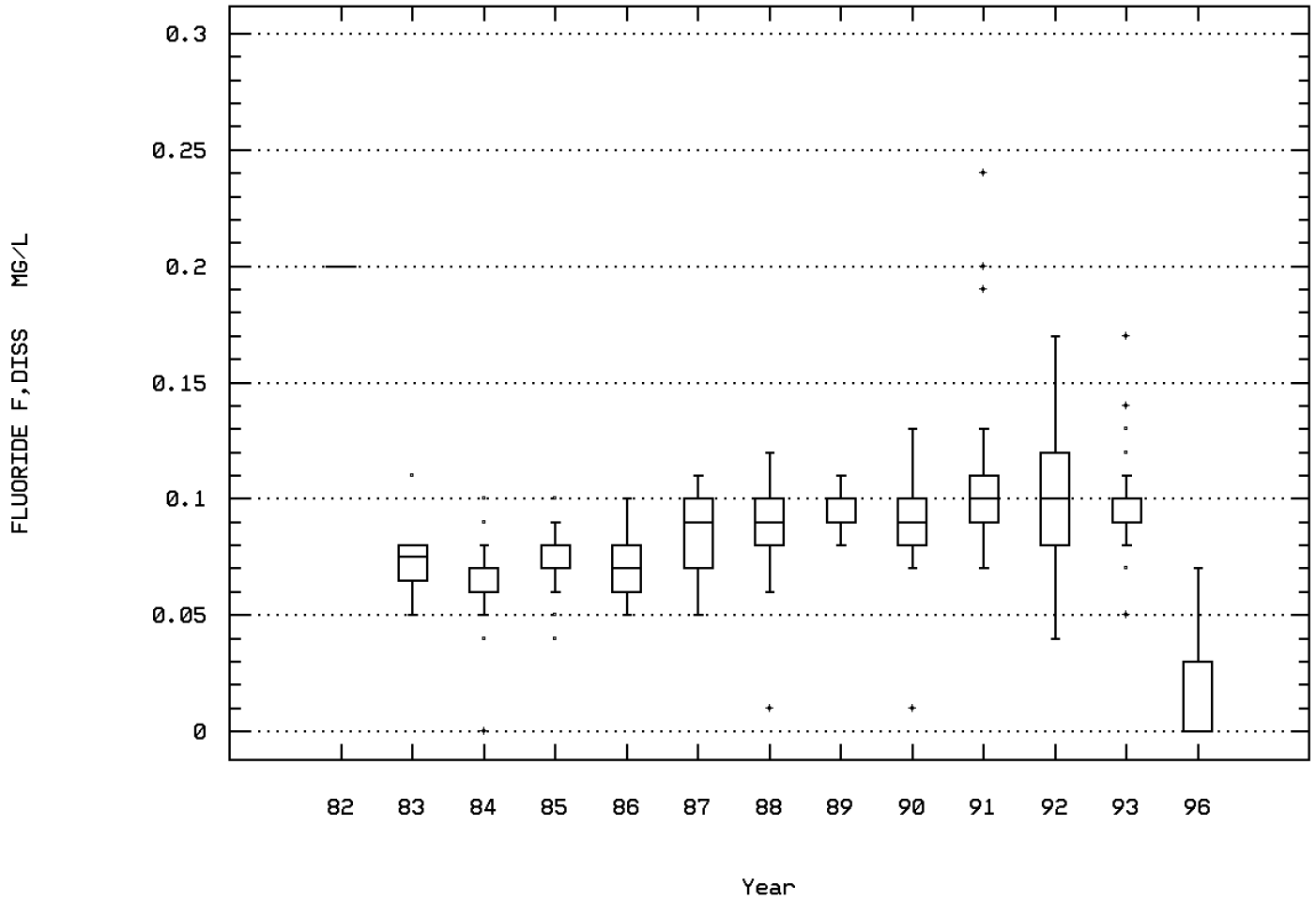
SULFATE, DISSOLVED (MG/L AS SO4)



OUTLET STREAM FROM THE LOCH

Station: ROMO0325 Parameter Code: 00950

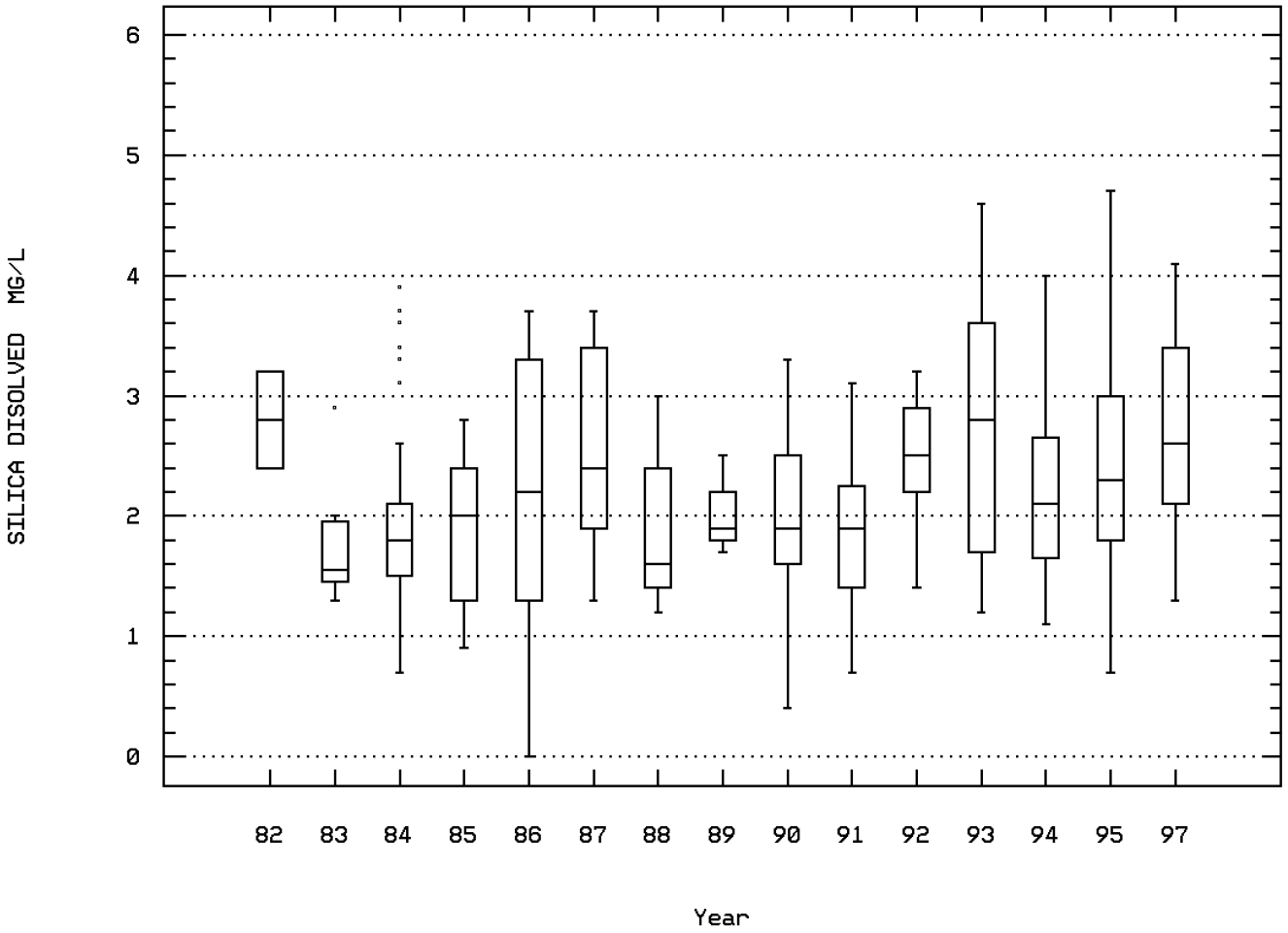
FLUORIDE, DISSOLVED (MG/L AS F)



OUTLET STREAM FROM THE LOCH

Station: ROMO0325 Parameter Code: 00955

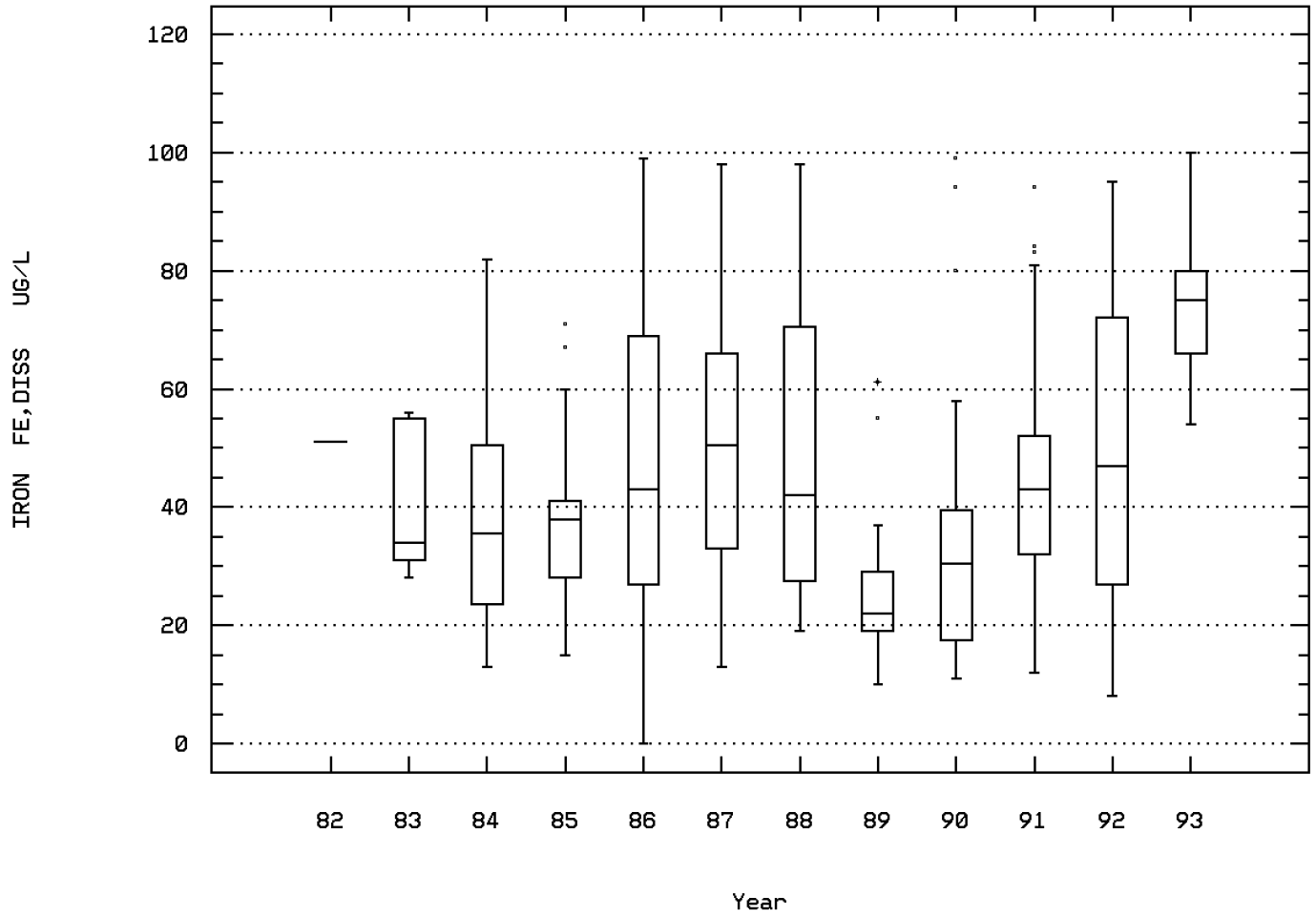
SILICA, DISSOLVED (MG/L AS SI02)



OUTLET STREAM FROM THE LOCH

Station: ROMO0325 Parameter Code: 01046

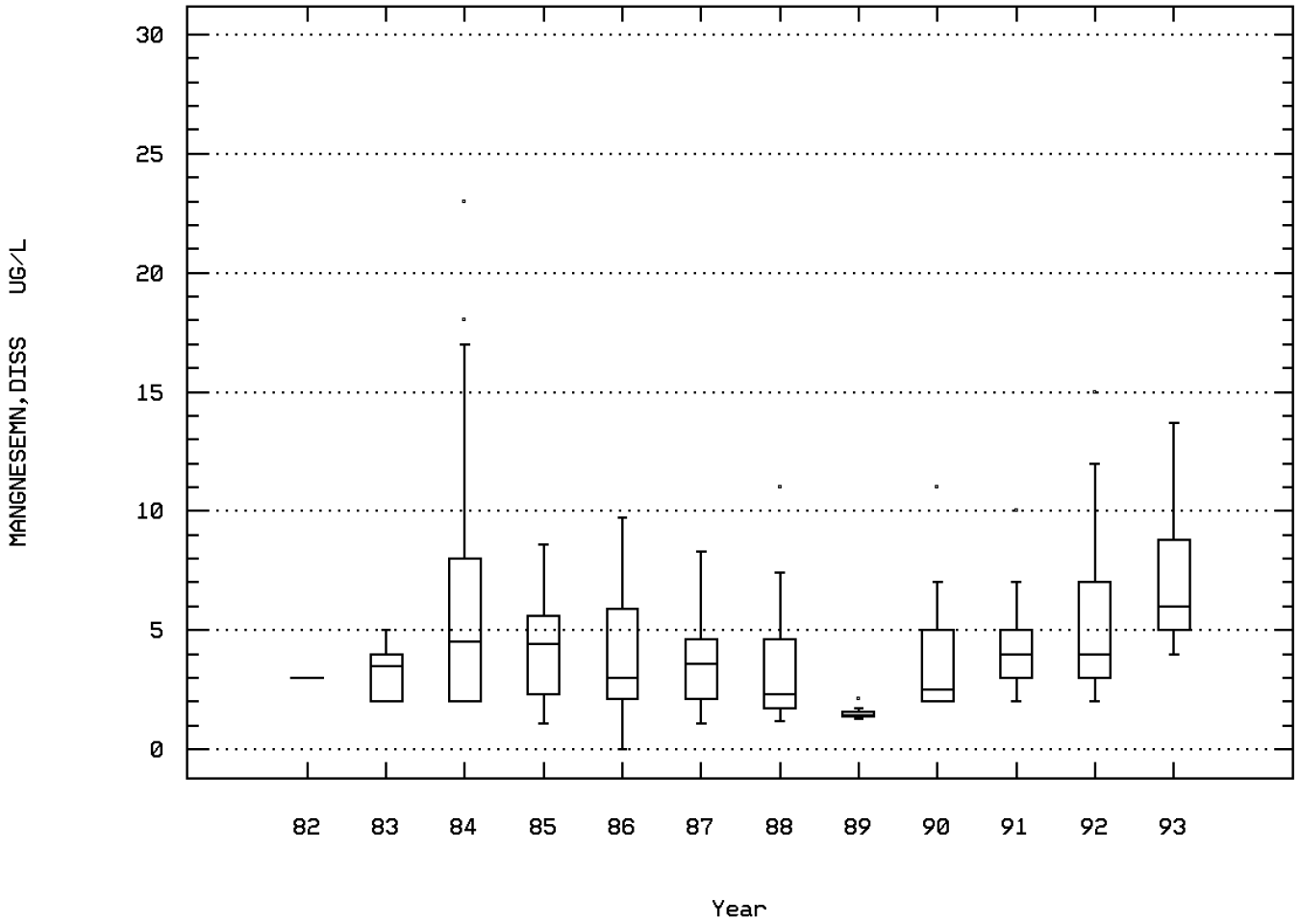
IRON, DISSOLVED (UG/L AS FE)



OUTLET STREAM FROM THE LOCH

Station: ROMO0325 Parameter Code: 01056

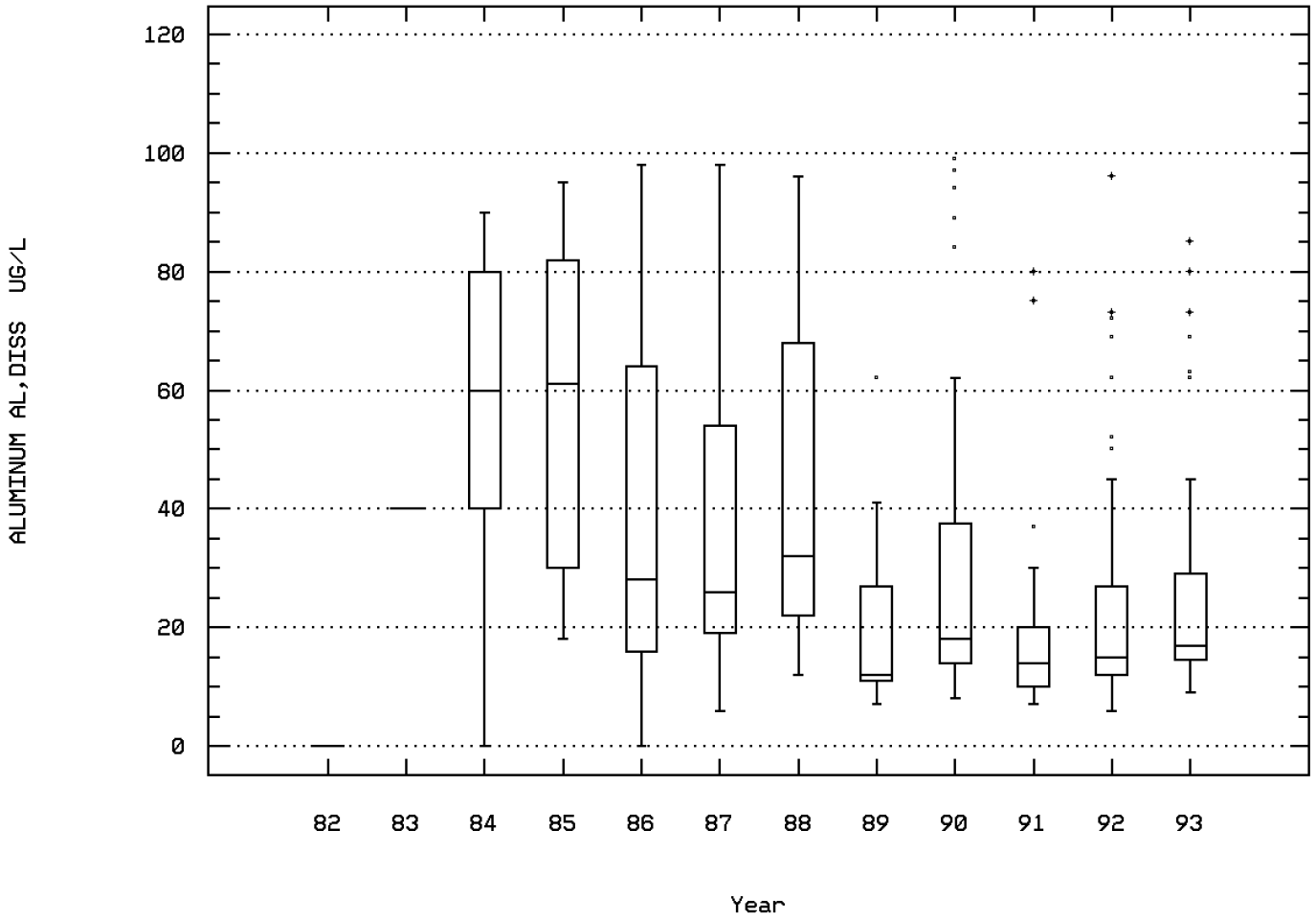
MANGANESE, DISSOLVED (UG/L AS MN)



OUTLET STREAM FROM THE LOCH

Station: ROMO0325 Parameter Code: 01106

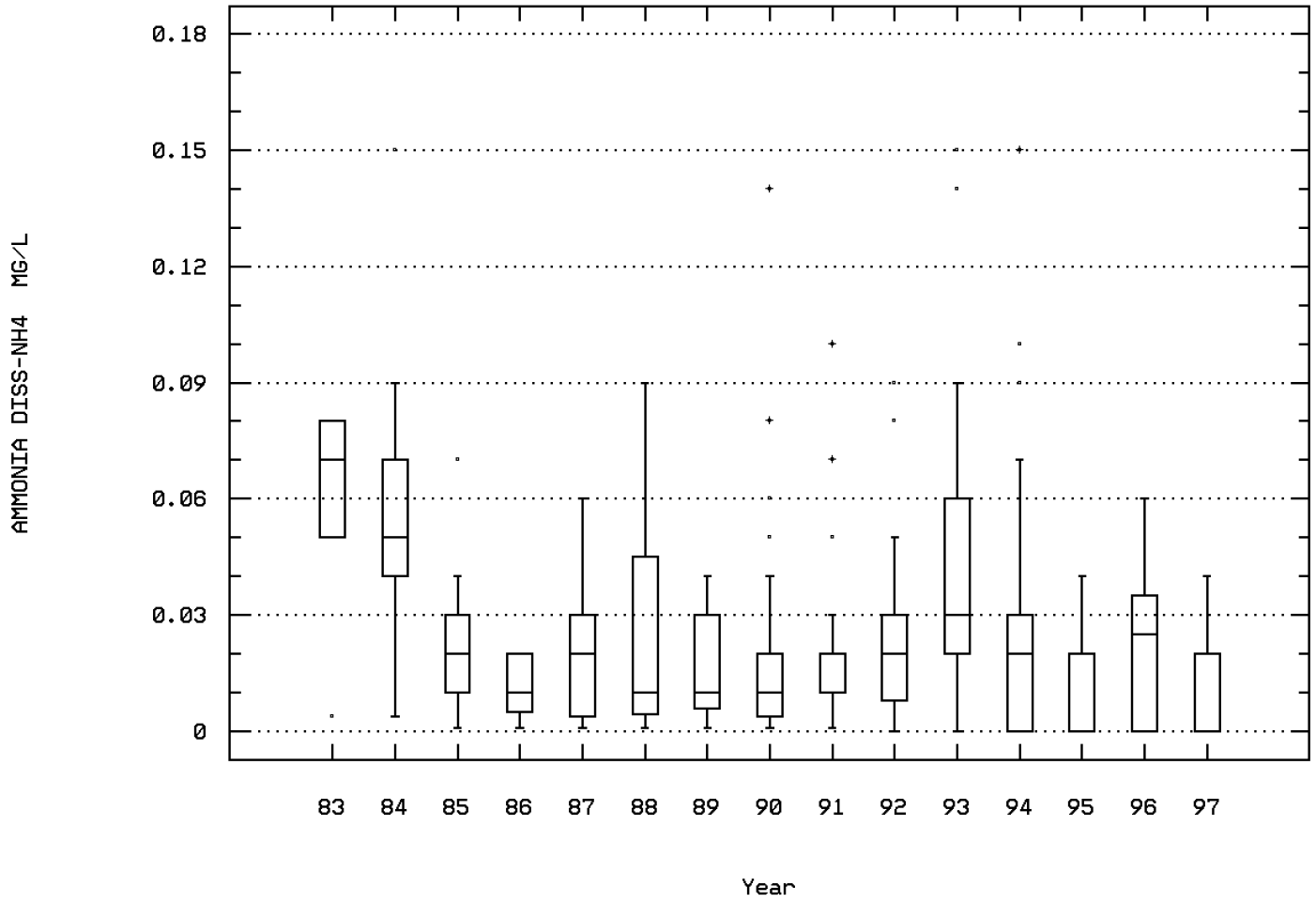
ALUMINUM, DISSOLVED (UG/L AS AL)



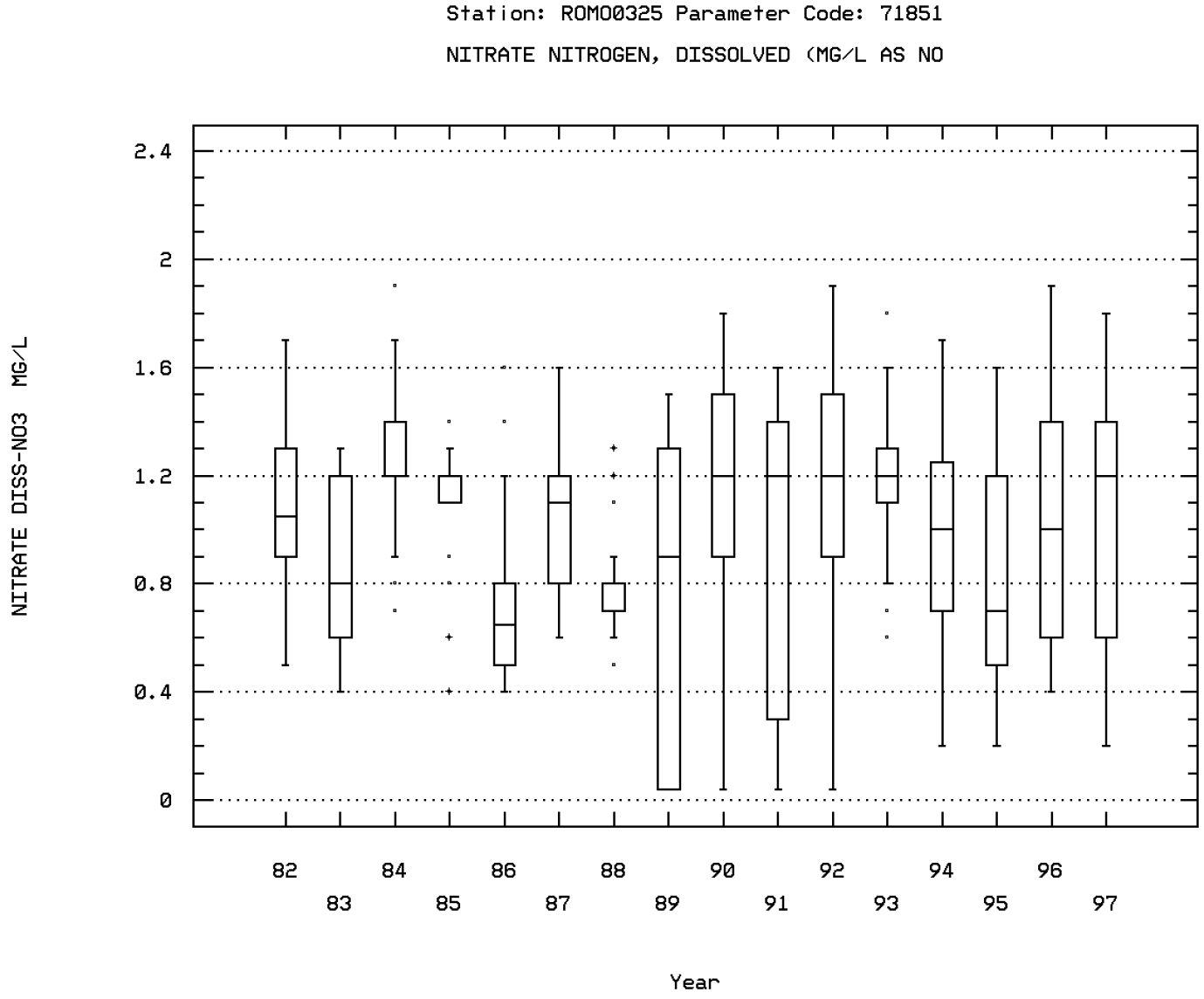
OUTLET STREAM FROM THE LOCH

Station: ROMO0325 Parameter Code: 71846

NITROGEN, AMMONIA, DISSOLVED (MG/L AS N



OUTLET STREAM FROM THE LOCH



OUTLET STREAM FROM THE LOCH

Seasonal Analysis for Season #1: 6/10 to 10/31 - Station ROMO0325

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/02/82-12/30/97	194	8.	7.843	15.	0.	10.953	3.309	2.75	6.	10.	12.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/11/82-12/30/97	264	11.	11.26	18.	0.	8.005	2.829	8.	9.	13.	15.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/07/82-12/30/97	257	11.	11.233	17.	7.	5.102	2.259	8.	9.	13.	14.
00403	PH, LAB, STANDARD UNITS SU	12/07/82-12/30/97	242	6.5	6.531	7.8	5.6	0.11	0.332	6.1	6.4	6.7	6.9
00403	CONVERTED PH, LAB, STANDARD UNITS	12/07/82-12/30/97	242	6.5	6.408	7.8	5.6	0.125	0.354	6.1	6.4	6.7	6.9
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/82-12/30/97	242	0.316	0.391	2.512	0.016	0.126	0.355	0.126	0.2	0.398	0.794
00406	PH, FIELD, STANDARD UNITS SU	05/11/82-12/30/97	273	6.55	6.516	7.25	5.47	0.073	0.271	6.2	6.39	6.68	6.826
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/11/82-12/30/97	273	6.55	6.414	7.25	5.47	0.084	0.289	6.2	6.39	6.68	6.826
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/11/82-12/30/97	273	0.282	0.385	3.388	0.056	0.14	0.375	0.149	0.209	0.407	0.631
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	08/02/82-12/30/97	269	0.04	0.04	0.08	0.01	0.	0.01	0.03	0.03	0.05	0.05
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/11/82-01/19/93	134	0.007	0.014	0.642	0.003	0.003	0.056	0.003	0.003	0.01	0.018
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	05/11/82-12/30/97	223	0.003	0.005	0.02	0.	0.	0.006	0.	0.	0.006	0.02
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	02/08/83-12/30/97	196	1.	1.14	8.6	0.3	0.569	0.754	0.6	0.8	1.3	1.8
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/11/82-12/30/97	280	1.2	1.216	2.5	0.	0.078	0.279	0.9	1.	1.4	1.59
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/11/82-12/30/97	280	0.2	0.199	0.4	0.	0.003	0.054	0.1	0.2	0.2	0.3
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/11/82-12/30/97	280	0.405	0.462	3.6	0.	0.056	0.236	0.3	0.37	0.52	0.609
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/11/82-12/30/97	280	0.15	0.15	0.31	0.01	0.001	0.034	0.11	0.13	0.17	0.19
00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/11/82-12/30/97	283	0.1	0.122	0.5	0.	0.004	0.067	0.07	0.09	0.2	0.2
00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/11/82-12/30/97	280	1.4	1.459	2.5	0.8	0.134	0.366	1.	1.2	1.7	2.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/07/82-12/31/96	177	0.09	0.085	0.2	0.	0.	0.022	0.06	0.07	0.1	0.11
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/21/82-12/30/97	236	1.6	1.71	3.9	0.	0.223	0.472	1.3	1.4	2.	2.3
01046	IRON, DISSOLVED (UG/L AS FE)	12/07/82-09/06/93	160	30.	32.175	97.	0.	256.661	16.021	15.1	20.	40.	55.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	12/07/82-05/11/93	159	1.	1.604	7.4	0.	1.1	1.049	1.	1.	2.	2.8
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/01/82-09/28/93	170	23.5	29.924	98.	0.06	352.017	18.762	12.	17.	40.	60.
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	06/10/83-12/30/97	259	0.01	0.019	0.15	0.	0.001	0.024	0.	0.001	0.02	0.05
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/11/82-12/30/97	278	1.	0.997	1.9	0.04	0.104	0.322	0.6	0.8	1.2	1.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 4/10 - Station ROMO0325

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/02/82-12/30/97	118	0.	0.413	3.	-2.	0.482	0.694	0.	0.	1.	1.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/11/82-12/30/97	178	19.	19.152	25.	12.	7.655	2.767	16.	17.	21.	23.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/07/82-12/30/97	181	18.	17.818	25.	12.	9.072	3.012	14.	16.	19.5	22.
00403	PH, LAB, STANDARD UNITS SU	12/07/82-12/30/97	199	6.5	6.499	7.2	4.2	0.079	0.281	6.2	6.3	6.7	6.8
00403	CONVERTED PH, LAB, STANDARD UNITS	12/07/82-12/30/97	199	6.5	6.175	7.2	4.2	0.185	0.43	6.2	6.3	6.7	6.8
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/82-12/30/97	199	0.316	0.668	63.096	0.063	19.819	4.452	0.158	0.2	0.501	0.631
00406	PH, FIELD, STANDARD UNITS SU	05/11/82-12/30/97	182	6.38	6.372	6.78	5.35	0.033	0.182	6.14	6.29	6.48	6.577
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/11/82-12/30/97	182	6.38	6.324	6.78	5.35	0.035	0.188	6.14	6.29	6.48	6.577
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/11/82-12/30/97	182	0.417	0.475	4.467	0.166	0.125	0.354	0.265	0.331	0.513	0.724
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	08/02/82-12/30/97	197	0.1	0.093	0.13	0.01	0.001	0.024	0.06	0.07	0.11	0.12
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/11/82-01/19/93	77	0.007	0.011	0.072	0.003	0.	0.012	0.003	0.003	0.013	0.021
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	05/11/82-12/30/97	149 ##	0.	0.003	0.12	0.	0.	0.01	0.	0.	0.003	0.006
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	02/08/83-12/30/97	170	1.1	1.089	2.5	0.1	0.138	0.372	0.7	0.8	1.3	1.4
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/11/82-12/30/97	199	2.1	2.112	2.8	1.2	0.083	0.288	1.7	1.9	2.3	2.5
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/11/82-12/30/97	199	0.3	0.349	0.9	0.2	0.005	0.074	0.3	0.3	0.4	0.4
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/11/82-12/30/97	199	1.	0.982	2.24	0.53	0.047	0.217	0.71	0.81	1.1	1.21
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/11/82-12/30/97	199	0.22	0.233	3.6	0.02	0.059	0.243	0.17	0.2	0.24	0.26
00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/11/82-12/30/97	199	0.2	0.205	0.7	0.08	0.005	0.072	0.1	0.2	0.2	0.3
00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/11/82-12/30/97	199	2.4	2.439	6.3	1.3	0.248	0.498	2.	2.1	2.7	3.1
00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/07/82-12/31/96	108	0.1	0.097	0.24	0.	0.002	0.041	0.	0.09	0.11	0.13
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/21/82-12/30/97	161	2.7	2.698	4.7	0.7	0.616	0.785	1.5	2.2	3.3	3.6
01046	IRON, DISSOLVED (UG/L AS FE)	12/07/82-09/06/93	70	47.5	50.514	100.	12.	542.369	23.289	22.	31.75	72.	80.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	12/07/82-05/11/93	82	4.	3.662	12.	1.	4.27	2.066	1.	2.	4.925	5.73
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/01/82-09/28/93	94	14.	15.404	32.	1.	39.469	6.282	8.5	11.	18.	24.
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	06/10/83-12/30/97	190	0.02	0.027	0.15	0.	0.001	0.027	0.	0.01	0.04	0.05

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 4/10 - Station ROMO0325

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/11/82-12/30/97	199	1.2	1.083	1.9	0.04	0.201	0.449	0.3	0.9	1.4	1.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/11 to 6/09 - Station ROMO0325

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/02/82-12/30/97	117	2.	2.315	8.	0.	4.194	2.048	0.	1.	3.75	5.1
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/11/82-12/30/97	166	15.	15.872	131.	0.8	89.044	9.436	12.7	13.75	16.	19.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/07/82-12/30/97	155	15.	15.2	23.	8.	5.849	2.419	13.	14.	16.	18.4
00403	PH, LAB, STANDARD UNITS SU	12/07/82-12/30/97	136	6.3	6.347	7.	4.5	0.092	0.303	6.	6.2	6.5	6.7
00403	CONVERTED PH, LAB, STANDARD UNITS	12/07/82-12/30/97	136	6.3	6.121	7.	4.5	0.143	0.378	6.	6.2	6.5	6.7
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/07/82-12/30/97	136	0.501	0.756	31.623	0.1	7.285	2.699	0.2	0.316	0.631	1.
00406	PH, FIELD, STANDARD UNITS SU	05/11/82-12/30/97	166	6.13	6.15	6.69	5.58	0.046	0.214	5.887	6.	6.293	6.44
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/11/82-12/30/97	166	6.13	6.098	6.69	5.58	0.048	0.22	5.887	6.	6.293	6.44
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/11/82-12/30/97	166	0.741	0.797	2.63	0.204	0.167	0.409	0.363	0.51	1.	1.297
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	08/02/82-12/30/97	160	0.04	0.056	0.12	0.02	0.001	0.025	0.03	0.04	0.07	0.1
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	05/11/82-01/19/93	99	0.007	0.01	0.069	0.003	0.	0.009	0.003	0.003	0.013	0.016
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	05/11/82-12/30/97	144	0.003	0.006	0.02	0.	0.	0.006	0.	0.003	0.006	0.02
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	02/08/83-12/30/97	106	3.1	3.077	5.7	0.9	1.096	1.047	1.57	2.475	3.9	4.33
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/11/82-12/30/97	167	1.6	1.612	2.3	1.	0.074	0.272	1.3	1.4	1.8	2.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/11/82-12/30/97	167	0.3	0.317	2.6	0.2	0.067	0.259	0.2	0.3	0.3	0.4
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/11/82-12/30/97	167	0.51	0.593	1.09	0.23	0.031	0.177	0.4	0.48	0.7	0.882
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/11/82-12/30/97	167	0.24	0.255	0.53	0.	0.005	0.072	0.188	0.21	0.28	0.352
00941	CHLORIDE, DISSOLVED IN WATER MG/L	05/11/82-12/30/97	167	0.2	0.198	0.4	0.1	0.003	0.055	0.1	0.2	0.2	0.3
00946	SULFATE, DISSOLVED (MG/L AS SO4)	05/11/82-12/30/97	167	1.9	1.949	4.4	1.4	0.141	0.376	1.6	1.7	2.1	2.4
00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/07/82-12/31/96	133	0.07	0.076	0.17	0.01	0.	0.019	0.054	0.07	0.085	0.1
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/21/82-12/30/97	157	2.5	2.559	4.6	0.8	0.453	0.673	1.8	2.15	3.	3.5
01046	IRON, DISSOLVED (UG/L AS FE)	12/07/82-09/06/93	105	56.	59.219	99.	18.	391.846	19.795	36.6	42.	74.5	88.4
01056	MANGANESE, DISSOLVED (UG/L AS MN)	12/07/82-05/11/93	127	4.4	4.864	23.	1.	13.235	3.638	1.	2.2	6.	8.82
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/01/82-09/28/93	87	78.	69.126	99.	0.	626.763	25.035	23.	60.	87.	94.2
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	06/10/83-12/30/97	155	0.03	0.031	0.1	0.	0.001	0.023	0.001	0.01	0.05	0.07
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	05/11/82-12/30/97	165	1.1	1.032	1.9	0.04	0.147	0.383	0.5	0.8	1.3	1.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: ROMO0326

NPS Station ID: ROMO0326
LAT/LON: 40.292837/-105.654531
Agency: 11NPSWRD
Date Created: 08/28/99
Location: Icy Brook Outlet from The Loch
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_SM_GGTLO
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the McHenrys Peak CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0326

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	1	33.	33.	33.	33.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/31/81-07/31/81	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	1	5.93	5.93	5.93	5.93	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/31/81-07/31/81	1	5.93	5.93	5.93	5.93	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	1.175	1.175	1.175	1.175	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	1	47.	47.	47.	47.	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	1	0.34	0.34	0.34	0.34	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	1	2.1	2.1	2.1	2.1	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0326

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0327

NPS Station ID: ROMO0327 | LAT/LON: 40.293337/-105.658338 | Agency: 112WRD | Date Created: 10/31/87
Location: LITTLE LOCH CREEK - LOCH VALE | FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): 401736105393000
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006 | Depth of Water: 0 | Aquifer:
Major Basin: | Elevation: 0 | Water Body Id:
Minor Basin: | ECO Region:
RF1 Index: 10190006 | RF1 Mile Point: 0.000 | Distance from RF1: 5.50 | On/Off RF1:
RF3 Index: 10190006045400.55 | RF3 Mile Point: 0.55 | Distance from RF3: 0.05 | On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0327

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	08/02/83-05/19/87	9	1.	0.999	2.	0.09	0.67	0.818	0.09	0.2	2.	2.
00080	COLOR (PLATINUM-COBALT UNITS)	06/13/84-07/30/86	11	15.	14.091	25.	5.	52.891	7.273	5.	7.	20.	25.
00400	PH (STANDARD UNITS)	08/29/89-06/23/92	9	6.39	6.383	6.56	6.19	0.013	0.114	6.19	6.29	6.475	6.56
00400	CONVERTED PH (STANDARD UNITS)	08/29/89-06/23/92	9	6.39	6.37	6.56	6.19	0.013	0.115	6.19	6.29	6.475	6.56
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/29/89-06/23/92	9	0.407	0.427	0.646	0.275	0.013	0.115	0.275	0.335	0.513	0.646
00403	PH, LAB, STANDARD UNITS SU	06/03/85-07/30/86	3	6.7	6.7	6.8	6.6	0.01	0.1	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/03/85-07/30/86	3	6.7	6.692	6.8	6.6	0.01	0.1	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/03/85-07/30/86	3	0.2	0.203	0.251	0.158	0.002	0.046	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/02/83-09/29/92	34	0.01	0.017	0.084	0.001	0.	0.022	0.001	0.003	0.018	0.056
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/17/84-09/29/92	26	0.002	0.002	0.011	0.001	0.	0.002	0.001	0.001	0.003	0.005
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/02/83-09/29/92	24	0.02	0.026	0.08	0.005	0.001	0.024	0.005	0.005	0.04	0.07
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/17/84-09/29/92	26	0.02	0.029	0.1	0.003	0.001	0.029	0.004	0.01	0.04	0.086
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/13/84-08/15/84	6 ##	0.005	0.006	0.01	0.005	0.	0.002	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/02/83-09/29/92	34 ##	0.001	0.007	0.05	0.001	0.	0.015	0.001	0.001	0.005	0.044
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/20/84-06/20/84	1	230.	230.	230.	230.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/02/83-09/29/92	32	0.15	0.144	0.3	0.05	0.004	0.067	0.06	0.08	0.2	0.2
00945	SULFATE, TOTAL (MG/L AS SO4)	08/02/83-09/29/92	32	1.	1.188	2.	1.	0.157	0.397	1.	1.	1.	2.
01046	IRON, DISSOLVED (UG/L AS FE)	08/30/83-08/30/83	1	150.	150.	150.	150.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/02/83-08/13/91	15	120.	122.667	140.	100.	92.381	9.612	106.	120.	130.	134.
71825	ACIDITY, TOTAL (MG/L AS H)	08/02/83-09/29/92	25	0.04	0.036	0.05	0.005	0.	0.011	0.02	0.03	0.04	0.05
71870	BROMIDE (MG/L AS BR)	08/02/83-09/29/92	32 ##	0.005	0.007	0.025	0.005	0.	0.006	0.005	0.005	0.005	0.02
72015	DEPTH TO TOP OF SAMPLE INTERVAL (FT BELOW LSD)	08/30/83-08/30/83	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0327

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	9	0	0.00	9	0	0.00									
		Other-Lo Lim.	6.5	9	8	0.89	9	8	0.89									
00403	PH, LAB	Fresh Chronic	9.	3	0	0.00	2	0	0.00				1	0	0.00			
		Other-Lo Lim.	6.5	3	0	0.00	2	0	0.00				1	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	26	0	0.00	23	0	0.00				3	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	24	0	0.00	22	0	0.00				2	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: ROMO0327

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	26	0	0.00	23	0	0.00				3	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	32	0	0.00	29	0	0.00				3	0	0.00			
		Drinking Water	250.	32	0	0.00	29	0	0.00				3	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	32	0	0.00	29	0	0.00				3	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 6/10 to 10/31 - Station ROMO0327

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/02/83-09/29/92	31	0.01	0.018	0.084	0.001	0.001	0.023	0.001	0.002	0.02	0.062
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/17/84-09/29/92	23	0.002	0.002	0.011	0.001	0.	0.002	0.001	0.001	0.003	0.004
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/02/83-09/29/92	22	0.02	0.027	0.08	0.005	0.001	0.025	0.005	0.005	0.043	0.074
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/17/84-09/29/92	23	0.02	0.03	0.1	0.003	0.001	0.031	0.004	0.01	0.04	0.092
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/02/83-09/29/92	31 ##	0.001	0.008	0.05	0.001	0.	0.016	0.001	0.001	0.005	0.047
00940	CHLORIDE,TOTAL IN WATER MG/L	08/02/83-09/29/92	29	0.1	0.138	0.3	0.05	0.005	0.068	0.06	0.08	0.2	0.2
00945	SULFATE, TOTAL (MG/L AS SO4)	08/02/83-09/29/92	29	1.	1.207	2.	1.	0.17	0.412	1.	1.	1.	2.
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/02/83-08/13/91	12	120.	120.833	140.	100.	99.242	9.962	103.	120.	127.5	137.
71825	ACIDITY, TOTAL (MG/L AS H)	08/02/83-09/29/92	22	0.04	0.036	0.05	0.005	0.	0.011	0.02	0.03	0.04	0.05
71870	BROMIDE (MG/L AS BR)	08/02/83-09/29/92	29 ##	0.005	0.008	0.025	0.005	0.	0.006	0.005	0.005	0.005	0.025

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/11 to 6/09 - Station ROMO0327

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/02/83-09/29/92	3	0.016	0.012	0.017	0.004	0.	0.007	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/17/84-09/29/92	3	0.002	0.003	0.005	0.002	0.	0.002	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/02/83-09/29/92	2 ##	0.018	0.018	0.03	0.005	0.	0.018	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/17/84-09/29/92	3	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/02/83-09/29/92	3 ##	0.001	0.001	0.002	0.001	0.	0.001	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/02/83-09/29/92	3	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/02/83-09/29/92	3	1.	1.	1.	1.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/02/83-08/13/91	3	130.	130.	130.	130.	0.	0.	**	**	**	**
71825	ACIDITY, TOTAL (MG/L AS H)	08/02/83-09/29/92	3	0.03	0.037	0.05	0.03	0.	0.012	**	**	**	**
71870	BROMIDE (MG/L AS BR)	08/02/83-09/29/92	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: ROMO0328

NPS Station ID: ROMO0328 LAT/LON: 40.293420/-105.656031 Agency: 11NPSWRD Date Created: 06/30/99
Location: LITTLE LOCH CREEK AT THE INLET TO THE LOCH FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): ROMO_JB_LOCHCRK
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI RIVER Elevation: 0 Water Body Id:
Minor Basin: SOUTH PLATTE RIVER ECO Region:
RF1 Index: 10190006 RF1 Mile Point: 0.000 Distance from RF1: 12.40 On/Off RF1:
RF3 Index: 10190007002218.40 RF3 Mile Point: 18.39 Distance from RF3: 0.57 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MCHENRYS PEAK CO 7.5' (TOPOGRAPHICAL) SERIES QUADRANGLE. THE SITE IS AT LITTLE LOCH CREEK AT THE INLET STREAM TO THE LOCH AND IS LOCATED IN ROCKY MOUNTAIN NATIONAL PARK. DATA WERE COLLECTED FOR THE LOCH VALE WATERSHED STUDY; A LONG TERM MONITORING STUDY FOR THE NATIONAL ATMOSPHERIC DEPOSITION PROGRAM/NATIONAL ACID PRECIPITATION ASSESSMENT PROGRAM (NADP/NAPAP). THE NADP/NAPAP MONITORS WATER QUALITY OF SENSITIVE ENVIRONMENTS FOR CHANGES DUE TO ACID PRECIPITATION. JILL BARON IS THE PROJECT CONTACT FOR THE STUDY AT THE NATURAL RESOURCES ECOLOGY LABORATORY AT COLORADO STATE UNIVERSITY IN FORT COLLINS CO 80525 (TEL. 970-491-1968). FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0328

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/10/83-10/07/97	44	6.75	6.477	11.5	1.	7.149	2.674	2.75	4.125	8.875	9.9
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/08/82-10/07/97	58	12.	12.224	19.	3.	7.651	2.766	9.	10.	14.25	16.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/08/82-10/07/97	55	12.	12.727	24.	9.	7.906	2.812	9.6	11.	14.	16.
00403	PH, LAB, STANDARD UNITS SU	12/08/82-10/07/97	50	6.6	6.586	7.2	6.1	0.059	0.243	6.21	6.4	6.8	6.9
00403	CONVERTED PH, LAB, STANDARD UNITS	12/08/82-10/07/97	50	6.6	6.522	7.2	6.1	0.063	0.252	6.21	6.4	6.8	6.9
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/08/82-10/07/97	50	0.251	0.301	0.794	0.063	0.028	0.166	0.126	0.158	0.398	0.618
00406	PH, FIELD, STANDARD UNITS SU	12/08/82-10/07/97	61	6.5	6.47	6.8	5.85	0.036	0.19	6.2	6.37	6.6	6.714
00406	CONVERTED PH, FIELD, STANDARD UNITS	12/08/82-10/07/97	61	6.5	6.425	6.8	5.85	0.038	0.195	6.2	6.37	6.6	6.714
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/08/82-10/07/97	61	0.316	0.376	1.413	0.158	0.042	0.205	0.193	0.251	0.427	0.631
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	06/10/83-10/07/97	54	0.065	0.064	0.1	0.01	0.001	0.022	0.04	0.048	0.083	0.09
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/17/84-09/29/92	29	0.007	0.008	0.036	0.003	0.	0.008	0.003	0.003	0.01	0.016
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	12/08/82-10/07/97	48	0.003	0.004	0.02	0.	0.	0.005	0.	0.003	0.006	0.01
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	06/27/84-10/07/97	36	2.95	3.1	5.6	1.4	1.075	1.037	1.84	2.225	3.975	4.52
00915	CALCIUM, DISSOLVED (MG/L AS CA)	12/08/82-10/07/97	58	1.3	1.341	2.2	1.	0.055	0.235	1.09	1.1	1.5	1.6
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	12/08/82-10/07/97	58	0.3	0.305	2.3	0.2	0.075	0.273	0.2	0.2	0.3	0.31
00930	SODIUM, DISSOLVED (MG/L AS NA)	12/08/82-10/07/97	58	0.6	0.596	0.93	0.4	0.017	0.13	0.4	0.5	0.7	0.764
00935	POTASSIUM, DISSOLVED (MG/L AS K)	12/08/82-10/07/97	58	0.205	0.208	0.32	0.13	0.002	0.041	0.16	0.18	0.233	0.26
00941	CHLORIDE, DISSOLVED IN WATER MG/L	12/08/82-10/07/97	62	0.09	0.11	0.6	0.	0.009	0.093	0.02	0.06	0.1	0.2
00946	SULFATE, DISSOLVED (MG/L AS SO4)	12/08/82-10/07/97	59	1.3	1.31	2.8	0.8	0.079	0.281	1.	1.2	1.4	1.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: ROMO0328

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/08/82-06/25/96	45	0.06	0.064	0.15	0.02	0.001	0.027	0.04	0.05	0.07	0.108
00955	SILICA, DISSOLVED (MG/L AS SI02)	12/08/82-10/07/97	52	3.55	3.652	5.1	1.7	0.648	0.805	2.7	2.925	4.3	4.7
01046	IRON, DISSOLVED (UG/L AS FE)	12/08/82-09/29/92	38	26.	27.263	57.	12.	93.713	9.681	14.9	21.75	30.25	43.2
01056	MANGANESE, DISSOLVED (UG/L AS MN)	12/08/82-09/29/92	39	1.	2.203	13.	1.	6.403	2.53	1.	1.	2.	4.
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/20/85-08/23/93	17	62.	68.588	97.	49.	314.382	17.731	49.8	52.	85.5	96.2
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	06/10/83-10/07/97	60	0.02	0.026	0.11	0.	0.001	0.029	0.	0.004	0.038	0.06
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	12/08/82-10/07/97	58	0.05	0.124	1.7	0.	0.054	0.233	0.	0.04	0.1	0.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0328

				Total	Exceed	Prop.	----------6/10-10/31----------			----------11/01-4/10----------			----------4/11-6/09----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00403	PH, LAB	Fresh Chronic	9.	50	0	0.00	45	0	0.00	1	0	0.00	4	0	0.00			
		Other-Lo Lim.	6.5	50	22	0.44	45	17	0.38	1	1	1.00	4	4	1.00			
00406	PH, FIELD	Fresh Chronic	9.	61	0	0.00	54	0	0.00	1	0	0.00	6	0	0.00			
		Other-Lo Lim.	6.5	61	32	0.52	54	27	0.50	1	1	1.00	6	4	0.67			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	29	0	0.00	26	0	0.00				3	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	62	0	0.00	55	0	0.00	1	0	0.00	6	0	0.00			
		Drinking Water	250.	62	0	0.00	55	0	0.00	1	0	0.00	6	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	59	0	0.00	52	0	0.00	1	0	0.00	6	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	45	0	0.00	39	0	0.00	1	0	0.00	5	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	58	0	0.00	51	0	0.00	1	0	0.00	6	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 6/10 to 10/31 - Station ROMO0328

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/10/83-10/07/97	39	7.	6.974	11.5	1.	5.814	2.411	4.	5.	9.	10.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/08/82-10/07/97	51	12.	12.216	19.	3.	7.653	2.766	9.	10.	14.	15.8
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/08/82-10/07/97	48	12.	12.792	19.	9.	5.488	2.343	10.	11.	14.75	16.
00403	PH, LAB, STANDARD UNITS SU	12/08/82-10/07/97	45	6.6	6.609	7.2	6.1	0.059	0.243	6.26	6.45	6.8	6.9
00403	CONVERTED PH, LAB, STANDARD UNITS	12/08/82-10/07/97	45	6.6	6.544	7.2	6.1	0.063	0.252	6.26	6.45	6.8	6.9
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/08/82-10/07/97	45	0.251	0.286	0.794	0.063	0.027	0.164	0.126	0.158	0.357	0.553
00406	PH, FIELD, STANDARD UNITS SU	12/08/82-10/07/97	54	6.505	6.485	6.8	5.85	0.032	0.179	6.2	6.4	6.6	6.705
00406	CONVERTED PH, FIELD, STANDARD UNITS	12/08/82-10/07/97	54	6.505	6.443	6.8	5.85	0.034	0.184	6.2	6.4	6.6	6.705
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/08/82-10/07/97	54	0.313	0.36	1.413	0.158	0.039	0.198	0.197	0.251	0.398	0.631
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	06/10/83-10/07/97	48	0.07	0.067	0.1	0.01	0.	0.022	0.04	0.05	0.09	0.09
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/17/84-09/29/92	26	0.007	0.008	0.036	0.003	0.	0.008	0.003	0.003	0.01	0.017
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	12/08/82-10/07/97	42	0.003	0.004	0.02	0.	0.	0.005	0.	0.002	0.006	0.008
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	06/27/84-10/07/97	33	2.9	2.952	5.	1.4	0.867	0.931	1.78	2.2	3.8	4.2
00915	CALCIUM, DISSOLVED (MG/L AS CA)	12/08/82-10/07/97	51	1.4	1.347	1.7	1.	0.043	0.208	1.02	1.2	1.5	1.6
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	12/08/82-10/07/97	51	0.3	0.314	2.3	0.2	0.084	0.289	0.2	0.2	0.3	0.3
00930	SODIUM, DISSOLVED (MG/L AS NA)	12/08/82-10/07/97	51	0.6	0.604	0.93	0.4	0.015	0.124	0.41	0.5	0.7	0.758
00935	POTASSIUM, DISSOLVED (MG/L AS K)	12/08/82-10/07/97	51	0.21	0.209	0.32	0.13	0.002	0.041	0.162	0.18	0.23	0.26
00941	CHLORIDE, DISSOLVED IN WATER MG/L	12/08/82-10/07/97	55	0.09	0.1	0.4	0.	0.005	0.07	0.02	0.06	0.1	0.2
00946	SULFATE, DISSOLVED (MG/L AS SO4)	12/08/82-10/07/97	52	1.3	1.285	1.7	0.8	0.044	0.211	1.	1.125	1.4	1.6
00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/08/82-06/25/96	39	0.06	0.064	0.15	0.02	0.001	0.027	0.04	0.04	0.07	0.1
00955	SILICA, DISSOLVED (MG/L AS SI02)	12/08/82-10/07/97	46	3.85	3.741	5.1	1.7	0.661	0.813	2.67	3.	4.425	4.73
01046	IRON, DISSOLVED (UG/L AS FE)	12/08/82-09/29/92	33	25.	26.636	57.	12.	92.739	9.63	14.4	20.5	30.5	41.8
01056	MANGANESE, DISSOLVED (UG/L AS MN)	12/08/82-09/29/92	34	1.	2.259	13.	1.	7.157	2.675	1.	1.	2.25	4.15
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/20/85-08/23/93	17	62.	68.588	97.	49.	314.382	17.731	49.8	52.	85.5	96.2
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	06/10/83-10/07/97	54	0.015	0.025	0.11	0.	0.001	0.029	0.	0.004	0.043	0.06
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	12/08/82-10/07/97	51	0.05	0.099	0.4	0.	0.011	0.104	0.	0.04	0.1	0.28

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 4/10 - Station ROMO0328

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/08/82-10/07/97	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/08/82-10/07/97	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	12/08/82-10/07/97	1	6.3	6.3	6.3	6.3	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	12/08/82-10/07/97	1	6.3	6.3	6.3	6.3	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/08/82-10/07/97	1	0.501	0.501	0.501	0.501	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	12/08/82-10/07/97	1	6.08	6.08	6.08	6.08	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	12/08/82-10/07/97	1	6.08	6.08	6.08	6.08	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/08/82-10/07/97	1	0.832	0.832	0.832	0.832	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	12/08/82-10/07/97	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	12/08/82-10/07/97	1	2.2	2.2	2.2	2.2	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	12/08/82-10/07/97	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	12/08/82-10/07/97	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	12/08/82-10/07/97	1	0.23	0.23	0.23	0.23	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	12/08/82-10/07/97	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	12/08/82-10/07/97	1	2.8	2.8	2.8	2.8	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/08/82-06/25/96	1	0.13	0.13	0.13	0.13	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	12/08/82-10/07/97	1	3.1	3.1	3.1	3.1	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	12/08/82-09/29/92	1	49.	49.	49.	49.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	12/08/82-09/29/92	1	4.	4.	4.	4.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	12/08/82-10/07/97	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/11 to 6/09 - Station ROMO0328

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/10/83-10/07/97	5	2.5	2.6	3.5	2.	0.425	0.652	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/08/82-10/07/97	6	10.5	11.5	16.	10.	5.5	2.345	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/08/82-10/07/97	6	10.5	10.333	12.	9.	1.467	1.211	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	12/08/82-10/07/97	4	6.45	6.4	6.5	6.2	0.02	0.141	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	12/08/82-10/07/97	4	6.447	6.382	6.5	6.2	0.02	0.143	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/08/82-10/07/97	4	0.357	0.415	0.631	0.316	0.022	0.149	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	12/08/82-10/07/97	6	6.335	6.4	6.8	6.2	0.054	0.231	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	12/08/82-10/07/97	6	6.334	6.356	6.8	6.2	0.056	0.236	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/08/82-10/07/97	6	0.464	0.441	0.631	0.158	0.035	0.188	**	**	**	**
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	06/10/83-10/07/97	6	0.04	0.042	0.05	0.03	0.	0.008	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/17/84-09/29/92	3	0.007	0.01	0.016	0.007	0.	0.005	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	12/08/82-10/07/97	5	0.003	0.003	0.006	0.	0.	0.002	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	06/27/84-10/07/97	3	4.4	4.733	5.6	4.2	0.573	0.757	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	12/08/82-10/07/97	6	1.1	1.15	1.3	1.1	0.007	0.084	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	12/08/82-10/07/97	6	0.2	0.217	0.3	0.2	0.002	0.041	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	12/08/82-10/07/97	6	0.48	0.477	0.53	0.4	0.002	0.049	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	12/08/82-10/07/97	6	0.18	0.192	0.25	0.14	0.002	0.044	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	12/08/82-10/07/97	6	0.1	0.113	0.2	0.08	0.002	0.043	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	12/08/82-10/07/97	6	1.3	1.283	1.4	1.1	0.01	0.098	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/08/82-06/25/96	5	0.06	0.056	0.06	0.05	0.	0.005	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	12/08/82-10/07/97	5	2.9	2.94	3.2	2.8	0.028	0.167	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	12/08/82-09/29/92	4	26.5	27.	30.	25.	4.667	2.16	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	12/08/82-09/29/92	4	1.2	1.275	1.7	1.	0.116	0.34	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	06/10/83-10/07/97	6	0.02	0.031	0.1	0.005	0.001	0.034	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	12/08/82-10/07/97	6	0.04	0.07	0.2	0.	0.005	0.071	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: ROMO0329

NPS Station ID: ROMO0329 | LAT/LON: 40.293615/-105.849198 | Agency: 11NPSWRD | Date Created: 06/18/99
Location: 106063/C04494 | FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): ROMO_NURE_215 /1074147 /1118625
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14010001 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: UPPER COLORADO RIVER | ECO Region:
RF1 Index: 14010001 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE GRAND LAKE CO 7.5' SERIES (TOPOGRAPHIC) QUAD. THE SITE IS AT A STREAM WITHIN ROCKY MOUNTAIN NATIONAL PARK (ROMO). EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN ONE WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE U.S. GEOLOGICAL SURVEY "NATIONAL GEOCHEMICAL DATA BASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND KIM BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. "UNIQID" ENTRIES WERE USED TO CREATE THE SECONDARY STATION NAMES. "LASLID" ENTRIES WERE USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LABORATORY. FOR MORE INFORMATION ABOUT THE PARK CONTACT NATURAL RESOURCES AT ROMO; ESTES PARK; CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AT NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS; CO 80525 (TEL. 970-225-3556).

Parameter Inventory for Station: ROMO0329

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/23/76-09/23/76	1	10.1	10.1	10.1	10.1	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/23/76-09/23/76	1	102.	102.	102.	102.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/23/76-09/23/76	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/23/76-09/23/76	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/23/76-09/23/76	1	0.126	0.126	0.126	0.126	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/23/76-09/23/76	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0329

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0330

NPS Station ID: ROMO0330 | LAT/LON: 40.294642/-105.616838 | Agency: 11NPSWRD | Date Created: 07/03/99
Location: BOULDER BROOK AT 10100 FT. | FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): ROMO_NJ_BB3
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006 | Depth of Water: 0 | Aquifer:
Major Basin: MISSOURI RIVER | Elevation: 0 | Water Body Id:
Minor Basin: SOUTH PLATTE RIVER | ECO Region:
RF1 Index: 10190006 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE LONGS PEAK CO. 7.5' (TOPOGRAPHICAL) SERIES QUADRANGLE. THE SITE IS AT BOULDER BROOK AT 10100 FEET ELEVATION AND IS LOCATED IN ROCKY MOUNTAIN NATIONAL PARK. THE DATA WERE COLLECTED BY NANCY JACOBSON TO CONTINUE THE BASELINE WATER QUALITY MONITORING PROGRAMS FOR THE BIG THOMPSON AND FALL RIVERS; AND TO ASSESS PRESENT HUMAN IMPACTS TO BIOLOGICAL PARAMETERS OF WATER QUALITY IN BOULDER BROOK. ONLY TEMPERATURE AND BACTERIOLOGICAL RESULTS WERE AVAILABLE AT THE TIME OF REPORT WRITING. FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0330

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/03/81-08/16/82	13	4.	3.769	6.	1.	3.526	1.878	1.	2.	5.5	6.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/03/81-08/16/82	13	9.	11.154	36.	0.	140.808	11.866	0.	1.	16.5	34.4
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/03/81-08/16/82	13	0.954	0.789	1.556	0.	0.313	0.559	0.	0.151	1.192	1.536
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			6.152								
61214	FECAL STREPTOCOCCI, GENERAL #/100ML	08/03/81-08/16/82	11	37.	46.909	93.	0.	1353.491	36.79	3.2	18.	92.	93.
61215	FECAL COLIFORM, GENERAL #/100ML	08/03/81-08/16/82	12	0.	0.083	1.	0.	0.083	0.289	0.	0.	0.	0.7

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0330

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	13	0	0.00	10	0	0.00				3	0	0.00			
61215	FECAL COLIFORM, GENERAL #/100ML	Other-Hi Lim.	200.	12	0	0.00	9	0	0.00				3	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0331

NPS Station ID: ROMO0331
LAT/LON: 40.295504/-105.645671
Agency: 11NPSWRD
Date Created: 08/28/99
Location: Icy Brook above Confluence with Glacier Creek
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_SM_GGAGC
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the McHenrys Peak CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0331

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/31/81-07/31/81	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.251	0.251	0.251	0.251	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	1	5.94	5.94	5.94	5.94	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/31/81-07/31/81	1	5.94	5.94	5.94	5.94	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	1.148	1.148	1.148	1.148	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	1	43.	43.	43.	43.	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	1	2.2	2.2	2.2	2.2	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0331

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0332

NPS Station ID: ROMO0332
LAT/LON: 40.296171/-105.644003
Agency: 11NPSWRD
Date Created: 08/28/99
Location: Glacier Creek below Icy Brook Confluence
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_SM_GGBIB
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the McHenrys Peak CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0332

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/31/81-07/31/81	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	1	5.97	5.97	5.97	5.97	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/31/81-07/31/81	1	5.97	5.97	5.97	5.97	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	1.072	1.072	1.072	1.072	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	1	65.	65.	65.	65.	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	1	0.13	0.13	0.13	0.13	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	1	2.9	2.9	2.9	2.9	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0332

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0333

NPS Station ID: ROMO0333
LAT/LON: 40.301753/-105.637782
Agency: 11NPSWRD
Date Created: 08/28/99
Location: Glacier Cr. between Icy Br. and Chaos Cr. Confl.
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_SM_GGIBCC
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the McHenrys Peak CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0333

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/31/81-07/31/81	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	1	5.88	5.88	5.88	5.88	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/31/81-07/31/81	1	5.88	5.88	5.88	5.88	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	1.318	1.318	1.318	1.318	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	1	65.	65.	65.	65.	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	1	0.14	0.14	0.14	0.14	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	1	2.9	2.9	2.9	2.9	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0333

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0334

NPS Station ID: ROMO0334
LAT/LON: 40.304642/-105.660032
Agency: 11NPSWRD
Date Created: 06/30/99
Location: OUTLET STREAM FROM LAKE HAIYAHA
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_JB_HAIYAO
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MCHENRYS PEAK CO 7.5' (TOPOGRAPHICAL) SERIES QUADRANGLE. THE SITE IS AT THE OUTLET STREAM FROM LAKE HAIYAHA AND IS LOCATED IN ROCKY MOUNTAIN NATIONAL PARK. DATA WERE COLLECTED FOR THE LOCH VALE WATERSHED STUDY; A LONG TERM MONITORING STUDY FOR THE NATIONAL ATMOSPHERIC DEPOSITION PROGRAM/NATIONAL ACID PRECIPITATION ASSESSMENT PROGRAM (NADP/NAPAP). THE NADP/NAPAP MONITORS WATER QUALITY OF SENSITIVE ENVIRONMENTS FOR CHANGES DUE TO ACID PRECIPITATION. JILL BARON IS THE PROJECT CONTACT FOR THE STUDY AT THE NATURAL RESOURCES ECOLOGY LABORATORY AT COLORADO STATE UNIVERSITY IN FORT COLLINS CO 80525 (TEL. 970-491-1968). FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0334

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/12/82-07/16/97	6	9.1	8.283	11.	4.	6.042	2.458	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/20/81-07/16/97	23	11.	10.913	15.	8.	2.174	1.474	9.	10.	11.	13.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/10/83-07/16/97	10	10.5	10.2	12.	9.	1.289	1.135	9.	9.	11.	11.9
00403	PH, LAB, STANDARD UNITS SU	08/10/83-07/16/97	11	6.6	6.582	6.8	6.3	0.026	0.16	6.32	6.5	6.7	6.8
00403	CONVERTED PH, LAB, STANDARD UNITS	08/10/83-07/16/97	11	6.6	6.555	6.8	6.3	0.026	0.163	6.32	6.5	6.7	6.8
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/10/83-07/16/97	11	0.251	0.279	0.501	0.158	0.011	0.105	0.158	0.2	0.316	0.481
00406	PH, FIELD, STANDARD UNITS SU	07/20/81-07/16/97	25	6.52	6.452	6.96	5.58	0.128	0.357	5.892	6.215	6.68	6.92
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/20/81-07/16/97	25	6.52	6.288	6.96	5.58	0.155	0.394	5.892	6.215	6.68	6.92
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/20/81-07/16/97	25	0.302	0.515	2.63	0.11	0.318	0.564	0.12	0.209	0.612	1.283
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	07/20/81-07/16/97	24	0.04	0.043	0.06	0.02	0.	0.009	0.035	0.04	0.05	0.055
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	06/22/82-09/12/91	8	0.006	0.007	0.016	0.003	0.	0.005	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/20/81-07/16/97	22	0.003	0.005	0.01	0.	0.	0.004	0.	0.003	0.009	0.01
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	07/14/87-07/16/97	8	0.45	0.443	0.9	0.04	0.078	0.279	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/20/81-07/16/97	25	1.2	1.16	1.4	0.7	0.018	0.132	1.	1.1	1.2	1.28
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/20/81-07/16/97	25	0.2	0.192	0.2	0.01	0.001	0.038	0.2	0.2	0.2	0.2
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/20/81-07/16/97	25	0.43	0.436	0.54	0.35	0.002	0.045	0.396	0.405	0.455	0.508
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/20/81-07/16/97	25	0.14	0.142	0.21	0.07	0.001	0.028	0.12	0.12	0.155	0.18
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/20/81-07/16/97	25	0.1	0.124	0.4	0.02	0.006	0.075	0.07	0.09	0.15	0.2
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/20/81-07/16/97	25	1.4	1.432	1.9	1.	0.064	0.253	1.1	1.2	1.6	1.84

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: ROMO0334

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/10/83-09/27/93	8	0.105	0.103	0.12	0.08	0.	0.013	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/20/81-07/16/97	20	3.2	3.185	4.4	1.7	1.309	1.144	1.91	2.025	4.3	4.4
01046	IRON, DISSOLVED (UG/L AS FE)	08/10/83-09/12/91	6	6.	5.833	9.	4.	3.367	1.835	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/10/83-09/12/91	6	1.	1.067	1.4	1.	0.027	0.163	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/10/83-09/27/93	8	15.	14.125	21.	4.	46.411	6.813	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/20/81-07/16/97	20	0.006	0.013	0.1	0.	0.	0.022	0.	0.003	0.01	0.029
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/20/81-07/16/97	25	1.3	1.228	1.5	0.9	0.029	0.17	0.96	1.1	1.3	1.44

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0334

				Total	Exceed	Prop.	6/10-10/31			11/01-4/10			4/11-6/09			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00403	PH, LAB	Fresh Chronic	9.	11	0	0.00	11	0	0.00									
		Other-Lo Lim.	6.5	11	5	0.45	11	5	0.45									
00406	PH, FIELD	Fresh Chronic	9.	25	0	0.00	25	0	0.00									
		Other-Lo Lim.	6.5	25	11	0.44	25	11	0.44									
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	8	0	0.00	8	0	0.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	25	0	0.00	25	0	0.00									
		Drinking Water	250.	25	0	0.00	25	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	25	0	0.00	25	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	8	0	0.00	8	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	25	0	0.00	25	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 6/10 to 10/31 - Station ROMO0334

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/20/81-07/16/97	23	11.	10.913	15.	8.	2.174	1.474	9.	10.	11.	13.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/10/83-07/16/97	10	10.5	10.2	12.	9.	1.289	1.135	9.	9.	11.	11.9
00403	PH, LAB, STANDARD UNITS SU	08/10/83-07/16/97	11	6.6	6.582	6.8	6.3	0.026	0.16	6.32	6.5	6.7	6.8
00403	CONVERTED PH, LAB, STANDARD UNITS	08/10/83-07/16/97	11	6.6	6.555	6.8	6.3	0.026	0.163	6.32	6.5	6.7	6.8
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/10/83-07/16/97	11	0.251	0.279	0.501	0.158	0.011	0.105	0.158	0.2	0.316	0.481
00406	PH, FIELD, STANDARD UNITS SU	07/20/81-07/16/97	25	6.52	6.452	6.96	5.58	0.128	0.357	5.892	6.215	6.68	6.92
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/20/81-07/16/97	25	6.52	6.288	6.96	5.58	0.155	0.394	5.892	6.215	6.68	6.92
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/20/81-07/16/97	25	0.302	0.515	2.63	0.11	0.318	0.564	0.12	0.209	0.612	1.283
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	07/20/81-07/16/97	24	0.04	0.043	0.06	0.02	0.	0.009	0.035	0.04	0.05	0.055
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/20/81-07/16/97	22	0.003	0.005	0.01	0.	0.	0.004	0.	0.003	0.009	0.01
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/20/81-07/16/97	25	1.2	1.16	1.4	0.7	0.018	0.132	1.	1.1	1.2	1.28
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/20/81-07/16/97	25	0.2	0.192	0.2	0.01	0.001	0.038	0.2	0.2	0.2	0.2
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/20/81-07/16/97	25	0.43	0.436	0.54	0.35	0.002	0.045	0.396	0.405	0.455	0.508
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/20/81-07/16/97	25	0.14	0.142	0.21	0.07	0.001	0.028	0.12	0.12	0.155	0.18
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/20/81-07/16/97	25	0.1	0.124	0.4	0.02	0.006	0.075	0.07	0.09	0.15	0.2
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/20/81-07/16/97	25	1.4	1.432	1.9	1.	0.064	0.253	1.1	1.2	1.6	1.84
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/20/81-07/16/97	20	3.2	3.185	4.4	1.7	1.309	1.144	1.91	2.025	4.3	4.4
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/20/81-07/16/97	20	0.006	0.013	0.1	0.	0.	0.022	0.	0.003	0.01	0.029
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/20/81-07/16/97	25	1.3	1.228	1.5	0.9	0.029	0.17	0.96	1.1	1.3	1.44

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: ROMO0335

NPS Station ID: ROMO0335
LAT/LON: 40.304642/-105.661753
Agency: 11NPSWRD
Date Created: 06/30/99
Location: MIDDLE OF LAKE HAIYAHA AT MID-DEPTH
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): ROMO_JB_HAIYALM
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MCHENRYS PEAK CO 7.5' (TOPOGRAPHICAL) SERIES QUADRANGLE. THE SITE IS AT THE MIDDLE OF LAKE HAIYAHA AT MID-DEPTH AND IS LOCATED IN ROCKY MOUNTAIN NATIONAL PARK. DATA WERE COLLECTED FOR THE LOCH VALE WATERSHED STUDY; A LONG TERM MONITORING STUDY FOR THE NATIONAL ATMOSPHERIC DEPOSITION PROGRAM/NATIONAL ACID PRECIPITATION ASSESSMENT PROGRAM (NADP/NAPAP). THE NADP/NAPAP MONITORS WATER QUALITY OF SENSITIVE ENVIRONMENTS FOR CHANGES DUE TO ACID PRECIPITATION. JILL BARON IS THE PROJECT CONTACT FOR THE STUDY AT THE NATURAL RESOURCES ECOLOGY LABORATORY AT COLORADO STATE UNIVERSITY IN FORT COLLINS CO 80525 (TEL. 970-491-1968). FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0335

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/13/82-08/10/83	2	5.5	5.5	7.	4.	4.5	2.121	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/82-08/10/83	3	11.	11.	12.	10.	1.	1.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/10/83-08/10/83	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/10/83-08/10/83	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/10/83-08/10/83	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/10/83-08/10/83	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/02/82-08/10/83	3	6.6	6.497	6.61	6.28	0.035	0.188	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/02/82-08/10/83	3	6.6	6.468	6.61	6.28	0.036	0.191	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/02/82-08/10/83	3	0.251	0.34	0.525	0.245	0.025	0.16	**	**	**	**
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	07/02/82-08/10/83	3	0.03	0.03	0.04	0.02	0.	0.01	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/02/82-09/13/82	2	0.004	0.004	0.004	0.003	0.	0.001	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/02/82-08/10/83	3	0.004	0.004	0.006	0.003	0.	0.002	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/02/82-08/10/83	3	1.1	1.033	1.2	0.8	0.043	0.208	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/02/82-08/10/83	3	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/02/82-08/10/83	3	0.42	0.437	0.5	0.39	0.003	0.057	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/02/82-08/10/83	3	0.15	0.13	0.16	0.08	0.002	0.044	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/02/82-08/10/83	3	0.2	0.173	0.3	0.02	0.02	0.142	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/02/82-08/10/83	3	1.4	1.467	1.7	1.3	0.043	0.208	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/10/83-08/10/83	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: ROMO0335

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/10/83-08/10/83	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/10/83-08/10/83	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/10/83-08/10/83	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/10/83-08/10/83	1	20.	20.	20.	20.	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	08/10/83-08/10/83	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/02/82-08/10/83	3	1.1	1.267	1.6	1.1	0.083	0.289	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0335

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	3	0	0.00	3	0	0.00									
		Other-Lo Lim.	6.5	3	1	0.33	3	1	0.33									
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	2	0	0.00	2	0	0.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	3	0	0.00	3	0	0.00									
		Drinking Water	250.	3	0	0.00	3	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	3	0	0.00	3	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	3	0	0.00	3	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0336

NPS Station ID: ROMO0336 LAT/LON: 40.304642/-105.661753 Agency: 11NPSWRD Date Created: 06/30/99
Location: MIDDLE OF LAKE HAIYAHA AT THE BOTTOM FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): ROMO_JB_HAIYALH
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI RIVER Elevation: 0 Water Body Id:
Minor Basin: SOUTH PLATTE RIVER ECO Region:
RF1 Index: 10190006 RF1 Mile Point: 0.000 Distance from RF1: 12.40 On/Off RF1:
RF3 Index: 10190007002218.40 RF3 Mile Point: 18.39 Distance from RF3: 0.57 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MCHENRYS PEAK CO 7.5' (TOPOGRAPHICAL) SERIES QUADRANGLE. THE SITE IS AT THE MIDDLE OF LAKE HAIYAHA AT THE BOTTOM AND IS LOCATED IN ROCKY MOUNTAIN NATIONAL PARK. DATA WERE COLLECTED FOR THE LOCH VALE WATERSHED STUDY; A LONG TERM MONITORING STUDY FOR THE NATIONAL ATMOSPHERIC DEPOSITION PROGRAM/NATIONAL ACID PRECIPITATION ASSESSMENT PROGRAM (NADP/NAPAP). THE NADP/NAPAP MONITORS WATER QUALITY OF SENSITIVE ENVIRONMENTS FOR CHANGES DUE TO ACID PRECIPITATION. JILL BARON IS THE PROJECT CONTACT FOR THE STUDY AT THE NATURAL RESOURCES ECOLOGY LABORATORY AT COLORADO STATE UNIVERSITY IN FORT COLLINS CO 80525 (TEL. 970-491-1968). FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0336

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/13/82-07/13/88	5	6.	5.64	7.	4.	1.348	1.161	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/82-07/13/88	6	11.	11.667	15.	10.	3.867	1.966	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/10/83-07/13/88	4	11.	11.	12.	10.	0.667	0.816	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/10/83-07/13/88	3	6.8	6.767	6.9	6.6	0.023	0.153	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/10/83-07/13/88	3	6.8	6.748	6.9	6.6	0.024	0.154	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/10/83-07/13/88	3	0.158	0.179	0.251	0.126	0.004	0.065	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/02/82-07/13/88	6	6.6	6.495	6.79	6.1	0.067	0.259	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/02/82-07/13/88	6	6.6	6.426	6.79	6.1	0.073	0.27	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/02/82-07/13/88	6	0.251	0.375	0.794	0.162	0.06	0.245	**	**	**	**
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	07/02/82-07/13/88	6	0.035	0.033	0.04	0.02	0.	0.008	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/02/82-07/13/88	5	0.003	0.004	0.007	0.003	0.	0.002	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/02/82-07/13/88	6	0.003	0.005	0.01	0.003	0.	0.003	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	07/14/87-07/13/88	2	0.95	0.95	1.	0.9	0.005	0.071	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/02/82-07/13/88	6	1.15	1.083	1.2	0.8	0.026	0.16	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/02/82-07/13/88	6	0.2	0.183	0.2	0.1	0.002	0.041	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/02/82-07/13/88	6	0.405	0.407	0.45	0.36	0.001	0.029	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/02/82-07/13/88	6	0.17	0.162	0.23	0.07	0.003	0.054	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/02/82-07/13/88	6	0.095	0.098	0.2	0.02	0.003	0.058	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/02/82-07/13/88	6	1.25	1.3	1.7	1.1	0.044	0.21	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: ROMO0336

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/10/83-07/13/88	4	0.1	0.093	0.1	0.07	0.	0.015	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/10/83-07/13/88	4	1.95	1.9	2.	1.7	0.02	0.141	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/10/83-07/13/88	4	6.5	6.75	8.	6.	0.917	0.957	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/10/83-07/13/88	4	1.	1.125	1.5	1.	0.063	0.25	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/10/83-07/13/88	4	19.	17.5	23.	9.	36.333	6.028	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	08/10/83-07/13/88	4	0.004	0.028	0.1	0.003	0.002	0.048	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/02/82-07/13/88	6	1.2	1.25	1.6	1.1	0.039	0.197	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0336

				Total	Exceed	Prop.	----------6/10-10/31----------			----------11/01-4/10----------			----------4/11-6/09----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00403	PH, LAB	Fresh Chronic	9.	3	0	0.00	3	0	0.00									
		Other-Lo Lim.	6.5	3	0	0.00	3	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	6	0	0.00	6	0	0.00									
		Other-Lo Lim.	6.5	6	2	0.33	6	2	0.33									
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	5	0	0.00	5	0	0.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	6	0	0.00	6	0	0.00									
		Drinking Water	250.	6	0	0.00	6	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	6	0	0.00	6	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	4	0	0.00	4	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	6	0	0.00	6	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0337

NPS Station ID: ROMO0337 LAT/LON: 40.304642/-105.661753 Agency: 11NPSWRD Date Created: 06/30/99
Location: MIDDLE OF LAKE HAIYAHA AT THE SURFACE FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): ROMO_JB_HAIYALS
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI RIVER Elevation: 0 Water Body Id:
Minor Basin: SOUTH PLATTE RIVER ECO Region:
RF1 Index: 10190006 RF1 Mile Point: 0.000 Distance from RF1: 12.40 On/Off RF1:
RF3 Index: 10190007002218.40 RF3 Mile Point: 18.39 Distance from RF3: 0.57 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MCHENRYS PEAK CO 7.5' (TOPOGRAPHICAL) SERIES QUADRANGLE. THE SITE IS AT THE MIDDLE OF LAKE HAIYAHA AT THE SURFACE AND IS LOCATED IN ROCKY MOUNTAIN NATIONAL PARK. DATA WERE COLLECTED FOR THE LOCH VALE WATERSHED STUDY; A LONG TERM MONITORING STUDY FOR THE NATIONAL ATMOSPHERIC DEPOSITION PROGRAM/NATIONAL ACID PRECIPITATION ASSESSMENT PROGRAM (NADP/NAPAP). THE NADP/NAPAP MONITORS WATER QUALITY OF SENSITIVE ENVIRONMENTS FOR CHANGES DUE TO ACID PRECIPITATION. JILL BARON IS THE PROJECT CONTACT FOR THE STUDY AT THE NATURAL RESOURCES ECOLOGY LABORATORY AT COLORADO STATE UNIVERSITY IN FORT COLLINS CO 80525 (TEL. 970-491-1968). FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0337

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/13/82-07/13/88	5	7.5	6.7	8.5	4.	3.575	1.891	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/06/81-07/13/88	17	11.	11.059	13.	9.	1.934	1.391	9.	10.	12.	13.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/10/83-07/13/88	4	11.	11.	12.	10.	0.667	0.816	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/10/83-07/13/88	3	6.9	6.833	6.9	6.7	0.013	0.115	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/10/83-07/13/88	3	6.9	6.823	6.9	6.7	0.014	0.116	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/10/83-07/13/88	3	0.126	0.15	0.2	0.126	0.002	0.043	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/06/81-07/13/88	17	6.41	6.382	6.8	5.7	0.075	0.273	6.02	6.185	6.55	6.752
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/06/81-07/13/88	17	6.41	6.29	6.8	5.7	0.084	0.289	6.02	6.185	6.55	6.752
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/06/81-07/13/88	17	0.389	0.513	1.995	0.158	0.184	0.429	0.177	0.282	0.654	1.035
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	07/06/81-07/13/88	16	0.04	0.039	0.05	0.03	0.	0.006	0.03	0.033	0.04	0.05
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	06/22/82-07/13/88	6	0.003	0.004	0.007	0.003	0.	0.002	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/06/81-07/13/88	17	0.006	0.006	0.02	0.001	0.	0.005	0.001	0.003	0.008	0.012
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	07/14/87-07/13/88	2	1.1	1.1	1.2	1.	0.02	0.141	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/06/81-07/13/88	17	1.2	1.2	2.	0.8	0.059	0.242	0.88	1.2	1.2	1.44
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/06/81-07/13/88	17	0.2	0.194	0.3	0.1	0.002	0.043	0.1	0.2	0.2	0.22
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/06/81-07/13/88	17	0.41	0.411	0.5	0.3	0.002	0.043	0.356	0.39	0.43	0.476
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/06/81-07/13/88	17	0.13	0.136	0.19	0.09	0.001	0.023	0.114	0.12	0.155	0.166
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/06/81-07/13/88	17	0.1	0.148	0.4	0.03	0.009	0.092	0.07	0.1	0.2	0.32
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/06/81-07/13/88	17	1.7	1.612	1.9	1.1	0.069	0.262	1.18	1.35	1.8	1.9

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: ROMO0337

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/10/83-07/13/88	4	0.09	0.087	0.1	0.07	0.	0.013	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/06/81-07/13/88	14	4.2	3.579	4.5	1.7	1.233	1.11	1.8	2.	4.3	4.45
01046	IRON, DISSOLVED (UG/L AS FE)	08/10/83-07/13/88	4	6.5	6.25	8.	4.	2.917	1.708	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/10/83-07/13/88	4	1.	1.	1.	1.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/10/83-07/13/88	4	17.5	20.25	30.	16.	44.25	6.652	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/06/81-07/13/88	14	0.002	0.009	0.1	0.	0.001	0.026	0.	0.	0.004	0.053
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/06/81-07/13/88	17	1.3	1.312	1.6	1.	0.022	0.15	1.08	1.25	1.4	1.52

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0337

				Total	Exceed	Prop.	6/10-10/31			11/01-4/10			4/11-6/09			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00403	PH, LAB	Fresh Chronic	9.	3	0	0.00	3	0	0.00									
		Other-Lo Lim.	6.5	3	0	0.00	3	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	17	0	0.00	17	0	0.00									
		Other-Lo Lim.	6.5	17	11	0.65	17	11	0.65									
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	6	0	0.00	6	0	0.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	17	0	0.00	17	0	0.00									
		Drinking Water	250.	17	0	0.00	17	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	17	0	0.00	17	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	4	0	0.00	4	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	17	0	0.00	17	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 6/10 to 10/31 - Station ROMO0337

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/06/81-07/13/88	17	11.	11.059	13.	9.	1.934	1.391	9.	10.	12.	13.
00406	PH, FIELD, STANDARD UNITS SU	07/06/81-07/13/88	17	6.41	6.382	6.8	5.7	0.075	0.273	6.02	6.185	6.55	6.752
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/06/81-07/13/88	17	6.41	6.29	6.8	5.7	0.084	0.289	6.02	6.185	6.55	6.752
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/06/81-07/13/88	17	0.389	0.513	1.995	0.158	0.184	0.429	0.177	0.282	0.654	1.035
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	07/06/81-07/13/88	16	0.04	0.039	0.05	0.03	0.	0.006	0.03	0.033	0.04	0.05
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/06/81-07/13/88	17	0.006	0.006	0.02	0.001	0.	0.005	0.001	0.003	0.008	0.012
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/06/81-07/13/88	17	1.2	1.2	2.	0.8	0.059	0.242	0.88	1.2	1.2	1.44
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/06/81-07/13/88	17	0.2	0.194	0.3	0.1	0.002	0.043	0.1	0.2	0.2	0.22
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/06/81-07/13/88	17	0.41	0.411	0.5	0.3	0.002	0.043	0.356	0.39	0.43	0.476
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/06/81-07/13/88	17	0.13	0.136	0.19	0.09	0.001	0.023	0.114	0.12	0.155	0.166
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/06/81-07/13/88	17	0.1	0.148	0.4	0.03	0.009	0.092	0.07	0.1	0.2	0.32
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/06/81-07/13/88	17	1.7	1.612	1.9	1.1	0.069	0.262	1.18	1.35	1.8	1.9
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/06/81-07/13/88	14	4.2	3.579	4.5	1.7	1.233	1.11	1.8	2.	4.3	4.45
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/06/81-07/13/88	14	0.002	0.009	0.1	0.	0.001	0.026	0.	0.	0.004	0.053
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/06/81-07/13/88	17	1.3	1.312	1.6	1.	0.022	0.15	1.08	1.25	1.4	1.52

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: ROMO0338

NPS Station ID: ROMO0338
LAT/LON: 40.304726/-105.662504
Agency: 12WLS1
Date Created: 09/03/88
Location: LAKE HAIYAHA
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 4E1-022
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 32
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 10190006042501.69
RF3 Mile Point: 1.69
Distance from RF3: 0.03
On/Off RF3:
Description:
THIS DATA WAS COLLECTED DURING THE WESTERN LAKE SURVEY-PHASE I (WLS-I) AS PART OF EPA'S NATIONAL SURFACE WATER SURVEY, AQUATIC EFFECTS RESEARCH PROGRAM. THE SURVEY DESIGN, METHODS, AND DATA LIMITATIONS ARE DESCRIBED IN:
LANDERS, D.H., ET AL. 1987. CHARACTERISTICS OF LAKES IN THE WESTERN UNITED STATES. VOL. I. POPULATION DESCRIPTIONS AND PHYSICO-CHEMICAL RELATIONSHIPS. EPA/600/4-86/054A. U.S. ENVIRON. PROT. AGENCY, WASHINGTON, D.C. 176 PP.
THE DATA PRESENTED HERE ARE THOSE REPORTED IN LANDERS ET AL. (1987) WITH THE FOLLOWING EXCEPTIONS: (1) UNITS FOR CHEMICAL PARAMETERS ARE TYPICALLY IN MG/L RATHER THAN MICROEQ/L; (2) NO SUBSTITUTED VALUES ARE PROVIDED FOR SUSPECT DATA; (3) TAGS AND FLAGS USED TO IDENTIFY SUSPICIOUS DATA ARE NOT SHOWN; AND (4) CALCULATED OR DERIVED VARIABLES ARE EXCLUDED.

Parameter Inventory for Station: ROMO0338

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/10/85-10/10/85	1	2.6	2.6	2.6	2.6	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/10/85-10/10/85	1	10.3	10.3	10.3	10.3	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	10/10/85-10/10/85	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/10/85-10/10/85	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00154	SULFATE (AS S) WHOLE WATER, MG/L	10/10/85-10/10/85	1	1.103	1.103	1.103	1.103	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	10/10/85-10/10/85	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/10/85-10/10/85	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/10/85-10/10/85	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	10/10/85-10/10/85	1	41.3	41.3	41.3	41.3	0.	0.	**	**	**	**
00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	10/10/85-10/10/85	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/10/85-10/10/85	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	10/10/85-10/10/85	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00910	CALCIUM (MG/L AS CACO3)	10/10/85-10/10/85	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/10/85-10/10/85	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/10/85-10/10/85	1	0.41	0.41	0.41	0.41	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/10/85-10/10/85	1	0.14	0.14	0.14	0.14	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/10/85-10/10/85	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/10/85-10/10/85	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/10/85-10/10/85	1	2.2	2.2	2.2	2.2	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/10/85-10/10/85	1	11.	11.	11.	11.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	10/10/85-10/10/85	1	11.	11.	11.	11.	0.	0.	**	**	**	**
70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	10/10/85-10/10/85	1	0.045	0.045	0.045	0.045	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: ROMO0338

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/10/85-10/10/85	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
71885	IRON (UG/L AS FE)	10/10/85-10/10/85	1	13.	13.	13.	13.	0.	0.	**	**	**	**
72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	10/10/85-10/10/85	1	10226.3	10226.3	10226.3	10226.3	0.	0.	**	**	**	**
82047	DEPTH TO THE TOP OF THE SAMPLING INTERVAL (METERS)	10/10/85-10/10/85	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/10/85-10/10/85	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0338

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00154	SULFATE (AS S) WHOLE WATER	Drinking Water	250.	1	0	0.00	1	0	0.00									
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0339

NPS Station ID: ROMO0339
LAT/LON: 40.305587/-105.616754
Agency: 11NPSWRD
Date Created: 08/21/99
Location: Boulder Brook Main Stem at 2926m
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_JS_BBMS96
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 2926
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the Longs Peak CO 7.5' (topographic) series quadrangle in Rocky Mountain National Park. The station is in the main stem of Boulder Brook at 2926M at the Boulder Brook Trail crossing. The data originated from a University of Colorado dissertation entitled "Isotopic and Chemical Flowpath Separation of Streamflow During Snowmelt and Hydrogeological Controls of Surface-Water Chemistry in Six Alpine-Subalpine Basins; Rocky Mountain National Park; Colorado" 1996 by Julie K. Sueker. Sueker also contributed other data that weren't included in her dissertation. For more information about the data; contact Julie K. Sueker; Exponent Environmental Group; 4940 Pearl East Circle Ste. 300; Boulder CO 80301 (Tel. 970-444-7270). For information on the park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 97 -586-1206). Data were uploaded to STORET by Margaret Matter; NPS-WRD; 1201 Oak Ridge Dr. Ste. 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0339

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/06/93-08/15/95	6	18.5	18.667	20.	17.	1.467	1.211	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	09/06/93-08/15/95	6	7.2	7.217	7.4	7.1	0.014	0.117	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/06/93-08/15/95	6	7.2	7.204	7.4	7.1	0.014	0.118	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/06/93-08/15/95	6	0.063	0.062	0.079	0.04	0.	0.016	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	09/06/93-08/15/95	6	121.65	101.333	143.	-3.1	2815.495	53.061	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/06/93-08/15/95	6	0.15	0.167	0.3	0.1	0.007	0.082	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	09/06/93-08/15/95	6	1.2	1.333	1.8	1.2	0.059	0.242	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/06/93-08/15/95	6	9.6	9.517	9.9	9.1	0.094	0.306	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/15/95-08/15/95	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
46552	CALCIUM,FIELD ACIDIFIED W/HNO3 LAB FILTER(MG/L)	09/06/93-10/09/94	5	1.52	1.518	1.56	1.49	0.001	0.027	**	**	**	**
46554	MAGNESIUM,FIELD ACIDIFIED-HNO3-LAB FILT(MG/L-MG)	09/06/93-10/09/94	5	0.38	0.372	0.38	0.35	0.	0.013	**	**	**	**
46555	POTASSIUM,FIELD ACIDIFIED-HNO3-LAB FILT.(MG/L-K))	09/06/93-10/09/94	5	0.24	0.254	0.31	0.19	0.003	0.054	**	**	**	**
46556	SODIUM, FIELD ACIDIFIED W/HNO3, LAB FILTERED MG/L	09/06/93-10/09/94	5	1.71	1.694	1.74	1.61	0.002	0.049	**	**	**	**
50790	OXYGEN-18, (DELTA UNITS - PARTS PER THOUSAND)	07/20/94-10/09/94	4	-15.12	-15.183	-14.9	-15.59	0.085	0.291	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	08/15/95-08/15/95	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/06/93-08/15/95	6	0.1	0.14	0.3	0.07	0.008	0.092	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0339

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	6	0	0.00	6	0	0.00									
		Other-Lo Lim.	6.5	6	0	0.00	6	0	0.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	6	6	1.00	6	6	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	6	0	0.00	6	0	0.00									
		Drinking Water	250.	6	0	0.00	6	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	6	0	0.00	6	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	6	0	0.00	6	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0340

NPS Station ID: ROMO0340 | LAT/LON: 40.305615/-105.616727 | Agency: 11NPSWRD | Date Created: 07/03/99
Location: BOULDER BROOK AT 9600 FT. | FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): ROMO_NJ_BB4
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006 | Depth of Water: 0 | Aquifer:
Major Basin: MISSOURI RIVER | Elevation: 0 | Water Body Id:
Minor Basin: SOUTH PLATTE RIVER | ECO Region:
RF1 Index: 10190006 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE LONGS PEAK CO. 7.5' (TOPOGRAPHICAL) SERIES QUADRANGLE. THE SITE IS AT BOULDER BROOK AT 9600 FEET ELEVATION AND IS LOCATED IN ROCKY MOUNTAIN NATIONAL PARK. THE DATA WERE COLLECTED BY NANCY JACOBSON TO CONTINUE THE BASELINE WATER QUALITY MONITORING PROGRAMS FOR THE BIG THOMPSON AND FALL RIVERS; AND TO ASSESS PRESENT HUMAN IMPACTS TO BIOLOGICAL PARAMETERS OF WATER QUALITY IN BOULDER BROOK. ONLY TEMPERATURE AND BACTERIOLOGICAL RESULTS WERE AVAILABLE AT THE TIME OF REPORT WRITING. FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0340

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/03/81-08/24/82	13	6.	6.385	8.5	3.	2.048	1.431	3.8	6.	7.5	8.3
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/03/81-08/24/82	13	18.	23.923	63.	1.	397.744	19.944	1.	8.5	42.5	58.6
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/03/81-08/24/82	13	1.255	1.141	1.799	0.	0.345	0.588	0.	0.889	1.628	1.766
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			13.837								
61214	FECAL STREPTOCOCCI, GENERAL #/100ML	08/03/81-08/16/82	11	49.	171.	1250.	2.	130256.4	360.911	10.4	44.	105.	1036.8
61215	FECAL COLIFORM, GENERAL #/100ML	08/03/81-08/24/82	12	1.	2.833	8.	0.	8.879	2.98	0.	1.	5.5	8.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0340

				Total	Exceed	Prop.	6/10-10/31			11/01-4/10			4/11-6/09			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	13	0	0.00	11	0	0.00				2	0	0.00			
61215	FECAL COLIFORM, GENERAL #/100ML	Other-Hi	Lim.	200.			12	0		0.00	1	0		0	0	.00		

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0341

NPS Station ID: ROMO0341
LAT/LON: 40.305838/-105.662227
Agency: 112WRD
Date Created: 01/07/89
Location: HAIYAHA O
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 401821105394402
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 10.40
On/Off RF1:
RF3 Index: 10190006045300.54
RF3 Mile Point: 0.54
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0341

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	07/14/86-07/14/86	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/14/86-07/14/86	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/14/86-09/12/91	4	6.695	6.538	6.73	6.03	0.115	0.339	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/14/86-09/12/91	4	6.695	6.419	6.73	6.03	0.134	0.365	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/14/86-09/12/91	4	0.202	0.381	0.933	0.186	0.136	0.368	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	07/14/86-09/12/91	5	0.005	0.007	0.021	0.001	0.	0.008	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/14/86-09/12/91	5	0.003	0.003	0.005	0.001	0.	0.002	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	07/14/86-09/12/91	5	0.29	0.288	0.33	0.23	0.001	0.036	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/14/86-09/12/91	5	0.3	0.28	0.3	0.2	0.002	0.045	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/14/86-09/12/91	5 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/14/86-09/12/91	5	0.09	0.114	0.2	0.09	0.002	0.048	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/14/86-09/12/91	5	1.	1.	1.	1.	0.	0.	**	**	**	**
71825	ACIDITY, TOTAL (MG/L AS H)	07/14/86-09/12/91	5	0.03	0.062	0.2	0.02	0.006	0.078	**	**	**	**
71870	BROMIDE (MG/L AS BR)	07/14/86-09/12/91	5 ##	0.005	0.006	0.01	0.005	0.	0.002	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0341

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	4	0	0.00	4	0	0.00									
		Other-Lo Lim.	6.5	4	1	0.25	4	1	0.25									
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	5	0	0.00	5	0	0.00									
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	5	0	0.00	5	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	5	0	0.00	5	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	5	0	0.00	5	0	0.00									
		Drinking Water	250.	5	0	0.00	5	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	5	0	0.00	5	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0342

NPS Station ID: ROMO0342
LAT/LON: 40.305838/-105.662227
Agency: 112WRD
Date Created: 01/07/89
Location: HAIYAHA H
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 401821105394401
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 10.40
On/Off RF1:
RF3 Index: 10190006045300.54
RF3 Mile Point: 0.54
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0342

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	07/14/87-07/13/88	2 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/14/87-07/13/88	2 ##	0.001	0.001	0.002	0.001	0.	0.001	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	07/14/87-07/13/88	2	0.295	0.295	0.3	0.29	0.	0.007	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/14/87-07/13/88	2	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/14/87-07/13/88	2 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/14/87-07/13/88	2	0.145	0.145	0.2	0.09	0.006	0.078	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/14/87-07/13/88	2	1.	1.	1.	1.	0.	0.	**	**	**	**
71825	ACIDITY, TOTAL (MG/L AS H)	07/14/87-07/13/88	2	0.015	0.015	0.02	0.01	0.	0.007	**	**	**	**
71870	BROMIDE (MG/L AS BR)	07/14/87-07/13/88	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
72015	DEPTH TO TOP OF SAMPLE INTERVAL (FT BELOW LSD)	07/14/87-07/14/87	1	8.5	8.5	8.5	8.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0342

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	2	0	0.00	2	0	0.00									
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	2	0	0.00	2	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	2	0	0.00	2	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00	2	0	0.00									
		Drinking Water	250.	2	0	0.00	2	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	2	0	0.00	2	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0343

NPS Station ID: ROMO0343
LAT/LON: 40.305838/-105.662227
Agency: 112WRD
Date Created: 01/07/89
Location: HAIYAHA S
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 401821105394400
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 4.30
On/Off RF1:
RF3 Index: 10190006045400.56
RF3 Mile Point: 0.56
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0343

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00080	COLOR (PLATINUM-COBALT UNITS)	07/14/86-07/14/86	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/14/86-07/14/86	1	6.05	6.05	6.05	6.05	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/14/86-07/14/86	1	6.05	6.05	6.05	6.05	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/14/86-07/14/86	1	0.891	0.891	0.891	0.891	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	07/14/86-07/13/88	3 ##	0.001	0.002	0.005	0.001	0.	0.002	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/14/86-07/13/88	3	0.001	0.001	0.002	0.001	0.	0.001	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	07/14/86-07/13/88	3	0.28	0.273	0.31	0.23	0.002	0.04	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/14/86-07/13/88	3	0.3	0.267	0.3	0.2	0.003	0.058	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/14/86-07/13/88	3 ##	0.001	0.001	0.002	0.001	0.	0.001	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/14/86-07/13/88	3	0.1	0.133	0.2	0.1	0.003	0.058	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/14/86-07/13/88	3	1.	1.	1.	1.	0.	0.	**	**	**	**
71825	ACIDITY, TOTAL (MG/L AS H)	07/14/86-07/13/88	3	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
71870	BROMIDE (MG/L AS BR)	07/14/86-07/13/88	3 ##	0.005	0.007	0.01	0.005	0.	0.003	**	**	**	**
72015	DEPTH TO TOP OF SAMPLE INTERVAL (FT BELOW LSD)	07/14/86-07/14/87	2	1.05	1.05	1.6	0.5	0.605	0.778	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0343

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	3	0	0.00	3	0	0.00									
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	3	0	0.00	3	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	3	0	0.00	3	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	3	0	0.00	3	0	0.00									
		Drinking Water	250.	3	0	0.00	3	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	3	0	0.00	3	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0344

NPS Station ID: ROMO0344 | LAT/LON: 40.306948/-105.734449 | Agency: 12WLS1 | Date Created: 09/03/88
Location: SNOWDRIFT LAKE | FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): 4E1-058
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14010001 | Depth of Water: 19 | Aquifer:
Major Basin: | Elevation: 0 | Water Body Id:
Minor Basin: | ECO Region:
RF1 Index: 14010001 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 14010001013803.10 | RF3 Mile Point: 3.09 | Distance from RF3: 0.03 | On/Off RF3:
Description:
THIS DATA WAS COLLECTED DURING THE WESTERN LAKE SURVEY-PHASE I (WLS-I) AS PART OF EPA'S NATIONAL SURFACE WATER SURVEY, AQUATIC EFFECTS RESEARCH PROGRAM. THE SURVEY DESIGN, METHODS, AND DATA LIMITATIONS ARE DESCRIBED IN:
LANDERS, D.H., ET AL. 1987. CHARACTERISTICS OF LAKES IN THE WESTERN UNITED STATES. VOL. I. POPULATION DESCRIPTIONS AND PHYSICO-CHEMICAL RELATIONSHIPS. EPA/600/4-86/054A. U.S. ENVIRON. PROT. AGENCY, WASHINGTON, D.C. 176 PP.
THE DATA PRESENTED HERE ARE THOSE REPORTED IN LANDERS ET AL. (1987) WITH THE FOLLOWING EXCEPTIONS: (1) UNITS FOR CHEMICAL PARAMETERS ARE TYPICALLY IN MG/L RATHER THAN MICROEQ/L; (2) NO SUBSTITUTED VALUES ARE PROVIDED FOR SUSPECT DATA; (3) TAGS AND FLAGS USED TO IDENTIFY SUSPICIOUS DATA ARE NOT SHOWN; AND (4) CALCULATED OR DERIVED VARIABLES ARE EXCLUDED.

Parameter Inventory for Station: ROMO0344

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/85-10/04/85	1	2.6	2.6	2.6	2.6	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/04/85-10/04/85	1	5.7	5.7	5.7	5.7	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	10/04/85-10/04/85	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/04/85-10/04/85	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00154	SULFATE (AS S) WHOLE WATER, MG/L	10/04/85-10/04/85	1	0.671	0.671	0.671	0.671	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	10/04/85-10/04/85	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/04/85-10/04/85	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/04/85-10/04/85	1	0.251	0.251	0.251	0.251	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	10/04/85-10/04/85	1	41.6	41.6	41.6	41.6	0.	0.	**	**	**	**
00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	10/04/85-10/04/85	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/04/85-10/04/85	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	10/04/85-10/04/85	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00910	CALCIUM (MG/L AS CACO3)	10/04/85-10/04/85	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/04/85-10/04/85	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/04/85-10/04/85	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/04/85-10/04/85	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/04/85-10/04/85	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/04/85-10/04/85	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/04/85-10/04/85	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/04/85-10/04/85	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	10/04/85-10/04/85	1	16.	16.	16.	16.	0.	0.	**	**	**	**
70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	10/04/85-10/04/85	1	0.026	0.026	0.026	0.026	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: ROMO0344

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/04/85-10/04/85	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
71885	IRON (UG/L AS FE)	10/04/85-10/04/85	1	1.	1.	1.	1.	0.	0.	**	**	**	**
72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	10/04/85-10/04/85	1	11066.8	11066.8	11066.8	11066.8	0.	0.	**	**	**	**
82047	DEPTH TO THE TOP OF THE SAMPLING INTERVAL (METERS)	10/04/85-10/04/85	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/04/85-10/04/85	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0344

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00154	SULFATE (AS S) WHOLE WATER	Drinking Water	250.	1	0	0.00	1	0	0.00									
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0345

NPS Station ID: ROMO0345 LAT/LON: 40.306948/-105.840838 Agency: 11EPALES Date Created: / /
Location: UNNAMED CREEK FIPS State/County: 08000 COLORADO/
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 0813F1
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 14010001 Depth of Water: 0 Aquifer:
Major Basin: T/SHADOW MOUNTAIN LAKE Elevation: 0 Water Body Id:
Minor Basin: TRAIL RDG RD XING NEAR GREEN MTN RANCH ECO Region:
RF1 Index: 14010001049 RF1 Mile Point: 7.760 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 14010001014000.00 RF3 Mile Point: 6.93 Distance from RF3: 0.01 On/Off RF3:
Description:
AT TRAIL RIDGE ROAD CROSSING NEAR GREEN MTN RANCH AND JCT WITH GREEN MTN TRAIL SEC 18 T4N R75W

Parameter Inventory for Station: ROMO0345

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/28/74-08/23/75	7	0.02	0.023	0.075	0.003	0.001	0.025	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/28/74-09/28/74	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/28/74-09/28/74	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/28/74-08/23/75	7	0.3	0.414	1.25	0.15	0.146	0.383	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/28/74-08/23/75	7	0.01	0.038	0.2	0.005	0.005	0.072	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/28/74-08/23/75	7	0.02	0.019	0.05	0.005	0.	0.015	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/28/74-08/23/75	7 ##	0.003	0.008	0.036	0.003	0.	0.012	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0345

				Total	Exceed	Prop.	6/10-10/31			11/01-4/10			4/11-6/09			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	7	0	0.00	6	0	0.00				1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0346

NPS Station ID: ROMO0346 | LAT/LON: 40.307059/-105.537615 | Agency: 11NPSWRD | Date Created: 06/12/99
Location: LILY LAKE EAST | FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /RESERV/TYPA/AMBNT | STORET Station ID(s): ROMO_NPS_LILE
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006 | Depth of Water: 0 | Aquifer:
Major Basin: MISSOURI RIVER | Elevation: 0 | Water Body Id:
Minor Basin: SOUTH PLATTE RIVER | ECO Region:
RF1 Index: 10190006 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE LONGS PEAK CO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT THE EAST END OF A LAKE NEAR ASPEN BROOK AND IS INSIDE OF ROCKY MOUNTAIN NATIONAL PARK. THE USFWS IS STUDYING THE EFFECT OF INTENSE RECREATIONAL FISHING ON THE FEDERALLY ENDANGERED GREENBACK CUTTHROAT TROUT AT LILY LAKE; BUT THE LAKE IS TOO SHALLOW TO MAINTAIN SUFFICIENTLY HIGH OXYGEN CONCENTRATIONS OVER THE WINTER NECESSITATING ARTIFICIAL AERATION DURING THE WINTER. STAFF OF THE NATIONAL PARK SERVICE RESOURCES MANAGEMENT DIVISION MONITOR WINTERTIME DISSOLVED OXYGEN LEVELS IN LILY LAKE; AND THE DATA ARE FROM A 1992 REPORT SUMMARIZING MONITORING RESULTS. FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0346

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00300 OXYGEN, DISSOLVED MG/L	01/16/92-02/03/92	3	1.	1.	1.	1.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0346

			Total	Exceed	Prop.	6/10-10/31			11/01-4/10			4/11-6/09			n/a		
Parameter	Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	3	3	1.00				3	3	1.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0347

NPS Station ID: ROMO0347
LAT/LON: 40.307227/-105.537503
Agency: 112WRD
Date Created: 01/07/89
Location: LILY LAKE
FIPS State/County: 08013 COLORADO/BOULDER
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 401826105321500
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC:
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 3.20
On/Off RF1:
RF3 Index: 10190006001308.65
RF3 Mile Point: 8.65
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0347

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/21/87-07/21/87	2	2.	2.	2.	2.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/21/87-07/21/87	1	17.2	17.2	17.2	17.2	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/21/87-07/21/87	2	13.	13.	13.	13.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/21/87-07/21/87	2	107.	107.	107.	107.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/21/87-07/21/87	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/21/87-07/21/87	1	8.83	8.83	8.83	8.83	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/21/87-07/21/87	1	8.83	8.83	8.83	8.83	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/21/87-07/21/87	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/21/87-07/21/87	2	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/21/87-07/21/87	2	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/21/87-07/21/87	2	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/21/87-07/21/87	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/21/87-07/21/87	2	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/21/87-07/21/87	2	2.4	2.4	2.4	2.4	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/21/87-07/21/87	2	8.7	8.7	8.7	8.7	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/21/87-07/21/87	2	0.34	0.34	0.34	0.34	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/21/87-07/21/87	2	17.	17.	17.	17.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/21/87-07/21/87	2	12.	12.	12.	12.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/21/87-07/21/87	2	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/21/87-07/21/87	2	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/21/87-07/21/87	2	380.	380.	380.	380.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/21/87-07/21/87	2	3.	3.	3.	3.	0.	0.	**	**	**	**
71870	BROMIDE (MG/L AS BR)	07/21/87-07/21/87	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0347

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00	1	0	0.00									
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00403	PH, LAB	Fresh Chronic	9.	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	0	0.00	2	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: ROMO0347

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	2	0	0.00	2	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00	2	0	0.00									
		Drinking Water	250.	2	0	0.00	2	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	2	0	0.00	2	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	2	0	0.00	2	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0348

NPS Station ID: ROMO0348
LAT/LON: 40.307642/-105.540005
Agency: 11NPSWRD
Date Created: 06/12/99
Location: LILY LAKE AT ROCK NEAR OUTLET
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): ROMO_JR_CAP16
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE LONGS PEAK CO 7.5' SERIES (TOPO.) QUADRANGLE. THE SITE IS LOCATED AT LILY LAKE AT THE ROCK BETWEEN THE OUTLET AND THE PARKING LOT AND IS WITHIN ROCKY MOUNTAIN NATIONAL PARK. THE DATA ARE FROM ANNUAL CAPSHELL SNAIL MONITORING PROGRAM REPORTS BY JOHN RIEBESELL OF THE DEPARTMENT OF NATURAL RESOURCES AT THE UNIVERSITY OF MICHIGAN IN DEARBORN MI. TTHE REPORTS SUMMARIZED POPULATION DATA AND WATER QUALITY CHARACTERISTICS OF THE HABITAT OF CAPSHELL SNAILS; A CANDIDATE FOR LISTING UNDER THE FEDERAL ENDANGERED SPECIES ACT. FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0348

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/11/97-07/11/97	1	190.	190.	190.	190.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: ROMO0349

NPS Station ID: ROMO0349
LAT/LON: 40.307920/-105.647059
Agency: 11NPSWRD
Date Created: 08/28/99
Location: Tyndall Creek below Confluence with Chaos Creek
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_SM_TCBCC
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the McHenrys Peak CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0349

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	2	12.	12.	12.	12.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	2	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/31/81-07/31/81	2	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	2	0.251	0.251	0.251	0.251	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	2	62.	62.	62.	62.	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	2	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	2	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	2	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	2	0.42	0.42	0.42	0.42	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	2	0.13	0.13	0.13	0.13	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	2	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	2	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	2	4.2	4.2	4.2	4.2	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	2	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0349

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	0	0.00	2	0	0.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	2	2	1.00	2	2	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	2	0	0.00	2	0	0.00									
		Drinking Water	250.	2	0	0.00	2	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	2	0	0.00	2	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	2	0	0.00	2	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0350

NPS Station ID: ROMO0350
LAT/LON: 40.308503/-105.542449
Agency: 11NPSWRD
Date Created: 06/12/99
Location: LILY LAKE WEST
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /RESERV/TYPA/AMBNT
STORET Station ID(s): ROMO_NPS_LILW
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE LONGS PEAK CO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT THE WEST END OF A LAKE NEAR ASPEN BROOK AND IS INSIDE OF ROCKY MOUNTAIN NATIONAL PARK. THE USFWS IS STUDYING THE EFFECT OF INTENSE RECREATIONAL FISHING ON THE FEDERALLY ENDANGERED GREENBACK CUTTHROAT TROUT AT LILY LAKE; BUT THE LAKE IS TOO SHALLOW TO MAINTAIN SUFFICIENTLY HIGH OXYGEN CONCENTRATIONS OVER THE WINTER NECESSITATING ARTIFICIAL AERATION DURING THE WINTER. STAFF OF THE NATIONAL PARK SERVICE RESOURCES MANAGEMENT DIVISION MONITOR WINTERTIME DISSOLVED OXYGEN LEVELS IN LILY LAKE; AND THE DATA ARE FROM A 1992 REPORT SUMMARIZING MONITORING RESULTS. FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0350

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00300 OXYGEN, DISSOLVED MG/L	01/16/92-03/11/92	11	3.	3.3	6.	1.5	2.03	1.425	1.6	2.	5.	5.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0350

			Total	Exceed	Prop.	6/10-10/31			11/01-4/10			4/11-6/09			n/a		
Parameter	Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300 OXYGEN, DISSOLVED	Other-Lo Lim.	4.	10 &	7	0.70				10	7	0.70						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0351

NPS Station ID: ROMO0351
LAT/LON: 40.308893/-105.810282
Agency: 112WRD
Date Created: 11/18/75
Location: POND IN BIG MEADOWS
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 401832105483700
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14010001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14010001
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 14010001004900.63
RF3 Mile Point: 8.24
Distance from RF3: 0.03
On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0351

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/20/74-08/20/74	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/20/74-08/20/74	1	26.	26.	26.	26.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/20/74-08/20/74	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/20/74-08/20/74	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/20/74-08/20/74	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/20/74-08/20/74	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/20/74-08/20/74	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/20/74-08/20/74	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/20/74-08/20/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/20/74-08/20/74	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/20/74-08/20/74	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/20/74-08/20/74	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/20/74-08/20/74	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	08/20/74-08/20/74	1	66.	66.	66.	66.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/20/74-08/20/74	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/20/74-08/20/74	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/20/74-08/20/74	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/20/74-08/20/74	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/20/74-08/20/74	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/20/74-08/20/74	1	4800.	4800.	4800.	4800.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/20/74-08/20/74	1	5600.	5600.	5600.	5600.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/20/74-08/20/74	1	38.	38.	38.	38.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/20/74-08/20/74	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0351

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0352

NPS Station ID: ROMO0352
LAT/LON: 40.308976/-105.660643
Agency: 11NPSWRD
Date Created: 08/28/99
Location: Tyndall Creek Dream Lake Inlet
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_SM_TCDLI
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the McHenrys Peak CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0352

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	1	27.	27.	27.	27.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/31/81-07/31/81	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.316	0.316	0.316	0.316	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	1	5.81	5.81	5.81	5.81	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/31/81-07/31/81	1	5.81	5.81	5.81	5.81	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	1.549	1.549	1.549	1.549	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	1	39.	39.	39.	39.	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	1	0.35	0.35	0.35	0.35	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	1	0.14	0.14	0.14	0.14	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	1	3.2	3.2	3.2	3.2	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0352

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0353

NPS Station ID: ROMO0353
LAT/LON: 40.309115/-105.669142
Agency: 11NPSWRD
Date Created: 06/30/99
Location: INLET STREAM TO EMERALD LAKE
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_JB_EMERI
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MCHENRYS PEAK CO 7.5' (TOPOGRAPHICAL) SERIES QUADRANGLE. THE SITE IS AT THE INLET STREAM TO EMERALD LAKE AND IS LOCATED IN ROCKY MOUNTAIN NATIONAL PARK. DATA WERE COLLECTED FOR THE LOCH VALE WATERSHED STUDY; A LONG TERM MONITORING STUDY FOR THE NATIONAL ATMOSPHERIC DEPOSITION PROGRAM/NATIONAL ACID PRECIPITATION ASSESSMENT PROGRAM (NADP/NAPAP). THE NADP/NAPAP MONITORS WATER QUALITY OF SENSITIVE ENVIRONMENTS FOR CHANGES DUE TO ACID PRECIPITATION. JILL BARON IS THE PROJECT CONTACT FOR THE STUDY AT THE NATURAL RESOURCES ECOLOGY LABORATORY AT COLORADO STATE UNIVERSITY IN FORT COLLINS CO 8052 (TEL. 970-491-1968). FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0353

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/13/82-08/10/83	2	4.9	4.9	7.	2.8	8.82	2.97	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/20/81-08/17/90	19	9.	9.316	12.	6.	2.673	1.635	8.	8.	10.	12.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/10/83-09/28/93	7	9.	8.571	10.	6.	1.952	1.397	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/10/83-09/28/93	8	6.4	6.4	6.6	6.2	0.02	0.141	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/10/83-09/28/93	8	6.4	6.381	6.6	6.2	0.02	0.143	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/10/83-09/28/93	8	0.398	0.416	0.631	0.251	0.017	0.129	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/20/81-09/28/93	22	6.225	6.152	6.7	5.5	0.116	0.34	5.582	5.875	6.39	6.573
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/20/81-09/28/93	22	6.224	6.017	6.7	5.5	0.135	0.367	5.582	5.875	6.39	6.573
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/20/81-09/28/93	22	0.597	0.962	3.162	0.2	0.713	0.845	0.269	0.407	1.34	2.62
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	07/20/81-09/28/93	22	0.02	0.02	0.04	0.01	0.	0.007	0.01	0.02	0.02	0.03
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/13/82-09/12/91	6	0.003	0.004	0.007	0.003	0.	0.002	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/20/81-09/12/91	19	0.01	0.013	0.02	0.	0.	0.007	0.006	0.008	0.02	0.02
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	07/14/87-09/28/93	6	0.55	0.567	1.	0.2	0.091	0.301	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/20/81-09/28/93	22	0.9	0.891	1.4	0.5	0.047	0.216	0.63	0.7	1.025	1.17
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/20/81-09/28/93	22	0.15	0.15	0.2	0.09	0.003	0.052	0.1	0.1	0.2	0.2
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/20/81-09/28/93	22	0.31	0.338	0.8	0.2	0.014	0.118	0.243	0.268	0.365	0.421
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/20/81-09/28/93	22	0.1	0.111	0.34	0.07	0.003	0.054	0.08	0.09	0.11	0.144
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/20/81-09/28/93	22	0.1	0.103	0.3	0.005	0.003	0.054	0.07	0.08	0.1	0.17
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/20/81-09/28/93	22	1.3	1.314	1.8	0.8	0.049	0.221	1.1	1.175	1.5	1.57

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: ROMO0353

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/10/83-09/28/93	8	0.08	0.074	0.1	0.04	0.	0.02	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/20/81-09/28/93	20	3.1	2.705	4.	1.	1.085	1.041	1.4	1.525	3.65	3.89
01046	IRON, DISSOLVED (UG/L AS FE)	08/10/83-09/12/91	6	7.	7.333	15.	3.	18.267	4.274	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/10/83-09/12/91	6	1.	1.083	1.5	1.	0.042	0.204	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/10/83-09/28/93	8	18.	18.25	30.	7.	59.929	7.741	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/20/81-09/28/93	19	0.002	0.007	0.09	0.	0.	0.02	0.	0.	0.004	0.008
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/20/81-09/28/93	22	1.6	2.227	5.	0.8	2.451	1.565	0.96	1.2	2.75	5.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0353

				Total	Exceed	Prop.	6/10-10/31			11/01-4/10			4/11-6/09			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00403	PH, LAB	Fresh Chronic	9.	8	0	0.00	8	0	0.00									
		Other-Lo Lim.	6.5	8	6	0.75	8	6	0.75									
00406	PH, FIELD	Fresh Chronic	9.	22	0	0.00	22	0	0.00									
		Other-Lo Lim.	6.5	22	19	0.86	22	19	0.86									
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	6	0	0.00	6	0	0.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	22	0	0.00	22	0	0.00									
		Drinking Water	250.	22	0	0.00	22	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	22	0	0.00	22	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	8	0	0.00	8	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	22	0	0.00	22	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 6/10 to 10/31 - Station ROMO0353

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/20/81-08/17/90	19	9.	9.316	12.	6.	2.673	1.635	8.	8.	10.	12.
00406	PH, FIELD, STANDARD UNITS SU	07/20/81-09/28/93	22	6.225	6.152	6.7	5.5	0.116	0.34	5.582	5.875	6.39	6.573
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/20/81-09/28/93	22	6.224	6.017	6.7	5.5	0.135	0.367	5.582	5.875	6.39	6.573
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/20/81-09/28/93	22	0.597	0.962	3.162	0.2	0.713	0.845	0.269	0.407	1.34	2.62
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	07/20/81-09/28/93	22	0.02	0.02	0.04	0.01	0.	0.007	0.01	0.02	0.02	0.03
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/20/81-09/12/91	19	0.01	0.013	0.02	0.	0.	0.007	0.006	0.008	0.02	0.02
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/20/81-09/28/93	22	0.9	0.891	1.4	0.5	0.047	0.216	0.63	0.7	1.025	1.17
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/20/81-09/28/93	22	0.15	0.15	0.2	0.09	0.003	0.052	0.1	0.1	0.2	0.2
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/20/81-09/28/93	22	0.31	0.338	0.8	0.2	0.014	0.118	0.243	0.268	0.365	0.421
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/20/81-09/28/93	22	0.1	0.111	0.34	0.07	0.003	0.054	0.08	0.09	0.11	0.144
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/20/81-09/28/93	22	0.1	0.103	0.3	0.005	0.003	0.054	0.07	0.08	0.1	0.17
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/20/81-09/28/93	22	1.3	1.314	1.8	0.8	0.049	0.221	1.1	1.175	1.5	1.57
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/20/81-09/28/93	20	3.1	2.705	4.	1.	1.085	1.041	1.4	1.525	3.65	3.89
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/20/81-09/28/93	19	0.002	0.007	0.09	0.	0.	0.02	0.	0.	0.004	0.008
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/20/81-09/28/93	22	1.6	2.227	5.	0.8	2.451	1.565	0.96	1.2	2.75	5.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: ROMO0354

NPS Station ID: ROMO0354
LAT/LON: 40.309115/-105.669142
Agency: 11NPSWRD
Date Created: 08/28/99
Location: Tyndall Creek Emerald Lake Inlet
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_SM_TCELI
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the McHenrys Peak CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0354

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	2	8.	8.	8.	8.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	2	27.	27.	27.	27.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	2	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/31/81-07/31/81	2	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	2	0.398	0.398	0.398	0.398	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	2	5.66	5.66	5.66	5.66	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/31/81-07/31/81	2	5.66	5.66	5.66	5.66	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	2	2.188	2.188	2.188	2.188	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	2	26.5	26.5	29.	24.	12.5	3.536	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	2	0.008	0.008	0.009	0.006	0.	0.002	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	2	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	2	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	2	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	2	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	2	2.85	2.85	2.9	2.8	0.005	0.071	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	2	0.25	0.25	0.4	0.1	0.045	0.212	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0354

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	2	1.00	2	2	1.00									
00406	PH, FIELD	Fresh Chronic	9.	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	2	1.00	2	2	1.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	2	2	1.00	2	2	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	2	0	0.00	2	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0355

NPS Station ID: ROMO0355 | LAT/LON: 40.309392/-105.638310 | Agency: 11NPSWRD | Date Created: 06/18/99
Location: 105411/C04080 | FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): ROMO_NURE_194 /1073825 /1118303
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006 | Depth of Water: 0 | Aquifer:
Major Basin: MISSOURI RIVER | Elevation: 0 | Water Body Id:
Minor Basin: SOUTH PLATTE RIVER | ECO Region:
RF1 Index: 10190006 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MCHENRYS PEAK CO 7.5' SERIES (TOPO.) QUAD. THE SITE IS AT A STREAM WITHIN ROCKY MOUNTAIN NATIONAL PARK (ROMO). EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN ONE WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE U.S. GEOLOGICAL SURVEY "NATIONAL GEOCHEMICAL DATA BASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND KIM BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. "UNIQID" ENTRIES WERE USED TO CREATE THE SECONDARY STATION NAMES. "LASLID" ENTRIES WERE USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LABORATORY. FOR MORE INFORMATION ABOUT THE PARK CONTACT NATURAL RESOURCES AT ROMO; ESTES PARK; CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AT NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS; CO 80525 (TEL. 970-225-3556).

Parameter Inventory for Station: ROMO0355

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/23/76-09/23/76	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/23/76-09/23/76	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/23/76-09/23/76	1	6.3	6.3	6.3	6.3	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/23/76-09/23/76	1	6.3	6.3	6.3	6.3	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/23/76-09/23/76	1	0.501	0.501	0.501	0.501	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/23/76-09/23/76	1	0.92	0.92	0.92	0.92	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0355

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0356

NPS Station ID: ROMO0356 | LAT/LON: 40.309420/-105.658227 | Agency: 11NPSWRD | Date Created: 06/12/99
Location: DREAM LAKE NEAR OUTLET | FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): ROMO_JR_CAP06
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006 | Depth of Water: 0 | Aquifer:
Major Basin: MISSOURI RIVER | Elevation: 0 | Water Body Id:
Minor Basin: SOUTH PLATTE RIVER | ECO Region:
RF1 Index: 10190006 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MCHENRYS PEAK CO 7.5' SERIES (TOPO.) QUADRANGLE. THE SITE IS LOCATED AT DREAM LAKE NEAR THE OUTLET ALONG THE EMERALD LAKE TRAIL AND IS WITHIN ROCKY MOUNTAIN NATIONAL PARK. THE DATA ARE FROM ANNUAL CAPSHELL SNAIL MONITORING PROGRAM REPORTS BY BY JOHN RIEBESELL OF THE DEPARTMENT OF NATURAL RESOURCES AT THE UNIVERSITY OF MICHIGAN IN DEARBORN MI. TTHE REPORTS SUMMARIZED POPULATION DATA AND WATER QUALITY CHARACTERISTICS OF THE HABITAT OF CAPSHELL SNAILS; A CANDIDATE FOR LISTING UNDER THE FEDERAL ENDANGERED SPECIES ACT. FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0356

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094 SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/11/97-07/11/97	1	10.	10.	10.	10.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: ROMO0357

NPS Station ID: ROMO0357
LAT/LON: 40.309531/-105.666365
Agency: 11NPSWRD
Date Created: 08/28/99
Location: Tyndall Creek Emerald Lake Outlet
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_SM_TCELO
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the McHenrys Peak CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0357

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	1	23.	23.	23.	23.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/31/81-07/31/81	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.251	0.251	0.251	0.251	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	1	5.61	5.61	5.61	5.61	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/31/81-07/31/81	1	5.61	5.61	5.61	5.61	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	2.455	2.455	2.455	2.455	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	1	31.	31.	31.	31.	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	1	0.37	0.37	0.37	0.37	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	1	0.17	0.17	0.17	0.17	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	1	3.1	3.1	3.1	3.1	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0357

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0358

NPS Station ID: ROMO0358
LAT/LON: 40.309531/-105.666392
Agency: 11NPSWRD
Date Created: 06/30/99
Location: OUTLET STREAM FROM EMERALD LAKE
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_JB_EMERO
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MCHENRYS PEAK CO 7.5' (TOPOGRAPHICAL) SERIES QUADRANGLE. THE SITE IS AT THE OUTLET STREAM FROM EMERALD LAKE AND IS LOCATED IN ROCKY MOUNTAIN NATIONAL PARK. DATA WERE COLLECTED FOR THE LOCH VALE WATERSHED STUDY; A LONG TERM MONITORING STUDY FOR THE NATIONAL ATMOSPHERIC DEPOSITION PROGRAM/NATIONAL ACID PRECIPITATION ASSESSMENT PROGRAM (NADP/NAPAP). THE NADP/NAPAP MONITORS WATER QUALITY OF SENSITIVE ENVIRONMENTS FOR CHANGES DUE TO ACID PRECIPITATION. JILL BARON IS THE PROJECT CONTACT FOR THE STUDY AT THE NATURAL RESOURCES ECOLOGY LABORATORY AT COLORADO STATE UNIVERSITY IN FORT COLLINS CO 80525 (TEL. 970-491-1968). FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0358

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/01/82-07/16/97	7	8.5	7.629	10.	4.8	5.189	2.278	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/03/81-07/16/97	19	10.	10.263	14.	7.	2.316	1.522	9.	9.	11.	13.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/10/83-07/16/97	9	9.	9.111	10.	7.	1.111	1.054	7.	8.5	10.	10.
00403	PH, LAB, STANDARD UNITS SU	08/10/83-07/16/97	9	6.6	6.522	6.7	5.9	0.064	0.254	5.9	6.45	6.7	6.7
00403	CONVERTED PH, LAB, STANDARD UNITS	08/10/83-07/16/97	9	6.6	6.432	6.7	5.9	0.074	0.271	5.9	6.45	6.7	6.7
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/10/83-07/16/97	9	0.251	0.369	1.259	0.2	0.115	0.34	0.2	0.2	0.357	1.259
00406	PH, FIELD, STANDARD UNITS SU	08/03/81-07/16/97	21	6.43	6.322	6.7	5.7	0.101	0.318	5.716	6.095	6.59	6.618
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/03/81-07/16/97	21	6.43	6.194	6.7	5.7	0.118	0.344	5.716	6.095	6.59	6.618
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/03/81-07/16/97	21	0.372	0.639	1.995	0.2	0.337	0.58	0.241	0.257	0.804	1.924
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	08/03/81-07/16/97	20	0.03	0.033	0.05	0.01	0.	0.009	0.02	0.03	0.04	0.04
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	06/01/82-07/13/88	6	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	08/03/81-07/16/97	19	0.003	0.004	0.02	0.	0.	0.005	0.	0.001	0.007	0.01
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	07/14/87-07/16/97	7	0.7	0.686	1.1	0.3	0.085	0.291	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/03/81-07/16/97	21	1.1	1.1	1.9	0.7	0.052	0.228	0.9	1.	1.2	1.28
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/03/81-07/16/97	21	0.2	0.176	0.3	0.1	0.003	0.054	0.1	0.1	0.2	0.2
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/03/81-07/16/97	21	0.34	0.359	0.48	0.29	0.003	0.057	0.292	0.325	0.375	0.474
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/03/81-07/16/97	21	0.11	0.13	0.25	0.1	0.002	0.039	0.1	0.105	0.14	0.196
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/03/81-07/16/97	21	0.1	0.114	0.2	0.	0.003	0.055	0.04	0.095	0.15	0.2
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/03/81-07/16/97	21	1.2	1.271	2.	0.8	0.083	0.288	0.9	1.1	1.4	1.68

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: ROMO0358

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/10/83-09/28/93	5	0.1	0.088	0.11	0.05	0.001	0.024	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/03/81-07/16/97	16	3.2	2.656	3.7	1.5	0.899	0.948	1.5	1.625	3.5	3.63
01046	IRON, DISSOLVED (UG/L AS FE)	08/10/83-07/13/88	4	11.	17.75	40.	9.	220.917	14.863	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/10/83-07/13/88	4	1.	1.075	1.3	1.	0.023	0.15	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/10/83-09/28/93	5	21.	21.6	30.	14.	42.3	6.504	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	08/03/81-07/16/97	17	0.002	0.005	0.05	0.	0.	0.012	0.	0.	0.004	0.018
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/03/81-07/16/97	21	1.3	1.219	1.6	0.9	0.03	0.172	1.	1.05	1.3	1.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0358

				Total	Exceed	Prop.	----------6/10-10/31----------			----------11/01-4/10----------			----------4/11-6/09----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00403	PH, LAB	Fresh Chronic	9.	9	0	0.00	9	0	0.00									
		Other-Lo Lim.	6.5	9	3	0.33	9	3	0.33									
00406	PH, FIELD	Fresh Chronic	9.	21	0	0.00	20	0	0.00				1	0	0.00			
		Other-Lo Lim.	6.5	21	13	0.62	20	12	0.60				1	1	1.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	6	0	0.00	5	0	0.00				1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	21	0	0.00	20	0	0.00				1	0	0.00			
		Drinking Water	250.	21	0	0.00	20	0	0.00				1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	21	0	0.00	20	0	0.00				1	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	5	0	0.00	5	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	21	0	0.00	20	0	0.00				1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 6/10 to 10/31 - Station ROMO0358

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/03/81-07/16/97	18	10.	10.056	13.	7.	1.585	1.259	8.8	9.	11.	11.2
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/10/83-07/16/97	9	9.	9.111	10.	7.	1.111	1.054	7.	8.5	10.	10.
00403	PH, LAB, STANDARD UNITS SU	08/10/83-07/16/97	9	6.6	6.522	6.7	5.9	0.064	0.254	5.9	6.45	6.7	6.7
00403	CONVERTED PH, LAB, STANDARD UNITS	08/10/83-07/16/97	9	6.6	6.432	6.7	5.9	0.074	0.271	5.9	6.45	6.7	6.7
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/10/83-07/16/97	9	0.251	0.369	1.259	0.2	0.115	0.34	0.2	0.2	0.357	1.259
00406	PH, FIELD, STANDARD UNITS SU	08/03/81-07/16/97	20	6.465	6.326	6.7	5.7	0.106	0.326	5.713	6.092	6.595	6.619
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/03/81-07/16/97	20	6.464	6.192	6.7	5.7	0.125	0.353	5.713	6.092	6.595	6.619
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/03/81-07/16/97	20	0.344	0.643	1.995	0.2	0.354	0.595	0.24	0.254	0.808	1.937
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	08/03/81-07/16/97	20	0.03	0.033	0.05	0.01	0.	0.009	0.02	0.03	0.04	0.04
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	08/03/81-07/16/97	18	0.003	0.005	0.02	0.	0.	0.005	0.	0.001	0.008	0.011
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/03/81-07/16/97	20	1.05	1.095	1.9	0.7	0.054	0.233	0.9	1.	1.2	1.29
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/03/81-07/16/97	20	0.2	0.17	0.2	0.1	0.002	0.047	0.1	0.1	0.2	0.2
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/03/81-07/16/97	20	0.34	0.353	0.48	0.29	0.003	0.051	0.291	0.323	0.37	0.447
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/03/81-07/16/97	20	0.11	0.127	0.25	0.1	0.001	0.037	0.1	0.103	0.138	0.179
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/03/81-07/16/97	20	0.1	0.11	0.2	0.	0.003	0.053	0.035	0.093	0.1	0.2
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/03/81-07/16/97	20	1.2	1.235	1.7	0.8	0.058	0.241	0.9	1.1	1.4	1.59
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/03/81-07/16/97	16	3.2	2.656	3.7	1.5	0.899	0.948	1.5	1.625	3.5	3.63
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	08/03/81-07/16/97	17	0.002	0.005	0.05	0.	0.	0.012	0.	0.	0.004	0.018
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/03/81-07/16/97	20	1.3	1.2	1.4	0.9	0.023	0.152	1.	1.025	1.3	1.39

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/11 to 6/09 - Station ROMO0358

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/03/81-07/16/97	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	08/03/81-07/16/97	1	6.25	6.25	6.25	6.25	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	08/03/81-07/16/97	1	6.25	6.25	6.25	6.25	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/03/81-07/16/97	1	0.562	0.562	0.562	0.562	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	08/03/81-07/16/97	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/03/81-07/16/97	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/03/81-07/16/97	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/03/81-07/16/97	1	0.48	0.48	0.48	0.48	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/03/81-07/16/97	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/03/81-07/16/97	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/03/81-07/16/97	1	2.	2.	2.	2.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/03/81-07/16/97	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: ROMO0359

NPS Station ID: ROMO0359
LAT/LON: 40.309643/-105.656476
Agency: 11NPSWRD
Date Created: 08/28/99
Location: Tyndall Creek Dream Lake Outlet
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_SM_TCDLO
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the McHenrys Peak CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0359

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	1	27.	27.	27.	27.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/31/81-07/31/81	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.158	0.158	0.158	0.158	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	1	5.77	5.77	5.77	5.77	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/31/81-07/31/81	1	5.77	5.77	5.77	5.77	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	1.698	1.698	1.698	1.698	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	1	38.	38.	38.	38.	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	1	0.38	0.38	0.38	0.38	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	1	0.14	0.14	0.14	0.14	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	1	3.3	3.3	3.3	3.3	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0359

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0360

NPS Station ID: ROMO0360
LAT/LON: 40.309671/-105.667920
Agency: 11NPSWRD
Date Created: 06/30/99
Location: MIDDLE OF EMERALD LAKE AT MID-DEPTH
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): ROMO_JB_EMERLM
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MCHENRYS PEAK CO 7.5' (TOPOGRAPHICAL) SERIES QUADRANGLE. THE SITE IS AT THE MIDDLE OF EMERALD LAKE AT MID-DEPTH AND IS LOCATED IN ROCKY MOUNTAIN NATIONAL PARK. DATA WERE COLLECTED FOR THE LOCH VALE WATERSHED STUDY; A LONG TERM MONITORING STUDY FOR THE NATIONAL ATMOSPHERIC DEPOSITION PROGRAM/NATIONAL ACID PRECIPITATION ASSESSMENT PROGRAM (NADP/NAPAP). THE NADP/NAPAP MONITORS WATER QUALITY OF SENSITIVE ENVIRONMENTS FOR CHANGES DUE TO ACID PRECIPITATION. JILL BARON IS THE PROJECT CONTACT FOR THE STUDY AT THE NATURAL RESOURCES ECOLOGY LABORATORY AT COLORADO STATE UNIVERSITY IN FORT COLLINS CO 80525 (TEL. 970-491-1968). FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0360

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/13/82-08/10/83	2	6.05	6.05	6.1	6.	0.005	0.071	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/82-08/10/83	3	10.	11.	13.	10.	3.	1.732	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/10/83-08/10/83	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/10/83-08/10/83	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/10/83-08/10/83	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/10/83-08/10/83	1	0.079	0.079	0.079	0.079	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/02/82-08/10/83	3	6.53	6.337	6.7	5.78	0.24	0.49	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/02/82-08/10/83	3	6.53	6.144	6.7	5.78	0.295	0.544	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/02/82-08/10/83	3	0.295	0.718	1.66	0.2	0.667	0.817	**	**	**	**
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	08/10/83-08/10/83	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/02/82-09/13/82	2	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/02/82-08/10/83	3	0.005	0.006	0.01	0.003	0.	0.004	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/02/82-08/10/83	3	1.1	1.233	1.9	0.7	0.373	0.611	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/02/82-08/10/83	3	0.2	0.233	0.3	0.2	0.003	0.058	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/02/82-08/10/83	3	0.4	0.387	0.42	0.34	0.002	0.042	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/02/82-08/10/83	3	0.14	0.14	0.18	0.1	0.002	0.04	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/02/82-08/10/83	3	0.2	0.313	0.7	0.04	0.119	0.344	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/02/82-08/10/83	3	1.3	1.367	1.6	1.2	0.043	0.208	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/10/83-08/10/83	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: ROMO0360

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/10/83-08/10/83	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/10/83-08/10/83	1	17.	17.	17.	17.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/10/83-08/10/83	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/10/83-08/10/83	1	20.	20.	20.	20.	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	08/10/83-08/10/83	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/02/82-08/10/83	3	1.	1.033	1.3	0.8	0.063	0.252	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0360

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	3	0	0.00	3	0	0.00									
		Other-Lo Lim.	6.5	3	1	0.33	3	1	0.33									
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	2	0	0.00	2	0	0.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	3	0	0.00	3	0	0.00									
		Drinking Water	250.	3	0	0.00	3	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	3	0	0.00	3	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	3	0	0.00	3	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0361

NPS Station ID: ROMO0361 LAT/LON: 40.309671/-105.667920 Agency: 11NPSWRD Date Created: 06/30/99
Location: MIDDLE OF EMERALD LAKE AT THE BOTTOM FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): ROMO_JB_EMERLH
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI RIVER Elevation: 0 Water Body Id:
Minor Basin: SOUTH PLATTE RIVER ECO Region:
RF1 Index: 10190006 RF1 Mile Point: 0.000 Distance from RF1: 12.40 On/Off RF1:
RF3 Index: 10190007002218.40 RF3 Mile Point: 18.39 Distance from RF3: 0.57 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MCHENRYS PEAK CO 7.5' (TOPOGRAPHICAL) SERIES QUADRANGLE. THE SITE IS AT THE MIDDLE OF EMERALD LAKE AT THE BOTTOM AND IS LOCATED IN ROCKY MOUNTAIN NATIONAL PARK. DATA WERE COLLECTED FOR THE LOCH VALE WATERSHED STUDY; A LONG TERM MONITORING STUDY FOR THE NATIONAL ATMOSPHERIC DEPOSITION PROGRAM/NATIONAL ACID PRECIPITATION ASSESSMENT PROGRAM (NADP/NAPAP). THE NADP/NAPAP MONITORS WATER QUALITY OF SENSITIVE ENVIRONMENTS FOR CHANGES DUE TO ACID PRECIPITATION. JILL BARON IS THE PROJECT CONTACT FOR THE STUDY AT THE NATURAL RESOURCES ECOLOGY LABORATORY AT COLORADO STATE UNIVERSITY IN FORT COLLINS CO 80525 (TEL. 970-491-1968). FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0361

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/13/82-09/12/91	7	5.2	5.257	6.	4.5	0.24	0.489	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/82-09/12/91	9	12.	11.889	14.	9.	4.361	2.088	9.	9.5	14.	14.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/10/83-09/12/91	6	12.	12.	13.	10.	1.2	1.095	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/10/83-08/31/92	6	6.65	6.733	7.	6.6	0.031	0.175	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/10/83-08/31/92	6	6.647	6.707	7.	6.6	0.032	0.178	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/10/83-08/31/92	6	0.225	0.196	0.251	0.1	0.005	0.068	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/02/82-09/12/91	9	6.6	6.523	6.81	5.91	0.073	0.271	5.91	6.4	6.695	6.81
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/02/82-09/12/91	9	6.6	6.428	6.81	5.91	0.083	0.289	5.91	6.4	6.695	6.81
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/02/82-09/12/91	9	0.251	0.373	1.23	0.155	0.113	0.336	0.155	0.202	0.409	1.23
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	09/13/82-08/31/92	8	0.05	0.05	0.06	0.03	0.	0.011	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/02/82-09/12/91	7	0.003	0.005	0.02	0.003	0.	0.006	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/02/82-08/17/90	7	0.009	0.009	0.02	0.003	0.	0.005	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	07/14/87-08/31/92	5	0.6	0.86	1.3	0.6	0.128	0.358	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/02/82-08/31/92	9	1.4	1.344	1.9	0.9	0.123	0.35	0.9	1.	1.6	1.9
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/02/82-08/31/92	9	0.2	0.189	0.3	0.1	0.004	0.06	0.1	0.15	0.2	0.3
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/02/82-08/31/92	9	0.43	0.422	0.5	0.3	0.004	0.065	0.3	0.38	0.485	0.5
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/02/82-08/31/92	9	0.17	0.167	0.23	0.09	0.001	0.036	0.09	0.16	0.175	0.23
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/02/82-08/31/92	9	0.1	0.13	0.4	0.08	0.01	0.101	0.08	0.095	0.1	0.4
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/02/82-08/31/92	9	1.3	1.278	1.6	0.9	0.034	0.186	0.9	1.2	1.35	1.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: ROMO0361

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/10/83-08/31/92	7	0.12	0.113	0.14	0.07	0.001	0.024	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/10/83-08/31/92	7	2.	1.9	2.1	1.5	0.05	0.224	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/10/83-09/12/91	6	20.5	29.	60.	9.	461.2	21.476	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/10/83-09/12/91	6	1.	1.267	2.4	1.	0.315	0.561	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/10/83-08/31/92	7	20.	15.714	22.	6.	42.905	6.55	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	08/10/83-09/12/91	6	0.02	0.036	0.08	0.005	0.001	0.031	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/02/82-08/31/92	9	1.1	1.089	1.3	0.9	0.019	0.136	0.9	0.95	1.2	1.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0361

				Total	Exceed	Prop.	6/10-10/31			11/01-4/10			4/11-6/09			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00403	PH, LAB	Fresh Chronic	9.	6	0	0.00	6	0	0.00									
		Other-Lo Lim.	6.5	6	0	0.00	6	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	9	0	0.00	9	0	0.00									
		Other-Lo Lim.	6.5	9	3	0.33	9	3	0.33									
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	7	0	0.00	7	0	0.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	9	0	0.00	9	0	0.00									
		Drinking Water	250.	9	0	0.00	9	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	9	0	0.00	9	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	7	0	0.00	7	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	9	0	0.00	9	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 6/10 to 10/31 - Station ROMO0361

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/02/82-09/12/91	9	12.	11.889	14.	9.	4.361	2.088	9.	9.5	14.	14.
00406	PH, FIELD, STANDARD UNITS SU	07/02/82-09/12/91	9	6.6	6.523	6.81	5.91	0.073	0.271	5.91	6.4	6.695	6.81
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/02/82-09/12/91	9	6.6	6.428	6.81	5.91	0.083	0.289	5.91	6.4	6.695	6.81
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/02/82-09/12/91	9	0.251	0.373	1.23	0.155	0.113	0.336	0.155	0.202	0.409	1.23
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/02/82-08/31/92	9	1.4	1.344	1.9	0.9	0.123	0.35	0.9	1.	1.6	1.9
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/02/82-08/31/92	9	0.2	0.189	0.3	0.1	0.004	0.06	0.1	0.15	0.2	0.3
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/02/82-08/31/92	9	0.43	0.422	0.5	0.3	0.004	0.065	0.3	0.38	0.485	0.5
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/02/82-08/31/92	9	0.17	0.167	0.23	0.09	0.001	0.036	0.09	0.16	0.175	0.23
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/02/82-08/31/92	9	0.1	0.13	0.4	0.08	0.01	0.101	0.08	0.095	0.1	0.4
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/02/82-08/31/92	9	1.3	1.278	1.6	0.9	0.034	0.186	0.9	1.2	1.35	1.6
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/02/82-08/31/92	9	1.1	1.089	1.3	0.9	0.019	0.136	0.9	0.95	1.2	1.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: ROMO0362

NPS Station ID: ROMO0362 LAT/LON: 40.309671/-105.667920 Agency: 11NPSWRD Date Created: 06/30/99
Location: MIDDLE OF EMERALD LAKE AT THE SURFACE FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): ROMO_JB_EMERLS
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI RIVER Elevation: 0 Water Body Id:
Minor Basin: SOUTH PLATTE RIVER ECO Region:
RF1 Index: 10190006 RF1 Mile Point: 0.000 Distance from RF1: 12.40 On/Off RF1:
RF3 Index: 10190007002218.40 RF3 Mile Point: 18.39 Distance from RF3: 0.57 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MCHENRYS PEAK CO 7.5' (TOPOGRAPHICAL) SERIES QUADRANGLE. THE SITE IS AT THE MIDDLE OF EMERALD LAKE AT THE SURFACE AND IS LOCATED IN ROCKY MOUNTAIN NATIONAL PARK. DATA WERE COLLECTED FOR THE LOCH VALE WATERSHED STUDY; A LONG TERM MONITORING STUDY FOR THE NATIONAL ATMOSPHERIC DEPOSITION PROGRAM/NATIONAL ACID PRECIPITATION ASSESSMENT PROGRAM (NADP/NAPAP). THE NADP/NAPAP MONITORS WATER QUALITY OF SENSITIVE ENVIRONMENTS FOR CHANGES DUE TO ACID PRECIPITATION. JILL BARON IS THE PROJECT CONTACT FOR THE STUDY AT THE NATURAL RESOURCES ECOLOGY LABORATORY AT COLORADO STATE UNIVERSITY IN FORT COLLINS CO 80525 (TEL. 970-491-1968). FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0362

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/01/82-08/30/94	9	9.	8.711	13.	4.5	6.941	2.635	4.5	6.35	10.5	13.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/06/81-08/30/94	25	10.	10.36	18.	6.	5.24	2.289	8.6	9.	11.	13.4
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/10/83-08/30/94	8	10.	9.875	12.	9.	0.982	0.991	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/10/83-08/30/94	8	6.55	6.587	6.8	6.4	0.027	0.164	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/10/83-08/30/94	8	6.547	6.561	6.8	6.4	0.028	0.167	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/10/83-08/30/94	8	0.284	0.275	0.398	0.158	0.01	0.098	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/06/81-08/30/94	27	6.42	6.384	7.02	5.8	0.129	0.359	5.866	6.02	6.65	6.816
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/06/81-08/30/94	27	6.42	6.247	7.02	5.8	0.148	0.385	5.866	6.02	6.65	6.816
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/06/81-08/30/94	27	0.38	0.566	1.585	0.095	0.206	0.454	0.155	0.224	0.955	1.364
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	07/06/81-08/30/94	23	0.04	0.035	0.05	0.02	0.	0.009	0.02	0.03	0.04	0.05
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	06/01/82-09/12/91	8	0.007	0.01	0.033	0.003	0.	0.011	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/06/81-08/30/94	24	0.005	0.005	0.02	0.	0.	0.004	0.	0.003	0.008	0.01
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	07/14/87-08/30/94	6	0.5	0.55	1.1	0.2	0.095	0.308	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/06/81-08/30/94	27	1.1	1.056	1.4	0.7	0.033	0.183	0.88	0.9	1.2	1.32
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/06/81-08/30/94	27	0.2	0.167	0.3	0.1	0.003	0.055	0.1	0.1	0.2	0.2
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/06/81-08/30/94	27	0.34	0.349	0.45	0.27	0.003	0.057	0.28	0.3	0.4	0.442
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/06/81-08/30/94	27	0.12	0.127	0.24	0.09	0.001	0.038	0.09	0.1	0.14	0.196
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/06/81-08/30/94	27	0.1	0.121	0.3	0.05	0.004	0.062	0.08	0.1	0.1	0.22
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/06/81-08/30/94	27	1.4	1.367	2.4	0.9	0.085	0.291	1.1	1.2	1.5	1.66

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: ROMO0362

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/10/83-09/28/93	8	0.095	0.089	0.11	0.04	0.	0.022	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/06/81-08/30/94	23	3.1	2.643	3.6	1.5	0.743	0.862	1.5	1.7	3.4	3.56
01046	IRON, DISSOLVED (UG/L AS FE)	08/10/83-09/12/91	6	10.5	19.167	64.	7.	486.167	22.049	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/10/83-09/12/91	6	1.	1.317	2.4	1.	0.322	0.567	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/10/83-09/28/93	8	19.5	17.625	23.	8.	23.982	4.897	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/06/81-08/30/94	22	0.004	0.01	0.09	0.	0.	0.019	0.	0.002	0.01	0.027
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/06/81-08/30/94	26	1.2	1.212	2.1	0.9	0.051	0.227	0.9	1.1	1.3	1.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0362

				Total	Exceed	Prop.	6/10-10/31			11/01-4/10			4/11-6/09			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00403	PH, LAB	Fresh Chronic	9.	8	0	0.00	8	0	0.00									
		Other-Lo Lim.	6.5	8	4	0.50	8	4	0.50									
00406	PH, FIELD	Fresh Chronic	9.	27	0	0.00	26	0	0.00				1	0	0.00			
		Other-Lo Lim.	6.5	27	14	0.52	26	13	0.50				1	1	1.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	8	0	0.00	7	0	0.00				1	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	27	0	0.00	26	0	0.00				1	0	0.00			
		Drinking Water	250.	27	0	0.00	26	0	0.00				1	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	27	0	0.00	26	0	0.00				1	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	8	0	0.00	8	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	26	0	0.00	25	0	0.00				1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 6/10 to 10/31 - Station ROMO0362

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/06/81-08/30/94	24	10.	10.042	14.	6.	2.824	1.681	8.5	9.	11.	12.5
00406	PH, FIELD, STANDARD UNITS SU	07/06/81-08/30/94	26	6.465	6.393	7.02	5.8	0.132	0.363	5.859	6.015	6.675	6.834
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/06/81-08/30/94	26	6.463	6.251	7.02	5.8	0.153	0.391	5.859	6.015	6.675	6.834
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/06/81-08/30/94	26	0.345	0.561	1.585	0.095	0.214	0.463	0.149	0.212	0.966	1.387
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	07/06/81-08/30/94	23	0.04	0.035	0.05	0.02	0.	0.009	0.02	0.03	0.04	0.05
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/06/81-08/30/94	23	0.004	0.005	0.02	0.	0.	0.004	0.	0.003	0.006	0.01
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/06/81-08/30/94	26	1.05	1.042	1.4	0.7	0.03	0.172	0.87	0.9	1.125	1.3
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/06/81-08/30/94	26	0.2	0.162	0.2	0.1	0.002	0.05	0.1	0.1	0.2	0.2
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/06/81-08/30/94	26	0.34	0.345	0.45	0.27	0.003	0.054	0.28	0.3	0.393	0.426
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/06/81-08/30/94	26	0.115	0.123	0.24	0.09	0.001	0.033	0.09	0.1	0.133	0.169
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/06/81-08/30/94	26	0.1	0.115	0.3	0.05	0.003	0.052	0.08	0.098	0.1	0.2
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/06/81-08/30/94	26	1.35	1.327	1.9	0.9	0.044	0.209	1.1	1.175	1.5	1.53
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/06/81-08/30/94	23	3.1	2.643	3.6	1.5	0.743	0.862	1.5	1.7	3.4	3.56
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/06/81-08/30/94	22	0.004	0.01	0.09	0.	0.	0.019	0.	0.002	0.01	0.027
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/06/81-08/30/94	25	1.2	1.176	1.3	0.9	0.019	0.139	0.9	1.1	1.3	1.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/11 to 6/09 - Station ROMO0362

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/06/81-08/30/94	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/06/81-08/30/94	1	6.16	6.16	6.16	6.16	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/06/81-08/30/94	1	6.16	6.16	6.16	6.16	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/06/81-08/30/94	1	0.692	0.692	0.692	0.692	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/06/81-08/30/94	1	0.009	0.009	0.009	0.009	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/06/81-08/30/94	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/06/81-08/30/94	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/06/81-08/30/94	1	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/06/81-08/30/94	1	0.22	0.22	0.22	0.22	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/06/81-08/30/94	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/06/81-08/30/94	1	2.4	2.4	2.4	2.4	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/06/81-08/30/94	1	2.1	2.1	2.1	2.1	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: ROMO0363

NPS Station ID: ROMO0363
LAT/LON: 40.309726/-105.656393
Agency: 112WRD
Date Created: 01/07/89
Location: DREAM LAKE
FIPS State/County: 08013 COLORADO/BOULDER
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 401835105392300
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC:
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 18.10
On/Off RF1:
RF3 Index: 10190006003303.43
RF3 Mile Point: 4.14
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0363

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/12/87-09/18/89	40	0.	0.1	2.	0.	0.195	0.441	0.	0.	0.	0.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/12/87-09/18/89	20	9.75	9.84	15.	1.9	12.865	3.587	4.1	8.05	12.875	14.18
00080	COLOR (PLATINUM-COBALT UNITS)	08/12/87-09/18/89	40	2.	2.875	10.	0.5	10.304	3.21	0.5	0.625	2.75	10.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/12/87-09/18/89	21	12.	12.	15.	10.	1.3	1.14	11.	11.	12.5	13.8
00300	OXYGEN, DISSOLVED MG/L	08/12/87-09/18/89	17	7.5	7.394	8.8	6.4	0.439	0.663	6.56	6.75	7.9	8.24
00400	PH (STANDARD UNITS)	08/12/87-09/18/89	19	6.81	6.853	7.22	6.57	0.033	0.182	6.61	6.72	7.	7.19
00400	CONVERTED PH (STANDARD UNITS)	08/12/87-09/18/89	19	6.81	6.819	7.22	6.57	0.034	0.185	6.61	6.72	7.	7.19
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/12/87-09/18/89	19	0.155	0.152	0.269	0.06	0.003	0.059	0.065	0.1	0.191	0.245
00403	PH, LAB, STANDARD UNITS SU	08/12/87-09/18/89	40	7.2	7.38	8.3	6.4	0.269	0.519	6.8	7.	7.875	8.19
00403	CONVERTED PH, LAB, STANDARD UNITS	08/12/87-09/18/89	40	7.2	7.12	8.3	6.4	0.339	0.582	6.8	7.	7.875	8.19
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/12/87-09/18/89	40	0.063	0.076	0.398	0.005	0.008	0.088	0.006	0.013	0.1	0.158
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	06/10/88-09/18/89	38	0.004	0.005	0.013	0.001	0.	0.004	0.001	0.001	0.007	0.011
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/12/87-09/18/89	36	0.18	0.172	0.27	0.005	0.005	0.07	0.02	0.14	0.22	0.25
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	06/10/88-09/18/89	38 ##	0.1	0.168	0.6	0.1	0.016	0.128	0.1	0.1	0.2	0.3
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/10/88-09/18/89	38	0.2	0.195	0.3	0.005	0.006	0.076	0.1	0.2	0.2	0.3
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/10/88-09/18/89	38 ##	0.005	0.013	0.04	0.005	0.	0.011	0.005	0.005	0.02	0.03
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/12/87-09/18/89	40 ##	0.001	0.002	0.005	0.001	0.	0.002	0.001	0.001	0.005	0.005
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/12/87-09/18/89	40	1.3	1.27	1.5	1.1	0.013	0.116	1.1	1.2	1.3	1.49
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/12/87-09/18/89	40	0.2	0.18	0.3	0.09	0.003	0.052	0.1	0.125	0.2	0.2
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/12/87-09/18/89	40	0.46	0.461	0.53	0.4	0.001	0.037	0.412	0.43	0.49	0.52
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/12/87-09/18/89	40	0.165	0.161	0.21	0.12	0.	0.02	0.131	0.15	0.178	0.18
00940	CHLORIDE,TOTAL IN WATER MG/L	08/12/87-09/18/89	40	0.1	0.13	0.2	0.1	0.002	0.046	0.1	0.1	0.2	0.2
00945	SULFATE, TOTAL (MG/L AS SO4)	08/12/87-09/18/89	40	1.	1.15	2.	1.	0.131	0.362	1.	1.	1.	2.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/12/87-09/18/89	40	0.1	0.106	0.14	0.09	0.	0.013	0.09	0.1	0.11	0.129
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/12/87-09/18/89	40	1.85	1.875	2.5	1.6	0.046	0.215	1.61	1.725	1.9	2.28
01046	IRON, DISSOLVED (UG/L AS FE)	08/12/87-09/18/89	40	14.	16.9	75.	9.	195.682	13.989	9.	11.	18.25	20.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/12/87-09/18/89	40	1.	1.225	3.	0.5	0.756	0.869	0.5	0.5	1.75	3.
71870	BROMIDE (MG/L AS BR)	08/12/87-09/18/89	40 ##	0.005	0.005	0.01	0.005	0.	0.001	0.005	0.005	0.005	0.005
82086	SULFUR-34/SULFUR-32 STABLE ISOTOPE RATIO PER MIL	09/27/88-08/24/89	4	-0.5	-0.5	2.3	-3.3	10.453	3.233	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0363

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	17	0	0.00	16	0	0.00				1	0	0.00			
00400	PH	Fresh Chronic	9.	19	0	0.00	18	0	0.00				1	0	0.00			
		Other-Lo Lim.	6.5	19	0	0.00	18	0	0.00				1	0	0.00			
00403	PH, LAB	Fresh Chronic	9.	40	0	0.00	38	0	0.00				2	0	0.00			
		Other-Lo Lim.	6.5	40	2	0.05	38	2	0.05				2	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	36	0	0.00	35	0	0.00				1	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	38	0	0.00	36	0	0.00				2	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	40	0	0.00	38	0	0.00				2	0	0.00			
		Drinking Water	250.	40	0	0.00	38	0	0.00				2	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	40	0	0.00	38	0	0.00				2	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	40	0	0.00	38	0	0.00				2	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0364

NPS Station ID: ROMO0364
LAT/LON: 40.309976/-105.637004
Agency: 11NPSWRD
Date Created: 08/28/99
Location: Glacier Creek below Confluence with Chaos Creek
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_SM_GGBCC
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the McHenrys Peak CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0364

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	1	53.	53.	53.	53.	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	1	0.17	0.17	0.17	0.17	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	1	3.6	3.6	3.6	3.6	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0364

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0365

NPS Station ID: ROMO0365
LAT/LON: 40.310142/-105.809309
Agency: 11NPSWRD
Date Created: 03/27/99
Location: TONAHUTU CREEK-SOUTH
FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_COOPER_2
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14010001
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 9400
Water Body Id:
Minor Basin: UPPER COLORADO RIVER
ECO Region:
RF1 Index: 14010001
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
THE SITE IS LOCATED ON THE GRAND LAKE; CO 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT TONAHUTU CREEK IN THE BIG MEADOWS-GREEN MOUNTAIN TRAIL POND WETLAND COMPLEX INSIDE ROCKY MOUNTAIN NATIONAL PARK. DATA WERE COLLECTED AS PART OF THE 1990 REPORT "ECOLOGY OF WETLANDS IN BIG MEADOWS; ROCKY MOUNTAIN NATIONAL PARK; COLORADO" BY DAVID J. COOPER OF THE DEPARTMENT OF ENVIRONMENTAL SCIENCES AT COLORADO SCHOOL OF MINES; GOLDEN CO 80401. FOR MORE INFORMATION CONTACT RESOURCE MANAGEMENT AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517-8379. TEL. 970-586-1206. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADAM HENSON; NATIONAL PARK SERVICE-WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE; FORT COLLINS COLORADO 80525. TEL. 970-225-3516. FAX. 970-225-9965.

Parameter Inventory for Station: ROMO0365

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/14/88-11/08/88	13	15.	14.385	16.	11.	2.09	1.446	11.4	14.	15.	16.
00400	PH (STANDARD UNITS)	06/14/88-11/08/88	13	7.2	6.885	7.4	6.	0.288	0.537	6.	6.4	7.35	7.4
00400	CONVERTED PH (STANDARD UNITS)	06/14/88-11/08/88	13	7.2	6.568	7.4	6.	0.397	0.63	6.	6.4	7.35	7.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/14/88-11/08/88	13	0.063	0.271	1.	0.04	0.122	0.349	0.04	0.045	0.398	1.
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/14/88-11/08/88	13	5.	5.385	6.	5.	0.256	0.506	5.	5.	6.	6.
00440	BICARBONATE ION (MG/L AS HCO3)	06/14/88-11/08/88	13	7.	6.462	7.	5.	0.436	0.66	5.4	6.	7.	7.
00445	CARBONATE ION (MG/L AS CO3)	06/14/88-11/08/88	13 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	06/14/88-11/08/88	13	0.03	0.08	0.23	0.005	0.009	0.093	0.005	0.005	0.175	0.23
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	06/14/88-11/08/88	13 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/14/88-11/08/88	13	2.3	3.085	5.5	1.7	2.435	1.56	1.74	1.9	5.2	5.42
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	06/14/88-11/08/88	13	2.2	3.038	5.5	1.6	2.549	1.597	1.64	1.85	5.2	5.42
00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/14/88-11/08/88	13	5.	4.769	6.	4.	0.692	0.832	4.	4.	5.5	6.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/14/88-11/08/88	13	1.3	1.377	1.7	1.2	0.037	0.192	1.2	1.2	1.6	1.66
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/14/88-11/08/88	13	0.3	0.338	0.4	0.3	0.003	0.051	0.3	0.3	0.4	0.4
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/14/88-11/08/88	13	1.	0.956	1.34	0.22	0.144	0.379	0.22	0.8	1.285	1.34
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/14/88-11/08/88	13 ##	0.05	0.058	0.16	0.05	0.001	0.031	0.05	0.05	0.05	0.116
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/14/88-11/08/88	13	0.1	0.155	0.7	0.01	0.031	0.175	0.01	0.095	0.2	0.5
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/14/88-11/08/88	13	1.2	1.262	1.6	0.8	0.086	0.293	0.88	1.	1.55	1.6
01005	BARIUM, DISSOLVED (UG/L AS BA)	06/14/88-11/08/88	13 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
01020	BORON, DISSOLVED (UG/L AS B)	06/14/88-11/08/88	13 ##	0.005	0.006	0.01	0.005	0.	0.002	0.005	0.005	0.005	0.01
01025	CADMIUM, DISSOLVED (UG/L AS CD)	06/14/88-11/08/88	13 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	06/14/88-11/08/88	13 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
01040	COPPER, DISSOLVED (UG/L AS CU)	06/14/88-11/08/88	13 ##	0.005	0.007	0.02	0.005	0.	0.004	0.005	0.005	0.005	0.016
01046	IRON, DISSOLVED (UG/L AS FE)	06/14/88-11/08/88	13	0.07	0.071	0.1	0.04	0.001	0.026	0.04	0.05	0.1	0.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: ROMO0365

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01049	LEAD, DISSOLVED (UG/L AS PB)	06/14/88-11/08/88	13 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
01056	MANGANESE, DISSOLVED (UG/L AS MN)	06/14/88-11/08/88	13 ##	0.005	0.006	0.01	0.005	0.	0.002	0.005	0.005	0.008	0.01
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	06/14/88-11/08/88	13 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
01065	NICKEL, DISSOLVED (UG/L AS NI)	06/14/88-11/08/88	13 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	06/14/88-11/08/88	13	0.01	0.009	0.01	0.005	0.	0.002	0.005	0.008	0.01	0.01
01090	ZINC, DISSOLVED (UG/L AS ZN)	06/14/88-11/08/88	13 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	06/14/88-11/08/88	13 ##	0.05	0.054	0.1	0.05	0.	0.014	0.05	0.05	0.05	0.08
71830	HYDROXIDE ION (MG/L AS OH)	06/14/88-11/08/88	13 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0365

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	13	0	0.00	10	0	0.00	3	0	0.00						
		Other-Lo Lim.	6.5	13	4	0.31	10	4	0.40	3	0	0.00						
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	13	0	0.00	10	0	0.00	3	0	0.00						
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	13	0	0.00	10	0	0.00	3	0	0.00						
		Drinking Water	250.	13	0	0.00	10	0	0.00	3	0	0.00						
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	13	0	0.00	10	0	0.00	3	0	0.00						
01005	BARIUM, DISSOLVED	Drinking Water	2000.	13	0	0.00	10	0	0.00	3	0	0.00						
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	13	0	0.00	10	0	0.00	3	0	0.00						
		Drinking Water	5.	13	0	0.00	10	0	0.00	3	0	0.00						
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	13	0	0.00	10	0	0.00	3	0	0.00						
01040	COPPER, DISSOLVED	Fresh Acute	18.	13	0	0.00	10	0	0.00	3	0	0.00						
		Drinking Water	1300.	13	0	0.00	10	0	0.00	3	0	0.00						
01049	LEAD, DISSOLVED	Fresh Acute	82.	13	0	0.00	10	0	0.00	3	0	0.00						
		Drinking Water	15.	13	0	0.00	10	0	0.00	3	0	0.00						
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	13	0	0.00	10	0	0.00	3	0	0.00						
		Drinking Water	100.	13	0	0.00	10	0	0.00	3	0	0.00						
01090	ZINC, DISSOLVED	Fresh Acute	120.	13	0	0.00	10	0	0.00	3	0	0.00						
		Drinking Water	5000.	13	0	0.00	10	0	0.00	3	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0366

NPS Station ID: ROMO0366 LAT/LON: 40.310170/-105.650949 Agency: 11NPSWRD Date Created: 06/12/99
Location: NYMPH LAKE NEAR THE LONGS PEAK VIEWPOD FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): ROMO_JR_CAP23
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI RIVER Elevation: 0 Water Body Id:
Minor Basin: SOUTH PLATTE RIVER ECO Region:
RF1 Index: 10190006 RF1 Mile Point: 0.000 Distance from RF1: 12.40 On/Off RF1:
RF3 Index: 10190007002218.40 RF3 Mile Point: 18.39 Distance from RF3: 0.57 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MCHENRYS PEAK CO 7.5' SERIES (TOPO.) QUADRANGLE. THE SITE IS LOCATED AT NYMPH LAKE NEAR THE LONGS PEAK VIEWING AREA AND IS WITHIN ROCKY MOUNTAIN NATIONAL PARK. THE DATA ARE FROM ANNUAL CAPSHELL SNAIL MONITORING PROGRAM REPORTS BY JOHN RIEBESELL OF THE DEPARTMENT OF NATURAL RESOURCES AT THE UNIVERSITY OF MICHIGAN IN DEARBORN MI. TTHE REPORTS SUMMARIZED POPULATION DATA AND WATER QUALITY CHARACTERISTICS OF THE HABITAT OF CAPSHELL SNAILS; A CANDIDATE FOR LISTING UNDER THE FEDERAL ENDANGERED SPECIES ACT. FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0366

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094 SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/11/97-07/11/97	1	12.	12.	12.	12.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: ROMO0367

NPS Station ID: ROMO0367 | LAT/LON: 40.311698/-105.531893 | Agency: 11NPSWRD | Date Created: 06/18/99
Location: 105788/C04268 | FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): ROMO_NURE_006 /1073975 /1118453
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 10190006 | Depth of Water: 0 | Aquifer:
Major Basin: MISSOURI RIVER | Elevation: 0 | Water Body Id:
Minor Basin: SOUTH PLATTE RIVER | ECO Region:
RF1 Index: 10190006 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE "LONGS PEAK COLORADO" 7.5 MINUTE SERIES QUADRANGLE. THE SITE IS AT A STREAM OUTSIDE OF ROCKY MOUNTAIN NATIONAL PARK. EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO ONE WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATA BASE: "NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SOIL; STREAM SEDIMENT; SURFACE WATER; AND GROUND WATER DATA. "UNIQID" FIELD ENTRIES WERE USED TO CREATE THE SECONDARY STATION NAMES. THE "LASLID" FIELD ENTRIES (LAB SAMPLE NUMBERS) WERE USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LAB. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND KELLI O'CONNOR; NATIONAL PARK SERVICE WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0367

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/21/76-09/21/76	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/21/76-09/21/76	1	50.	50.	50.	50.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/21/76-09/21/76	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/21/76-09/21/76	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/21/76-09/21/76	1	0.158	0.158	0.158	0.158	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/21/76-09/21/76	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0367

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0368

NPS Station ID: ROMO0368
LAT/LON: 40.311753/-105.807892
Agency: 11NPSWRD
Date Created: 03/27/99
Location: TONAHUTU CREEK-BEAVER POND
FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_COOPER_4
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14010001
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 9410
Water Body Id:
Minor Basin: UPPER COLORADO RIVER
ECO Region:
RF1 Index: 14010001
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
THE SITE IS LOCATED ON THE GRAND LAKE; CO 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT TONAHUTU CREEK JUST BELOW A BEAVER POND IN THE BIG MEADOWS-GREEN MOUNTAIN TRAIL POND WETLAND COMPLEX INSIDE ROCKY MOUNTAIN NATIONAL PARK. DATA WERE COLLECTED AS PART OF THE 1990 REPORT "ECOLOGY OF WETLANDS IN BIG MEADOWS; ROCKY MOUNTAIN NATIONAL PARK; COLORADO" BY DAVID J. COOPER OF THE DEPARTMENT OF ENVIRONMENTAL SCIENCES AT COLORADO SCHOOL OF MINES; GOLDEN CO 80401. FOR MORE INFORMATION CONTACT RESOURCE MANAGEMENT AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517-8379. TEL. 970-586-1206. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADAM HENSON; NATIONAL PARK SERVICE-WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE; FORT COLLINS COLORADO 80525. TEL. 970-225-3516. FAX. 970-225-9965.

Parameter Inventory for Station: ROMO0368

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/13/88-10/11/88	4	21.5	21.	30.	11.	98.	9.899	**	**	**	**
00400	PH (STANDARD UNITS)	07/13/88-10/11/88	4	7.3	7.	7.4	6.	0.447	0.668	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/13/88-10/11/88	4	7.3	6.545	7.4	6.	0.723	0.85	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/13/88-10/11/88	4	0.05	0.285	1.	0.04	0.227	0.477	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/13/88-10/11/88	4	9.	9.	14.	4.	27.333	5.228	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	07/13/88-10/11/88	4	11.	11.	17.	5.	40.667	6.377	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	07/13/88-10/11/88	4 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	07/13/88-10/11/88	4 ##	0.005	0.034	0.12	0.005	0.003	0.058	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	07/13/88-10/11/88	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	07/13/88-10/11/88	4	6.2	7.725	16.7	1.8	50.243	7.088	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	07/13/88-10/11/88	4	5.5	5.35	8.7	1.7	15.023	3.876	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/13/88-10/11/88	4	7.5	7.5	11.	4.	12.333	3.512	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/13/88-10/11/88	4	1.95	1.925	2.7	1.1	0.563	0.75	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/13/88-10/11/88	4	0.6	0.625	1.	0.3	0.143	0.377	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/13/88-10/11/88	4	1.56	1.343	2.13	0.12	0.877	0.937	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/13/88-10/11/88	4	0.2	0.163	0.2	0.05	0.006	0.075	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/13/88-10/11/88	4	0.13	0.123	0.2	0.03	0.008	0.09	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/13/88-10/11/88	4	0.655	0.78	1.8	0.01	0.832	0.912	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	07/13/88-10/11/88	4 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	07/13/88-10/11/88	4 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	07/13/88-10/11/88	4 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	07/13/88-10/11/88	4 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	07/13/88-10/11/88	4 ##	0.018	0.023	0.05	0.005	0.	0.022	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/13/88-10/11/88	4	0.17	0.218	0.5	0.03	0.051	0.226	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: ROMO0368

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01049	LEAD, DISSOLVED (UG/L AS PB)	07/13/88-10/11/88	4 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/13/88-10/11/88	4 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	07/13/88-10/11/88	4 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	07/13/88-10/11/88	4 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	07/13/88-10/11/88	4	0.015	0.014	0.02	0.005	0.	0.008	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	07/13/88-10/11/88	4 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/13/88-10/11/88	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	07/13/88-10/11/88	4 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0368

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	4	0	0.00	4	0	0.00									
		Other-Lo Lim.	6.5	4	1	0.25	4	1	0.25									
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	4	0	0.00	4	0	0.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	4	0	0.00	4	0	0.00									
		Drinking Water	250.	4	0	0.00	4	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	4	0	0.00	4	0	0.00									
01005	BARIUM, DISSOLVED	Drinking Water	2000.	4	0	0.00	4	0	0.00									
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	4	0	0.00	4	0	0.00									
		Drinking Water	5.	4	0	0.00	4	0	0.00									
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	4	0	0.00	4	0	0.00									
01040	COPPER, DISSOLVED	Fresh Acute	18.	4	0	0.00	4	0	0.00									
		Drinking Water	1300.	4	0	0.00	4	0	0.00									
01049	LEAD, DISSOLVED	Fresh Acute	82.	4	0	0.00	4	0	0.00									
		Drinking Water	15.	4	0	0.00	4	0	0.00									
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	4	0	0.00	4	0	0.00									
		Drinking Water	100.	4	0	0.00	4	0	0.00									
01090	ZINC, DISSOLVED	Fresh Acute	120.	4	0	0.00	4	0	0.00									
		Drinking Water	5000.	4	0	0.00	4	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0369

NPS Station ID: ROMO0369
LAT/LON: 40.311948/-105.668337
Agency: 112WRD
Date Created: 01/07/89
Location: EMERALD H
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 401843105400602
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 14.30
On/Off RF1:
RF3 Index: 10190006045101.59
RF3 Mile Point: 1.58
Distance from RF3: 0.10
On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0369

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	PH (STANDARD UNITS)	09/05/89-09/12/91	3	6.77	6.823	7.12	6.58	0.075	0.274	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/05/89-09/12/91	3	6.77	6.771	7.12	6.58	0.079	0.281	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/05/89-09/12/91	3	0.17	0.17	0.263	0.076	0.009	0.094	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	07/14/87-09/12/91	4	0.016	0.026	0.06	0.012	0.001	0.023	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/14/87-09/12/91	4	0.001	0.002	0.006	0.001	0.	0.003	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	07/14/87-09/12/91	4	0.255	0.245	0.27	0.2	0.001	0.031	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/14/87-09/12/91	4	0.2	0.2	0.3	0.1	0.007	0.082	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/14/87-09/12/91	4	0.003	0.015	0.054	0.001	0.001	0.026	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/14/87-09/12/91	4	0.1	0.125	0.2	0.1	0.003	0.05	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/14/87-09/12/91	4	1.	1.	1.	1.	0.	0.	**	**	**	**
71825	ACIDITY, TOTAL (MG/L AS H)	07/14/87-09/12/91	4	0.03	0.028	0.04	0.01	0.	0.013	**	**	**	**
71870	BROMIDE (MG/L AS BR)	07/14/87-09/12/91	4 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
72015	DEPTH TO TOP OF SAMPLE INTERVAL (FT BELOW LSD)	07/14/87-07/14/87	1	16.	16.	16.	16.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0369

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	3	0	0.00	3	0	0.00									
		Other-Lo Lim.	6.5	3	0	0.00	3	0	0.00									
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	4	0	0.00	4	0	0.00									
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	4	0	0.00	4	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	4	0	0.00	4	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	4	0	0.00	4	0	0.00									
		Drinking Water	250.	4	0	0.00	4	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	4	0	0.00	4	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0370

NPS Station ID: ROMO0370
LAT/LON: 40.311948/-105.668337
Agency: 112WRD
Date Created: 01/07/89
Location: EMERALD I
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 401843105400600
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 10.40
On/Off RF1:
RF3 Index: 10190006045300.54
RF3 Mile Point: 0.54
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0370

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00080	COLOR (PLATINUM-COBALT UNITS)	07/15/86-07/15/86	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/15/86-08/17/90	3	6.29	6.227	6.31	6.08	0.016	0.127	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/15/86-08/17/90	3	6.29	6.214	6.31	6.08	0.016	0.128	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/15/86-08/17/90	3	0.513	0.611	0.832	0.49	0.037	0.191	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	07/15/86-09/12/91	5	0.003	0.003	0.006	0.001	0.	0.002	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/15/86-09/12/91	5	0.001	0.001	0.002	0.001	0.	0.001	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	07/15/86-09/12/91	5	0.29	0.298	0.37	0.24	0.003	0.053	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/15/86-09/12/91	5	0.3	0.28	0.3	0.2	0.002	0.045	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/15/86-09/12/91	5	0.004	0.004	0.006	0.002	0.	0.002	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/15/86-09/12/91	5	0.09	0.11	0.2	0.08	0.003	0.051	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/15/86-09/12/91	5	1.	0.96	1.	0.8	0.008	0.089	**	**	**	**
71825	ACIDITY, TOTAL (MG/L AS H)	07/15/86-09/12/91	5	0.02	0.026	0.04	0.02	0.	0.009	**	**	**	**
71870	BROMIDE (MG/L AS BR)	07/15/86-09/12/91	5 ##	0.005	0.006	0.01	0.005	0.	0.002	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0370

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	3	0	0.00	3	0	0.00									
		Other-Lo Lim.	6.5	3	3	1.00	3	3	1.00									
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	5	0	0.00	5	0	0.00									
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	5	0	0.00	5	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	5	0	0.00	5	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	5	0	0.00	5	0	0.00									
		Drinking Water	250.	5	0	0.00	5	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	5	0	0.00	5	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0371

NPS Station ID: ROMO0371
LAT/LON: 40.311948/-105.668337
Agency: 112WRD
Date Created: 01/07/89
Location: EMERALD O
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 401843105400603
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 14.30
On/Off RF1:
RF3 Index: 10190006045101.59
RF3 Mile Point: 1.58
Distance from RF3: 0.10
On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0371

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00061	FLOW, STREAM, INSTANTANEOUS CFS	07/15/86-07/15/86	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/15/86-07/15/86	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/15/86-07/15/86	1	6.31	6.31	6.31	6.31	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/15/86-07/15/86	1	6.31	6.31	6.31	6.31	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/15/86-07/15/86	1	0.49	0.49	0.49	0.49	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	07/15/86-07/13/88	3 ##	0.001	0.003	0.006	0.001	0.	0.003	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/15/86-07/13/88	3	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	07/15/86-07/13/88	3	0.24	0.257	0.3	0.23	0.001	0.038	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/15/86-07/13/88	3	0.2	0.233	0.3	0.2	0.003	0.058	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/15/86-07/13/88	3	0.001	0.003	0.006	0.001	0.	0.003	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/15/86-07/13/88	3	0.1	0.133	0.2	0.1	0.003	0.058	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/15/86-07/13/88	3	1.	0.967	1.	0.9	0.003	0.058	**	**	**	**
71825	ACIDITY, TOTAL (MG/L AS H)	07/15/86-07/13/88	3	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
71870	BROMIDE (MG/L AS BR)	07/15/86-07/13/88	3 ##	0.005	0.007	0.01	0.005	0.	0.003	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0371

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	3	0	0.00	3	0	0.00									
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	3	0	0.00	3	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	3	0	0.00	3	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	3	0	0.00	3	0	0.00									
		Drinking Water	250.	3	0	0.00	3	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	3	0	0.00	3	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0372

NPS Station ID: ROMO0372
LAT/LON: 40.311948/-105.668337
Agency: 112WRD
Date Created: 01/07/89
Location: EMERALD S
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 401843105400601
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 14.30
On/Off RF1:
RF3 Index: 10190006045101.59
RF3 Mile Point: 1.58
Distance from RF3: 0.10
On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0372

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00080	COLOR (PLATINUM-COBALT UNITS)	07/15/86-07/15/86	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/12/91-09/12/91	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/15/86-09/12/91	4	6.505	6.44	6.67	6.08	0.066	0.258	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/15/86-09/12/91	4	6.5	6.377	6.67	6.08	0.072	0.268	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/15/86-09/12/91	4	0.316	0.419	0.832	0.214	0.079	0.282	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	07/15/86-09/12/91	5	0.009	0.009	0.024	0.001	0.	0.009	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/15/86-09/12/91	5	0.002	0.004	0.01	0.002	0.	0.004	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	07/15/86-08/17/90	4	0.25	0.243	0.27	0.2	0.001	0.031	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/15/86-09/12/91	5	0.2	0.22	0.3	0.2	0.002	0.045	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/15/86-09/12/91	5 ##	0.001	0.003	0.007	0.001	0.	0.003	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/15/86-09/12/91	5	0.09	0.106	0.2	0.05	0.003	0.056	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/15/86-09/12/91	5	1.	0.98	1.	0.9	0.002	0.045	**	**	**	**
71825	ACIDITY, TOTAL (MG/L AS H)	07/15/86-08/17/90	4	0.025	0.068	0.2	0.02	0.008	0.088	**	**	**	**
71870	BROMIDE (MG/L AS BR)	07/15/86-09/12/91	5 ##	0.005	0.006	0.01	0.005	0.	0.002	**	**	**	**
72015	DEPTH TO TOP OF SAMPLE INTERVAL (FT BELOW LSD)	07/15/86-07/14/87	2	1.05	1.05	1.6	0.5	0.605	0.778	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0372

Parameter				Total	Exceed	Prop.	6/10-10/31			11/01-4/10			4/11-6/09			n/a		
		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Fresh Chronic	9.	4	0	0.00	4	0	0.00									
		Other-Lo Lim.	6.5	4	2	0.50	4	2	0.50									
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	5	0	0.00	5	0	0.00									
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	4	0	0.00	4	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	5	0	0.00	5	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	5	0	0.00	5	0	0.00									
		Drinking Water	250.	5	0	0.00	5	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	5	0	0.00	5	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0373

NPS Station ID: ROMO0373
LAT/LON: 40.312505/-105.646115
Agency: 112WRD
Date Created: 01/07/89
Location: BEAR LAKE
FIPS State/County: 08013 COLORADO/BOULDER
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 401845105384600
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC:
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 7.80
On/Off RF1:
RF3 Index: 10190006045100.73
RF3 Mile Point: 1.16
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0373

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/17/87-11/10/87	24	2.	9.417	28.	0.	132.428	11.508	0.	2.	24.5	26.5
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/17/87-11/10/87	12	11.5	11.567	18.1	3.	24.941	4.994	3.6	8.625	17.	18.07
00080	COLOR (PLATINUM-COBALT UNITS)	07/17/87-11/10/87	24	3.	4.042	18.	0.5	20.368	4.513	0.75	2.	4.	11.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/17/87-11/10/87	24	21.	21.083	22.	20.	0.428	0.654	20.	21.	21.75	22.
00300	OXYGEN, DISSOLVED MG/L	07/17/87-11/10/87	12	6.55	5.375	9.	0.2	9.28	3.046	0.35	1.95	6.9	8.82
00400	PH (STANDARD UNITS)	07/17/87-11/10/87	12	7.555	7.38	8.16	6.38	0.38	0.617	6.398	6.735	7.908	8.094
00400	CONVERTED PH (STANDARD UNITS)	07/17/87-11/10/87	12	7.554	6.971	8.16	6.38	0.563	0.751	6.398	6.735	7.908	8.094
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/17/87-11/10/87	12	0.028	0.107	0.417	0.007	0.023	0.151	0.008	0.012	0.217	0.401
00403	PH, LAB, STANDARD UNITS SU	07/17/87-11/10/87	24	7.4	7.492	8.5	6.4	0.364	0.604	6.65	7.05	7.975	8.45
00403	CONVERTED PH, LAB, STANDARD UNITS	07/17/87-11/10/87	24	7.4	7.136	8.5	6.4	0.497	0.705	6.65	7.05	7.975	8.45
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/17/87-11/10/87	24	0.04	0.073	0.398	0.003	0.011	0.107	0.004	0.011	0.091	0.262
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	07/17/87-11/10/87	24 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/17/87-11/10/87	24 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/17/87-11/10/87	24	2.	2.008	2.3	1.8	0.023	0.153	1.85	1.9	2.075	2.3
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/17/87-11/10/87	24	0.5	0.533	0.6	0.5	0.002	0.048	0.5	0.5	0.6	0.6
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/17/87-11/10/87	24	1.4	1.375	1.6	1.2	0.018	0.133	1.2	1.225	1.5	1.55
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/17/87-11/10/87	24	0.39	0.383	0.41	0.32	0.001	0.027	0.335	0.363	0.408	0.41
00940	CHLORIDE,TOTAL IN WATER MG/L	07/17/87-11/10/87	24	0.2	0.208	0.3	0.2	0.001	0.028	0.2	0.2	0.2	0.25
00945	SULFATE, TOTAL (MG/L AS SO4)	07/17/87-11/10/87	24	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/17/87-11/10/87	24	0.09	0.087	0.1	0.07	0.	0.009	0.075	0.08	0.09	0.1
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/17/87-11/10/87	24	4.55	4.133	4.8	2.3	0.66	0.812	2.65	3.425	4.6	4.7
01046	IRON, DISSOLVED (UG/L AS FE)	07/17/87-11/10/87	24	220.	251.667	580.	70.	27771.014	166.646	85.	105.	390.	545.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/17/87-11/10/87	24	6.5	19.208	120.	0.5	1121.976	33.496	1.25	3.	15.5	84.
71870	BROMIDE (MG/L AS BR)	07/17/87-11/10/87	24 ##	0.005	0.006	0.01	0.005	0.	0.002	0.005	0.005	0.005	0.01

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0373

				Total	Exceed	Prop.	6/10-10/31			11/01-4/10			4/11-6/09			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	12	3	0.25	11	3	0.27	1	0	0.00						
00400	PH	Fresh Chronic	9.	12	0	0.00	11	0	0.00	1	0	0.00						
		Other-Lo Lim.	6.5	12	2	0.17	11	2	0.18	1	0	0.00						
00403	PH, LAB	Fresh Chronic	9.	24	0	0.00	22	0	0.00	2	0	0.00						
		Other-Lo Lim.	6.5	24	2	0.08	22	2	0.09	2	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: ROMO0373

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	24	0	0.00	22	0	0.00	2	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	24	0	0.00	22	0	0.00	2	0	0.00						
		Drinking Water	250.	24	0	0.00	22	0	0.00	2	0	0.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	24	0	0.00	22	0	0.00	2	0	0.00						
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	24	0	0.00	22	0	0.00	2	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0374

NPS Station ID: ROMO0374 | LAT/LON: 40.313059/-105.729171 | Agency: 12WLS1 | Date Created: 09/03/88
Location: (NO NAME) | | FIPS State/County: 08049 COLORADO/GRAND |
Station Type: /TYPA/AMBNT/LAKE | | STORET Station ID(s): 4E1-019 |
RMI-Indexes: | | Within Park Boundary: Yes |
RMI-Miles: | | |
HUC: 14010001 | Depth of Water: 16 | Aquifer: |
Major Basin: | Elevation: 0 | Water Body Id: |
Minor Basin: | | ECO Region: |
RF1 Index: 14010001 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 14010001111001.51 | RF3 Mile Point: 2.22 | Distance from RF3: 0.00 | On/Off RF3:

Description:
THIS DATA WAS COLLECTED DURING THE WESTERN LAKE SURVEY-PHASE I (WLS-I) AS PART OF EPA'S NATIONAL SURFACE WATER SURVEY, AQUATIC EFFECTS RESEARCH PROGRAM. THE SURVEY DESIGN, METHODS, AND DATA LIMITATIONS ARE DESCRIBED IN:
LANDERS, D.H., ET AL. 1987. CHARACTERISTICS OF LAKES IN THE WESTERN UNITED STATES. VOL. I. POPULATION DESCRIPTIONS AND PHYSICO-CHEMICAL RELATIONSHIPS. EPA/600/4-86/054A. U.S. ENVIRON. PROT. AGENCY, WASHINGTON, D.C. 176 PP.
THE DATA PRESENTED HERE ARE THOSE REPORTED IN LANDERS ET AL. (1987) WITH THE FOLLOWING EXCEPTIONS: (1) UNITS FOR CHEMICAL PARAMETERS ARE TYPICALLY IN MG/L RATHER THAN MICROEQ/L; (2) NO SUBSTITUTED VALUES ARE PROVIDED FOR SUSPECT DATA; (3) TAGS AND FLAGS USED TO IDENTIFY SUSPICIOUS DATA ARE NOT SHOWN; AND (4) CALCULATED OR DERIVED VARIABLES ARE EXCLUDED.

Parameter Inventory for Station: ROMO0374

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/85-10/04/85	1	2.2	2.2	2.2	2.2	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/04/85-10/04/85	1	3.4	3.4	3.4	3.4	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	10/04/85-10/04/85	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/04/85-10/04/85	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00154	SULFATE (AS S) WHOLE WATER, MG/L	10/04/85-10/04/85	1	0.967	0.967	0.967	0.967	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	10/04/85-10/04/85	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/04/85-10/04/85	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/04/85-10/04/85	1	0.158	0.158	0.158	0.158	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	10/04/85-10/04/85	1	55.6	55.6	55.6	55.6	0.	0.	**	**	**	**
00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	10/04/85-10/04/85	1	16.8	16.8	16.8	16.8	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/04/85-10/04/85	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	10/04/85-10/04/85	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00910	CALCIUM (MG/L AS CACO3)	10/04/85-10/04/85	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/04/85-10/04/85	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/04/85-10/04/85	1	0.37	0.37	0.37	0.37	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/04/85-10/04/85	1	0.14	0.14	0.14	0.14	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/04/85-10/04/85	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/04/85-10/04/85	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/04/85-10/04/85	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/04/85-10/04/85	1	13.	13.	13.	13.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	10/04/85-10/04/85	1	20.	20.	20.	20.	0.	0.	**	**	**	**
70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	10/04/85-10/04/85	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: ROMO0374

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/04/85-10/04/85	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
71885	IRON (UG/L AS FE)	10/04/85-10/04/85	1	0.	0.	0.	0.	0.	0.	**	**	**	**
72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	10/04/85-10/04/85	1	11066.8	11066.8	11066.8	11066.8	0.	0.	**	**	**	**
82047	DEPTH TO THE TOP OF THE SAMPLING INTERVAL (METERS)	10/04/85-10/04/85	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/04/85-10/04/85	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0374

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00154	SULFATE (AS S) WHOLE WATER	Drinking Water	250.	1	0	0.00	1	0	0.00									
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0375

NPS Station ID: ROMO0375
LAT/LON: 40.313365/-105.647642
Agency: 11NPSWRD
Date Created: 06/12/99
Location: BEAR LAKE (SOUTH END)
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): ROMO_JR_CAP01
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MCHENRYS PEAK CO 7.5' SERIES (TOPO.) QUADRANGLE. THE SITE IS LOCATED AT BEAR LAKE AT THE SOUTH END NEAR THE SHORE AND IS WITHIN ROCKY MOUNTAIN NATIONAL PARK. THE DATA ARE FROM ANNUAL CAPSHELL SNAIL MONITORING PROGRAM REPORTS BY JOHN RIEBESELL OF THE DEPARTMENT OF NATURAL RESOURCES AT THE UNIVERSITY OF MICHIGAN IN DEARBORN MI. TTHE REPORTS SUMMARIZED POPULATION DATA AND WATER QUALITY CHARACTERISTICS OF THE HABITAT OF CAPSHELL SNAILS; A CANDIDATE FOR LISTING UNDER THE FEDERAL ENDANGERED SPECIES ACT. FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0375

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/11/97-07/11/97	1	19.	19.	19.	19.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: ROMO0376

NPS Station ID: ROMO0376 LAT/LON: 40.313948/-105.806754 Agency: 11NPSWRD Date Created: 07/03/99
Location: TONAHUTU CREEK--UPSTREAM SAMPLE SITE FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): ROMO_BK_KTOR
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 14010001 Depth of Water: 0 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: UPPER COLORADO RIVER ECO Region:
RF1 Index: 14010001 RF1 Mile Point: 0.000 Distance from RF1: 12.40 On/Off RF1:
RF3 Index: 10190007002218.40 RF3 Mile Point: 18.39 Distance from RF3: 0.57 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE GRAND LAKE CO GRAND 7.5' (TOPO.) QUADRANGLE. THE SITE IS AT THE UPSTREAM SAMPLING POINT AT TONAHUTU CREEK AND IS LOCATED IN ROCKY MOUNTAIN NATIONAL PARK. WATER QUALITY AND BENTHIC MACROINVERTEBRATE DATA WERE COLLECTED FOR TWO STREAMS IN THE PARK FOR THE PURPOSE OF ESTABLISHING RELATIONSHIPS BETWEEN THE TWO PARAMETERS THAT WOULD PROVIDE A HOLISTIC ASSESSMENT OF AQUATIC RESOURCES IN THE TWO STREAMS. DATA COLLECTION WAS FOR THE LONG-TERM ECOLOGICAL MONITORING SYSTEM (EMS) AND WAS CONDUCTED BY BORIS KONDRATIEFF OF THE ENTOMOLOGY DEPARTMENT AT COLORADO STATE UNIVERSITY IN FORT COLLINS CO 80525 (TEL. 970-491-7314). FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0376

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/06/88-10/08/88	7	7.	7.	10.	4.	6.333	2.517	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/06/88-10/08/88	7	8.4	8.286	8.8	7.6	0.188	0.434	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/20/88-10/08/88	5	111.	102.2	122.	64.	501.7	22.399	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	07/06/88-10/08/88	7 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00629	NITROGEN, ORGANIC KJELDAHL, TOTAL (MG/L AS N)	07/06/88-10/08/88	7 ##	0.	0.286	2.	0.	0.571	0.756	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/06/88-10/08/88	7 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	07/06/88-10/08/88	7	2.1	1.814	2.6	1.2	0.298	0.546	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/06/88-10/08/88	7	5.	5.143	6.	4.	0.81	0.9	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0376

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	7	0	0.00	7	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: ROMO0376

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	5	5	1.00	5	5	1.00									
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	7	0	0.00	7	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0377

NPS Station ID: ROMO0377 LAT/LON: 40.313948/-105.806754 Agency: 11NPSWRD Date Created: 07/03/99
Location: TONAHUTU CREEK--UPSTREAM SAMPLING SITE FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): ROMO_SH_HTOR
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 14010001 Depth of Water: 0 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: UPPER COLORADO RIVER ECO Region:
RF1 Index: 14010001 RF1 Mile Point: 0.000 Distance from RF1: 12.40 On/Off RF1:
RF3 Index: 10190007002218.40 RF3 Mile Point: 18.39 Distance from RF3: 0.57 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE GRAND LAKE CO GRAND 7.5' SERIES (TOPO.) QUADRANGLE. THE SITE IS AT THE UPSTREAM SAMPLING POINT AT TONAHUTU CREEK AND IS LOCATED IN ROCKY MOUNTAIN NATIONAL PARK. THE DATA WERE COLLECTED BY SUSAN HOFFMEISTER OF COLORADO STATE UNIVERSITY IN FORT COLLINS CO AS PART OF THE LONG-TERM ECOLOGICAL MONITORING SYSTEM (EMS) DESIGNED TO ESTABLISH AND MONITOR RELATIONSHIPS BETWEEN WATER QUALITY AND BENTHIC MACROINVERTEBRATE COMMUNITIES IN TWO STREAMS IN ROCKY MOUNTAIN NATIONAL PARK. FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0377

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00300	OXYGEN, DISSOLVED MG/L	08/02/95-08/02/95	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00402	SPECIFIC CONDUCTANCE,NON-TEMPERATURE CORR.UMHOS/CM	08/02/95-08/02/95	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/02/95-08/02/95	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/02/95-08/02/95	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/02/95-08/02/95	1	0.251	0.251	0.251	0.251	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	08/02/95-08/02/95	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/02/95-08/02/95	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00629	NITROGEN, ORGANIC KJELDAHL, TOTAL (MG/L AS N)	08/02/95-08/02/95	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/02/95-08/02/95	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/02/95-08/02/95	1	4.	4.	4.	4.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0377

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00	1	0	0.00									
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: ROMO0377

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0378

NPS Station ID: ROMO0378 | LAT/LON: 40.313977/-105.616226 | Agency: 11NPSWRD | Date Created: 07/03/99
Location: BOULDER BROOK AT 9000 FT.. | FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): ROMO_NJ_BB5
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006 | Depth of Water: 0 | Aquifer:
Major Basin: MISSOURI RIVER | Elevation: 0 | Water Body Id:
Minor Basin: SOUTH PLATTE RIVER | ECO Region:
RF1 Index: 10190006 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE LONGS PEAK CO. 7.5' (TOPOGRAPHICAL) SERIES QUADRANGLE. THE SITE IS AT BOULDER BROOK AT 9000 FEET ELEVATION AND IS LOCATED IN ROCKY MOUNTAIN NATIONAL PARK. THE DATA WERE COLLECTED BY NANCY JACOBSON TO CONTINUE THE BASELINE WATER QUALITY MONITORING PROGRAMS FOR THE BIG THOMPSON AND FALL RIVERS; AND TO ASSESS PRESENT HUMAN IMPACTS TO BIOLOGICAL PARAMETERS OF WATER QUALITY IN BOULDER BROOK. ONLY TEMPERATURE AND BACTERIOLOGICAL RESULTS WERE AVAILABLE AT THE TIME OF REPORT WRITING. FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0378

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/03/81-08/24/82	14	8.	7.607	9.5	3.	2.968	1.723	4.5	6.75	9.	9.5
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	08/03/81-08/24/82	13	21.	21.846	56.	1.	293.808	17.141	1.8	6.5	32.	51.6
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	08/03/81-08/24/82	13	1.322	1.133	1.748	0.	0.28	0.529	0.191	0.739	1.504	1.71
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			13.573								
61214	FECAL STREPTOCOCCI, GENERAL #/100ML	08/03/81-08/16/82	12	50.5	87.667	415.	2.	13494.061	116.164	4.4	23.75	135.	341.5
61215	FECAL COLIFORM, GENERAL #/100ML	08/03/81-08/24/82	13	1.	4.385	25.	0.	58.423	7.643	0.	0.	6.5	21.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0378

				Total	Exceed	Prop.	6/10-10/31			11/01-4/10			4/11-6/09			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	13	0	0.00	10	0	0.00				3	0	0.00			
61215	FECAL COLIFORM, GENERAL #/100ML	Other-Hi	Lim.	200.			13	0		0.00	1	0		0	0	.00		

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0379

NPS Station ID: ROMO0379
LAT/LON: 40.314226/-105.806588
Agency: 11NPSWRD
Date Created: 03/27/99
Location: TONAHUTU CREEK-NORTH
FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_COOPER_1
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14010001
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 9420
Water Body Id:
Minor Basin: UPPER COLORADO RIVER
ECO Region:
RF1 Index: 14010001
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
THE SITE IS LOCATED ON THE GRAND LAKE; CO 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT TONAHUTU CREEK IN THE BIG MEADOWS-GREEN MOUNTAIN TRAIL POND WETLAND COMPLEX INSIDE ROCKY MOUNTAIN NATIONAL PARK. DATA WERE COLLECTED AS PART OF THE 1990 REPORT "ECOLOGY OF WETLANDS IN BIG MEADOWS; ROCKY MOUNTAIN NATIONAL PARK; COLORADO" BY DAVID J. COOPER OF THE DEPARTMENT OF ENVIRONMENTAL SCIENCES AT COLORADO SCHOOL OF MINES; GOLDEN CO 80401. FOR MORE INFORMATION CONTACT RESOURCE MANAGEMENT AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517-8379. TEL. 970-586-1206. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADAM HENSON; NATIONAL PARK SERVICE-WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE; FORT COLLINS COLORADO 80525. TEL. 970-225-3516. FAX. 970-225-9965.

Parameter Inventory for Station: ROMO0379

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/14/88-11/08/88	12	13.5	14.	21.	11.	7.091	2.663	11.3	12.	15.	19.5
00400	PH (STANDARD UNITS)	06/14/88-11/08/88	12	7.2	7.	7.5	6.1	0.202	0.449	6.22	6.6	7.375	7.47
00400	CONVERTED PH (STANDARD UNITS)	06/14/88-11/08/88	12	7.2	6.762	7.5	6.1	0.264	0.514	6.22	6.6	7.375	7.47
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/14/88-11/08/88	12	0.063	0.173	0.794	0.032	0.048	0.22	0.034	0.042	0.251	0.651
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/14/88-11/08/88	12	5.	5.417	10.	4.	2.447	1.564	4.	5.	5.75	8.8
00440	BICARBONATE ION (MG/L AS HCO3)	06/14/88-11/08/88	12	6.	6.5	12.	4.	3.727	1.931	4.3	6.	7.	10.5
00445	CARBONATE ION (MG/L AS CO3)	06/14/88-11/08/88	12 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	06/14/88-11/08/88	12	0.045	0.1	0.26	0.005	0.011	0.103	0.005	0.009	0.223	0.257
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	06/14/88-11/08/88	12 ##	0.05	0.048	0.05	0.02	0.	0.009	0.029	0.05	0.05	0.05
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/14/88-11/08/88	12	2.1	3.475	10.8	1.7	7.326	2.707	1.73	1.8	5.075	9.12
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	06/14/88-11/08/88	12	2.1	3.458	10.8	1.6	7.39	2.718	1.63	1.8	5.075	9.12
00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/14/88-11/08/88	12	4.5	4.75	8.	4.	1.295	1.138	4.	4.	5.	7.1
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/14/88-11/08/88	12	1.35	1.342	1.9	1.1	0.048	0.219	1.1	1.2	1.4	1.78
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/14/88-11/08/88	12	0.3	0.333	0.7	0.3	0.013	0.115	0.3	0.3	0.3	0.58
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/14/88-11/08/88	12	0.99	1.025	2.11	0.29	0.171	0.414	0.455	0.85	1.123	1.84
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/14/88-11/08/88	12 ##	0.05	0.077	0.2	0.05	0.002	0.047	0.05	0.05	0.1	0.176
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/14/88-11/08/88	12	0.1	0.116	0.2	0.005	0.003	0.057	0.031	0.1	0.175	0.2
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/14/88-11/08/88	12	1.25	1.317	1.6	1.	0.069	0.262	1.	1.1	1.6	1.6
01005	BARIUM, DISSOLVED (UG/L AS BA)	06/14/88-11/08/88	12 ##	0.005	0.005	0.01	0.005	0.	0.001	0.005	0.005	0.005	0.009
01020	BORON, DISSOLVED (UG/L AS B)	06/14/88-11/08/88	12 ##	0.005	0.006	0.01	0.005	0.	0.002	0.005	0.005	0.005	0.01
01025	CADMIUM, DISSOLVED (UG/L AS CD)	06/14/88-11/08/88	12 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	06/14/88-11/08/88	12 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
01040	COPPER, DISSOLVED (UG/L AS CU)	06/14/88-11/08/88	12 ##	0.005	0.008	0.02	0.005	0.	0.005	0.005	0.005	0.01	0.017
01046	IRON, DISSOLVED (UG/L AS FE)	06/14/88-11/08/88	12	0.02	0.038	0.2	0.01	0.003	0.053	0.01	0.01	0.04	0.155

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: ROMO0379

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01049	LEAD, DISSOLVED (UG/L AS PB)	06/14/88-11/08/88	12 ##	0.025	0.025	0.025	0.025	0.	0.	0.025	0.025	0.025	0.025
01056	MANGANESE, DISSOLVED (UG/L AS MN)	06/14/88-11/08/88	12 ##	0.005	0.006	0.02	0.005	0.	0.004	0.005	0.005	0.005	0.016
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	06/14/88-11/08/88	12 ##	0.005	0.005	0.01	0.005	0.	0.001	0.005	0.005	0.005	0.009
01065	NICKEL, DISSOLVED (UG/L AS NI)	06/14/88-11/08/88	12 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	06/14/88-11/08/88	12 ##	0.005	0.007	0.01	0.005	0.	0.003	0.005	0.005	0.01	0.01
01090	ZINC, DISSOLVED (UG/L AS ZN)	06/14/88-11/08/88	12 ##	0.005	0.005	0.01	0.005	0.	0.001	0.005	0.005	0.005	0.009
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	06/14/88-11/08/88	12 ##	0.05	0.051	0.1	0.01	0.	0.019	0.022	0.05	0.05	0.085
71830	HYDROXIDE ION (MG/L AS OH)	06/14/88-11/08/88	12 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0379

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	12	0	0.00	9	0	0.00	3	0	0.00						
		Other-Lo Lim.	6.5	12	2	0.17	9	2	0.22	3	0	0.00						
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	12	0	0.00	9	0	0.00	3	0	0.00						
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	12	0	0.00	9	0	0.00	3	0	0.00						
		Drinking Water	250.	12	0	0.00	9	0	0.00	3	0	0.00						
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	12	0	0.00	9	0	0.00	3	0	0.00						
01005	BARIUM, DISSOLVED	Drinking Water	2000.	12	0	0.00	9	0	0.00	3	0	0.00						
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	12	0	0.00	9	0	0.00	3	0	0.00						
		Drinking Water	5.	12	0	0.00	9	0	0.00	3	0	0.00						
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	12	0	0.00	9	0	0.00	3	0	0.00						
01040	COPPER, DISSOLVED	Fresh Acute	18.	12	0	0.00	9	0	0.00	3	0	0.00						
		Drinking Water	1300.	12	0	0.00	9	0	0.00	3	0	0.00						
01049	LEAD, DISSOLVED	Fresh Acute	82.	12	0	0.00	9	0	0.00	3	0	0.00						
		Drinking Water	15.	12	0	0.00	9	0	0.00	3	0	0.00						
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	12	0	0.00	9	0	0.00	3	0	0.00						
		Drinking Water	100.	12	0	0.00	9	0	0.00	3	0	0.00						
01090	ZINC, DISSOLVED	Fresh Acute	120.	12	0	0.00	9	0	0.00	3	0	0.00						
		Drinking Water	5000.	12	0	0.00	9	0	0.00	3	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0380

NPS Station ID: ROMO0380 LAT/LON: 40.315698/-105.691559 Agency: 11NPSWRD Date Created: 07/03/99
Location: UPPER POND BELOW NOTCH MTN--FERN CREEK FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): ROMO_BG_UPOND
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI RIVER Elevation: 0 Water Body Id:
Minor Basin: SOUTH PLATTE RIVER ECO Region:
RF1 Index: 10190006 RF1 Mile Point: 0.000 Distance from RF1: 12.40 On/Off RF1:
RF3 Index: 10190007002218.40 RF3 Mile Point: 18.39 Distance from RF3: 0.57 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MCHENRYS PEAK CO 7.5' (TOPO.) SERIES QUAD. THE SITE IS AT THE UPPER POND BELOW NOTCH MOUNTAIN ON FERN CREEK AND IS LOCATED IN ROCKY MOUNTAIN NATIONAL PARK. THE DATA WERE COLLECTED WITH SAMPLES OF ALGAE; PLANKTON; AND MACROINVERTEBRATES TO CORRELATE GENERAL WATER QUALITY CHARACTERISTICS WITH BIOLOGICAL ACTIVITY IN TWO ALPINE PONDS. BRUCE GRAY OF THE DEPARTMENT OF RANGE SCIENCE AT COLORADO STATE UNIVERSITY IN FORT COLLINS CO CONDUCTED THE STUDY. FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0380

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00300	OXYGEN, DISSOLVED MG/L	06/30/79-10/13/79	9	9.	8.444	9.	7.	0.528	0.726	7.	8.	9.	9.
00405	CARBON DIOXIDE (MG/L AS CO2)	06/30/79-10/13/79	9	5.	3.222	5.	1.	4.444	2.108	1.	1.	5.	5.
00406	PH, FIELD, STANDARD UNITS SU	06/30/79-10/13/79	9	6.2	6.261	7.	6.	0.101	0.318	6.	6.	6.375	7.
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/30/79-10/13/79	9	6.2	6.186	7.	6.	0.108	0.328	6.	6.	6.375	7.
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/30/79-10/13/79	9	0.631	0.652	1.	0.1	0.102	0.32	0.1	0.422	1.	1.
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/30/79-10/13/79	9	7.	7.	7.	7.	0.	0.	7.	7.	7.	7.
00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/30/79-10/13/79	9	17.	24.778	53.	17.	166.194	12.892	17.	17.	34.	53.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0380

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	9	0	0.00	9	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	9	0	0.00	9	0	0.00									
		Other-Lo Lim.	6.5	9	8	0.89	9	8	0.89									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0381

NPS Station ID: ROMO0381 | LAT/LON: 40.315726/-105.615227 | Agency: 11NPSWRD | Date Created: 08/21/99
Location: Boulder Brook Gage | FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): ROMO_JS_BOULD
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006 | Depth of Water: 0 | Aquifer:
Major Basin: MISSOURI RIVER | Elevation: 2682 | Water Body Id:
Minor Basin: SOUTH PLATTE RIVER | ECO Region:
RF1 Index: 10190006 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
The station is located on the Longs Peak CO 7.5' (topographic) series quadrangle in Rocky Mountain National Park. The station is located at the gage in Boulder Brook along the Boulder Creek Trail south of Bear Lake Rd. The data originated from a University of Colorado dissertation entitled "Isotopic and Chemical Flowpath Separation of Streamflow During Snowmelt and Hydrogeological Controls of Surface-Water Chemistry in Six Alpine-Subalpine Basins; Rocky Mountain National Park; Colorado" 1996 by Julie K. Sueker. Sueker also contributed other data that weren't included in her dissertation. For more information about the data; contact Julie K. Sueker; Exponent Environmental Group; 4940 Pearl East Circle Ste. 300; Boulder CO 80301 (Tel. 970-444-7270). For information on the park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 97 -586-1206). Data were uploaded to STORET by Margaret Matter; NPS-WRD; 1201 Oak Ridge Dr. Ste. 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0381

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/17/93-10/11/95	393	19.	18.734	24.	7.5	4.056	2.014	17.	18.	20.	21.
00403	PH, LAB, STANDARD UNITS SU	02/17/93-10/11/95	393	7.2	7.147	7.4	6.7	0.017	0.132	7.	7.	7.2	7.3
00403	CONVERTED PH, LAB, STANDARD UNITS	02/17/93-10/11/95	393	7.2	7.127	7.4	6.7	0.018	0.134	7.	7.	7.2	7.3
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/17/93-10/11/95	393	0.063	0.075	0.2	0.04	0.001	0.024	0.05	0.063	0.1	0.1
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	02/17/93-10/11/95	393	146.4	144.009	172.8	87.4	251.096	15.846	123.04	132.1	156.05	163.72
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	04/20/95-08/21/95	6	3.05	3.633	8.7	1.5	7.127	2.67	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	02/17/93-10/11/95	265	0.2	0.171	0.4	0.	0.005	0.07	0.1	0.1	0.2	0.3
00946	SULFATE, DISSOLVED (MG/L AS SO4)	02/17/93-10/11/95	265	1.3	1.419	2.9	0.	0.102	0.32	1.2	1.2	1.6	1.9
00955	SILICA, DISSOLVED (MG/L AS SI02)	02/17/93-10/11/95	265	9.8	9.998	13.5	6.9	2.185	1.478	8.3	9.	10.7	12.4
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	04/20/95-10/11/95	21	0.2	0.233	0.3	0.2	0.002	0.048	0.2	0.2	0.3	0.3
46552	CALCIUM,FIELD ACIDIFIED W/HNO3 LAB FILTER(MG/L)	02/17/93-11/01/94	244	1.56	1.583	1.98	1.31	0.028	0.168	1.39	1.44	1.69	1.87
46554	MAGNESIUM,FIELD ACIDIFIED-HNO3-LAB FILT(MG/L-MG)	02/17/93-11/01/94	244	0.38	0.381	0.5	0.32	0.002	0.042	0.33	0.34	0.41	0.44
46555	POTASSIUM,FIELD ACIDIFIED-HNO3-LAB FILT.(MG/L-K))	02/17/93-11/01/94	244	0.31	0.302	0.66	0.05	0.008	0.088	0.19	0.23	0.35	0.42
46556	SODIUM, FIELD ACIDIFIED W/HNO3, LAB FILTERED MG/L	02/17/93-11/01/94	243	1.83	1.868	2.54	1.46	0.031	0.177	1.66	1.74	1.99	2.1
50790	OXYGEN-18, (DELTA UNITS - PARTS PER THOUSAND)	04/03/93-09/09/93	34	-15.69	-16.019	-14.87	-17.97	1.031	1.015	-14.9	-15.21	-17.1	-17.585
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	04/20/95-10/11/95	21 ##	0.	0.007	0.03	0.	0.	0.01	0.	0.	0.01	0.028
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	02/17/93-10/11/95	265	0.04	0.078	0.6	0.	0.012	0.109	0.	0.	0.1	0.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0381

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	393	0	0.00	214	0	0.00	22	0	0.00	157	0	0.00			
		Other-Lo Lim.	6.5	393	0	0.00	214	0	0.00	22	0	0.00	157	0	0.00			
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	393	393	1.00	214	214	1.00	22	22	1.00	157	157	1.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	265	0	0.00	132	0	0.00	22	0	0.00	111	0	0.00			
		Drinking Water	250.	265	0	0.00	132	0	0.00	22	0	0.00	111	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	265	0	0.00	132	0	0.00	22	0	0.00	111	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	265	0	0.00	132	0	0.00	22	0	0.00	111	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0382

NPS Station ID: ROMO0382
LAT/LON: 40.315753/-105.691171
Agency: 11NPSWRD
Date Created: 08/21/99
Location: Fern Creek Tarn Outlet
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_JS_FCTARN
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 3341
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the McHenrys Peak CO 7.5' (topographic) series quadrangle in Rocky Mountain National Park. The station is located in the Tarn outlet near the headwaters of Fern Creek just south of Notchtop Mtn. The data originated from a University of Colorado dissertation entitled "Isotopic and Chemical Flowpath Separation of Streamflow During Snowmelt and Hydrogeological Controls of Surface-Water Chemistry in Six Alpine-Subalpine Basins; Rocky Mountain National Park; Colorado" 1996 by Julie K. Sueker. Sueker also contributed other data that weren't included in her dissertation. For more information about the data; contact Julie K. Sueker; Exponent Environmental Group; 4940 Pearl East Circle Ste. 300; Boulder CO 80301 (Tel. 970-444-7270). For information on the park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 97 -586-1206). Data were uploaded to STORET by Margaret Matter; NPS-WRD; 1201 Oak Ridge Dr. Ste. 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0382

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/06/94-08/17/95	4	4.5	4.5	5.	4.	0.333	0.577	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/06/94-08/17/95	4	6.2	6.175	6.2	6.1	0.003	0.05	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/06/94-08/17/95	4	6.2	6.173	6.2	6.1	0.003	0.05	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/06/94-08/17/95	4	0.631	0.672	0.794	0.631	0.007	0.082	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/06/94-08/17/95	4	18.7	20.9	40.1	6.1	239.68	15.482	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/06/94-08/17/95	4	0.07	0.065	0.09	0.03	0.001	0.026	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/06/94-08/17/95	4	0.35	0.375	0.5	0.3	0.009	0.096	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/06/94-08/17/95	4	0.9	0.875	1.	0.7	0.016	0.126	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/17/95-08/17/95	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
46552	CALCIUM,FIELD ACIDIFIED W/HNO3 LAB FILTER(MG/L)	07/06/94-08/17/94	3	0.45	0.46	0.5	0.43	0.001	0.036	**	**	**	**
46554	MAGNESIUM,FIELD ACIDIFIED-HNO3-LAB FILT(MG/L-MG)	07/06/94-08/17/94	3	0.07	0.07	0.08	0.06	0.	0.01	**	**	**	**
46555	POTASSIUM,FIELD ACIDIFIED-HNO3-LAB FILT.(MG/L-K))	07/06/94-08/17/94	3	0.04	0.047	0.08	0.02	0.001	0.031	**	**	**	**
46556	SODIUM, FIELD ACIDIFIED W/HNO3, LAB FILTERED MG/L	07/06/94-08/17/94	3	0.13	0.133	0.15	0.12	0.	0.015	**	**	**	**
50790	OXYGEN-18, (DELTA UNITS - PARTS PER THOUSAND)	07/06/94-08/17/94	3	-17.6	-18.083	-17.57	-19.08	0.745	0.863	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	08/17/95-08/17/95	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/06/94-08/17/95	4	0.85	0.85	0.9	0.8	0.003	0.058	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0382

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	4	0	0.00	4	0	0.00									
		Other-Lo Lim.	6.5	4	4	1.00	4	4	1.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	4	4	1.00	4	4	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	4	0	0.00	4	0	0.00									
		Drinking Water	250.	4	0	0.00	4	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	4	0	0.00	4	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	4	0	0.00	4	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0383

NPS Station ID: ROMO0383 | LAT/LON: 40.315809/-105.615310 | Agency: 11NPSWRD | Date Created: 06/18/99
Location: 105410/C04079 | FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): ROMO_NURE_203 /1073824 /1118302
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006 | Depth of Water: 0 | Aquifer:
Major Basin: MISSOURI RIVER | Elevation: 0 | Water Body Id:
Minor Basin: SOUTH PLATTE RIVER | ECO Region:
RF1 Index: 10190006 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE LONGS PEAK CO 7.5' SERIES (TOPOGRAPHIC) QUAD. THE SITE IS AT A STREAM WITHIN ROCKY MOUNTAIN NATIONAL PARK (ROMO). EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN ONE WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE U.S. GEOLOGICAL SURVEY "NATIONAL GEOCHEMICAL DATA BASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND KIM BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. "UNIQID" ENTRIES WERE USED TO CREATE THE SECONDARY STATION NAMES. "LASLID" ENTRIES WERE USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LABORATORY. FOR MORE INFORMATION ABOUT THE PARK CONTACT NATURAL RESOURCES AT ROMO; ESTES PARK; CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AT NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS; CO 80525 (TEL. 970-225-3556).

Parameter Inventory for Station: ROMO0383

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/23/76-09/23/76	1	9.5	9.5	9.5	9.5	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/23/76-09/23/76	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/23/76-09/23/76	1	6.1	6.1	6.1	6.1	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/23/76-09/23/76	1	6.1	6.1	6.1	6.1	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/23/76-09/23/76	1	0.794	0.794	0.794	0.794	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/23/76-09/23/76	1	1.39	1.39	1.39	1.39	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0383

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0384

NPS Station ID: ROMO0384
LAT/LON: 40.315837/-105.615282
Agency: 112WRD
Date Created: 11/07/81
Location: BOULDER BROOK NEAR ESTES PARK, CO.
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 06731800
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 10190006013
RF1 Mile Point: 7.200
Distance from RF1: 8.00
On/Off RF1: OFF
RF3 Index: 10190007063100.00
RF3 Mile Point: 10.43
Distance from RF3: 0.06
On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0384

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/24/68-10/16/70	18	3.75	4.611	10.	0.	15.046	3.879	0.	0.875	9.125	9.55

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: ROMO0385

NPS Station ID: ROMO0385 LAT/LON: 40.316781/-105.690892 Agency: 11NPSWRD Date Created: 07/03/99
Location: LOWER POND BELOW NOTCH MTN--FERN CREEK FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): ROMO_BG_LPOND
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI RIVER Elevation: 0 Water Body Id:
Minor Basin: SOUTH PLATTE RIVER ECO Region:
RF1 Index: 10190006 RF1 Mile Point: 0.000 Distance from RF1: 12.40 On/Off RF1:
RF3 Index: 10190007002218.40 RF3 Mile Point: 18.39 Distance from RF3: 0.57 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MCHENRYS PEAK CO 7.5' (TOPO.) SERIES QUADRANGLE. THE SITE IS AT THE LOWER POND BELOW NOTCH MOUNTAIN ON FERN CREEK. THE DATA WERE COLLECTED WITH SAMPLES OF MACROINVERTEBRATES; PLANKTON; AND ALGAE TO CORRELATE GENERAL WATER QUALITY CHARACTERISTICS WITH BIOLOGICAL ACTIVITY IN TWO ALPINE PONDS. BRUCE GRAY OF THE DEPARTMENT RANGE SCIENCE AT COLORADO STATE UNIVERSITY IN FORT COLLINS CO CONDUCTED THE STUDY. FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0385

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00300	OXYGEN, DISSOLVED MG/L	06/30/79-10/13/79	9	8.	8.	9.	7.	0.25	0.5	7.	8.	8.	9.
00405	CARBON DIOXIDE (MG/L AS CO2)	06/30/79-10/13/79	9	5.	3.222	5.	1.	4.444	2.108	1.	1.	5.	5.
00406	PH, FIELD, STANDARD UNITS SU	06/30/79-10/13/79	9	6.2	6.189	6.5	6.	0.039	0.196	6.	6.	6.35	6.5
00406	CONVERTED PH, FIELD, STANDARD UNITS	06/30/79-10/13/79	9	6.2	6.152	6.5	6.	0.04	0.2	6.	6.	6.35	6.5
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/30/79-10/13/79	9	0.631	0.705	1.	0.316	0.085	0.292	0.316	0.45	1.	1.
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/30/79-10/13/79	9	7.	7.	7.	7.	0.	0.	7.	7.	7.	7.
00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/30/79-10/13/79	9	17.	24.778	53.	17.	166.194	12.892	17.	17.	34.	53.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0385

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	9	0	0.00	9	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	9	0	0.00	9	0	0.00									
		Other-Lo Lim.	6.5	9	9	1.00	9	9	1.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0386

NPS Station ID: ROMO0386
LAT/LON: 40.316949/-105.690837
Agency: 11NPSWRD
Date Created: 08/21/99
Location: Fern Creek First Pond below Tarn
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_JS_FCPOND
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 3320
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the McHenrys Peak CO 7.5' (topographic) series quadrangle in Rocky Mountain National Park. The station is located in Fern Creek in the first pond below the Tarn southeast of Notchtop Mtn. The data originated from a University of Colorado dissertation entitled "Isotopic and Chemical Flowpath Separation of Streamflow During Snowmelt and Hydrogeological Controls of Surface-Water Chemistry in Six Alpine-Subalpine Basins; Rocky Mountain National Park; Colorado" 1996 by Julie K. Sueker. Sueker also contributed other data that weren't included in her dissertation. For more information about the data; contact Julie K. Sueker; Exponent Environmental Group; 4940 Pearl East Circle Ste. 300; Boulder CO 80301 (Tel. 970-444-7270). For information on the park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 97 -586-1206). Data were uploaded to STORET by Margaret Matter; NPS-WRD; 1201 Oak Ridge Dr. Ste. 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0386

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/17/95-08/17/95	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/17/95-08/17/95	1	6.3	6.3	6.3	6.3	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/17/95-08/17/95	1	6.3	6.3	6.3	6.3	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/17/95-08/17/95	1	0.501	0.501	0.501	0.501	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	08/17/95-08/17/95	1	13.6	13.6	13.6	13.6	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/17/95-08/17/95	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/17/95-08/17/95	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/17/95-08/17/95	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/17/95-08/17/95	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	08/17/95-08/17/95	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/17/95-08/17/95	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0386

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0387

NPS Station ID: ROMO0387
LAT/LON: 40.317003/-105.806615
Agency: 11NPSWRD
Date Created: 03/27/99
Location: UNNAMED NORTHERN TRIBUTARY
FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_COOPER_3
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14010001
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 9430
Water Body Id:
Minor Basin: UPPER COLORADO RIVER
ECO Region:
RF1 Index: 14010001
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
THE SITE IS LOCATED ON THE GRAND LAKE; CO 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT AN UNNAMED TRIBUTARY IN THE BIG MEADOWS-GREEN MOUNTAIN TRAIL POND WETLAND COMPLEX INSIDE ROCKY MOUNTAIN NATIONAL PARK. DATA WERE COLLECTED AS PART OF THE 1990 REPORT "ECOLOGY OF WETLANDS IN BIG MEADOWS; ROCKY MOUNTAIN NATIONAL PARK; COLORADO" BY DAVID J. COOPER OF THE DEPARTMENT OF ENVIRONMENTAL SCIENCES AT COLORADO SCHOOL OF MINES; GOLDEN CO 80401. FOR MORE INFORMATION CONTACT RESOURCE MANAGEMENT AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517-8379. TEL. 970-586-1206. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADAM HENSON; NATIONAL PARK SERVICE-WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE; FORT COLLINS COLORADO 80525. TEL. 970-225-3516. FAX. 970-225-9965.

Parameter Inventory for Station: ROMO0387

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/14/88-10/11/88	8	25.5	26.	32.	21.	21.143	4.598	**	**	**	**
00400	PH (STANDARD UNITS)	06/14/88-10/11/88	8	7.	6.95	7.2	6.6	0.057	0.239	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/14/88-10/11/88	8	7.	6.889	7.2	6.6	0.061	0.248	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/14/88-10/11/88	8	0.1	0.129	0.251	0.063	0.006	0.078	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/14/88-10/11/88	8	10.	11.625	15.	9.	6.554	2.56	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	06/14/88-10/11/88	8	12.5	14.125	18.	11.	8.982	2.997	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	06/14/88-10/11/88	8 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	06/14/88-10/11/88	8 ##	0.005	0.016	0.05	0.005	0.	0.021	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	06/14/88-10/11/88	8 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	06/14/88-08/03/88	7	10.1	9.186	10.8	7.3	2.571	1.604	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	06/14/88-08/03/88	7	9.8	8.914	10.8	6.8	2.881	1.697	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/14/88-10/11/88	8	9.	9.25	12.	7.	4.214	2.053	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/14/88-10/11/88	8	2.1	2.2	2.9	1.7	0.226	0.475	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/14/88-10/11/88	8	0.8	0.863	1.2	0.6	0.063	0.25	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/14/88-10/11/88	8	2.06	2.043	2.33	1.64	0.05	0.224	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/14/88-10/11/88	8 ##	0.05	0.069	0.2	0.05	0.003	0.053	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	06/14/88-10/11/88	8	0.1	0.155	0.6	0.04	0.035	0.187	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	06/14/88-10/11/88	8	1.15	1.175	2.7	0.6	0.448	0.669	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	06/14/88-10/11/88	8 ##	0.005	0.008	0.02	0.005	0.	0.005	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	06/14/88-10/11/88	8 ##	0.008	0.008	0.01	0.005	0.	0.003	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	06/14/88-10/11/88	8 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	06/14/88-10/11/88	8 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	06/14/88-10/11/88	8 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	06/14/88-10/11/88	8	0.2	0.2	0.3	0.1	0.006	0.076	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: ROMO0387

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01049	LEAD, DISSOLVED (UG/L AS PB)	06/14/88-10/11/88	8 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	06/14/88-10/11/88	8 ##	0.008	0.009	0.02	0.005	0.	0.005	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	06/14/88-10/11/88	8 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	06/14/88-10/11/88	8 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	06/14/88-10/11/88	8	0.015	0.015	0.02	0.01	0.	0.005	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	06/14/88-10/11/88	8 ##	0.008	0.009	0.02	0.005	0.	0.005	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	06/14/88-10/11/88	8 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
71830	HYDROXIDE ION (MG/L AS OH)	06/14/88-10/11/88	8 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0387

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	8	0	0.00	8	0	0.00									
		Other-Lo Lim.	6.5	8	0	0.00	8	0	0.00									
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	8	0	0.00	8	0	0.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	8	0	0.00	8	0	0.00									
		Drinking Water	250.	8	0	0.00	8	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	8	0	0.00	8	0	0.00									
01005	BARIUM, DISSOLVED	Drinking Water	2000.	8	0	0.00	8	0	0.00									
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	8	0	0.00	8	0	0.00									
		Drinking Water	5.	8	0	0.00	8	0	0.00									
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	8	0	0.00	8	0	0.00									
01040	COPPER, DISSOLVED	Fresh Acute	18.	8	0	0.00	8	0	0.00									
		Drinking Water	1300.	8	0	0.00	8	0	0.00									
01049	LEAD, DISSOLVED	Fresh Acute	82.	8	0	0.00	8	0	0.00									
		Drinking Water	15.	8	0	0.00	8	0	0.00									
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	8	0	0.00	8	0	0.00									
		Drinking Water	100.	8	0	0.00	8	0	0.00									
01090	ZINC, DISSOLVED	Fresh Acute	120.	8	0	0.00	8	0	0.00									
		Drinking Water	5000.	8	0	0.00	8	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0388

NPS Station ID: ROMO0388 LAT/LON: 40.318059/-105.845003 Agency: 11EPALES Date Created: / /
Location: ONAHU CREEK FIPS State/County: 08000 COLORADO/
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 0813E1
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 14010001 Depth of Water: 0 Aquifer:
Major Basin: T/SHADOW MOUNTAIN LAKE Elevation: 0 Water Body Id:
Minor Basin: TRAIL RDG RD XING 4.5 M FRM ROCKY MTN PK ECO Region:
RF1 Index: 14010001049 RF1 Mile Point: 8.180 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 14010001032200.00 RF3 Mile Point: 1.46 Distance from RF3: 0.02 On/Off RF3:
Description:
AT TRAIL RIDGE ROAD CROSSING ABOUT 4.5 MI N OF GRAND LAKE ENTRANCE TO ROCKY MTN NAT'L PARK SEC 12 T4N R76W

Parameter Inventory for Station: ROMO0388

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/28/74-08/23/75	8	0.018	0.036	0.175	0.003	0.003	0.057	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/28/74-09/28/74	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/28/74-09/28/74	1	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	09/28/74-08/23/75	8	0.35	0.603	2.8	0.025	0.824	0.908	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/28/74-08/23/75	8	0.015	0.052	0.3	0.005	0.01	0.101	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/28/74-08/23/75	8	0.02	0.021	0.04	0.005	0.	0.012	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/28/74-08/23/75	7	0.005	0.006	0.01	0.003	0.	0.003	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0388

				Total	Exceed	Prop.	6/10-10/31			11/01-4/10			4/11-6/09			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	8	0	0.00	6	0	0.00	1	0	0.00	1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0389

NPS Station ID: ROMO0389 | LAT/LON: 40.318309/-105.844393 | Agency: 11NPSWRD | Date Created: 06/18/99
Location: 106068/C04499 | FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): ROMO_NURE_225 /1074152 /1118630
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14010001 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: UPPER COLORADO RIVER | ECO Region:
RF1 Index: 14010001 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE GRAND LAKE CO 7.5' SERIES (TOPOGRAPHIC) QUAD. THE SITE IS AT A STREAM WITHIN ROCKY MOUNTAIN NATIONAL PARK (ROMO). EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN ONE WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE U.S. GEOLOGICAL SURVEY "NATIONAL GEOCHEMICAL DATA BASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND KIM BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. "UNIQID" ENTRIES WERE USED TO CREATE THE SECONDARY STATION NAMES. "LASLID" ENTRIES WERE USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LABORATORY. FOR MORE INFORMATION ABOUT THE PARK CONTACT NATURAL RESOURCES AT ROMO; ESTES PARK; CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AT NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS; CO 80525 (TEL. 970-225-3556).

Parameter Inventory for Station: ROMO0389

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/23/76-09/23/76	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/23/76-09/23/76	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/23/76-09/23/76	1	6.2	6.2	6.2	6.2	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/23/76-09/23/76	1	6.2	6.2	6.2	6.2	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/23/76-09/23/76	1	0.631	0.631	0.631	0.631	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/23/76-09/23/76	1	0.54	0.54	0.54	0.54	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0389

Parameter				Total	Exceed	Prop.	6/10-10/31			11/01-4/10			4/11-6/09			n/a		
		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0390

NPS Station ID: ROMO0390
LAT/LON: 40.319920/-105.685310
Agency: 11NPSWRD
Date Created: 06/12/99
Location: LAKE HELENE (EAST SIDE)
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): ROMO_JR_CAP10
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MCHENRYS PEAK CO 7.5' SERIES (TOPO.) QUADRANGLE. THE SITE IS LOCATED AT LAKE HELENE ALONG THE EAST SIDE OF THE LAKE AND IS LOCATED WITHIN ROCKY MOUNTAIN NATIONAL PARK. THE DATA ARE FROM ANNUAL CAPSHELL SNAIL MONITORING PROGRAM REPORTS BY JOHN RIEBESELL OF THE DEPARTMENT OF NATURAL RESOURCES AT THE UNIVERSITY OF MICHIGAN IN DEARBORN MI. TTHE REPORTS SUMMARIZED POPULATION DATA AND WATER QUALITY CHARACTERISTICS OF THE HABITAT OF CAPSHELL SNAILS; A CANDIDATE FOR LISTING UNDER THE FEDERAL ENDANGERED SPECIES ACT. FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0390

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094 SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/25/97-07/25/97	1	9.	9.	9.	9.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: ROMO0391

NPS Station ID: ROMO0391 | LAT/LON: 40.319977/-105.612199 | Agency: 11NPSWRD | Date Created: 06/12/99
Location: GLACIER CREEK LIVERY | FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): ROMO_NPS_GCL1
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006 | Depth of Water: 0 | Aquifer:
Major Basin: MISSOURI RIVER | Elevation: 0 | Water Body Id:
Minor Basin: SOUTH PLATTE RIVER | ECO Region:
RF1 Index: 10190006 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE LONGS PEAK CO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT GLACIER CREEK UPSTREAM OF GLACIER CREEK LIVERY AND IS LOCATED WITHIN ROCKY MOUNTAIN NATIONAL PARK. THE DATA ARE FROM A 1972 REPORT BY BRYAN CASHION OF THE NATIONAL PARK SERVICE. THE REPORT SUMMARIZED THE RESULTS OF A STUDY CONDUCTED IN 1971 TO QUANTIFY THE AMOUNT OF POLLUTION TO GLACIER CREEK THAT WAS CONTRIBUTED BY GLACIER CREEK LIVERY. FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517; (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0391

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	06/29/71-08/23/71	7	38.	86.286	240.	2.	11188.571	105.776	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	06/29/71-08/23/71	7	1.58	1.557	2.38	0.301	0.511	0.715	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			36.097								
61731	E.COLI,MULTI-TUBE,MPN,MUG COLINIES/100ML	06/29/71-08/23/71	8	2.	4.375	15.	2.	20.268	4.502	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0391

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	7	0	0.00	7	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0392

NPS Station ID: ROMO0392
LAT/LON: 40.320503/-105.685531
Agency: 11NPSWRD
Date Created: 08/21/99
Location: Fern Creek Lake Helene Outlet
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_JS_HELENEO
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 3225
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the McHenrys Peak CO 7.5' (topographic) series quadrangle in Rocky Mountain National Park. The station is located in the outlet stream leaving Lake Helene east of Notchtop Mountain. The data originated from a University of Colorado dissertation entitled "Isotopic and Chemical Flowpath Separation of Streamflow During Snowmelt and Hydrogeological Controls of Surface-Water Chemistry in Six Alpine-Subalpine Basins; Rocky Mountain National Park; Colorado" 1996 by Julie K. Sueker. Sueker also contributed other data that weren't included in her dissertation. For more information about the data; contact Julie K. Sueker; Exponent Environmental Group; 4940 Pearl East Circle Ste. 300; Boulder CO 80301 (Tel. 970-444-7270). For information on the park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 97 -586-1206). Data were uploaded to STORET by Margaret Matter; NPS-WRD; 1201 Oak Ridge Dr. Ste. 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0392

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/17/95-08/17/95	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/17/95-08/17/95	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/17/95-08/17/95	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/17/95-08/17/95	1	0.158	0.158	0.158	0.158	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	08/17/95-08/17/95	1	43.6	43.6	43.6	43.6	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/17/95-08/17/95	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/17/95-08/17/95	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/17/95-08/17/95	1	2.7	2.7	2.7	2.7	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/17/95-08/17/95	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	08/17/95-08/17/95	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/17/95-08/17/95	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0392

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0393

NPS Station ID: ROMO0393 LAT/LON: 40.320616/-105.608837 Agency: 11NPSWRD Date Created: 06/12/99
Location: BOULDER BROOK UPSTREAM OF THE CORRAL FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): ROMO_NPS_GCL2
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI RIVER Elevation: 0 Water Body Id:
Minor Basin: SOUTH PLATTE RIVER ECO Region:
RF1 Index: 10190006 RF1 Mile Point: 0.000 Distance from RF1: 12.40 On/Off RF1:
RF3 Index: 10190007002218.40 RF3 Mile Point: 18.39 Distance from RF3: 0.57 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE LONGS PEAK CO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT BOULDER BROOK UPSTREAM OF THE CORRAL AT GLACIER CREEK LIVERY AND IS LOCATED WITHIN ROCKY MOUNTAIN NATIONAL PARK. THE DATA ARE FROM A 1972 REPORT BY BRYAN CASHION OF THE NATIONAL PARK SERVICE. THE REPORT SUMMARIZED THE RESULTS OF A STUDY CONDUCTED IN 197 TO QUANTIFY THE AMOUNT OF POLLUTION TO GLACIER CREEK THAT WAS CONTRIBUTED BY GLACIER CREEK LIVERY. FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0393

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	06/29/71-08/23/71	7	240.	174.	240.	2.	12721.333	112.789	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	06/29/71-08/23/71	7	2.38	1.915	2.38	0.301	0.699	0.836	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			82.257								
61731	E.COLI,MULTI-TUBE,MPN,MUG COLINIES/100ML	06/29/71-08/23/71	8	139.	127.625	240.	2.	14546.268	120.608	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0393

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	7	0	0.00	7	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0394

NPS Station ID: ROMO0394
LAT/LON: 40.320837/-105.685282
Agency: 11NPSWRD
Date Created: 08/21/99
Location: Fern Creek Spring below Lake Helene
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): ROMO_JS_HELENES
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 3225
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the McHenrys Peak CO 7.5' (topographic) series quadrangle in Rocky Mountain National Park. The station is a spring located just north of Lake Helene and south of the hiking trail. The data originated from a University of Colorado dissertation entitled "Isotopic and Chemical Flowpath Separation of Streamflow During Snowmelt and Hydrogeological Controls of Surface-Water Chemistry in Six Alpine-Subalpine Basins; Rocky Mountain National Park; Colorado" 1996 by Julie K. Sueker. Sueker also contributed other data that weren't included in her dissertation. For more information about the data; contact Julie K. Sueker; Exponent Environmental Group; 4940 Pearl East Circle Ste. 300; Boulder CO 80301 (Tel. 970-444-7270). For information on the park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 97 -586-1206). Data were uploaded to STORET by Margaret Matter; NPS-WRD; 1201 Oak Ridge Dr. Ste. 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0394

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/17/95-08/17/95	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/17/95-08/17/95	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/17/95-08/17/95	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/17/95-08/17/95	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	08/17/95-08/17/95	1	62.3	62.3	62.3	62.3	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/17/95-08/17/95	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/17/95-08/17/95	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/17/95-08/17/95	1	5.6	5.6	5.6	5.6	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/17/95-08/17/95	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	08/17/95-08/17/95	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/17/95-08/17/95	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0394

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0395

NPS Station ID: ROMO0395 LAT/LON: 40.321059/-105.794253 Agency: 11NPSWRD Date Created: 07/03/99
Location: TONAHUTU CREEK--DOWNSTREAM SAMPLE SITE FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): ROMO_BK_KTCR
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 14010001 Depth of Water: 0 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: UPPER COLORADO RIVER ECO Region:
RF1 Index: 14010001 RF1 Mile Point: 0.000 Distance from RF1: 12.40 On/Off RF1:
RF3 Index: 10190007002218.40 RF3 Mile Point: 18.39 Distance from RF3: 0.57 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE GRAND LAKE CO GRAND 7.5' (TOPO.) SERIES QUAD. THE SITE IS AT THE DOWNSTREAM SAMPLING POINT AT TONAHUTU CREEK AND IS LOCATED IN ROCKY MOUNTAIN NATIONAL PARK. WATER QUALITY AND BENTHIC MACROINVERTEBRATE DATA WERE COLLECTED FOR TWO STREAMS IN THE PARK FOR THE PURPOSE OF ESTABLISHING RELATIONSHIPS BETWEEN THE TWO PARAMETERS THAT WOULD PROVIDE A HOLISTIC ASSESSMENT OF AQUATIC RESOURCES IN THE TWO STREAMS. DATA COLLECTION WAS FOR THE LONG-TERM ECOLOGICAL MONITORING SYSTEM (EMS) AND WAS CONDUCTED BY BORIS KONDRATIEFF OF THE ENTOMOLOGY DEPARTMENT AT COLORADO STATE UNIVERSITY IN FORT COLLINS CO 80525 (TEL. 970-491-7314). FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0395

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/06/88-10/08/88	6	6.5	6.833	11.	2.	9.367	3.061	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/06/88-10/08/88	6	8.55	8.5	9.5	7.6	0.44	0.663	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/20/88-10/08/88	4	107.	97.25	113.	62.	570.917	23.894	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	07/06/88-10/08/88	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00629	NITROGEN, ORGANIC KJELDAHL, TOTAL (MG/L AS N)	07/06/88-10/08/88	6 ##	0.	0.167	1.	0.	0.167	0.408	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	07/06/88-10/08/88	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	07/06/88-10/08/88	6	2.2	1.983	2.7	1.	0.53	0.728	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/06/88-10/08/88	6	5.	5.	6.	4.	1.2	1.095	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0395

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	6	0	0.00	6	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: ROMO0395

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	4	4	1.00	4	4	1.00									
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	6	0	0.00	6	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0396

NPS Station ID: ROMO0396
LAT/LON: 40.321059/-105.794253
Agency: 11NPSWRD
Date Created: 07/03/99
Location: TONAHUTU CREEK--DOWNSTREAM SITE
FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_SH_HTCR
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14010001
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 0
Water Body Id:
Minor Basin: UPPER COLORADO RIVER
ECO Region:
RF1 Index: 14010001
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE GRAND LAKE CO GRAND7.5' SERIES (TOPO.) QUADRANGLE. THE SITE IS AT THE DOWNSTREAM SAMPLING POINT AT TONAHUTU CREEK AND IS LOCATED IN ROCKY MOUNTAIN NATIONAL PARK. THE DATA WERE COLLECTED BY SUSAN HOFFMEISTER OF COLORADO STATE UNIVERSITY IN FORT COLLINS CO AS PART OF THE LONG-TERM ECOLOGICAL MONITORING SYSTEM (EMS) DESIGNED TO ESTABLISH AND MONITOR RELATIONSHIPS BETWEEN WATER QUALITY AND BENTHIC MACROINVERTEBRATE COMMUNITIES IN TWO STREAMS IN ROCKY MOUNTAIN NATIONAL PARK. FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0396

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00300	OXYGEN, DISSOLVED MG/L	08/02/95-08/02/95	1	8.9	8.9	8.9	8.9	0.	0.	**	**	**	**
00402	SPECIFIC CONDUCTANCE,NON-TEMPERATURE CORR.UMHOS/CM	08/02/95-08/02/95	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/02/95-08/02/95	1	8.9	8.9	8.9	8.9	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/02/95-08/02/95	1	8.9	8.9	8.9	8.9	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/02/95-08/02/95	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	08/02/95-08/02/95	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/02/95-08/02/95	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00629	NITROGEN, ORGANIC KJELDAHL, TOTAL (MG/L AS N)	08/02/95-08/02/95	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/02/95-08/02/95	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/02/95-08/02/95	1	5.	5.	5.	5.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0396

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00	1	0	0.00									
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: ROMO0396

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0397

NPS Station ID: ROMO0397
LAT/LON: 40.321115/-105.690948
Agency: 11NPSWRD
Date Created: 08/21/99
Location: Fern Creek above Grace Falls
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_JS_GRACEF
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 3300
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the McHenrys Peak CO 7.5' (topographic) series quadrangle in Rocky Mountain National Park. The station is located in Fern Creek about 360 meters above Grace Falls northwest of Notchtop Mtn. The data originated from a University of Colorado dissertation entitled "Isotopic and Chemical Flowpath Separation of Streamflow During Snowmelt and Hydrogeological Controls of Surface-Water Chemistry in Six Alpine-Subalpine Basins; Rocky Mountain National Park; Colorado" 1996 by Julie K. Sueker. Sueker also contributed other data that weren't included in her dissertation. For more information about the data; contact Julie K. Sueker; Exponent Environmental Group; 4940 Pearl East Circle Ste. 300; Boulder CO 80301 (Tel. 970-444-7270). For information on the park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 97 -586-1206). Data were uploaded to STORET by Margaret Matter; NPS-WRD; 1201 Oak Ridge Dr. Ste. 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0397

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/17/95-08/17/95	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/17/95-08/17/95	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/17/95-08/17/95	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/17/95-08/17/95	1	0.316	0.316	0.316	0.316	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	08/17/95-08/17/95	1	23.3	23.3	23.3	23.3	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/17/95-08/17/95	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/17/95-08/17/95	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/17/95-08/17/95	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/17/95-08/17/95	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	08/17/95-08/17/95	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/17/95-08/17/95	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0397

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0398

NPS Station ID: ROMO0398 LAT/LON: 40.321170/-105.604504 Agency: 11NPSWRD Date Created: 06/12/99
Location: SPRAGUE LAKE AT ROCK NEAR BOARDWALK FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): ROMO_JR_CAP25
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI RIVER Elevation: 0 Water Body Id:
Minor Basin: SOUTH PLATTE RIVER ECO Region:
RF1 Index: 10190006 RF1 Mile Point: 0.000 Distance from RF1: 12.40 On/Off RF1:
RF3 Index: 10190007002218.40 RF3 Mile Point: 18.39 Distance from RF3: 0.57 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE LONGS PEAK CO 7.5' SERIES (TOPO.) QUADRANGLE. THE SITE IS LOCATED AT SPRAGUE LAKE AT THE ROCK THAT IS COUNTER-CLOCKWISE FROM THE BOARDWALK AND IS WITHIN ROCKY MOUNTAIN NATIONAL PARK. THE DATA ARE FROM ANNUAL CAPSHELL SNAIL MONITORING PROGRAM REPORTS BY JOHN RIEBESELL OF THE DEPARTMENT OF NATURAL RESOURCES AT THE UNIVERSITY OF MICHIGAN IN DEARBORN MI. TTHE REPORTS SUMMARIZED POPULATION DATA AND WATER QUALITY CHARACTERISTICS OF THE HABITAT OF CAPSHELL SNAILS; A CANDIDATE FOR LISTING UNDER THE FEDERAL ENDANGERED SPECIES ACT. FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0398

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094 SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/11/97-07/11/97	1	20.	20.	20.	20.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: ROMO0399

NPS Station ID: ROMO0399
LAT/LON: 40.321366/-105.681920
Agency: 11NPSWRD
Date Created: 06/12/99
Location: TWO RIVER LAKE (SOUTHEAST CORNER)
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): ROMO_JR_CAP27
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MCHENRYS PEAK CO 7.5' SERIES (TOPO.) QUADRANGLE. THE SITE IS LOCATED AT TWO RIVER LAKE AT THE SOUTHEAST CORNER AND IS WITHIN ROCKY MOUNTAIN NATIONAL PARK. THE DATA ARE FROM ANNUAL CAPSHELL SNAIL MONITORING PROGRAM REPORTS BY JOHN RIEBESELL OF THE DEPARTMENT OF NATURAL RESOURCES AT THE UNIVERSITY OF MICHIGAN IN DEARBORN MI. TTHE REPORTS SUMMARIZED POPULATION DATA AND WATER QUALITY CHARACTERISTICS OF THE HABITAT OF CAPSHELL SNAILS; A CANDIDATE FOR LISTING UNDER THE FEDERAL ENDANGERED SPECIES ACT. FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0399

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/25/97-07/25/97	1	7.	7.	7.	7.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: ROMO0400

NPS Station ID: ROMO0400 LAT/LON: 40.322448/-105.679227 Agency: 11NPSWRD Date Created: 06/12/99
Location: MARIGOLD LAKE ALONG THE SOUTHEAST SHORE FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): ROMO_JR_CAP21
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI RIVER Elevation: 0 Water Body Id:
Minor Basin: SOUTH PLATTE RIVER ECO Region:
RF1 Index: 10190006 RF1 Mile Point: 0.000 Distance from RF1: 12.40 On/Off RF1:
RF3 Index: 10190007002218.40 RF3 Mile Point: 18.39 Distance from RF3: 0.57 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MCHENRYS PEAK CO 7.5' SERIES (TOPO.) QUADRANGLE. THE SITE IS LOCATED AT MARIGOLD LAKE ALONG THE SOUTHEAST SHORE AND IS WITHIN ROCKY MOUNTAIN NATIONAL PARK. THE DATA ARE FROM ANNUAL CAPSHELL SNAIL MONITORING PROGRAM REPORTS BY JOHN RIEBESELL OF THE DEPARTMENT OF NATURAL RESOURCES AT THE UNIVERSITY OF MICHIGAN IN DEARBORN MI. THE REPORTS SUMMARIZED POPULATION DATA AND WATER QUALITY CHARACTERISTICS OF THE HABITAT OF CAPSHELL SNAILS; A CANDIDATE FOR LISTING UNDER THE FEDERAL ENDANGERED SPECIES ACT. FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0400

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/25/97-07/25/97	1	18.	18.	18.	18.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: ROMO0401

NPS Station ID: ROMO0401
LAT/LON: 40.322781/-105.842504
Agency: 112WRD
Date Created: 11/07/81
Location: ONAHU CREEK NEAR GRAND LAKE, COLO.
FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 09010600
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14010001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14010001049
RF1 Mile Point: 8.840
Distance from RF1: 10.80
On/Off RF1: OFF
RF3 Index: 14010001028700.00
RF3 Mile Point: 0.02
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0401

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/05/69-09/23/69	2	6.75	6.75	7.	6.5	0.125	0.354	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: ROMO0402

NPS Station ID: ROMO0402 | LAT/LON: 40.323170/-105.606199 | Agency: 11NPSWRD | Date Created: 06/12/99
Location: BOULDER BROOK INSIDE THE CORRAL | FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): ROMO_NPS_GCL3
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006 | Depth of Water: 0 | Aquifer:
Major Basin: MISSOURI RIVER | Elevation: 0 | Water Body Id:
Minor Basin: SOUTH PLATTE RIVER | ECO Region:
RF1 Index: 10190006 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE LONGS PEAK CO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT BOULDER BROOK INSIDE THE CORRAL AT GLACIER CREEK LIVERY AND IS LOCATED WITHIN ROCKY MOUNTAIN NATIONAL PARK. THE DATA ARE FROM A 1972 REPORT BY BRYAN CASHION OF THE NATIONAL PARK SERVICE. THE REPORT SUMMARIZED RESULTS OF A STUDY CONDUCTED IN 1971 TO QUANTIFY THE AMOUNT OF POLLUTION TO GLACIER CREEK THAT WAS CONTRIBUTED BY GLACIER CREEK LIVERY. FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0402

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	06/29/71-08/23/71	8	125.	121.25	240.	2.	13650.214	116.834	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	06/29/71-08/23/71	8	1.91	1.591	2.38	0.301	0.838	0.915	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			39.001								
61731	E.COLI,MULTI-TUBE,MPN,MUG COLINIES/100ML	06/29/71-08/23/71	9	16.	61.444	240.	2.	10333.778	101.655	2.	2.	135.	240.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0402

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	8	0	0.00	8	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0403

NPS Station ID: ROMO0403 | LAT/LON: 40.325809/-105.856116 | Agency: 11NPSWRD | Date Created: 06/18/99
Location: 106069/C04500 | FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): ROMO_NURE_214 /1074153 /1118631
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14010001 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: UPPER COLORADO RIVER | ECO Region:
RF1 Index: 14010001 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE GRAND LAKE CO 7.5' SERIES (TOPOGRAPHIC) QUAD. THE SITE IS AT A STREAM WITHIN ROCKY MOUNTAIN NATIONAL PARK (ROMO). EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN ONE WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE U.S. GEOLOGICAL SURVEY "NATIONAL GEOCHEMICAL DATA BASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND KIM BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. "UNIQID" ENTRIES WERE USED TO CREATE THE SECONDARY STATION NAMES. "LASLID" ENTRIES WERE USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LABORATORY. FOR MORE INFORMATION ABOUT THE PARK CONTACT NATURAL RESOURCES AT ROMO; ESTES PARK; CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AT NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS; CO 80525 (TEL. 970-225-3556).

Parameter Inventory for Station: ROMO0403

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/23/76-09/23/76	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/23/76-09/23/76	1	27.	27.	27.	27.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/23/76-09/23/76	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/23/76-09/23/76	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/23/76-09/23/76	1	0.398	0.398	0.398	0.398	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/23/76-09/23/76	1	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0403

Parameter				Total	Exceed	Prop.	----------6/10-10/31----------			----------11/01-4/10----------			----------4/11-6/09----------			--------------n/a--------------		
		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0404

NPS Station ID: ROMO0404 LAT/LON: 40.325837/-105.856116 Agency: 112WRD Date Created: 06/29/78
Location: COLORADO R BELOW BAKER GULCH, NR GRAND LAKE, CO. FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 09010500
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 14010001 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 14010001049 RF1 Mile Point: 8.840 Distance from RF1: 14.50 On/Off RF1: ON
RF3 Index: 14010001007902.77 RF3 Mile Point: 5.64 Distance from RF3: 0.08 On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0404

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00004	STREAM WIDTH (FEET)	01/26/95-03/17/97	29	30.	30.	70.	7.	207.	14.387	12.	18.	37.5	44.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/10/56-03/17/97	257	3.5	4.992	19.5	0.	27.637	5.257	0.	0.	9.85	12.5
00025	BAROMETRIC PRESSURE (MM OF HG)	01/26/95-03/17/97	27	556.	555.741	565.	540.	33.738	5.808	548.8	551.	560.	563.
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/06/83-03/17/97	136	19.	91.596	843.	5.	23957.635	154.783	7.	10.25	82.75	332.4
00065	STAGE, STREAM (FEET)	04/07/95-10/07/96	17	4.27	4.979	7.16	3.84	1.247	1.117	3.904	4.03	6.13	6.496
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/22/77-03/17/97	199	72.	69.03	125.	25.	209.312	14.468	45.	60.	78.	85.
00300	OXYGEN, DISSOLVED MG/L	01/26/95-03/17/97	28	8.95	9.136	10.6	7.5	0.847	0.92	7.97	8.4	10.1	10.51
00400	PH (STANDARD UNITS)	01/26/95-03/17/97	29	7.2	7.252	7.8	6.8	0.088	0.297	6.8	7.05	7.5	7.7
00400	CONVERTED PH (STANDARD UNITS)	01/26/95-03/17/97	29	7.2	7.16	7.8	6.8	0.097	0.311	6.8	7.05	7.5	7.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/26/95-03/17/97	29	0.063	0.069	0.158	0.016	0.002	0.044	0.02	0.032	0.09	0.158
00403	PH, LAB, STANDARD UNITS SU	01/26/95-02/18/97	28	7.4	7.468	7.9	7.1	0.052	0.228	7.19	7.3	7.6	7.81
00403	CONVERTED PH, LAB, STANDARD UNITS	01/26/95-02/18/97	28	7.4	7.414	7.9	7.1	0.055	0.234	7.19	7.3	7.6	7.81
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/26/95-02/18/97	28	0.04	0.039	0.079	0.013	0.	0.019	0.016	0.025	0.05	0.065
00452	CARBONATE,WATER,DISS,INCR TIT, FIELD, AS CO3, MG/L	04/15/96-04/15/96	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00453	BICARBONATE,WATER,DISS,INCR TIT,FIELD,AS HCO3,MG/L	01/26/95-03/17/97	29	32.	28.586	36.	16.	46.823	6.843	17.	21.5	34.	35.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/22/91-09/24/92	4 ##	0.5	4.875	18.	0.5	76.563	8.75	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	01/26/95-03/17/97	29 ##	0.008	0.016	0.04	0.008	0.	0.01	0.008	0.008	0.02	0.03
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	01/26/95-03/17/97	29 ##	0.005	0.006	0.01	0.005	0.	0.002	0.005	0.005	0.005	0.01
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	01/26/95-03/17/97	29 ##	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/26/95-03/17/97	29 ##	0.1	0.128	0.5	0.1	0.008	0.092	0.1	0.1	0.1	0.2
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/26/95-03/17/97	29	0.08	0.073	0.1	0.025	0.001	0.029	0.025	0.05	0.1	0.1
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/26/95-03/17/97	29 ##	0.005	0.013	0.11	0.005	0.	0.02	0.005	0.005	0.015	0.02
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	01/26/95-03/17/97	29 ##	0.005	0.006	0.02	0.005	0.	0.004	0.005	0.005	0.005	0.005
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/26/95-03/17/97	29 ##	0.005	0.006	0.02	0.005	0.	0.003	0.005	0.005	0.005	0.005
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	01/26/95-02/18/97	28	1.55	2.196	5.3	1.	1.797	1.34	1.09	1.3	2.95	4.8
00689	CARBON, SUSPENDED ORGANIC (MG/L AS C)	01/26/95-02/18/97	28	0.2	0.238	0.6	0.05	0.021	0.144	0.1	0.1	0.3	0.42
00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/26/95-02/18/97	28	8.4	7.739	10.	4.5	2.829	1.682	4.99	5.975	9.1	9.32
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/26/95-02/18/97	28	2.	1.9	2.5	1.1	0.196	0.443	1.2	1.475	2.3	2.4
00930	SODIUM, DISSOLVED (MG/L AS NA)	01/26/95-02/18/97	28	1.8	1.668	2.2	0.9	0.13	0.36	1.1	1.4	1.975	2.11
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/26/95-02/18/97	28	0.8	0.932	3.5	0.5	0.322	0.567	0.6	0.7	0.9	1.19
00940	CHLORIDE,TOTAL IN WATER MG/L	01/26/95-02/18/97	28	0.2	0.186	0.8	0.05	0.021	0.146	0.05	0.1	0.2	0.3
00945	SULFATE, TOTAL (MG/L AS SO4)	01/26/95-02/18/97	28	6.	5.357	7.	3.	2.016	1.42	3.	4.	6.75	7.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/26/95-02/18/97	28	0.3	0.279	0.5	0.2	0.005	0.069	0.2	0.2	0.3	0.31
00955	SILICA, DISSOLVED (MG/L AS SI02)	01/26/95-02/18/97	28	7.55	7.621	9.7	5.2	1.604	1.266	5.89	6.725	8.8	9.4
01000	ARSENIC, DISSOLVED (UG/L AS AS)	09/13/95-05/13/96	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	09/13/95-05/13/96	2	7.	7.	8.	6.	2.	1.414	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	09/13/95-05/13/96	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	09/13/95-05/13/96	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: ROMO0404

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	09/13/95-05/13/96	2 ##	8.25	8.25	16.	0.5	120.125	10.96	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	09/13/95-05/13/96	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	09/13/95-05/13/96	2 ##	2.25	2.25	4.	0.5	6.125	2.475	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	01/26/95-02/18/97	28	145.	155.071	370.	47.	4932.661	70.233	77.4	97.75	207.5	231.
01049	LEAD, DISSOLVED (UG/L AS PB)	09/13/95-05/13/96	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	01/26/95-02/18/97	28	18.5	21.571	44.	7.	141.884	11.911	8.9	11.	33.	39.1
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	09/13/95-05/13/96	2 ##	1.25	1.25	2.	0.5	1.125	1.061	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	09/13/95-05/13/96	2 ##	8.75	8.75	17.	0.5	136.125	11.667	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	05/22/91-05/13/96	3 ##	0.5	0.417	0.5	0.25	0.021	0.144	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	05/22/91-09/24/92	4 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	09/13/95-05/13/96	2	26.	26.	51.	1.	1250.	35.355	**	**	**	**
01095	ANTIMONY, DISSOLVED (UG/L AS SB)	09/13/95-05/13/96	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	09/13/95-05/13/96	2	42.	42.	77.	7.	2450.	49.497	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	09/13/95-05/13/96	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/13/95-05/13/96	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34790	SURFACTANTS, AS CTAS, WATER MG/L	10/10/95-10/10/95	1	8.	8.	8.	8.	0.	0.	**	**	**	**
34795	ANTIMONY,SED,BOT,	10/10/95-10/10/95	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
34800	ARSENIC,SED,BOT,WET SIEVE,	10/10/95-10/10/95	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
34805	BARIUM,SED,BOT,	10/10/95-10/10/95	1	620.	620.	620.	620.	0.	0.	**	**	**	**
34810	BERYLLIUM,SED,BOT,WET SIEVE,	10/10/95-10/10/95	1	4.	4.	4.	4.	0.	0.	**	**	**	**
34816	BISMUTH,SED,BOT,WET SIEVE,	10/10/95-10/10/95	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34825	CADMIUM,SED,BOT,	10/10/95-10/10/95	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34830	CALCIUM,SED,BOT,	10/10/95-10/10/95	1	1.	1.	1.	1.	0.	0.	**	**	**	**
34835	CERIUM,SED,BOT,	10/10/95-10/10/95	1	170.	170.	170.	170.	0.	0.	**	**	**	**
34840	CHROMIUM,SED,BOT,	10/10/95-10/10/95	1	58.	58.	58.	58.	0.	0.	**	**	**	**
34845	COBALT,SED,BOT,	10/10/95-10/10/95	1	17.	17.	17.	17.	0.	0.	**	**	**	**
34850	COPPER,SED,BOT,	10/10/95-10/10/95	1	25.	25.	25.	25.	0.	0.	**	**	**	**
34855	EUROPIUM,SED,BOT,	10/10/95-10/10/95	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34860	GALLIUM,SED,BOT,	10/10/95-10/10/95	1	16.	16.	16.	16.	0.	0.	**	**	**	**
34870	GOLD,SED,BOT,	10/10/95-10/10/95	1 ##	4.	4.	4.	4.	0.	0.	**	**	**	**
34875	HOLMIUM,SED,BOT,	10/10/95-10/10/95	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34880	IRON,SED,BOT,	10/10/95-10/10/95	1	5.	5.	5.	5.	0.	0.	**	**	**	**
34885	LANTHANUM,SED,BOT,	10/10/95-10/10/95	1	85.	85.	85.	85.	0.	0.	**	**	**	**
34890	LEAD,SED,BOT,	10/10/95-10/10/95	1	23.	23.	23.	23.	0.	0.	**	**	**	**
34895	LITHIUM,SED,BOT,	10/10/95-10/10/95	1	40.	40.	40.	40.	0.	0.	**	**	**	**
34900	MAGNESIUM,SED,BOT,	10/10/95-10/10/95	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
34905	MANGANESE,SED,BOT,	10/10/95-10/10/95	1	1100.	1100.	1100.	1100.	0.	0.	**	**	**	**
34910	MERCURY,SED,BOT,	10/10/95-10/10/95	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
34915	MOLYBDENUM,SED,BOT,	10/10/95-10/10/95	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34920	NEODYMIUM,SED,BOT,	10/10/95-10/10/95	1	77.	77.	77.	77.	0.	0.	**	**	**	**
34925	NICKEL,SED,BOT,	10/10/95-10/10/95	1	20.	20.	20.	20.	0.	0.	**	**	**	**
34930	NIOBIUM,SED,BOT,	10/10/95-10/10/95	1	45.	45.	45.	45.	0.	0.	**	**	**	**
34935	PHOSPHORUS,SED,BOT,	10/10/95-10/10/95	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
34940	POTASSIUM,SED,BOT,	10/10/95-10/10/95	1	2.	2.	2.	2.	0.	0.	**	**	**	**
34945	SCANDIUM,SED,BOT,	10/10/95-10/10/95	1	12.	12.	12.	12.	0.	0.	**	**	**	**
34950	SELENIUM,SED,BOT,	10/10/95-10/10/95	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
34955	SILVER,SED,BOT,	10/10/95-10/10/95	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
34960	SODIUM,SED,BOT,	10/10/95-10/10/95	1	1.	1.	1.	1.	0.	0.	**	**	**	**
34965	STRONTIUM,SED,BOT,	10/10/95-10/10/95	1	220.	220.	220.	220.	0.	0.	**	**	**	**
34970	SULFUR,SED,BOT,	10/10/95-10/10/95	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
34975	TANTALUM,SED,BOT,	10/10/95-10/10/95	1 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
34980	THORIUM,SED,BOT,	10/10/95-10/10/95	1	32.	32.	32.	32.	0.	0.	**	**	**	**
34985	TIN,SED,BOT,	10/10/95-10/10/95	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
35000	URANIUM,SED,BOT,	10/10/95-10/10/95	1	14.	14.	14.	14.	0.	0.	**	**	**	**
35005	VANADIUM,SED,BOT,	10/10/95-10/10/95	1	82.	82.	82.	82.	0.	0.	**	**	**	**
35010	YTTRIUM,SED,BOT,	10/10/95-10/10/95	1	49.	49.	49.	49.	0.	0.	**	**	**	**
35015	YTTERBIUM,SED,BOT,	10/10/95-10/10/95	1	4.	4.	4.	4.	0.	0.	**	**	**	**
35020	ZINC,SED,BOT,	10/10/95-10/10/95	1	150.	150.	150.	150.	0.	0.	**	**	**	**
39086	ALKALINITY,WATER,DISS,INCR TIT,FIELD,AS CACO3,MG/L	01/26/95-03/17/97	29	26.	23.448	30.	13.	30.47	5.52	14.	18.	28.	29.
49237	ALUMINUM, DRY WEIGHT, TISSUE/BIOTA,RECV UG/G	08/14/95-08/14/95	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
49238	BARIUM, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	08/14/95-08/14/95	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
49239	BORON, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	08/14/95-08/14/95	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
49240	CHROMIUM, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	08/14/95-08/14/95	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: ROMO0404

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
49241	COPPER, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	08/14/95-08/14/95	1	344.	344.	344.	344.	0.	0.	**	**	**	**
49242	IRON, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	08/14/95-08/14/95	1	608.	608.	608.	608.	0.	0.	**	**	**	**
49243	MANGANESE, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	08/14/95-08/14/95	1	10.2	10.2	10.2	10.2	0.	0.	**	**	**	**
49244	STRONTIUM, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	08/14/95-08/14/95	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
49245	ZINC, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	08/14/95-08/14/95	1	105.	105.	105.	105.	0.	0.	**	**	**	**
49246	ANTIMONY, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	08/14/95-08/14/95	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
49247	ARSENIC, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	08/14/95-08/14/95	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
49248	BERYLLIUM, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	08/14/95-08/14/95	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
49249	CADMIUM, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	08/14/95-08/14/95	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
49250	COBALT, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	08/14/95-08/14/95	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
49251	LEAD, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	08/14/95-08/14/95	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
49252	MOLYBDENUM, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	08/14/95-08/14/95	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
49253	NICKEL, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	08/14/95-08/14/95	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
49254	SELENIUM, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	08/14/95-08/14/95	1	51.8	51.8	51.8	51.8	0.	0.	**	**	**	**
49255	SILVER, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	08/14/95-08/14/95	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**
49257	URANIUM, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	08/14/95-08/14/95	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
49258	MERCURY, DRY WEIGHT, TISSUE/BIOTA, RECV UG/G	08/14/95-08/14/95	1	0.35	0.35	0.35	0.35	0.	0.	**	**	**	**
49266	CARBON,ORGANIC,DRY WEIGHT,SEDIMENT,RECV,SIEVE	10/10/95-10/10/95	1	3.45	3.45	3.45	3.45	0.	0.	**	**	**	**
49267	CARBON,ORGANIC+INORGANIC,DRYWT,RECV,SIEVE	10/10/95-10/10/95	1	3.48	3.48	3.48	3.48	0.	0.	**	**	**	**
49269	CARBON,INORGANIC, DRY WT, SEDIMENT,RECV,SIEVE	10/10/95-10/10/95	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
49270	CARBON,INORGANIC, DRY WT,SEDIMENT,RECV,SIEVE	10/10/95-10/10/95	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
49271	CARBON,ORGANIC,DRY WT,SEDIMENT,RECV,SIEVE	10/10/95-10/10/95	1	11.	11.	11.	11.	0.	0.	**	**	**	**
49272	CARBON,ORGANIC+INORGANIC,DRYWT,RECV,SIEVE	10/10/95-10/10/95	1	11.	11.	11.	11.	0.	0.	**	**	**	**
49273	WATER PRESENT,DRY WT,TISSUE/BIOTA,LIVER,RECV UG/G	08/14/95-08/14/95	1	76.6	76.6	76.6	76.6	0.	0.	**	**	**	**
49274	TITANIUM, DRY WT, SIEVE	10/10/95-10/10/95	1	0.46	0.46	0.46	0.46	0.	0.	**	**	**	**
49275	ALPHA-BHC,D6, DRY WT,SIEVE	10/10/95-10/10/95	1	95.	95.	95.	95.	0.	0.	**	**	**	**
49276	OCTACHLOROBIPHENYL,DRY WT,SIEVE	10/10/95-10/10/95	1	91.	91.	91.	91.	0.	0.	**	**	**	**
49277	BIPHENYL,3,5-DICHLORO-,DRY WT,SIEVE	10/10/95-10/10/95	1	88.	88.	88.	88.	0.	0.	**	**	**	**
49278	TERPHENYL,D14-,DRY WT,SIEVE	10/10/95-10/10/95	1	93.	93.	93.	93.	0.	0.	**	**	**	**
49279	BIPHENYL, 2-FLUORO,DRY WT,SIEVE	10/10/95-10/10/95	1	68.	68.	68.	68.	0.	0.	**	**	**	**
49280	BENZENE,NITRO-,D5,DRY WT,SIEVE	10/10/95-10/10/95	1	77.	77.	77.	77.	0.	0.	**	**	**	**
49316	NONACHLOR,CIS-,DRY WEIGHT,SEDIMENT,SIEVE	10/10/95-10/10/95	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
49317	NONACHLOR,TRANS-,DRY WT,SEDIMENT,SIEVE	10/10/95-10/10/95	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
49318	OXYCHLORDANE,DRY WEIGHT,SEDIMENT,SIEVE	10/10/95-10/10/95	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
49319	ALDRIN,DRY WEIGHT,SEDIMENT,SIEVE	10/10/95-10/10/95	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
49320	CHLORDANE, CIS-,DRY WT,SEDIMENT,SIEVE	10/10/95-10/10/95	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
49321	CHLORDANE,TRANS-,DRY WT,SEDIMENT,SIEVE	10/10/95-10/10/95	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
49322	CHLORONEB,DRY WT,SEDIMENT,SIEVE	10/10/95-10/10/95	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
49324	DCPA,DRY WEIGHT,SEDIMENT,SIEVE	10/10/95-10/10/95	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
49325	DDD,O,P'-,DRY WEIGHT,SEDIMENT,SIEVE	10/10/95-10/10/95	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
49326	DDD,P,P'-,DRY WEIGHT,SEDIMENT,SIEVE	10/10/95-10/10/95	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
49327	DDE,O,P'-,DRY WEIGHT,SEDIMENT,SIEVE	10/10/95-10/10/95	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
49328	DDE,P,P'-,DRY WEIGHT,SEDIMENT,SIEVE	10/10/95-10/10/95	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
49329	DDT,O,P'-,DRY WT,SEDIMENT,SIEVE	10/10/95-10/10/95	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
49330	DDT,P,P'-,DRY WT,SEDIMENT,SIEVE	10/10/95-10/10/95	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
49331	DIELDRIN,DRY WEIGHT,SEDIMENT,SIEVE	10/10/95-10/10/95	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
49332	ENDOSULFAN I,DRY WEIGHT,SEDIMENT,SIEVE	10/10/95-10/10/95	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
49335	ENDRIN,DRY WEIGHT,SEDIMENT,SIEVE	10/10/95-10/10/95	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
49338	ALPHA-BHC,DRY WEIGHT,SEDIMENT,SIEVE	10/10/95-10/10/95	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
49339	BETA-BHC,DRY WEIGHT,SEDIMENT,SIEVE	10/10/95-10/10/95	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
49341	HEPTACHLOR,DRY WEIGHT,SEDIMENT,SIEVE	10/10/95-10/10/95	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
49342	HEPTACHLOR EPOXIDE,DRY WT,SEDIMENT,SIEVE	10/10/95-10/10/95	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
49343	HEXACHLOROBENZENE,DRY WT,SEDIMENT,SIEVE	10/10/95-10/10/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49344	ISODRIN,DRY WEIGHT,SEDIMENT,SIEVE	10/10/95-10/10/95	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
49345	LINDANE,DRY WEIGHT,SEDIMENT,SIEVE	10/10/95-10/10/95	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
49346	METHOXYCHLOR,P,P'-,DRY WT,SED,SIEVE	10/10/95-10/10/95	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
49347	METHOXYCHLOR,O,P'-,DRY WT,SED,SIEVE	10/10/95-10/10/95	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
49348	MIREX,DRY WEIGHT,SEDIMENT,SIEVE	10/10/95-10/10/95	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
49349	PERMETHRIN,CIS-,DRY WT,SED,SIEVE	10/10/95-10/10/95	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
49350	PERMETHRIN,TRANS-,DRY WT,SED,SIEVE	10/10/95-10/10/95	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
49351	TOXAPHENE,DRY WEIGHT,SEDIMENT,SIEVE	10/10/95-10/10/95	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
49381	DIBUTYLPHTHALATE,DRY WEIGHT,SED,SIEVE	10/10/95-10/10/95	1	52.	52.	52.	52.	0.	0.	**	**	**	**
49382	DIOCTYLPHTHALATE,DRY WEIGHT,SED,SIEVE	10/10/95-10/10/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: ROMO0404

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
49384	DIMETHYLPHTHALATE,DRY WEIGHT,SED,SIEVE	10/10/95-10/10/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49387	PYRENE,DRY WEIGHT,SED,SIEVE	10/10/95-10/10/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49388	METHYLPYRENE,DRY WEIGHT,SED,SIEVE	10/10/95-10/10/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49389	METHYLBENZO(A)PYRENE,DRY WT,SED,SIEVE	10/10/95-10/10/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49390	METHYLINDENO(1,2,3-CD)PYRENE,DRY WT,SEV	10/10/95-10/10/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49391	BIQUINOLINE,2,2'-,DRY WT,SED,SIEVE	10/10/95-10/10/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49392	QUINOLINE,DRY WEIGHT,SEDIMENT,SIEVE	10/10/95-10/10/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49393	PHENANTHRIDINE,DRY WEIGHT,SED,SIEVE	10/10/95-10/10/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49394	ISOQUINOLINE,DRY WEIGHT,SED,SIEVE	10/10/95-10/10/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49395	TOLUENE, 2,4-DINITRO-,DRY WEIGHT,SIEVE	10/10/95-10/10/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49396	TOLUENE, 2,6-DINITRO-,DRY WEIGHT,SIEVE	10/10/95-10/10/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49397	BENZO(K)FLUORANTHENE,DRY WEIGHT,SIEVE	10/10/95-10/10/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49398	METHYL-9H-FLUORENE,DRY WEIGHT,SIEVE	10/10/95-10/10/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49399	FLUORENE,9H-,DRY WEIGHT,SIEVE	10/10/95-10/10/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49400	ISOPHORONE,DRY WEIGHT,SIEVE	10/10/95-10/10/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49401	METHANE, BIS(2-CHLOROETHOXY),DRY WT,SEV	10/10/95-10/10/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49402	NAPHTHALENE, DRY WEIGHT, SIEVE	10/10/95-10/10/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49403	NAPHTHALENE, 1,2-DIMETHYL-,DRY WT,SIEVE	10/10/95-10/10/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49404	NAPHTHALENE, 1,6-DIMETHYL-,DRY WT,SIEVE	10/10/95-10/10/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49405	NAPHTHALENE, 2,3,6-TRIMETHYL-,DRY WT,SEV	10/10/95-10/10/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49407	NAPHTHALENE, 2-CHLORO-,DRY WT,SIEVE	10/10/95-10/10/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49408	BENZO(G,H,I)PERYLENE,DRY WEIGHT,SIEVE	10/10/95-10/10/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49409	PHENANTHRENE,DRY WEIGHT,SIEVE	10/10/95-10/10/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49410	METHYLPHENANTHRENE,DRY WT,SIEVE	10/10/95-10/10/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49411	CYCLOPENTA(DEF)PHENANTHRENE, 4H-,DRY WT,SEV	10/10/95-10/10/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49413	PHENOL,DRY WEIGHT,SEDIMENT,SIEVE	10/10/95-10/10/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49421	XYLENOL, 3,5-,DRY WEIGHT,SIEVE	10/10/95-10/10/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49422	M-CRESOL, 4-CHLORO-,DRY WEIGHT,SED,SIEVE	10/10/95-10/10/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49424	PHENOL, C8-ALKYL-,DRY WEIGHT,SED,SIEVE	10/10/95-10/10/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49426	PHTHALATE, BIS(2-ETHYLHEXYL)-,DRY WT,SEV	10/10/95-10/10/95	1	53.	53.	53.	53.	0.	0.	**	**	**	**
49428	ACENAPHTHYLENE,DRY WEIGHT,SED,SIEVE	10/10/95-10/10/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49429	ACENAPHTHENE,DRY WEIGHT,SED,SIEVE	10/10/95-10/10/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49430	ACRIDINE,DRY WEIGHT,SED,SIEVE	10/10/95-10/10/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49431	N-NITROSO-DIPROPYLAMINE,DRY WT,SED,SIEVE	10/10/95-10/10/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49433	N-NITROSO-DIPHENYLAMINE,DRY WT,SED,SEV	10/10/95-10/10/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49434	ANTHRACENE,DRY WEIGHT,SED,SIEVE	10/10/95-10/10/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49435	ANTHRACENE, 2-METHYL-,DRY WEIGHT,SED,SEV	10/10/95-10/10/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49436	BENZ(A)ANTHRACENE,DRY WEIGHT,SED,SIEVE	10/10/95-10/10/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49437	ANTHRAQUINONE, 9, 10-,DRY WT,SED,SIEVE	10/10/95-10/10/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49438	BENZENE, 1,2,4-TRICHLORO-,DRY WT,SED,SEV	10/10/95-10/10/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49439	BENZENE, O-DICHLORO-,SED,SIEVE	10/10/95-10/10/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49441	BENZENE, M-DICHLORO-,DRY WT,SED,SIEVE	10/10/95-10/10/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49442	BENZENE, P-DICHLORO-,DRY WT,SED,SIEVE	10/10/95-10/10/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49443	AZOBENZENE,DRY WT,SED,SIEVE	10/10/95-10/10/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49444	BENZENE, NITRO-,DRY WT,SED,SIEVE	10/10/95-10/10/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49446	BENZENE,PENTACHLORONITRO-,DRY WT,SIEVE	10/10/95-10/10/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49449	CARBAZOLE,DRY WEIGHT,SEDIMENT,SIEVE	10/10/95-10/10/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49450	CHRYSENE,DRY WEIGHT,SEDIMENT,SIEVE	10/10/95-10/10/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49451	P-CRESOL,DRY WEIGHT,SEDIMENT,SIEVE	10/10/95-10/10/95	1	90.	90.	90.	90.	0.	0.	**	**	**	**
49452	DIBENZOTHIOPHENE,DRY WEIGHT,SED,SIEVE	10/10/95-10/10/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49454	BROMOPHENYL, 4-PHENYL ETHER,SED,SIEVE	10/10/95-10/10/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49455	CHLOROPHENYL,4-PHENYL ETHER,SED,SIEVE	10/10/95-10/10/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49458	BENZO(B)FLUORANTHENE,DRY WT,SIEVE	10/10/95-10/10/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49459	PCB,DRY WEIGHT,BED MATERIAL,SIEVE	10/10/95-10/10/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49460	PENTACHLOROANISOLE,DRY WT,BED MAT,SIEVE	10/10/95-10/10/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49461	DIBENZ(A,H)ANTHRACENE,DRY WT,SIEVE	10/10/95-10/10/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49465	VANADIUM,BIOTA,TISSUE,LIVER,DRY WEIGHT,RECV UG/G	08/14/95-08/14/95	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
49466	FLUORANTHENE,SED,BED MAT,WET SIEV	10/10/95-10/10/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49467	PHENOL, O-CHLORO,SED,BED MAT,WETSEV	10/10/95-10/10/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49468	BENZO(C)CINNOLINE,SED,BED MAT,WETSEV	10/10/95-10/10/95	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49490	VISUAL OBSERVATION, SUSPENDED, WATER CODE	10/10/95-10/10/95	1 ##	2500.	2500.	2500.	2500.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/26/95-02/18/97	28	46.	43.964	54.	26.	52.184	7.224	33.6	39.	50.	53.
72104	SAMPLE LOCATION, DISTANCE DOWNSTREAM (FEET)	01/26/95-03/17/97	22	45.	176.818	1000.	0.	114575.108	338.489	0.	27.5	62.5	1000.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: ROMO0404

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
72105	SAMPLE LOCATION, DISTANCE UPSTREAM (FEET)	06/07/95-10/07/96	7	150.	142.857	300.	0.	13690.476	117.006	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	01/26/95-02/18/97	27	2.	5.093	27.	0.	55.962	7.481	0.9	1.	5.	21.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

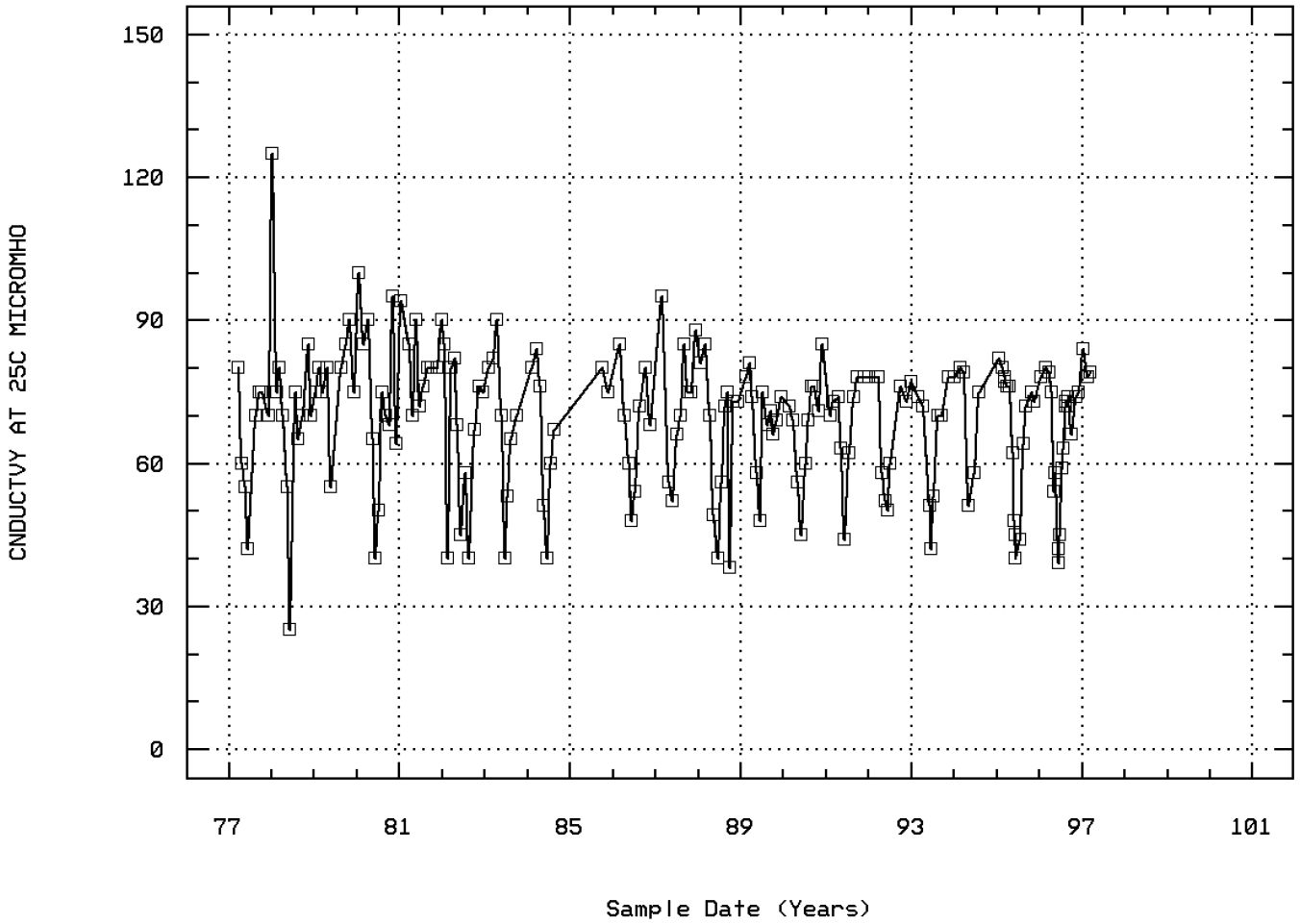
EPA Water Quality Criteria Analysis for Station: ROMO0404

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	28	0	0.00	12	0	0.00	12	0	0.00	4	0	0.00			
00400	PH	Fresh Chronic	9.	29	0	0.00	12	0	0.00	13	0	0.00	4	0	0.00			
		Other-Lo Lim.	6.5	29	0	0.00	12	0	0.00	13	0	0.00	4	0	0.00			
00403	PH, LAB	Fresh Chronic	9.	28	0	0.00	12	0	0.00	12	0	0.00	4	0	0.00			
		Other-Lo Lim.	6.5	28	0	0.00	12	0	0.00	12	0	0.00	4	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	29	0	0.00	12	0	0.00	13	0	0.00	4	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	29	0	0.00	12	0	0.00	13	0	0.00	4	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	28	0	0.00	12	0	0.00	12	0	0.00	4	0	0.00			
		Drinking Water	250.	28	0	0.00	12	0	0.00	12	0	0.00	4	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	28	0	0.00	12	0	0.00	12	0	0.00	4	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	28	0	0.00	12	0	0.00	12	0	0.00	4	0	0.00			
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	50.	2	0	0.00	1	0	0.00				1	0	0.00			
01005	BARIUM, DISSOLVED	Drinking Water	2000.	2	0	0.00	1	0	0.00				1	0	0.00			
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	4.	2	0	0.00	1	0	0.00				1	0	0.00			
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	5.	2	0	0.00	1	0	0.00				1	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	2	0	0.00	1	0	0.00				1	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	1300.	2	0	0.00	1	0	0.00				1	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	15.	2	0	0.00	1	0	0.00				1	0	0.00			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	100.	2	0	0.00	1	0	0.00				1	0	0.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	3	0	0.00	1	0	0.00				2	0	0.00			
		Drinking Water	100.	3	0	0.00	1	0	0.00				2	0	0.00			
01077	SILVER, TOTAL	Fresh Acute	4.1	4	0	0.00	2	0	0.00				2	0	0.00			
		Drinking Water	100.	4	0	0.00	2	0	0.00				2	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	5000.	2	0	0.00	1	0	0.00				1	0	0.00			
01095	ANTIMONY, DISSOLVED	Fresh Acute	88.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	6.	2	0	0.00	1	0	0.00				1	0	0.00			
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	50.	2	0	0.00	1	0	0.00				1	0	0.00			
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	2	0	0.00	1	0	0.00				1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station: ROMO0404 Parameter Code: 00095

SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)



COLORADO R BELOW BAKER GULCH, NR GRAND

Annual Analysis for 1956 - Station ROMO0404

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/10/56-03/17/97	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1968 - Station ROMO0404

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/10/56-03/17/97	4	5.5	5.75	12.	0.	40.75	6.384	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1969 - Station ROMO0404

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/10/56-03/17/97	2	2.	2.	4.	0.	8.	2.828	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1970 - Station ROMO0404

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/10/56-03/17/97	7	3.	5.643	12.5	0.	34.726	5.893	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1971 - Station ROMO0404

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/10/56-03/17/97	11	1.	3.818	13.	0.	23.764	4.875	0.	0.	9.	12.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1972 - Station ROMO0404

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/10/56-03/17/97	11	0.	4.5	13.5	0.	29.75	5.454	0.	0.	10.	13.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1973 - Station ROMO0404

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/10/56-03/17/97	9	0.	4.111	13.	0.	26.361	5.134	0.	0.	8.5	13.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station ROMO0404

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/10/56-03/17/97	7	1.5	4.857	13.	0.	35.226	5.935	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station ROMO0404

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/10/56-03/17/97	2	3.5	3.5	7.	0.	24.5	4.95	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station ROMO0404

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/10/56-03/17/97	11	5.	6.636	18.	0.	44.805	6.694	0.	0.	10.5	17.8
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/22/77-03/17/97	8	70.	65.875	80.	42.	160.411	12.665	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station ROMO0404

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/10/56-03/17/97	11	1.	5.	12.5	0.	32.95	5.74	0.	0.	12.	12.4
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/22/77-03/17/97	11	70.	72.273	125.	25.	561.818	23.703	31.	65.	80.	117.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station ROMO0404

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/10/56-03/17/97	9	0.5	4.111	10.	0.	22.924	4.788	0.	0.	9.25	10.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/22/77-03/17/97	9	80.	77.222	90.	55.	94.444	9.718	55.	75.	82.5	90.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station ROMO0404

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/10/56-03/17/97	11	3.5	5.5	13.5	0.	32.1	5.666	0.	0.	12.	13.4
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/22/77-03/17/97	11	70.	72.909	100.	40.	344.691	18.566	42.	64.	90.	99.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station ROMO0404

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/10/56-03/17/97	11	8.	6.091	14.	0.	36.741	6.061	0.	0.	13.	13.9
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/22/77-03/17/97	10	80.	81.7	94.	70.	63.567	7.973	70.2	75.	90.	93.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station ROMO0404

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/10/56-03/17/97	11	1.	4.045	15.5	0.	27.423	5.237	0.	0.	5.5	14.7
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/22/77-03/17/97	11	68.	65.091	85.	40.	284.691	16.873	40.	45.	80.	84.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station ROMO0404

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/10/56-03/17/97	8	5.5	5.938	15.	0.	31.103	5.577	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/06/83-03/17/97	1	31.	31.	31.	31.	0.	0.	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/22/77-03/17/97	8	70.	68.75	90.	40.	263.643	16.237	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station ROMO0404

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/10/56-03/17/97	7	7.	6.357	15.5	0.5	37.226	6.101	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/06/83-03/17/97	7	86.	182.143	570.	5.	56079.143	236.81	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/22/77-03/17/97	7	67.	65.429	84.	40.	259.286	16.102	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station ROMO0404

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/10/56-03/17/97	2	1.	1.	2.	0.	2.	1.414	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/06/83-03/17/97	2	17.5	17.5	20.	15.	12.5	3.536	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/22/77-03/17/97	2	77.5	77.5	80.	75.	12.5	3.536	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station ROMO0404

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/10/56-03/17/97	8	5.	5.075	10.1	0.	18.459	4.296	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/06/83-03/17/97	8	34.	112.375	384.	10.	18608.268	136.412	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/22/77-03/17/97	8	69.	67.125	85.	48.	158.125	12.575	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station ROMO0404

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/10/56-03/17/97	10	3.	5.65	19.5	0.	40.058	6.329	0.	0.	9.875	18.65
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/06/83-03/17/97	10	14.5	35.4	138.	5.	2017.156	44.913	5.4	10.5	51.	133.8
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/22/77-03/17/97	9	75.	73.556	95.	52.	205.778	14.345	52.	61.	86.5	95.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station ROMO0404

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/10/56-03/17/97	11	6.	6.364	18.	0.	43.505	6.596	0.	0.	10.5	17.8
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/06/83-03/17/97	11	14.	67.182	315.	6.	12802.564	113.148	6.2	8.	42.	306.6
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/22/77-03/17/97	11	72.	64.727	85.	38.	264.818	16.273	38.4	49.	75.	84.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station ROMO0404

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/10/56-03/17/97	11	6.5	6.	15.	0.	32.15	5.67	0.	0.	10.	14.4
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/06/83-03/17/97	11	14.	33.636	145.	5.	1886.855	43.438	5.6	8.	43.	132.8
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/22/77-03/17/97	11	71.	69.273	81.	48.	88.618	9.414	50.	66.	75.	80.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station ROMO0404

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/10/56-03/17/97	10	6.75	6.4	14.	0.	30.267	5.502	0.	0.	11.375	13.85
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/06/83-03/17/97	10	18.5	52.9	310.	5.	8650.1	93.006	5.2	7.	59.75	286.1
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/22/77-03/17/97	10	70.	67.9	85.	45.	131.211	11.455	46.1	59.	76.	84.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station ROMO0404

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/10/56-03/17/97	9	2.7	3.989	11.3	0.	19.696	4.438	0.	0.05	8.3	11.3
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/06/83-03/17/97	9	19.	52.	300.	6.	8868.25	94.171	6.	8.	42.5	300.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/22/77-03/17/97	9	73.	68.444	78.	44.	117.028	10.818	44.	62.5	76.	78.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station ROMO0404

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/10/56-03/17/97	8	5.25	4.625	10.5	0.	18.125	4.257	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/06/83-03/17/97	9	19.	75.444	276.	5.	8539.028	92.407	5.	10.	136.	276.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/22/77-03/17/97	8	66.5	65.625	78.	50.	141.125	11.88	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station ROMO0404

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/10/56-03/17/97	8	1.75	3.25	10.5	0.	16.	4.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/06/83-03/17/97	10	26.	94.	413.	6.	17637.778	132.807	6.1	10.	162.	393.9
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/22/77-03/17/97	9	70.	65.222	78.	42.	170.194	13.046	42.	52.	75.5	78.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station ROMO0404

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/10/56-03/17/97	6	3.75	5.333	15.	0.	40.167	6.338	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/06/83-03/17/97	6	13.5	56.333	217.	6.	6959.067	83.421	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/22/77-03/17/97	6	76.5	70.167	80.	51.	154.967	12.449	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1995 - Station ROMO0404

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/10/56-03/17/97	20	1.25	3.465	10.5	0.	16.791	4.098	0.	0.	7.	10.45
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/06/83-03/17/97	21	22.	168.81	843.	7.	68397.662	261.529	7.4	9.	373.	716.2
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/22/77-03/17/97	20	72.5	65.1	82.	40.	243.568	15.607	40.4	45.75	77.75	81.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1996 - Station ROMO0404

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/10/56-03/17/97	18	5.55	6.561	15.7	0.	29.966	5.474	0.	0.5	11.175	15.07
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/06/83-03/17/97	18	24.5	123.667	449.	9.	27676.	166.361	9.	15.5	300.	438.2
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/22/77-03/17/97	18	72.	65.444	80.	39.	172.144	13.12	41.7	57.	75.	79.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

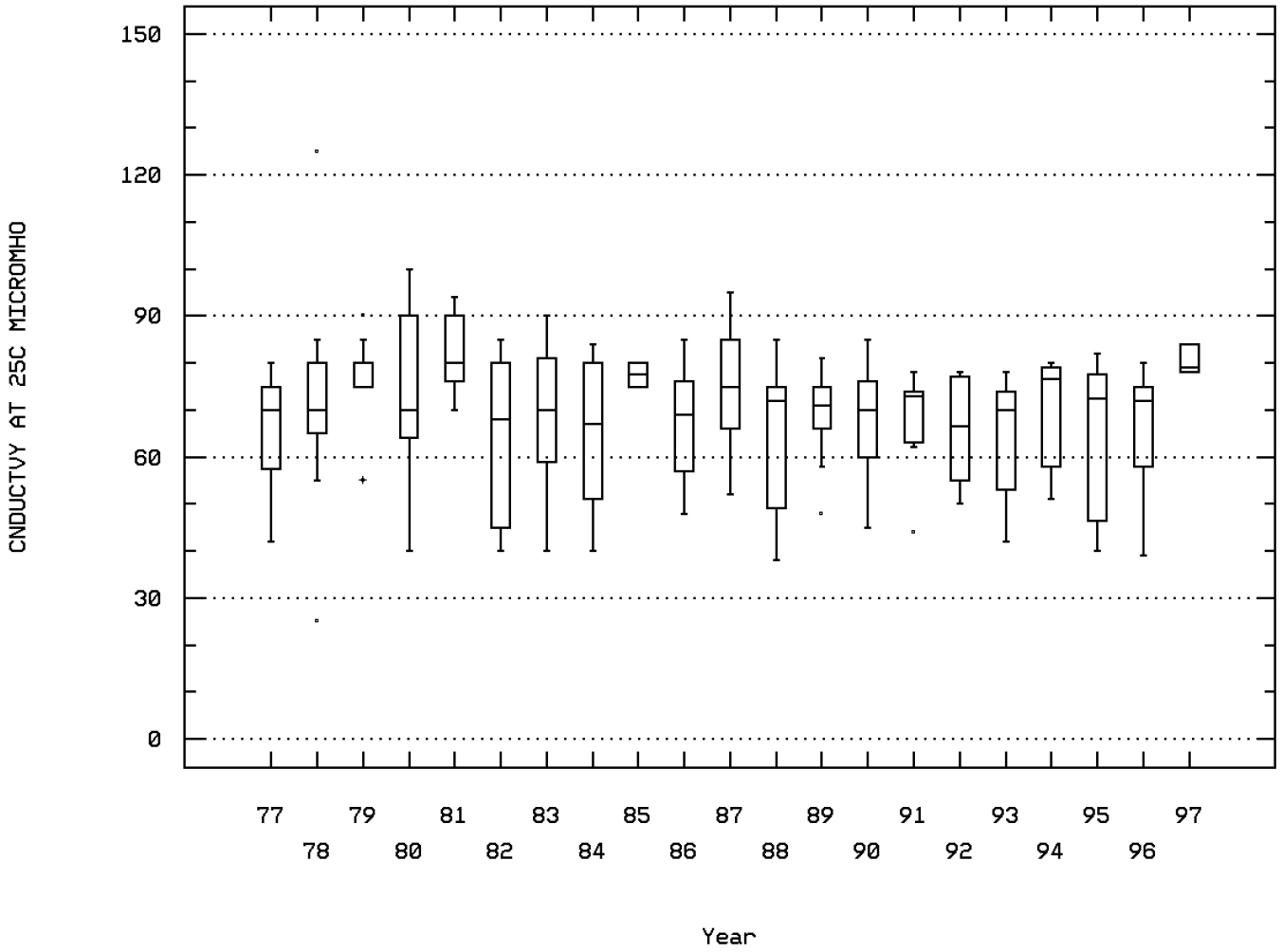
Annual Analysis for 1997 - Station ROMO0404

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/10/56-03/17/97	3	0.	0.033	0.1	0.	0.003	0.058	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/06/83-03/17/97	3	9.	9.667	12.	8.	4.333	2.082	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/22/77-03/17/97	3	79.	80.333	84.	78.	10.333	3.215	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: ROMO0404 Parameter Code: 00095

SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)



COLORADO R BELOW BAKER GULCH, NR GRAND

Seasonal Analysis for Season #1: 6/10 to 10/31 - Station ROMO0404

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/10/56-03/17/97	106	10.25	9.955	19.5	0.	14.105	3.756	5.	7.	12.5	15.
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/06/83-03/17/97	61	36.	127.902	843.	11.	35656.69	188.83	14.	19.	143.5	410.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/22/77-03/17/97	86	67.	62.558	85.	25.	197.708	14.061	40.	50.	74.25	76.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 4/10 - Station ROMO0404

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/10/56-03/17/97	104	0.	0.242	4.	0.	0.464	0.681	0.	0.	0.	0.75
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/06/83-03/17/97	50	9.	10.3	31.	5.	26.133	5.112	5.1	7.	12.	16.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/22/77-03/17/97	75	78.	78.96	125.	40.	92.201	9.602	70.	75.	82.	88.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/11 to 6/09 - Station ROMO0404

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	11/10/56-03/17/97	47	3.7	4.311	10.5	0.	12.338	3.513	0.	0.6	7.	10.
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/06/83-03/17/97	25	96.	165.6	472.	9.	22742.833	150.807	12.2	31.5	289.5	414.8
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/22/77-03/17/97	38	61.	64.079	90.	45.	159.102	12.614	48.9	54.75	74.	82.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: ROMO0405

NPS Station ID: ROMO0405
LAT/LON: 40.326115/-105.625005
Agency: 11NPSWRD
Date Created: 06/12/99
Location: BIERSTADT LAKE
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): ROMO_USFW_BIERL
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MCHENRYS PEAK CO 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT BIERSTADT LAKE AND IS WITHIN THE BOUNDARIES OF ROCKY MOUNTAIN NATIONAL PARK. THE DATA ARE FROM A REPORT BY F.A. VERTUCCI AND PAUL STEPHEN CORN; "EVALUATION OF EPISODIC ACIDIFICATION AND AMPHIBIAN DECLINES IN THE ROCKY MOUNTAINS;" 1996. THIS STUDY WAS FUNDED BY THE U.S. FISH AND WILDLIFE SERVICE TO DETERMINE THE EFFECTS OF ACID PRECIPITATION ON POND-BREEDING AMPHIBIANS IN THE WESTERN UNITED STATES. RESULTS OF THIS STUDY SHOWED NO CONCLUSIVE EVIDENCE THAT EPISODIC ACIDIFICATION IS THE CAUSE OF OBSERVED DECLINES IN AMPHIBIAN POPULATIONS. FOR MORE INFORMATION ON THE PARK CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517-8397 (970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: ROMO0405

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403	PH, LAB, STANDARD UNITS SU	06/22/88-06/22/88	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/22/88-06/22/88	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/22/88-06/22/88	1	0.158	0.158	0.158	0.158	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/22/88-06/22/88	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/22/88-06/22/88	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/22/88-06/22/88	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	06/22/88-06/22/88	1	2.3	2.3	2.3	2.3	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	06/22/88-06/22/88	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	06/22/88-06/22/88	1	1.32	1.32	1.32	1.32	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	06/22/88-06/22/88	1	0.84	0.84	0.84	0.84	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/22/88-06/22/88	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	06/22/88-06/22/88	1	270.	270.	270.	270.	0.	0.	**	**	**	**
61765	ANC (ACID NEUTRALIZING CAPABILITY) UEG/L	06/22/88-06/22/88	1	121.	121.	121.	121.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0405

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0406

NPS Station ID: ROMO0406 | LAT/LON: 40.326503/-105.624420 | Agency: 11NPSWRD | Date Created: 06/12/99
Location: BIERSTADT LAKE S. OF OUTLET AT E. END | FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): ROMO_JR_CAP02
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006 | Depth of Water: 0 | Aquifer:
Major Basin: MISSOURI RIVER | Elevation: 0 | Water Body Id:
Minor Basin: SOUTH PLATTE RIVER | ECO Region:
RF1 Index: 10190006 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE LONGS PEAK CO 7.5' SERIES (TOPO.) QUADRANGLE. THE SITE IS LOCATED AT BIERSTADT LAKE AT THE EAST END SOUTH OF THE OUTLET AND IS WITHIN ROCKY MOUNTAIN NATIONAL PARK. THE DATA ARE FROM ANNUAL CAPSHELL SNAIL MONITORING PROGRAM REPORTS BY JOHN RIEBESELL OF THE DEPARTMENT OF NATURAL RESOURCES AT THE UNIVERSITY OF MICHIGAN IN DEARBORN MI. TTHE REPORTS SUMMARIZED POPULATION DATA AND WATER QUALITY CHARACTERISTICS OF THE HABITAT OF CAPSHELL SNAILS; A CANDIDATE FOR LISTING UNDER THE FEDERAL ENDANGERED SPECIES ACT. FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0406

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094 SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/11/97-07/11/97	1	22.	22.	22.	22.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: ROMO0407

NPS Station ID: ROMO0407
LAT/LON: 40.327226/-105.622782
Agency: 112WRD
Date Created: 01/07/89
Location: BIERSTADT LAKE
FIPS State/County: 08013 COLORADO/BOULDER
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 401938105372200
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC:
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 4.40
On/Off RF1:
RF3 Index: 10190006045200.00
RF3 Mile Point: 0.00
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0407

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/31/87-08/31/87	2	2.	2.	2.	2.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/31/87-08/31/87	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	08/31/87-08/31/87	2	17.	17.	17.	17.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/31/87-08/31/87	2	27.	27.	27.	27.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/31/87-08/31/87	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/31/87-08/31/87	1	7.23	7.23	7.23	7.23	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/31/87-08/31/87	1	7.23	7.23	7.23	7.23	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/31/87-08/31/87	1	0.059	0.059	0.059	0.059	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/31/87-08/31/87	2	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/31/87-08/31/87	2	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/31/87-08/31/87	2	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/31/87-08/31/87	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/31/87-08/31/87	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/31/87-08/31/87	2	2.6	2.6	2.6	2.6	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/31/87-08/31/87	2	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/31/87-08/31/87	2	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/31/87-08/31/87	2	0.55	0.55	0.55	0.55	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/31/87-08/31/87	2	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/31/87-08/31/87	2	3.	3.	3.	3.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/31/87-08/31/87	2	0.11	0.11	0.11	0.11	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/31/87-08/31/87	2	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/31/87-08/31/87	2	130.	130.	130.	130.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/31/87-08/31/87	2	3.	3.	3.	3.	0.	0.	**	**	**	**
71870	BROMIDE (MG/L AS BR)	08/31/87-08/31/87	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0407

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00	1	0	0.00									
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00403	PH, LAB	Fresh Chronic	9.	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	0	0.00	2	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: ROMO0407

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	2	0	0.00	2	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00	2	0	0.00									
		Drinking Water	250.	2	0	0.00	2	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	2	0	0.00	2	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	2	0	0.00	2	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0408

NPS Station ID: ROMO0408
LAT/LON: 40.327253/-105.622782
Agency: 11NPSWRD
Date Created: 06/12/99
Location: BIERSTADT POND
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): ROMO_USFW_BIERP
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE LONGS PEAK CO 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT BIERSTADT POND AT THE OUTLET OF THE BIERSTADT LAKE AND IS WITHIN THE BOUNDARIES OF ROCKY MOUNTAIN NATIONAL PARK. THE DATA ARE FROM A REPORT BY F.A. VERTUCCI AND PAUL STEPHEN CORN; "EVALUATION OF EPISODIC ACIDIFICATION AND AMPHIBIAN DECLINES IN THE ROCKY MOUNTAINS;" 1996. THIS STUDY WAS FUNDED BY THE U.S. FISH AND WILDLIFE SERVICE TO DETERMINE THE EFFECTS OF ACID PRECIPITATION ON POND-BREEDING AMPHIBIANS IN THE WESTERN UNITED STATES. RESULTS OF THIS STUDY SHOWED NO CONCLUSIVE EVIDENCE THAT EPISODIC ACIDIFICATION IS THE CAUSE OF OBSERVED DECLINES IN AMPHIBIAN POPULATIONS. FOR MORE INFORMATION ON THE PARK CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517-8397 (970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: ROMO0408

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403	PH, LAB, STANDARD UNITS SU	06/22/88-06/22/88	1	6.1	6.1	6.1	6.1	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/22/88-06/22/88	1	6.1	6.1	6.1	6.1	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/22/88-06/22/88	1	0.794	0.794	0.794	0.794	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/22/88-06/22/88	1	0.11	0.11	0.11	0.11	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/22/88-06/22/88	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/22/88-06/22/88	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	06/22/88-06/22/88	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	06/22/88-06/22/88	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	06/22/88-06/22/88	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	06/22/88-06/22/88	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/22/88-06/22/88	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	06/22/88-06/22/88	1	490.	490.	490.	490.	0.	0.	**	**	**	**
61765	ANC (ACID NEUTRALIZING CAPABILITY) UEG/L	06/22/88-06/22/88	1	86.	86.	86.	86.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0408

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0409

NPS Station ID: ROMO0409 LAT/LON: 40.327504/-105.579198 Agency: 11NPSWRD Date Created: 06/18/99
Location: 105789/C04269 FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): ROMO_NURE_005 /1073976 /1118454
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 10190006 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI RIVER Elevation: 0 Water Body Id:
Minor Basin: SOUTH PLATTE RIVER ECO Region:
RF1 Index: 10190006 RF1 Mile Point: 0.000 Distance from RF1: 12.40 On/Off RF1:
RF3 Index: 10190007002218.40 RF3 Mile Point: 18.39 Distance from RF3: 0.57 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE "LONGS PEAK COLORADO" 7.5 MINUTE SERIES QUADRANGLE. THE SITE IS AT AN ARTIFICIAL LAKE/POND OUTSIDE OF ROCKY MOUNTAIN NATIONAL PARK. EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO ONE WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATA BASE: "NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SOIL; STREAM SEDIMENT; SURFACE WATER; AND GROUND WATER DATA. "UNIQID" FIELD ENTRIES WERE USED TO CREATE THE SECONDARY STATION NAMES. THE "LASLID" FIELD ENTRIES (LAB SAMPLE NUMBERS) WERE USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LAB. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND KELLI O'CONNOR; NATIONAL PARK SERVICE WRD; 1201 OAK RIDGE DR SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0409

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/21/76-09/21/76	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/21/76-09/21/76	1	42.	42.	42.	42.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/21/76-09/21/76	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/21/76-09/21/76	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/21/76-09/21/76	1	0.316	0.316	0.316	0.316	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/21/76-09/21/76	1	1.08	1.08	1.08	1.08	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0409

				Total	Exceed	Prop.	----------6/10-10/31----------			----------11/01-4/10----------			----------4/11-6/09----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0410

NPS Station ID: ROMO0410 LAT/LON: 40.327781/-105.577504 Agency: 112WRD Date Created: / /
Location: ALVA B ADAMS TUN AT E PORTAL, NR ESTES PARK, CO. FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 09013000
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 10190006 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 10190006013 RF1 Mile Point: 4.990 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 10190006000702.57 RF3 Mile Point: 4.02 Distance from RF3: 0.01 On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0410

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/70-03/10/97	255	5.	7.14	23.8	0.	27.291	5.224	2.	2.5	12.	15.2
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	11/29/82-05/03/89	30	-4.	6.3	28.	-5.	83.734	9.151	2.	5.	15.	20.7
00025	BAROMETRIC PRESSURE (MM OF HG)	10/05/82-03/10/97	113	563.	560.779	667.	0.	3101.852	55.694	555.	560.	566.	570.
00030	LIGHT, INCIDENT, SUNLIGHT RADIATION INTENSITY	05/03/89-05/03/89	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	11/20/70-09/14/76	55	435.	414.225	552.	0.	19745.41	140.518	148.4	384.	519.	548.
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/09/74-03/10/97	200	460.	406.057	619.	0.	26437.358	162.596	179.6	384.	526.5	548.
00065	STAGE, STREAM (FEET)	11/29/82-03/10/97	80	3.495	3.045	4.16	0.	1.65	1.284	0.351	2.393	4.008	4.099
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/70-03/10/97	249	49.	46.205	90.	0.	233.543	15.282	25.	33.	55.5	62.
00096	SALINITY AT 25 DEGREES C (MG/ML)	11/19/87-11/19/87	1	46.	46.	46.	46.	0.	0.	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/02/70-03/10/97	246	8.3	8.267	13.4	0.	0.955	0.977	7.4	7.8	8.8	9.2
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	10/19/87-01/14/88	3	9.4	8.967	9.4	8.1	0.563	0.751	**	**	**	**
00400p	PH (STANDARD UNITS)	09/02/70-03/10/97	240	7.4	7.418	8.7	6.2	0.27	0.519	6.7	7.025	7.8	8.2
00400p	CONVERTED PH (STANDARD UNITS)	09/02/70-03/10/97	240	7.4	7.134	8.7	6.2	0.35	0.592	6.7	7.025	7.8	8.2
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/02/70-03/10/97	240	0.04	0.073	0.631	0.002	0.009	0.097	0.006	0.016	0.095	0.2
00403	PH, LAB, STANDARD UNITS SU	12/18/80-03/10/97	132	7.6	7.664	9.3	6.8	0.157	0.396	7.2	7.4	7.9	8.2
00403	CONVERTED PH, LAB, STANDARD UNITS	12/18/80-03/10/97	132	7.6	7.515	9.3	6.8	0.179	0.423	7.2	7.4	7.9	8.2
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/80-03/10/97	132	0.025	0.031	0.158	0.001	0.001	0.026	0.006	0.013	0.04	0.063
00405	CARBON DIOXIDE (MG/L AS CO2)	08/11/76-09/19/79	26	2.	2.596	9.9	0.1	6.456	2.541	0.31	0.875	3.275	7.42
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/11/76-09/17/80	45	19.	17.778	27.	4.	31.949	5.652	8.6	14.5	21.	25.
00435	ACIDITY, TOTAL (MG/L AS CACO3)	06/06/78-06/06/78	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/11/76-12/20/78	25	25.	24.08	33.	7.	35.91	5.992	15.4	21.	28.	31.8
00445	CARBONATE ION (MG/L AS CO3)	08/11/76-12/20/78	25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/13/91-09/16/92	4	5.5	11.125	33.	0.5	226.396	15.046	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	03/08/78-03/23/83	39	0.46	0.534	1.6	0.17	0.104	0.322	0.25	0.34	0.6	1.1
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	01/10/89-03/10/97	42	0.01	0.015	0.04	0.005	0.	0.009	0.005	0.008	0.02	0.03
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/12/78-11/19/92	24	0.02	0.02	0.06	0.005	0.	0.014	0.005	0.005	0.03	0.04
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	04/12/78-03/10/97	43 ##	0.005	0.007	0.03	0.005	0.	0.005	0.005	0.005	0.005	0.01
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	11/19/90-11/19/92	13 ##	0.005	0.005	0.01	0.005	0.	0.001	0.005	0.005	0.005	0.008
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	04/12/78-04/12/78	1	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	06/08/82-06/08/82	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/08/78-03/10/97	157	0.31	0.444	5.4	0.02	0.255	0.505	0.1	0.2	0.5	0.792
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/08/78-11/19/92	129 ##	0.05	0.068	0.81	0.	0.006	0.076	0.025	0.05	0.07	0.13
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/11/76-03/10/97	176 ##	0.05	0.065	0.2	0.	0.002	0.041	0.025	0.05	0.09	0.1
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/18/79-07/12/79	4	0.06	0.06	0.09	0.03	0.001	0.024	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/11/76-09/19/79	25	0.03	0.035	0.31	0.	0.004	0.066	0.	0.	0.03	0.096
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	03/08/78-03/10/97	160	0.015	0.018	0.07	0.005	0.	0.014	0.005	0.01	0.02	0.04
00666p	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/13/78-03/10/97	153	0.01	0.015	0.2	0.	0.	0.019	0.005	0.005	0.02	0.03
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/11/76-03/10/97	67 ##	0.005	0.011	0.1	0.	0.	0.014	0.005	0.005	0.01	0.02

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: ROMO0410

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/17/96-09/17/96	1	3.2	3.2	3.2	3.2	0.	0.	**	**	**	**
00689	CARBON, SUSPENDED ORGANIC (MG/L AS C)	09/17/96-09/17/96	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/11/76-03/23/83	72	20.	19.028	28.	5.	27.182	5.214	12.	16.	23.	25.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/11/76-02/25/81	48	1.	1.688	7.	0.	3.666	1.915	0.	0.	3.	5.
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	08/11/76-03/10/97	178	6.	5.615	9.2	1.8	2.672	1.635	3.1	4.475	6.7	7.5
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/11/76-03/10/97	178	1.15	1.067	1.8	0.1	0.097	0.311	0.6	0.9	1.3	1.4
00930p	SODIUM, DISSOLVED (MG/L AS NA)	08/11/76-03/10/97	178	2.	1.998	5.3	0.9	0.365	0.604	1.29	1.675	2.3	2.6
00931	SODIUM ADSORPTION RATIO	08/11/76-03/23/83	72	0.2	0.215	0.5	0.2	0.003	0.052	0.2	0.2	0.2	0.27
00932	SODIUM, PERCENT	08/11/76-03/23/83	72	18.	19.403	39.	13.	24.638	4.964	15.3	17.	20.	25.
00933	SODIUM,PLUS POTASSIUM (MG/L)	07/12/79-03/10/80	9	2.7	2.633	4.3	1.4	0.627	0.792	1.4	2.1	2.9	4.3
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	08/11/76-03/10/97	177	0.7	0.69	2.7	0.2	0.064	0.253	0.4	0.6	0.8	0.9
00940p	CHLORIDE,TOTAL IN WATER MG/L	08/11/76-03/10/97	176	0.4	0.452	3.	0.05	0.073	0.27	0.2	0.3	0.5	0.7
00945p	SULFATE, TOTAL (MG/L AS SO4)	08/11/76-03/10/97	175	4.	3.987	8.	0.	2.755	1.66	2.	3.	5.	6.
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	08/11/76-03/10/97	177	0.1	0.133	0.4	0.05	0.004	0.062	0.1	0.1	0.2	0.2
00955p	SILICA, DISSOLVED (MG/L AS SI02)	08/11/76-03/10/97	177	4.3	4.463	14.	2.3	2.282	1.511	3.18	3.6	4.85	5.9
01005	BARIUM, DISSOLVED (UG/L AS BA)	01/10/89-03/10/97	42	6.	5.714	8.	3.	2.258	1.503	3.	5.	7.	7.7
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	01/10/89-03/10/97	42 ##	0.25	0.263	0.8	0.25	0.007	0.085	0.25	0.25	0.25	0.25
01020	BORON, DISSOLVED (UG/L AS B)	01/10/89-03/10/97	42 ##	5.	5.976	30.	2.	21.634	4.651	5.	5.	5.	8.5
01025	CADMIUM, DISSOLVED (UG/L AS CD)	05/10/78-03/10/97	84 ##	0.5	0.649	3.	0.	0.197	0.444	0.5	0.5	0.5	1.
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	01/10/89-03/10/97	42 ##	2.5	2.607	7.	2.5	0.482	0.694	2.5	2.5	2.5	2.5
01035	COBALT, DISSOLVED (UG/L AS CO)	01/10/89-03/10/97	42 ##	1.5	1.5	1.5	1.5	0.	0.	1.5	1.5	1.5	1.5
01037	COBALT, TOTAL (UG/L AS CO)	02/05/86-02/05/86	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	05/10/78-03/10/97	84 ##	5.	3.661	20.	0.	7.796	2.792	0.75	1.	5.	5.
01046p	IRON, DISSOLVED (UG/L AS FE)	08/11/76-03/10/97	178	39.	51.635	360.	7.	2060.391	45.392	17.	23.75	64.5	100.
01049	LEAD, DISSOLVED (UG/L AS PB)	05/10/78-03/10/97	84 ##	5.	3.798	19.	0.	8.103	2.847	0.5	2.	5.	5.
01055	MANGANESE, TOTAL (UG/L AS MN)	09/17/96-03/10/97	3	10.	8.333	10.	5.	8.333	2.887	**	**	**	**
01056p	MANGANESE, DISSOLVED (UG/L AS MN)	08/11/76-03/10/97	178	2.	3.	20.	0.5	6.607	2.57	0.5	1.	5.	5.
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	01/10/89-03/10/97	42 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01065	NICKEL, DISSOLVED (UG/L AS NI)	05/10/78-03/10/97	84 ##	5.	3.179	12.	0.	5.841	2.417	0.	0.5	5.	5.
01067	NICKEL, TOTAL (UG/L AS NI)	02/05/86-02/05/86	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	01/10/89-03/10/97	42 ##	0.5	0.696	2.	0.	0.224	0.473	0.5	0.5	0.625	1.7
01077	SILVER, TOTAL (UG/L AS AG)	05/13/91-09/16/92	4 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	01/10/89-03/10/97	42	36.	35.69	60.	10.	139.634	11.817	15.5	27.75	45.25	49.
01085	VANADIUM, DISSOLVED (UG/L AS V)	01/10/89-03/10/97	42 ##	3.	3.	3.	3.	0.	0.	3.	3.	3.	3.
01090	ZINC, DISSOLVED (UG/L AS ZN)	05/10/78-03/10/97	84	5.	6.679	35.	0.	39.733	6.303	1.5	1.5	9.	16.
01130	LITHIUM, DISSOLVED (UG/L AS LI)	01/10/89-03/10/97	42 ##	2.	2.048	4.	2.	0.095	0.309	2.	2.	2.	2.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/02/70-09/17/80	107	4.	19.519	245.	0.	1992.358	44.636	0.	1.	17.	39.2
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/02/70-09/17/80	107	0.602	0.711	2.389	-0.301	0.476	0.69	0.	0.	1.23	1.593
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			5.136								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/02/70-02/10/77	73	0.5	1.267	13.	0.	5.896	2.428	0.	0.	1.	4.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/02/70-02/10/77	73	-0.301	0.044	1.114	-0.301	0.114	0.338	0.	0.	0.	0.602
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.107								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	05/26/77-09/17/80	32	1.	1.766	9.	0.5	4.419	2.102	0.5	0.5	2.	5.
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	05/26/77-09/17/80	32	0.	0.031	0.954	-0.301	0.164	0.405	-0.301	-0.301	0.301	0.699
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			1.074								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	07/28/77-07/28/77	1	14.	14.	14.	14.	0.	0.	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	07/28/77-07/28/77	1	1.146	1.146	1.146	1.146	0.	0.	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			14.								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/12/78-03/10/97	43	34.	31.86	60.	0.	174.932	13.226	12.4	22.	40.	47.2
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/11/76-04/16/87	66	31.	30.864	41.	14.	39.72	6.302	20.4	28.	36.	39.
70302	SOLIDS, DISSOLVED-TONS PER DAY	08/11/76-03/23/83	65	38.7	37.056	69.5	0.39	219.18	14.805	17.22	28.05	46.25	55.18
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/11/76-03/23/83	64	0.04	0.042	0.06	0.02	0.	0.008	0.03	0.04	0.05	0.05
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	11/19/90-11/19/92	13 ##	0.005	0.01	0.03	0.005	0.	0.008	0.005	0.005	0.015	0.026
71825	ACIDITY, TOTAL (MG/L AS H)	06/06/78-06/06/78	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	04/12/78-04/12/78	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	04/12/78-04/12/78	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	04/18/79-09/24/85	54	0.06	0.071	0.18	0.03	0.002	0.045	0.03	0.03	0.09	0.15
71887	NITROGEN, TOTAL, AS NO3 - MG/L	03/08/78-03/23/83	39	2.	2.364	7.	0.8	1.961	1.4	1.1	1.5	2.7	4.9
82068	POTASSIUM 40, DISSOLVED, K-40 PC/LITER	01/22/81-07/22/81	7	0.6	0.5	0.6	0.3	0.02	0.141	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

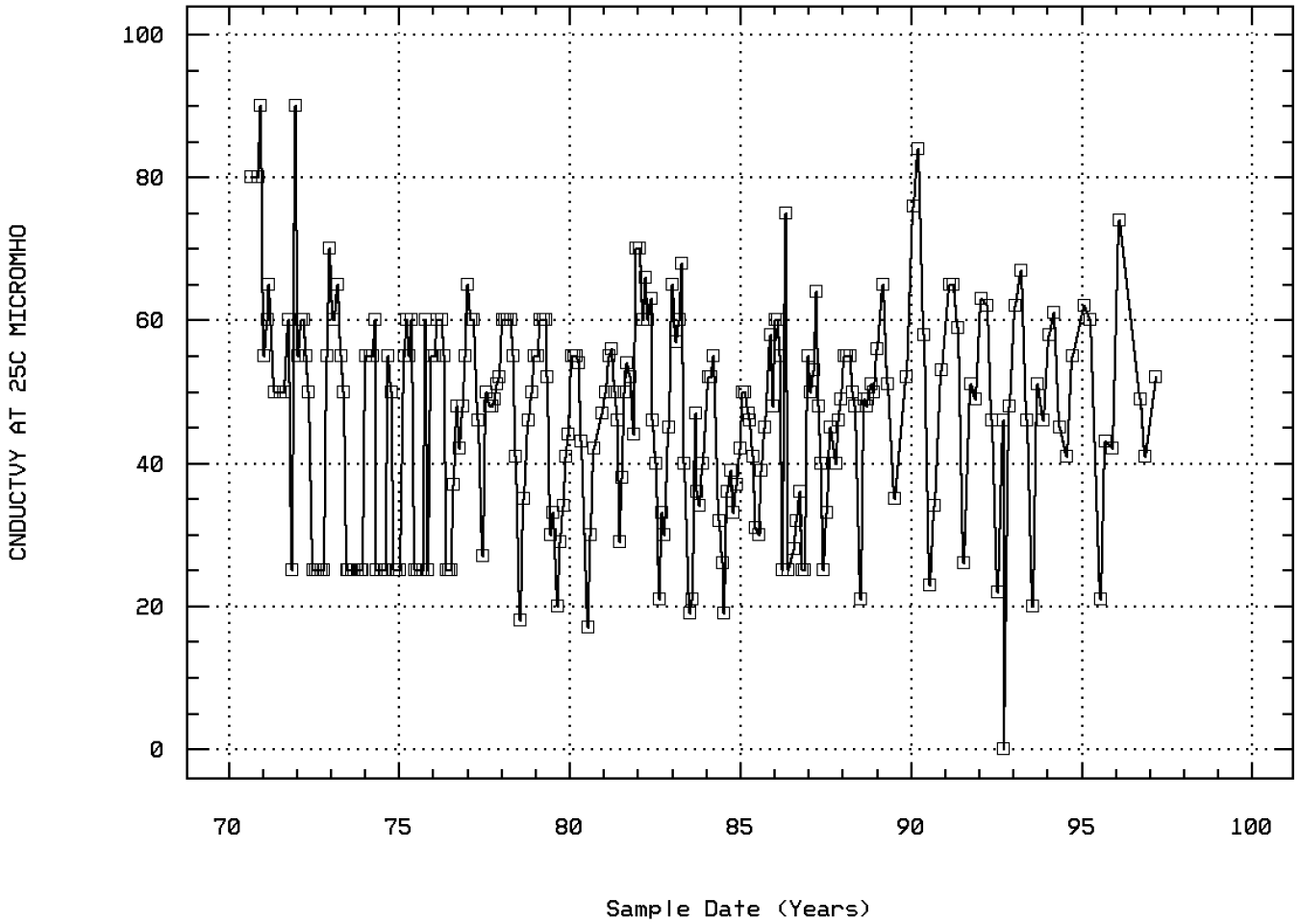
EPA Water Quality Criteria Analysis for Station: ROMO0410

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	246	1	0.00	94	1	0.01	111	0	0.00	41	0	0.00			
00400	PH	Fresh Chronic	9.	240	0	0.00	92	0	0.00	108	0	0.00	40	0	0.00			
		Other-Lo Lim.	6.5	240	8	0.03	92	4	0.04	108	2	0.02	40	2	0.05			
00403	PH, LAB	Fresh Chronic	9.	132	1	0.01	49	0	0.00	61	1	0.02	22	0	0.00			
		Other-Lo Lim.	6.5	132	0	0.00	49	0	0.00	61	0	0.00	22	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	43	0	0.00	14	0	0.00	22	0	0.00	7	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	13	0	0.00	4	0	0.00	7	0	0.00	2	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00							1	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	129	0	0.00	48	0	0.00	58	0	0.00	23	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	176	0	0.00	66	0	0.00	80	0	0.00	30	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	176	0	0.00	66	0	0.00	80	0	0.00	30	0	0.00			
		Drinking Water	250.	176	0	0.00	66	0	0.00	80	0	0.00	30	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	175	0	0.00	65	0	0.00	80	0	0.00	30	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	177	0	0.00	66	0	0.00	81	0	0.00	30	0	0.00			
01005	BARIUM, DISSOLVED	Drinking Water	2000.	42	0	0.00	14	0	0.00	22	0	0.00	6	0	0.00			
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	42	0	0.00	14	0	0.00	22	0	0.00	6	0	0.00			
		Drinking Water	4.	42	0	0.00	14	0	0.00	22	0	0.00	6	0	0.00			
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	84	0	0.00	32	0	0.00	37	0	0.00	15	0	0.00			
		Drinking Water	5.	84	0	0.00	32	0	0.00	37	0	0.00	15	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	42	0	0.00	14	0	0.00	22	0	0.00	6	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	84	1	0.01	32	1	0.03	37	0	0.00	15	0	0.00			
		Drinking Water	1300.	84	0	0.00	32	0	0.00	37	0	0.00	15	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	84	0	0.00	32	0	0.00	37	0	0.00	15	0	0.00			
		Drinking Water	15.	84	1	0.01	32	1	0.03	37	0	0.00	15	0	0.00			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	84	0	0.00	32	0	0.00	37	0	0.00	15	0	0.00			
		Drinking Water	100.	84	0	0.00	32	0	0.00	37	0	0.00	15	0	0.00			
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00				1	0	0.00						
		Drinking Water	100.	1	0	0.00				1	0	0.00						
01075	SILVER, DISSOLVED	Fresh Acute	4.1	42	0	0.00	14	0	0.00	22	0	0.00	6	0	0.00			
		Drinking Water	100.	42	0	0.00	14	0	0.00	22	0	0.00	6	0	0.00			
01077	SILVER, TOTAL	Fresh Acute	4.1	4	0	0.00	2	0	0.00				2	0	0.00			
		Drinking Water	100.	4	0	0.00	2	0	0.00				2	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	84	0	0.00	32	0	0.00	37	0	0.00	15	0	0.00			
		Drinking Water	5000.	84	0	0.00	32	0	0.00	37	0	0.00	15	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	107	0	0.00	43	0	0.00	45	0	0.00	19	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	73	0	0.00	29	0	0.00	33	0	0.00	11	0	0.00			
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	32	0	0.00	13	0	0.00	11	0	0.00	8	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00							1	0	0.00			
71856	NITRITE NITROGEN, DISSOLVED (AS NO2)	Drinking Water	3.3	1	0	0.00							1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station: ROMO0410 Parameter Code: 00095

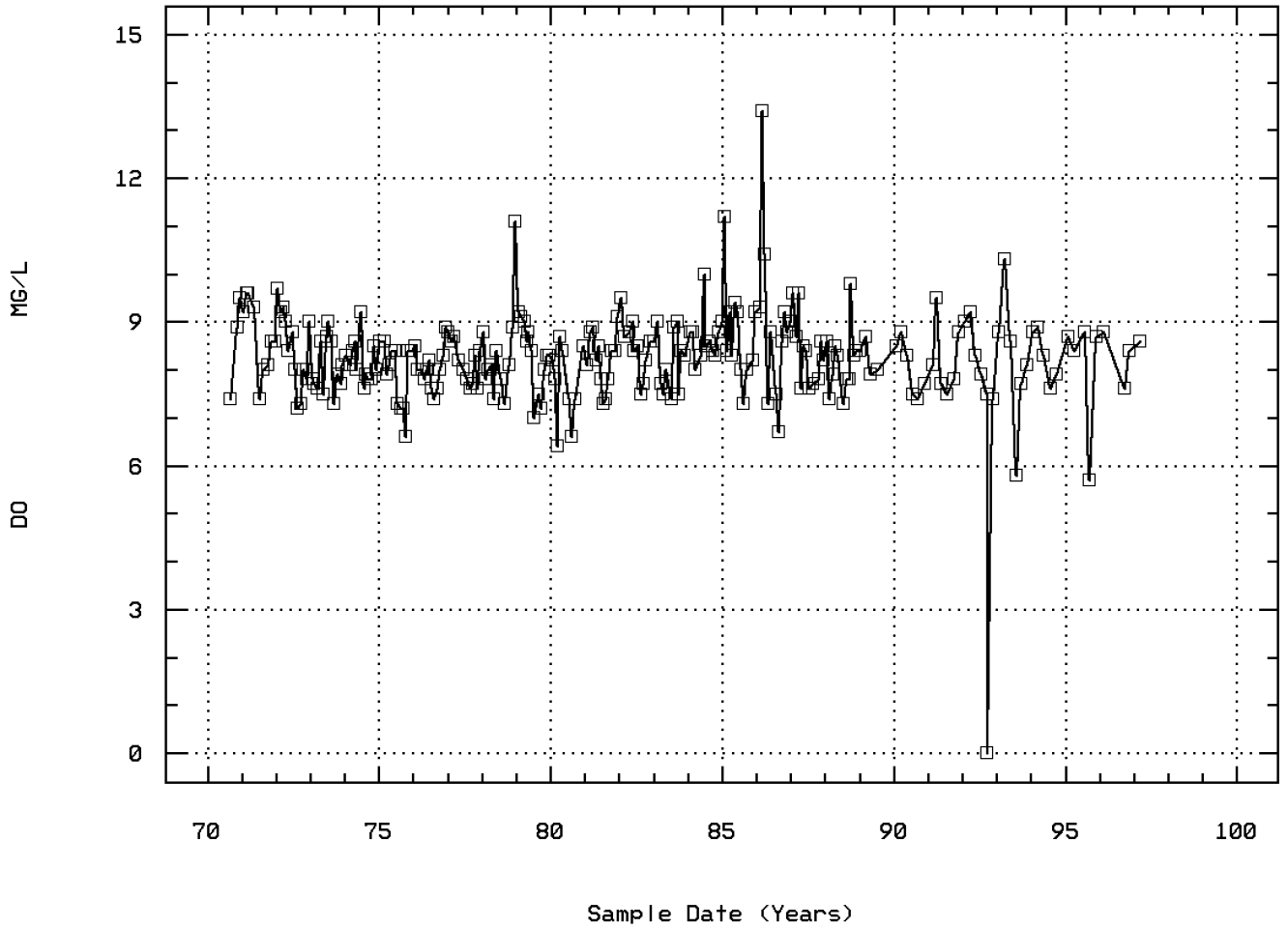
SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)



ALVA B ADAMS TUN AT E PORTAL, NR ESTES

Station: ROMO0410 Parameter Code: 00300

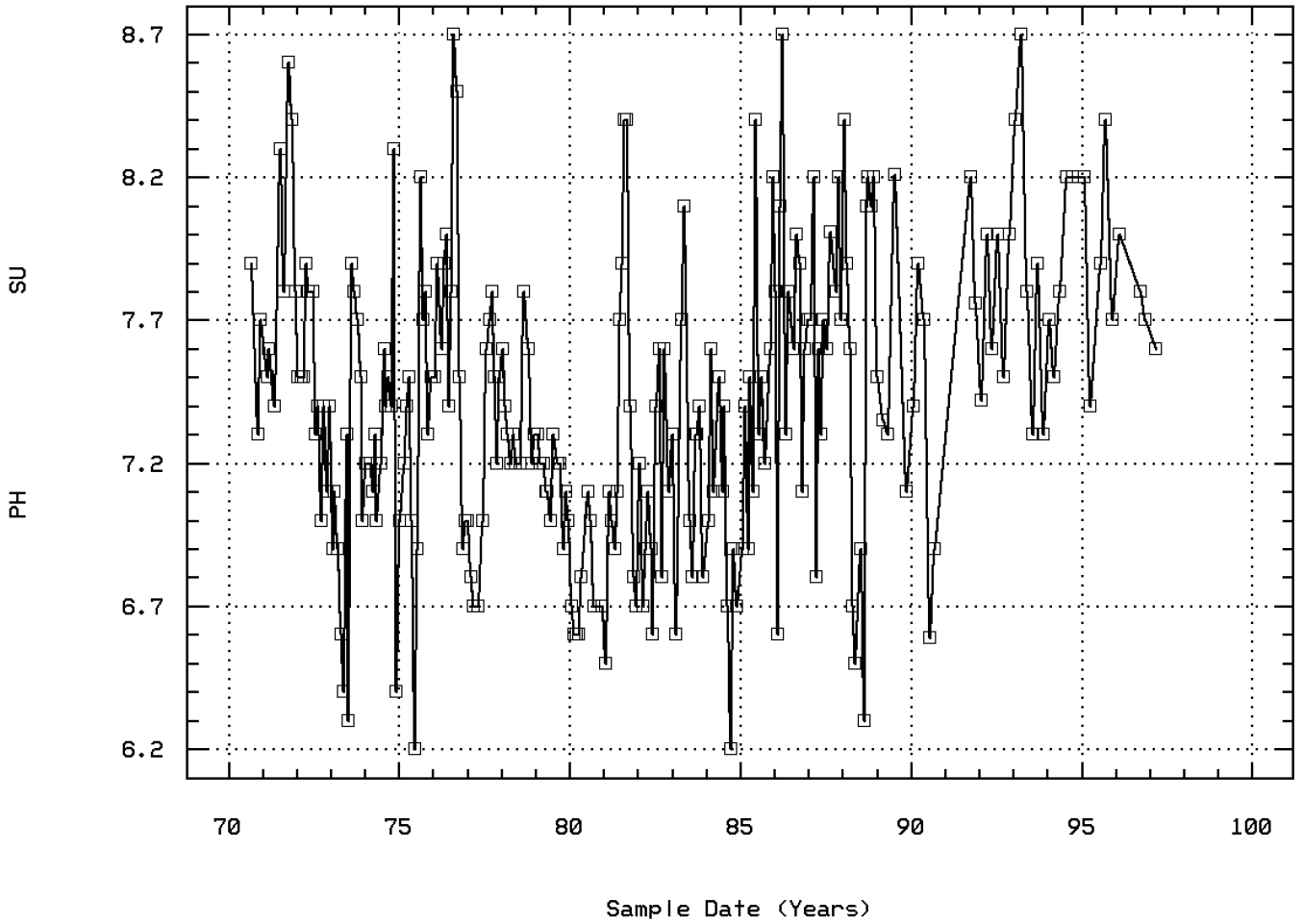
OXYGEN, DISSOLVED



ALVA B ADAMS TUN AT E PORTAL, NR ESTES

Station: ROMO0410 Parameter Code: 00400

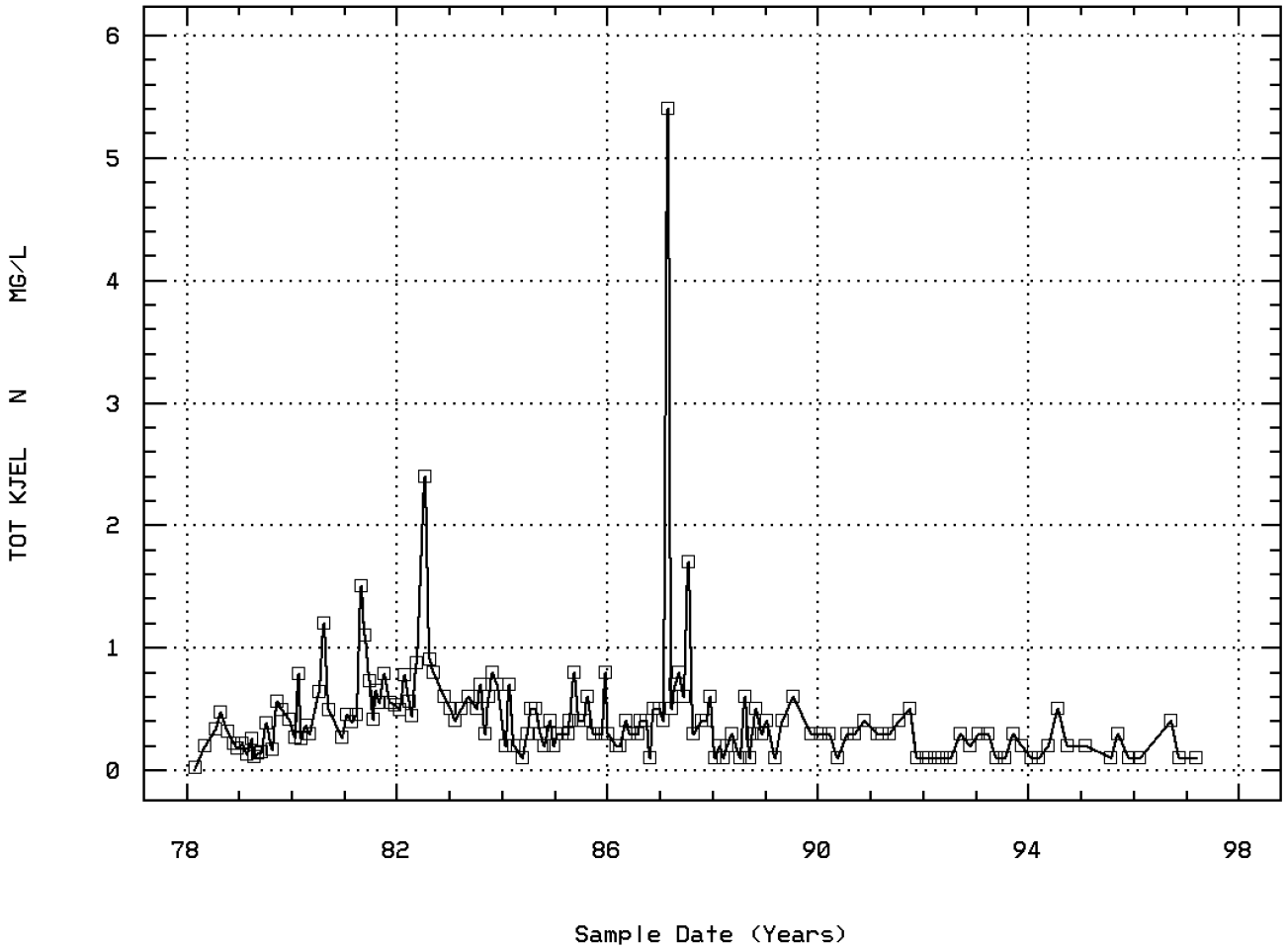
PH (STANDARD UNITS)



ALVA B ADAMS TUN AT E PORTAL, NR ESTES

Station: ROMO0410 Parameter Code: 00625

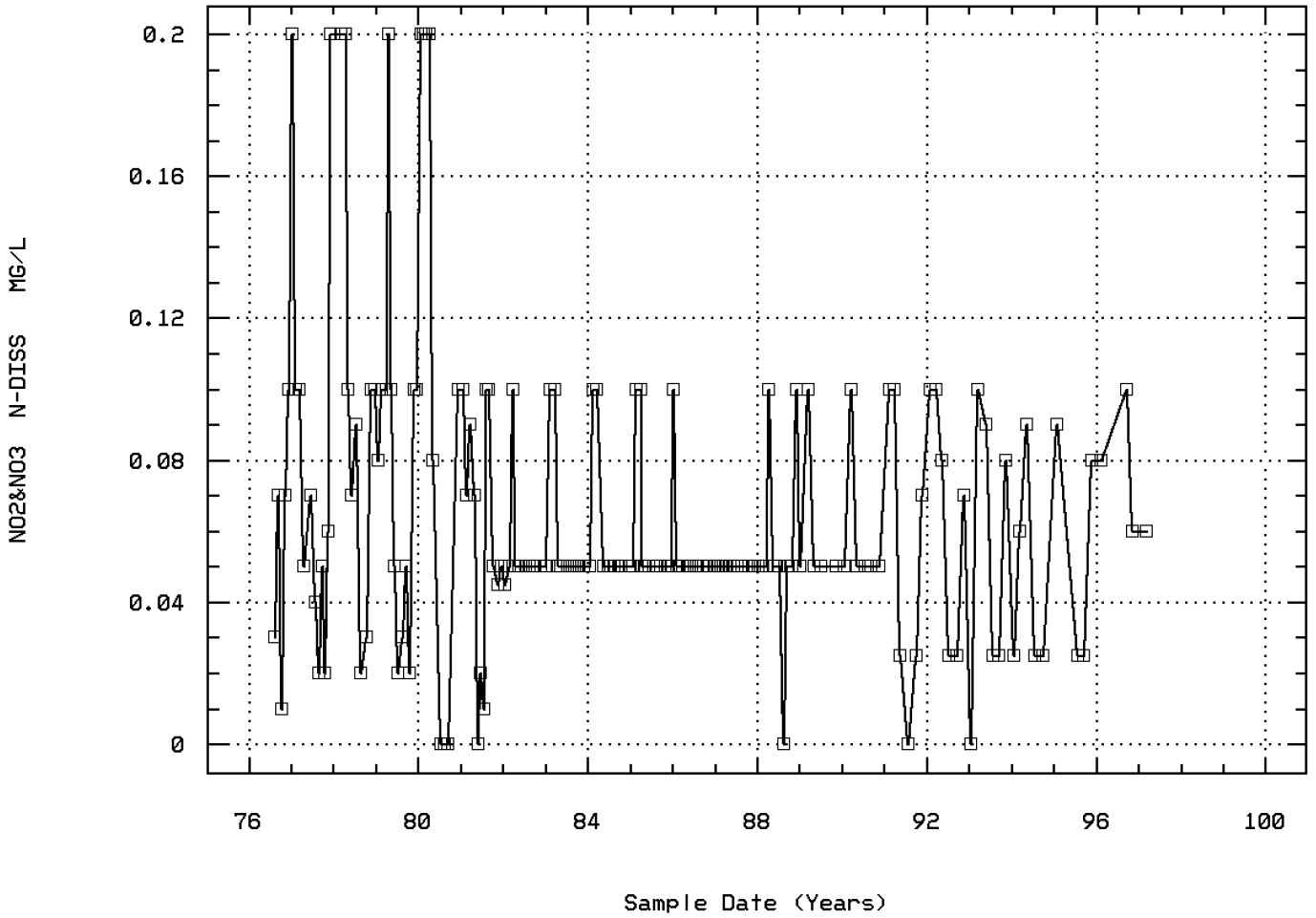
NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)



ALVA B ADAMS TUN AT E PORTAL, NR ESTES

Station: ROMO0410 Parameter Code: 00631

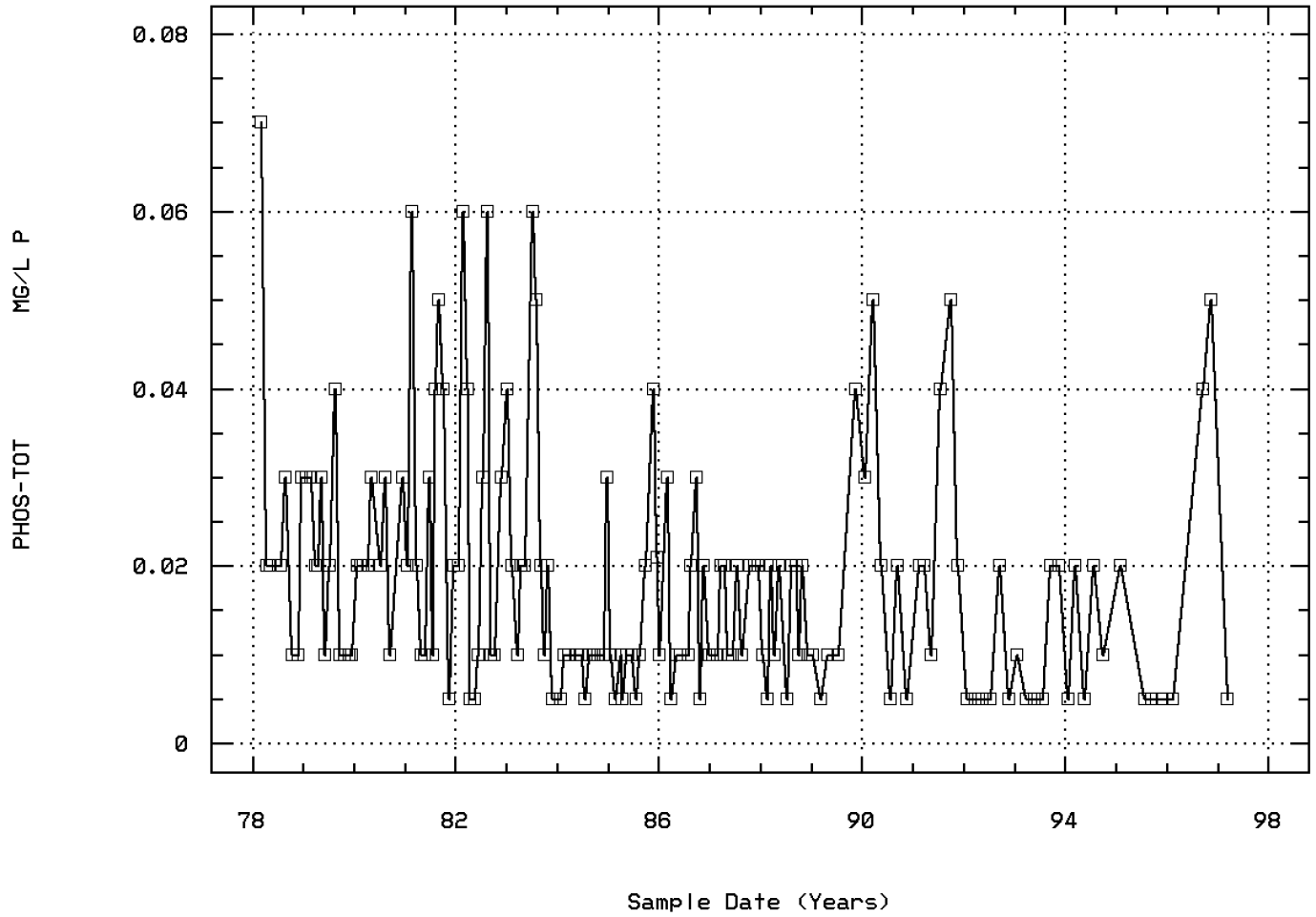
NITRITE PLUS NITRATE, DISS. 1 DET. (MG/



ALVA B ADAMS TUN AT E PORTAL, NR ESTES

Station: ROMO0410 Parameter Code: 00665

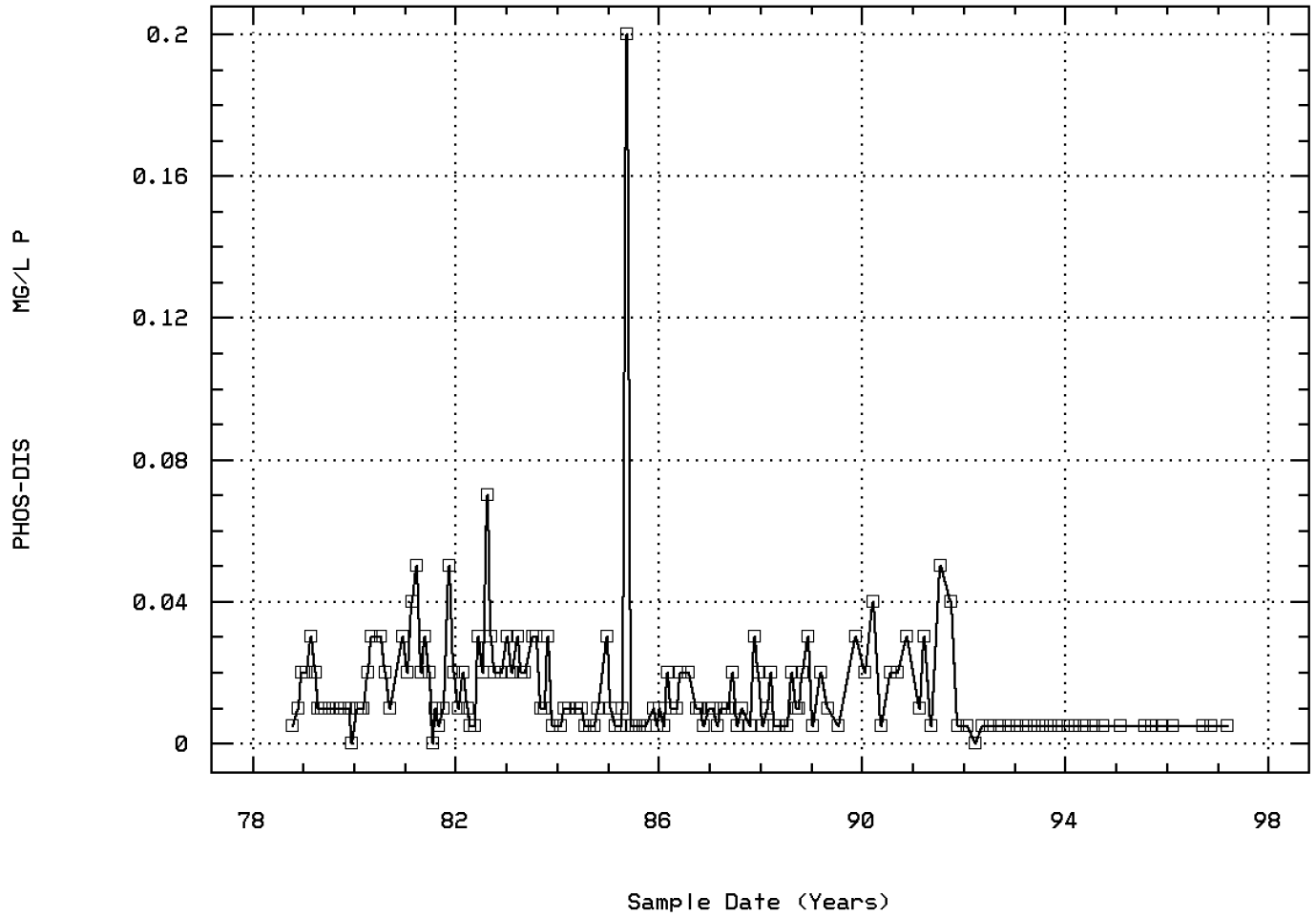
PHOSPHORUS, TOTAL (MG/L AS P)



ALVA B ADAMS TUN AT E PORTAL, NR ESTES

Station: ROMO0410 Parameter Code: 00666

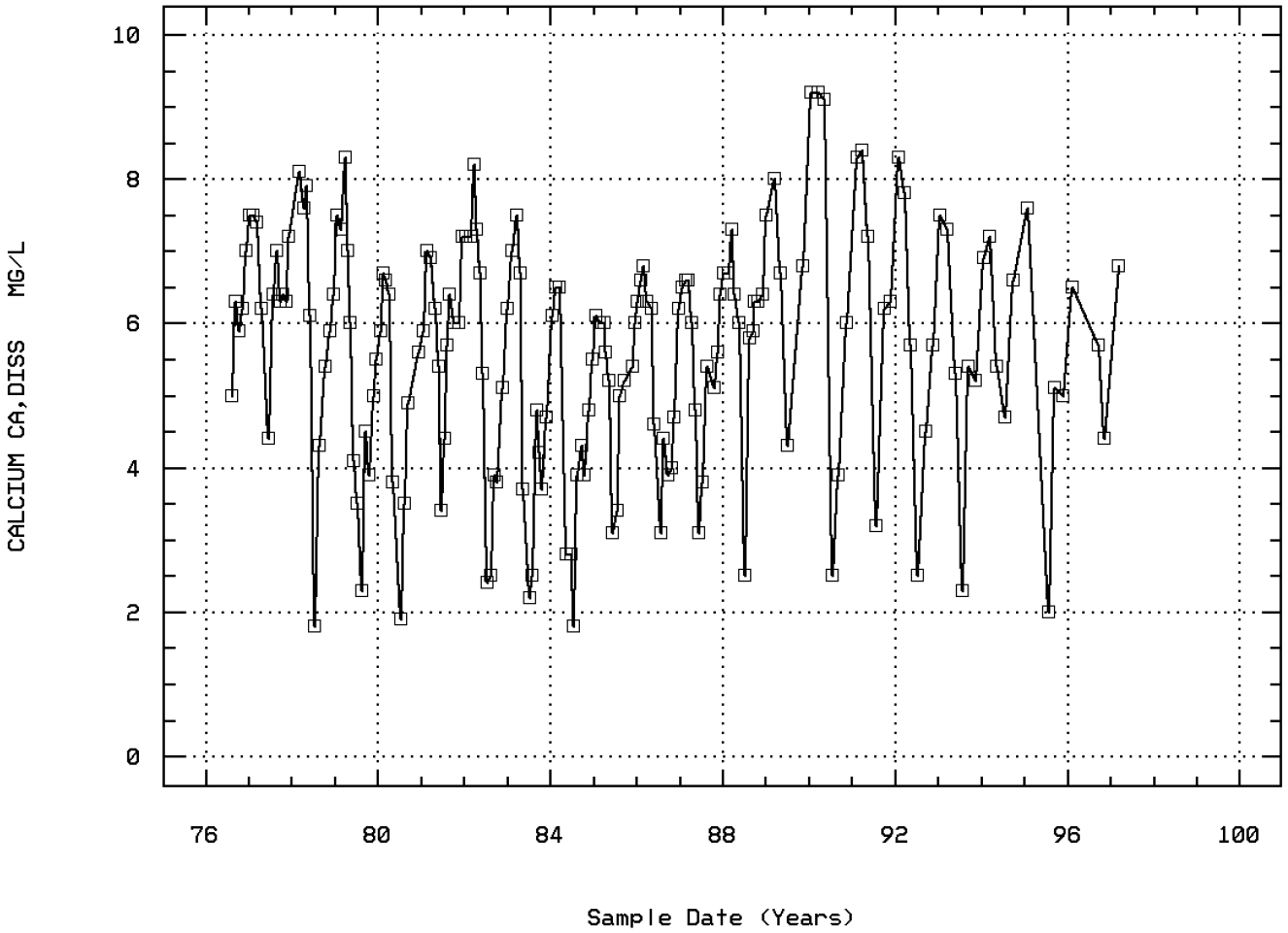
PHOSPHORUS, DISSOLVED (MG/L AS P)



ALVA B ADAMS TUN AT E PORTAL, NR ESTES

Station: ROMO0410 Parameter Code: 00915

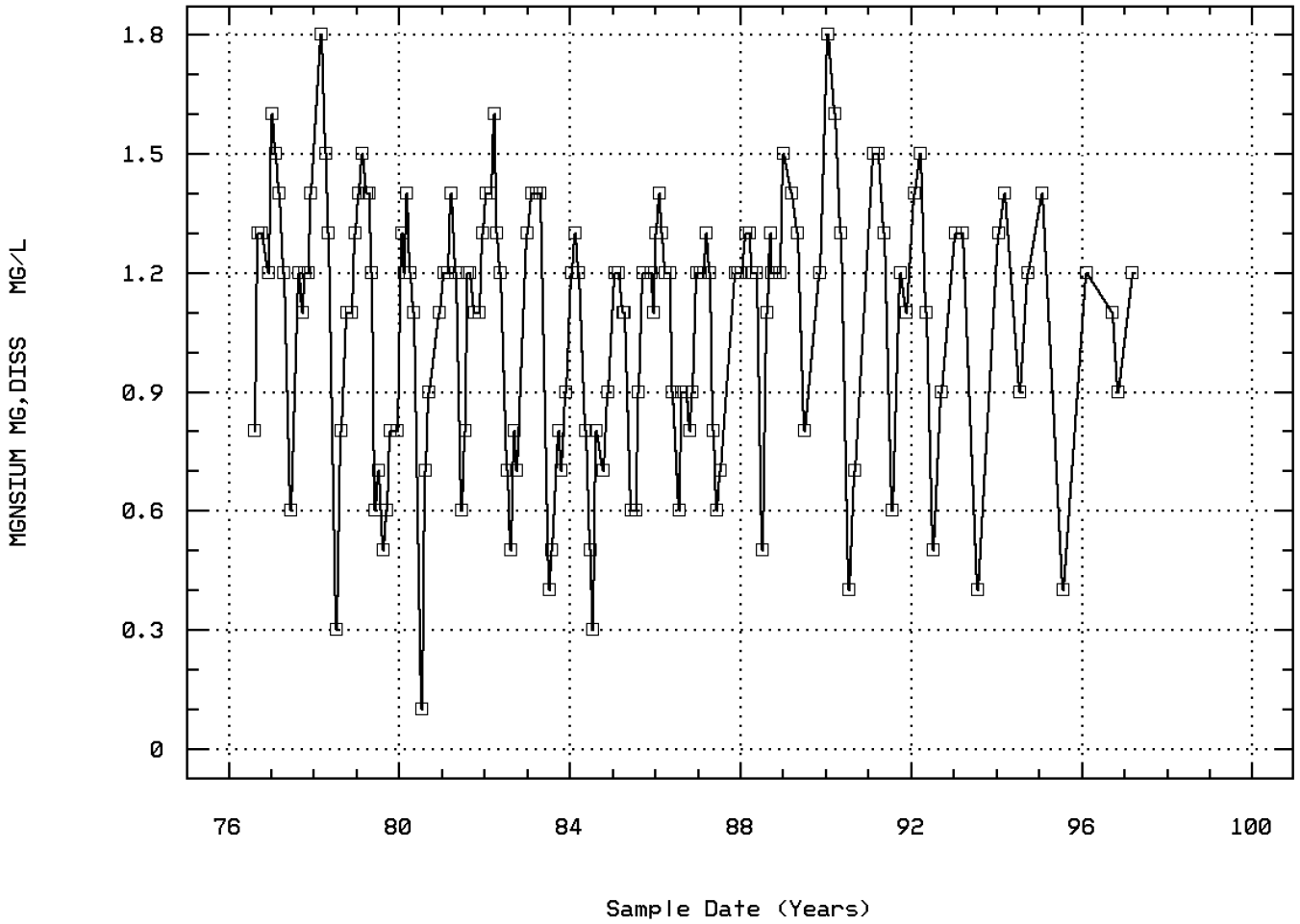
CALCIUM, DISSOLVED (MG/L AS CA)



ALVA B ADAMS TUN AT E PORTAL, NR ESTES

Station: ROMO0410 Parameter Code: 00925

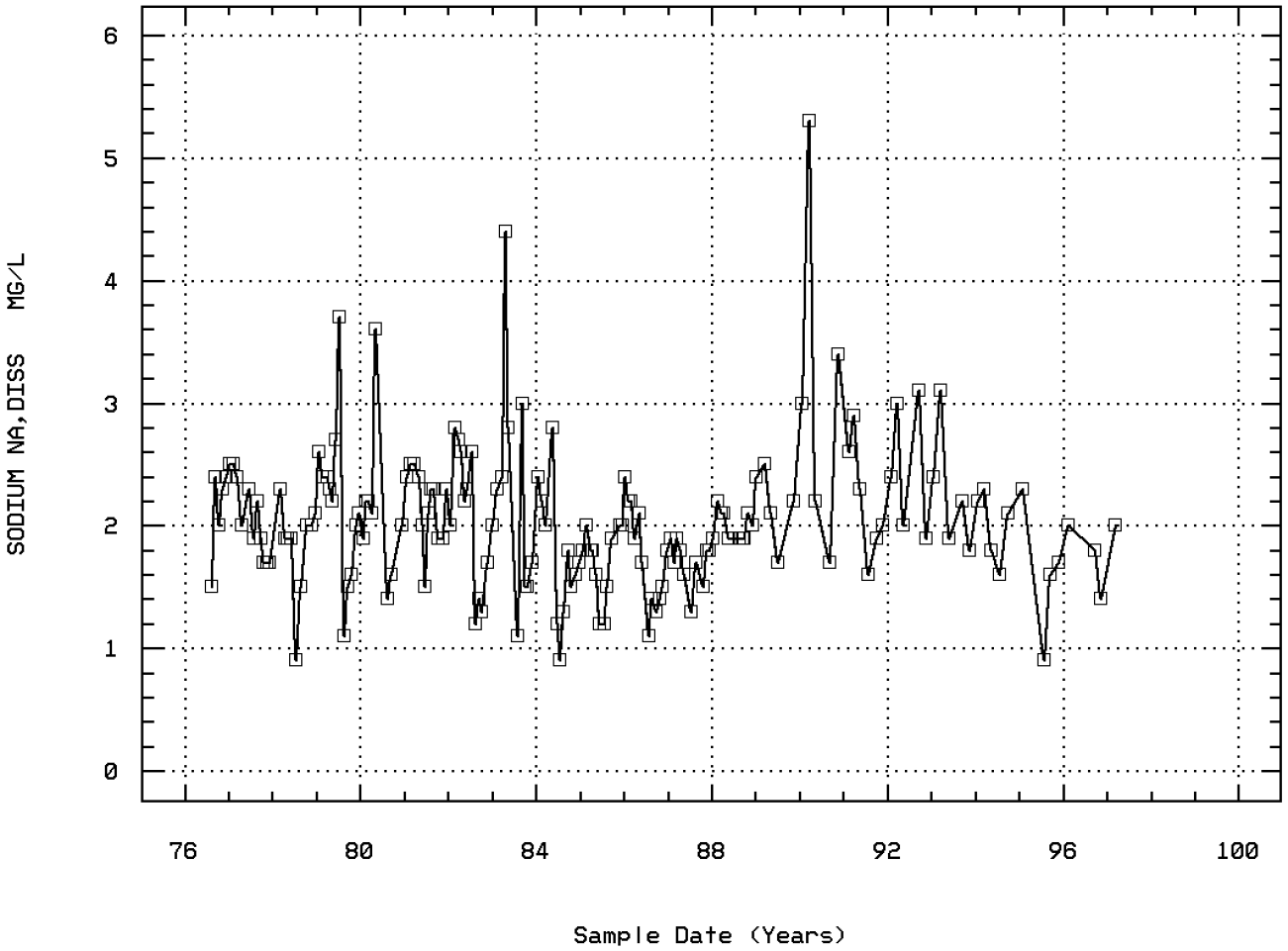
MAGNESIUM, DISSOLVED (MG/L AS MG)



ALVA B ADAMS TUN AT E PORTAL, NR ESTES

Station: ROMO0410 Parameter Code: 00930

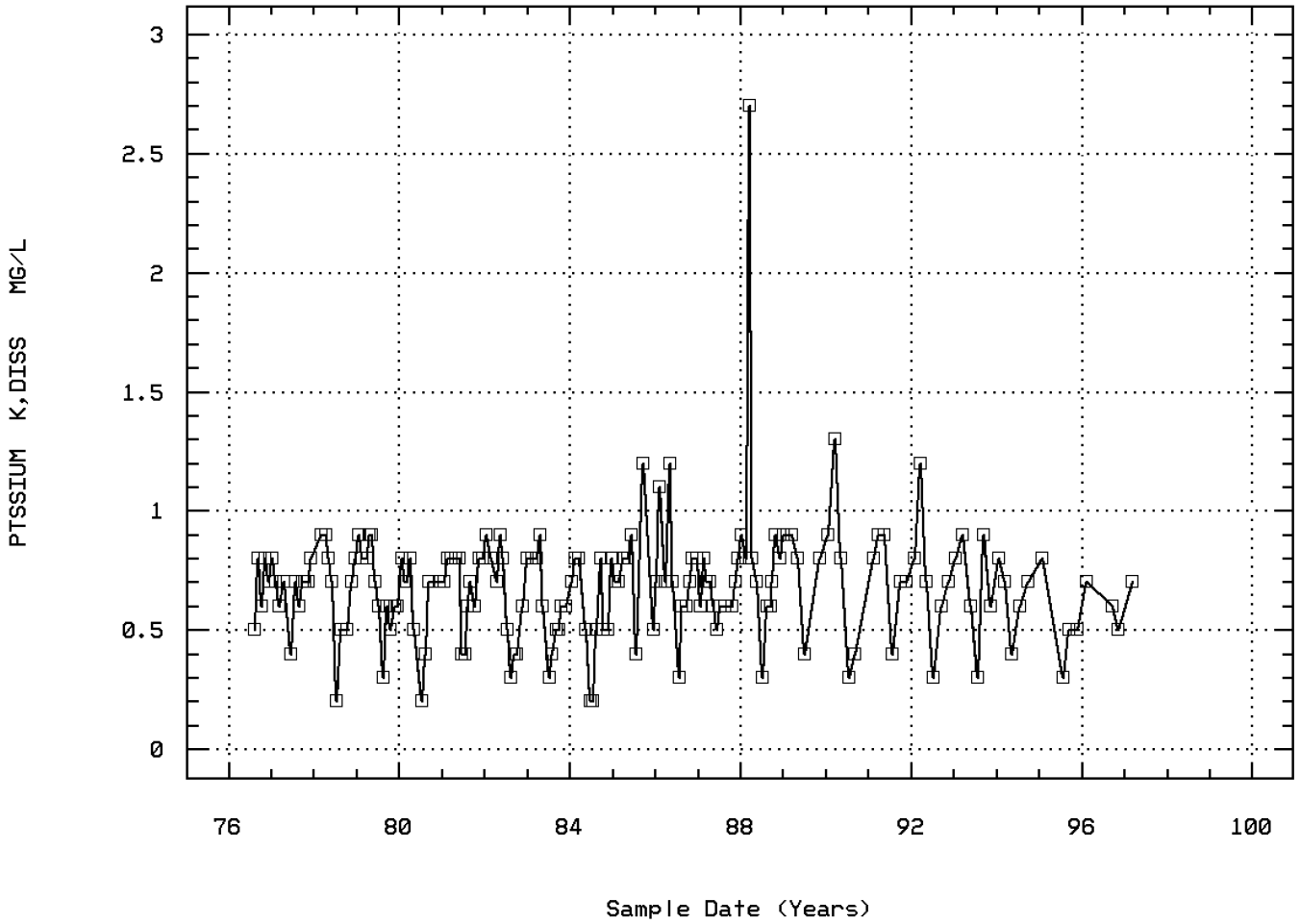
SODIUM, DISSOLVED (MG/L AS NA)



ALVA B ADAMS TUN AT E PORTAL, NR ESTES

Station: ROMO0410 Parameter Code: 00935

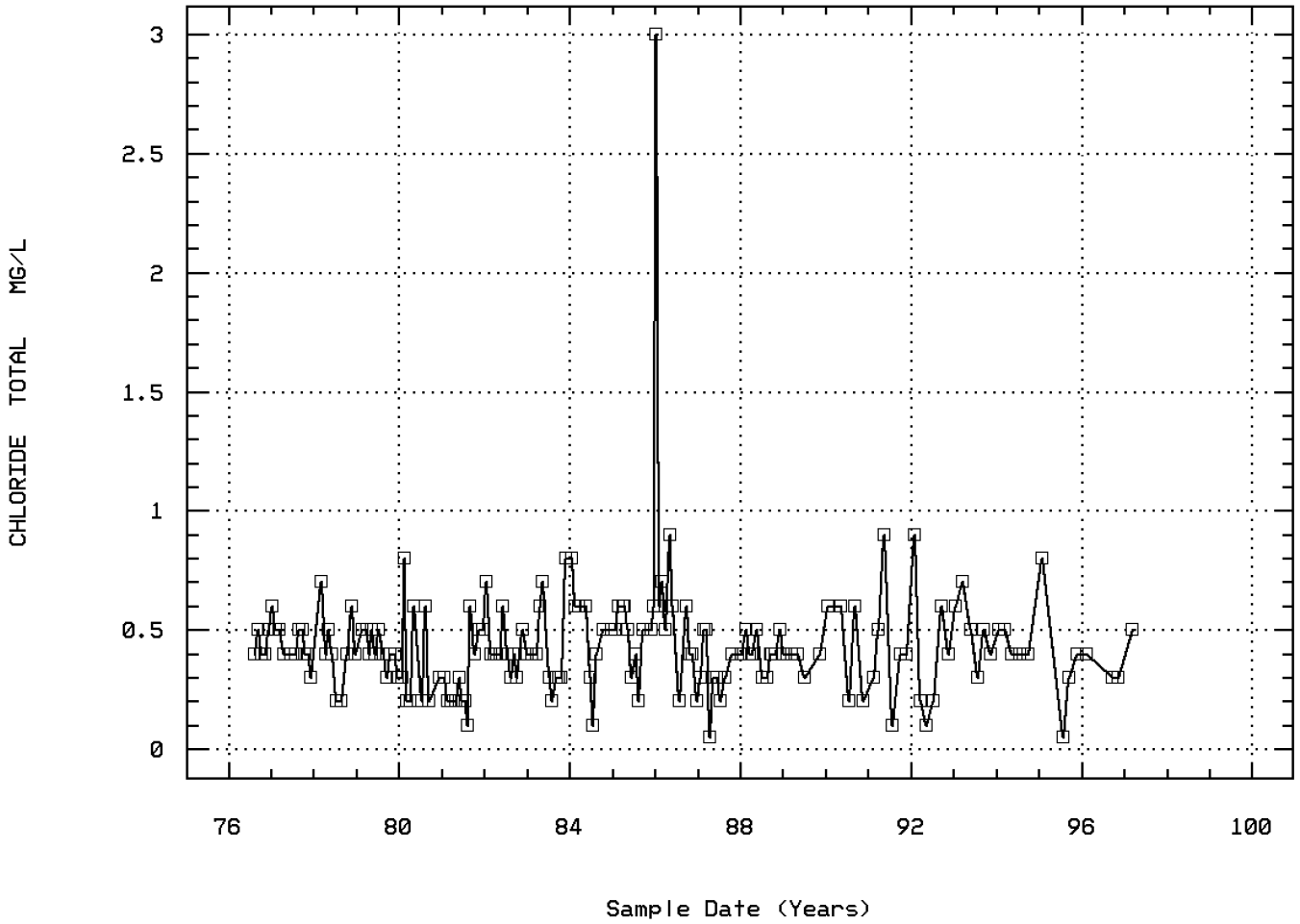
POTASSIUM, DISSOLVED (MG/L AS K)



ALVA B ADAMS TUN AT E PORTAL, NR ESTES

Station: ROMO0410 Parameter Code: 00940

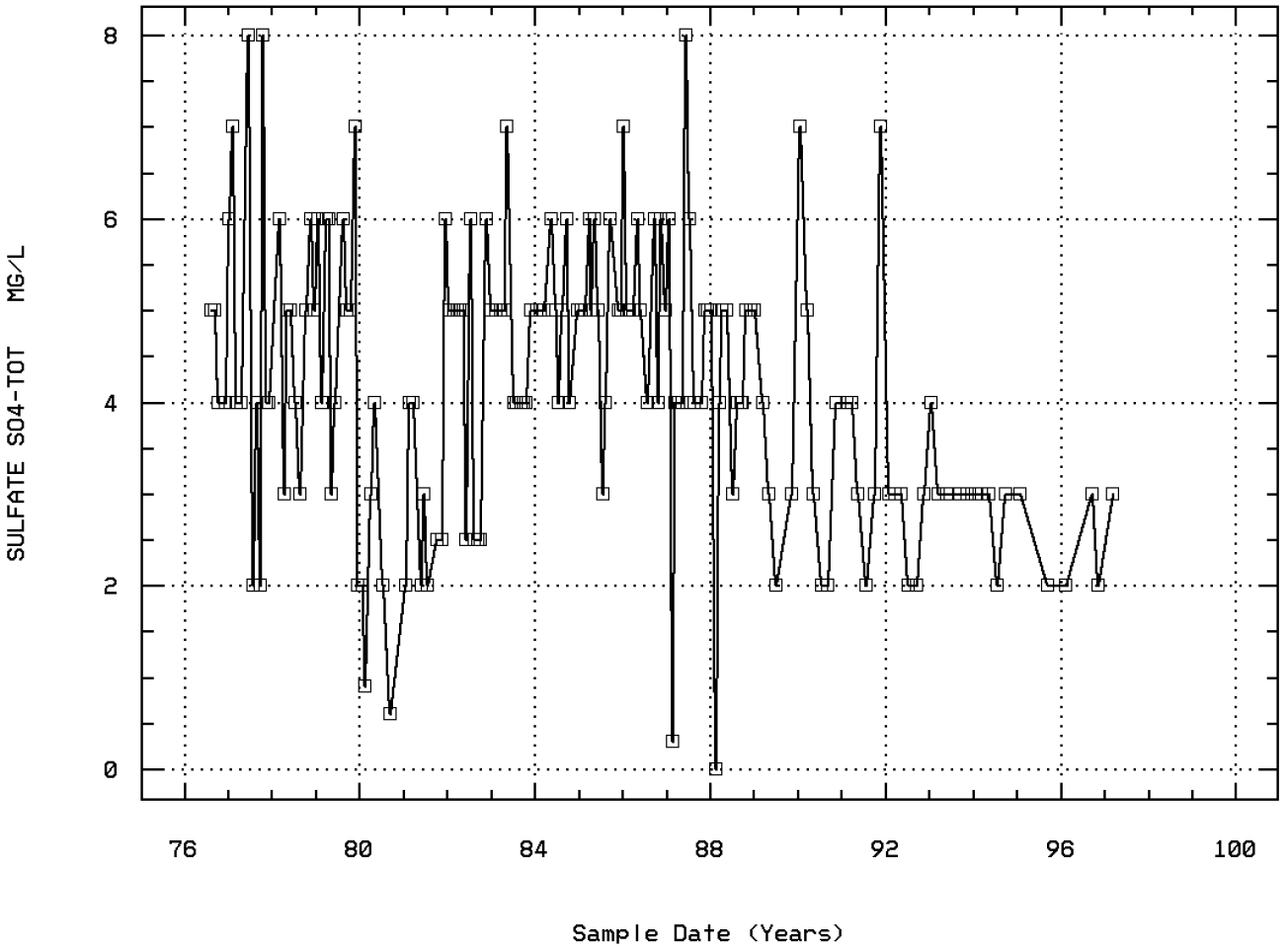
CHLORIDE,TOTAL IN WATER



ALVA B ADAMS TUN AT E PORTAL, NR ESTES

Station: ROMO0410 Parameter Code: 00945

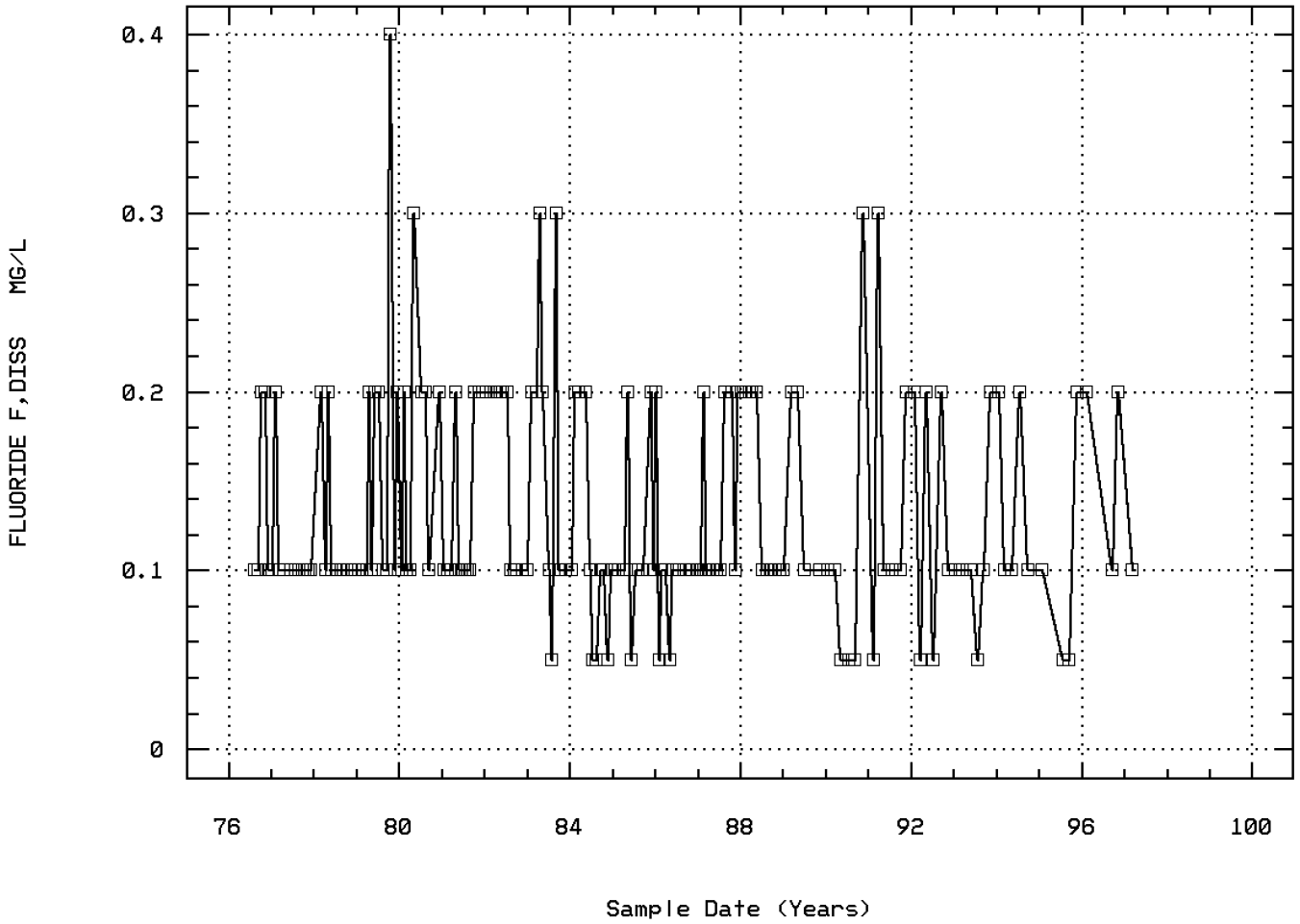
SULFATE, TOTAL (MG/L AS SO4)



ALVA B ADAMS TUN AT E PORTAL, NR ESTES

Station: ROMO0410 Parameter Code: 00950

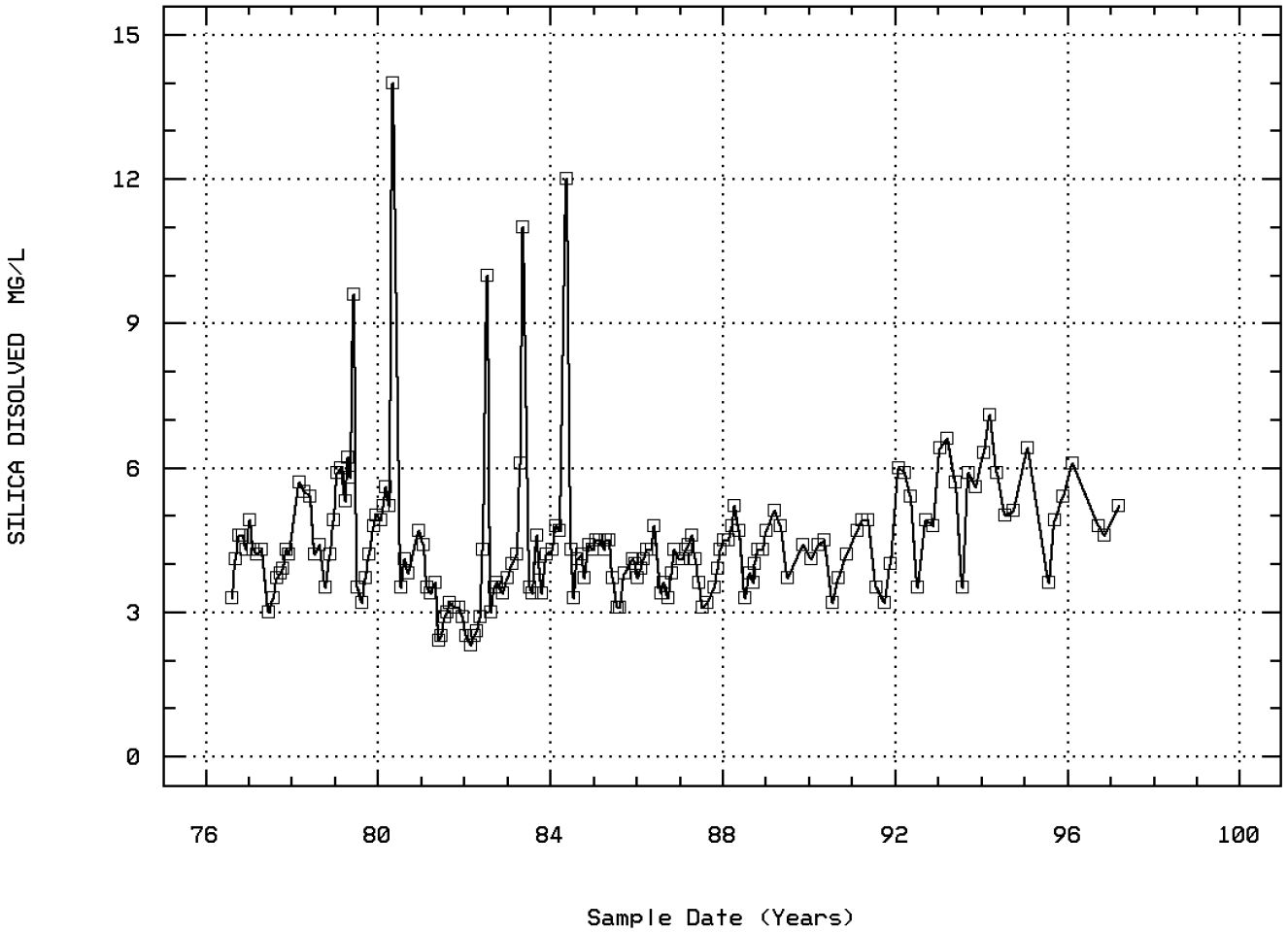
FLUORIDE, DISSOLVED (MG/L AS F)



ALVA B ADAMS TUN AT E PORTAL, NR ESTES

Station: ROMO0410 Parameter Code: 00955

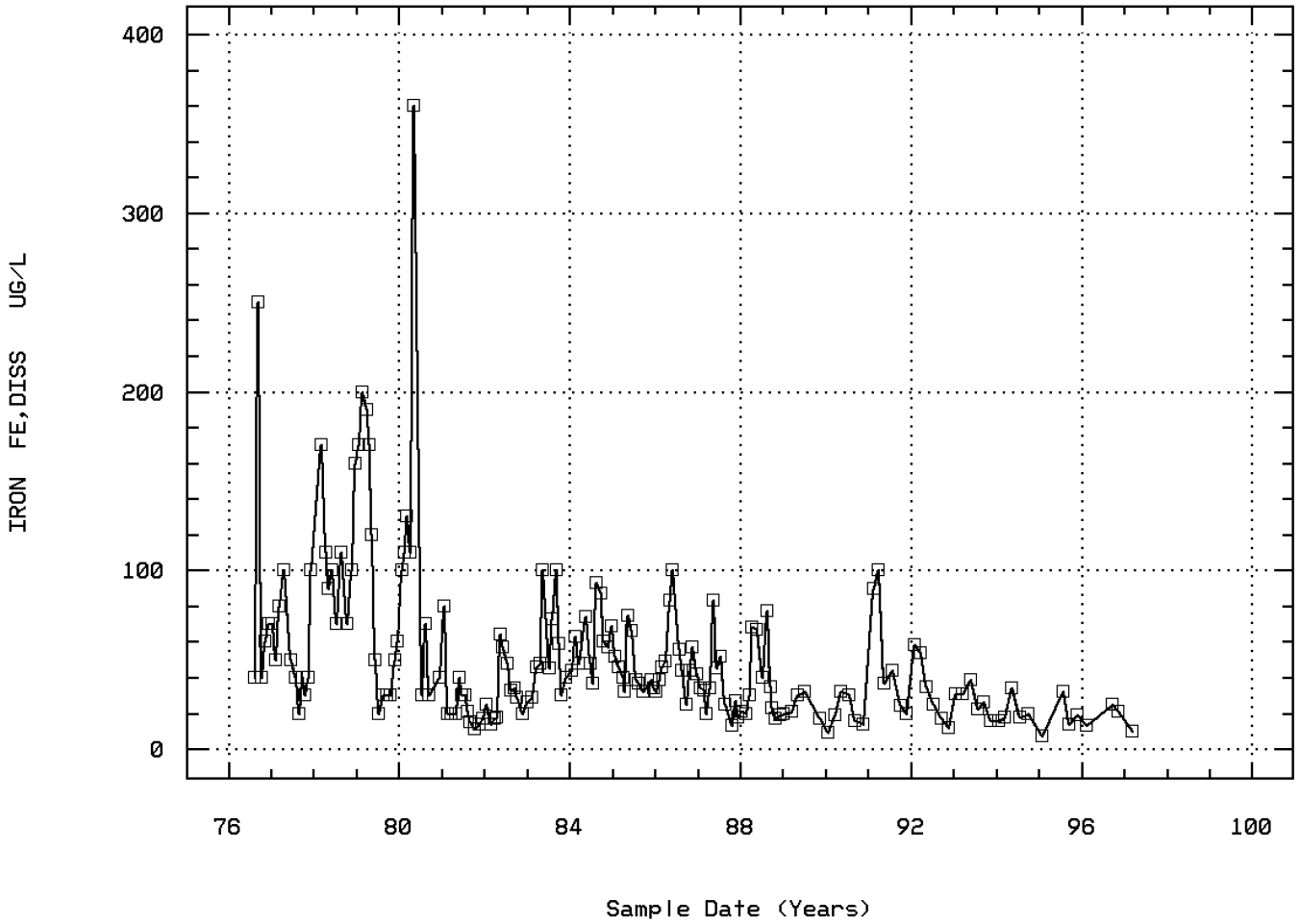
SILICA, DISSOLVED (MG/L AS SI02)



ALVA B ADAMS TUN AT E PORTAL, NR ESTES

Station: ROMO0410 Parameter Code: 01046

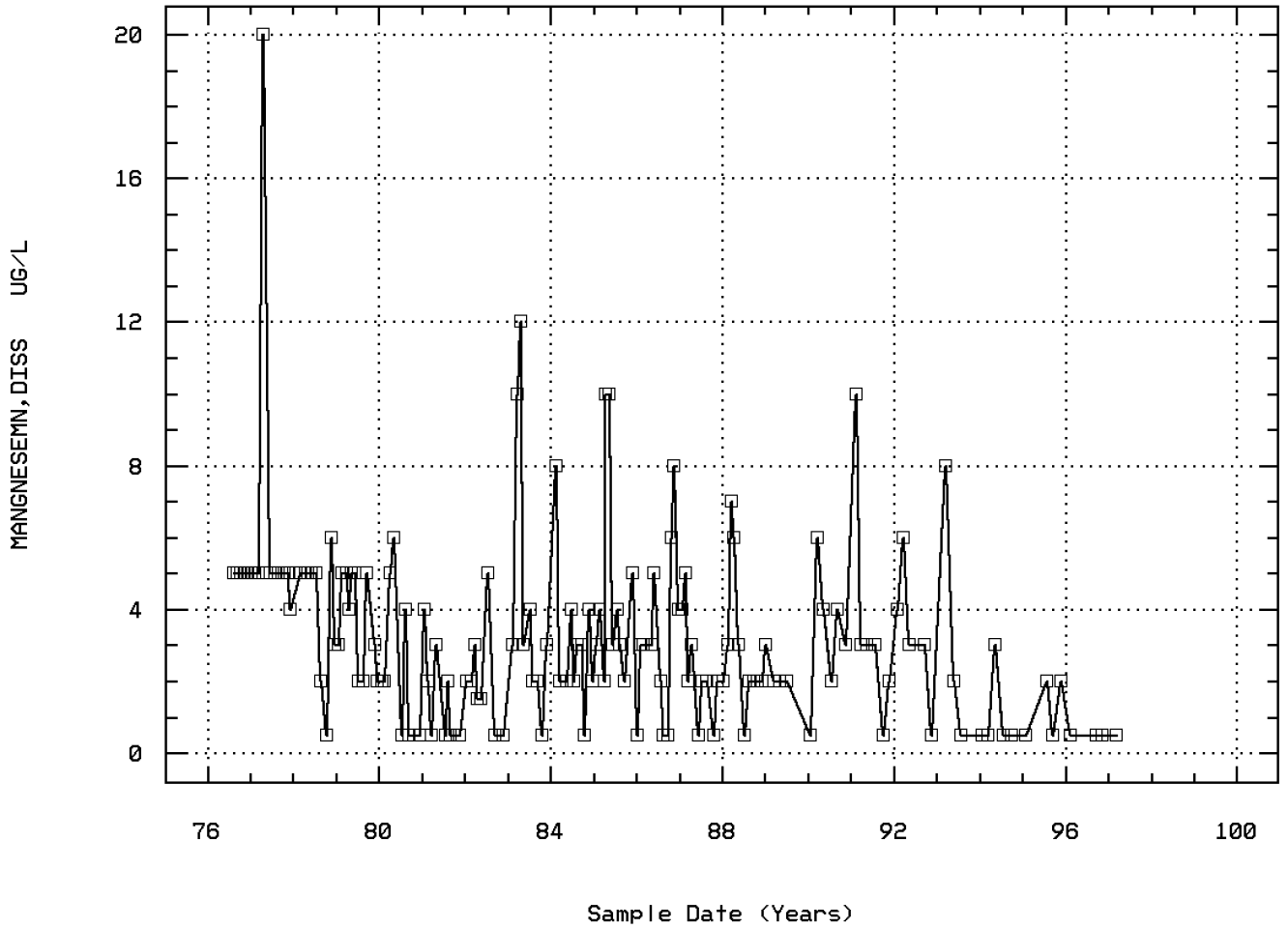
IRON, DISSOLVED (UG/L AS FE)



ALVA B ADAMS TUN AT E PORTAL, NR ESTES

Station: ROMO0410 Parameter Code: 01056

MANGANESE, DISSOLVED (UG/L AS MN)



ALVA B ADAMS TUN AT E PORTAL, NR ESTES

Annual Analysis for 1970 - Station ROMO0410

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/70-03/10/97	3	3.	7.667	17.	3.	65.333	8.083	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	11/20/70-09/14/76	2	200.	200.	300.	100.	20000.	141.421	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/70-03/10/97	3	80.	83.333	90.	80.	33.333	5.774	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/02/70-03/10/97	3	8.9	8.6	9.5	7.4	1.17	1.082	**	**	**	**
00400p	PH (STANDARD UNITS)	09/02/70-03/10/97	3	7.7	7.633	7.9	7.3	0.093	0.306	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	09/02/70-03/10/97	3	7.7	7.56	7.9	7.3	0.101	0.318	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/02/70-03/10/97	3	0.02	0.028	0.05	0.013	0.	0.02	**	**	**	**
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/02/70-09/17/80	3	13.	17.667	39.	1.	377.333	19.425	**	**	**	**
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/02/70-09/17/80	3	1.114	0.902	1.591	0.	0.667	0.816	**	**	**	**
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			7.974								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/02/70-02/10/77	3	1.	1.667	3.	1.	1.333	1.155	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/02/70-02/10/77	3	0.	0.159	0.477	0.	0.076	0.275	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.442								

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Annual Analysis for 1971 - Station ROMO0410

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/70-03/10/97	9	4.5	6.111	15.	2.	26.361	5.134	2.	2.	11.25	15.
00060	FLOW, STREAM, MEAN DAILY CFS	11/20/70-09/14/76	8	499.	389.	552.	0.	46187.429	214.913	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/70-03/10/97	9	55.	56.111	90.	25.	292.361	17.099	25.	50.	62.5	90.
00300p	OXYGEN, DISSOLVED MG/L	09/02/70-03/10/97	9	8.6	8.711	9.6	7.4	0.599	0.774	7.4	8.05	9.45	9.6
00400p	PH (STANDARD UNITS)	09/02/70-03/10/97	8	7.8	7.925	8.6	7.4	0.202	0.45	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	09/02/70-03/10/97	8	7.8	7.758	8.6	7.4	0.234	0.484	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/02/70-03/10/97	8	0.016	0.017	0.04	0.003	0.	0.014	**	**	**	**
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/02/70-09/17/80	9	4.	11.222	60.	0.	376.694	19.409	0.	0.	14.5	60.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/02/70-09/17/80	9	0.602	0.609	1.778	0.	0.438	0.662	0.	0.	1.128	1.778
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4.064								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/02/70-02/10/77	9	0.	0.778	4.	0.	1.944	1.394	0.	0.	1.5	4.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/02/70-02/10/77	9	0.	0.1	0.602	0.	0.045	0.213	0.	0.	0.151	0.602
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.26								

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Annual Analysis for 1972 - Station ROMO0410

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/70-03/10/97	12	4.75	6.958	16.	2.	26.294	5.128	2.	2.25	11.25	15.7
00060	FLOW, STREAM, MEAN DAILY CFS	11/20/70-09/14/76	12	499.	473.417	550.	400.	3693.538	60.774	400.	412.5	533.	549.4
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/70-03/10/97	12	52.5	44.167	70.	25.	308.333	17.559	25.	25.	58.75	67.
00300p	OXYGEN, DISSOLVED MG/L	09/02/70-03/10/97	12	8.6	8.475	9.7	7.2	0.662	0.814	7.23	7.85	9.15	9.58
00400p	PH (STANDARD UNITS)	09/02/70-03/10/97	12	7.45	7.467	7.9	7.	0.073	0.271	7.03	7.325	7.725	7.87
00400p	CONVERTED PH (STANDARD UNITS)	09/02/70-03/10/97	12	7.447	7.391	7.9	7.	0.08	0.282	7.03	7.325	7.725	7.87
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/02/70-03/10/97	12	0.036	0.041	0.1	0.013	0.001	0.026	0.014	0.02	0.048	0.094
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/02/70-09/17/80	12	1.5	2.083	8.	0.	5.72	2.392	0.	0.	3.75	6.8
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/02/70-09/17/80	12	0.151	0.266	0.903	0.	0.1	0.317	0.	0.	0.571	0.813
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.843								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/02/70-02/10/77	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/02/70-02/10/77	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.								

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Annual Analysis for 1973 - Station ROMO0410

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/70-03/10/97	12	4.5	6.75	16.	1.5	26.523	5.15	1.65	3.	12.375	15.4
00060	FLOW, STREAM, MEAN DAILY CFS	11/20/70-09/14/76	12	412.	378.617	552.	0.4	24301.836	155.89	53.68	323.25	459.5	552.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/70-03/10/97	12 ##	25.	38.75	65.	25.	300.568	17.337	25.	25.	58.75	63.5
00300p	OXYGEN, DISSOLVED MG/L	09/02/70-03/10/97	12	7.85	8.042	9.	7.3	0.303	0.55	7.36	7.625	8.6	8.91
00400p	PH (STANDARD UNITS)	09/02/70-03/10/97	12	7.05	7.117	7.9	6.3	0.287	0.536	6.33	6.675	7.65	7.87
00400p	CONVERTED PH (STANDARD UNITS)	09/02/70-03/10/97	12	7.047	6.846	7.9	6.3	0.367	0.606	6.33	6.675	7.65	7.87
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/02/70-03/10/97	12	0.09	0.143	0.501	0.013	0.026	0.16	0.014	0.023	0.22	0.47
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/02/70-09/17/80	12	1.	3.167	23.	0.	42.152	6.492	0.	0.	2.75	17.9
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/02/70-09/17/80	12	0.	0.268	1.362	0.	0.182	0.427	0.	0.	0.433	1.187
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.855								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/02/70-02/10/77	12	0.	0.167	1.	0.	0.152	0.389	0.	0.	0.	1.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/02/70-02/10/77	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.								

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Annual Analysis for 1974 - Station ROMO0410

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/70-03/10/97	12	4.5	6.833	15.	2.	24.924	4.992	2.	2.25	11.375	15.
00060	FLOW, STREAM, MEAN DAILY CFS	11/20/70-09/14/76	9	504.	501.	548.	435.	1766.5	42.03	435.	463.	538.5	548.
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/09/74-03/10/97	8	492.5	483.125	548.	435.	1742.696	41.746	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/70-03/10/97	12 ##	37.5	40.	60.	25.	250.	15.811	25.	25.	55.	58.5
00300p	OXYGEN, DISSOLVED MG/L	09/02/70-03/10/97	12	8.05	8.183	9.2	7.6	0.196	0.443	7.66	7.825	8.475	9.02
00400p	PH (STANDARD UNITS)	09/02/70-03/10/97	12	7.25	7.3	8.3	6.4	0.193	0.439	6.58	7.125	7.475	8.09
00400p	CONVERTED PH (STANDARD UNITS)	09/02/70-03/10/97	12	7.247	7.098	8.3	6.4	0.237	0.487	6.58	7.125	7.475	8.09
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/02/70-03/10/97	12	0.057	0.08	0.398	0.005	0.011	0.103	0.011	0.034	0.075	0.309
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/02/70-09/17/80	12	9.	38.458	245.	0.5	5349.157	73.138	0.95	3.	33.75	207.5
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/02/70-09/17/80	12	0.952	0.972	2.389	-0.301	0.59	0.768	-0.12	0.477	1.496	2.296
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			9.369								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/02/70-02/10/77	12	1.	2.792	9.	0.	11.021	3.32	0.	0.5	4.75	9.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/02/70-02/10/77	12	0.	0.232	0.954	-0.301	0.23	0.479	0.	-0.301	0.675	0.954
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.706								

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Annual Analysis for 1975 - Station ROMO0410

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/70-03/10/97	12	4.5	6.375	15.	1.5	24.551	4.955	1.5	2.25	11.875	14.4
00060	FLOW, STREAM, MEAN DAILY CFS	11/20/70-09/14/76	3	356.	404.333	542.	315.	14634.333	120.972	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/09/74-03/10/97	9	410.	354.333	546.	7.	40125.75	200.314	7.	205.	478.5	546.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/70-03/10/97	12 ##	40.	41.25	60.	25.	291.477	17.073	25.	25.	58.75	60.
00300p	OXYGEN, DISSOLVED MG/L	09/02/70-03/10/97	12	8.25	7.925	8.6	6.6	0.458	0.677	6.78	7.225	8.4	8.6
00400p	PH (STANDARD UNITS)	09/02/70-03/10/97	12	7.35	7.308	8.2	6.2	0.261	0.511	6.41	7.	7.65	8.08
00400p	CONVERTED PH (STANDARD UNITS)	09/02/70-03/10/97	12	7.347	6.995	8.2	6.2	0.368	0.607	6.41	7.	7.65	8.08
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/02/70-03/10/97	12	0.045	0.101	0.631	0.006	0.029	0.171	0.009	0.023	0.1	0.479
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/02/70-09/17/80	12	2.	8.375	38.	0.5	141.506	11.896	0.65	1.25	16.5	33.2
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/02/70-09/17/80	12	0.301	0.542	1.58	-0.301	0.353	0.594	-0.211	0.075	1.17	1.509
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.485								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/02/70-02/10/77	12 ##	0.5	0.708	2.	0.5	0.203	0.45	0.5	0.5	0.875	1.7
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/02/70-02/10/77	12 ##	-0.301	-0.201	0.301	-0.301	0.038	0.196	-0.301	-0.301	-0.075	0.211
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			0.63								

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Annual Analysis for 1976 - Station ROMO0410

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/70-03/10/97	12	6.	7.208	16.5	1.5	30.248	5.5	1.65	2.25	12.	16.5
00060	FLOW, STREAM, MEAN DAILY CFS	11/20/70-09/14/76	9	384.	369.333	525.	104.	16407.	128.09	104.	302.	466.5	525.
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/09/74-03/10/97	5	498.	489.6	538.	415.	2814.3	53.05	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/70-03/10/97	12	48.	44.583	60.	25.	185.356	13.615	25.	28.	55.	60.
00300p	OXYGEN, DISSOLVED MG/L	09/02/70-03/10/97	12	8.	8.025	8.9	7.4	0.173	0.416	7.46	7.65	8.275	8.78
00400p	PH (STANDARD UNITS)	09/02/70-03/10/97	12	7.7	7.725	8.7	6.9	0.284	0.533	6.93	7.425	7.975	8.64
00400p	CONVERTED PH (STANDARD UNITS)	09/02/70-03/10/97	12	7.689	7.466	8.7	6.9	0.357	0.597	6.93	7.425	7.975	8.64
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/02/70-03/10/97	12	0.02	0.034	0.126	0.002	0.002	0.039	0.002	0.011	0.038	0.118
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/11/76-03/10/97	5	0.07	0.056	0.1	0.01	0.001	0.036	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/11/76-03/23/83	5	20.	19.8	22.	16.	5.2	2.28	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/11/76-02/25/81	5	1.	1.8	5.	0.	4.7	2.168	**	**	**	**
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	08/11/76-03/10/97	5	6.2	6.08	7.	5.	0.527	0.726	**	**	**	**
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/11/76-03/10/97	5	1.2	1.12	1.3	0.8	0.047	0.217	**	**	**	**
00930p	SODIUM, DISSOLVED (MG/L AS NA)	08/11/76-03/10/97	5	2.3	2.12	2.4	1.5	0.147	0.383	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/11/76-03/23/83	5	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	08/11/76-03/23/83	5	18.	18.2	20.	17.	1.7	1.304	**	**	**	**
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	08/11/76-03/10/97	5	0.7	0.68	0.8	0.5	0.017	0.13	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	08/11/76-03/10/97	5	0.4	0.44	0.5	0.4	0.003	0.055	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	08/11/76-03/10/97	5	4.	3.8	5.	1.	2.7	1.643	**	**	**	**
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	08/11/76-03/10/97	5	0.1	0.14	0.2	0.1	0.003	0.055	**	**	**	**
00955p	SILICA, DISSOLVED (MG/L AS SI02)	08/11/76-03/10/97	5	4.3	4.18	4.6	3.3	0.287	0.536	**	**	**	**
01046p	IRON, DISSOLVED (UG/L AS FE)	08/11/76-03/10/97	5	60.	92.	250.	40.	7970.	89.275	**	**	**	**
01056p	MANGANESE, DISSOLVED (UG/L AS MN)	08/11/76-03/10/97	5 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/02/70-09/17/80	12	1.	12.333	72.	0.5	429.788	20.731	0.5	0.5	16.75	58.2
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/02/70-09/17/80	12	0.	0.465	1.857	-0.301	0.668	0.817	-0.301	-0.301	1.224	1.725
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.919								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/02/70-02/10/77	11 ##	0.5	3.091	13.	0.5	17.541	4.188	0.5	0.5	6.	12.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/02/70-02/10/77	11 ##	-0.301	0.133	1.114	-0.301	0.324	0.569	-0.301	-0.301	0.778	1.072
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.359								
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/11/76-04/16/87	5	31.	30.	32.	26.	6.5	2.55	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	08/11/76-03/23/83	5	39.7	39.5	46.5	28.4	47.965	6.926	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/11/76-03/23/83	5	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**

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Annual Analysis for 1977 - Station ROMO0410

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/70-03/10/97	11	8.	7.955	17.	2.	33.323	5.773	2.	2.	13.	16.8
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/09/74-03/10/97	12	495.5	476.167	546.	404.	3544.333	59.534	405.2	411.25	536.25	545.4
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/70-03/10/97	11	50.	50.545	65.	27.	98.073	9.903	30.8	48.	60.	64.
00300p	OXYGEN, DISSOLVED MG/L	09/02/70-03/10/97	11	8.2	8.155	8.8	7.6	0.197	0.444	7.6	7.7	8.6	8.78
00400p	PH (STANDARD UNITS)	09/02/70-03/10/97	11	7.2	7.227	7.8	6.7	0.168	0.41	6.7	6.8	7.6	7.78
00400p	CONVERTED PH (STANDARD UNITS)	09/02/70-03/10/97	11	7.2	7.066	7.8	6.7	0.197	0.444	6.7	6.8	7.6	7.78
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/02/70-03/10/97	11	0.063	0.086	0.2	0.016	0.005	0.071	0.017	0.025	0.158	0.2
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/11/76-03/10/97	11	0.06	0.083	0.2	0.02	0.004	0.064	0.02	0.04	0.1	0.2
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/11/76-03/23/83	11	21.	21.364	25.	13.	11.655	3.414	14.4	20.	24.	25.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/11/76-02/25/81	11	0.	0.909	3.	0.	1.291	1.136	0.	0.	2.	2.8
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	08/11/76-03/10/97	11	6.4	6.6	7.5	4.4	0.804	0.897	4.76	6.3	7.4	7.5
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/11/76-03/10/97	11	1.2	1.218	1.6	0.6	0.074	0.271	0.68	1.1	1.4	1.58
00930p	SODIUM, DISSOLVED (MG/L AS NA)	08/11/76-03/10/97	11	2.	2.073	2.5	1.7	0.102	0.32	1.7	1.7	2.4	2.5
00931	SODIUM ADSORPTION RATIO	08/11/76-03/23/83	11	0.2	0.209	0.3	0.2	0.001	0.03	0.2	0.2	0.2	0.28
00932	SODIUM, PERCENT	08/11/76-03/23/83	11	17.	16.909	26.	13.	10.691	3.27	13.4	15.	17.	24.2
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	08/11/76-03/10/97	11	0.7	0.673	0.8	0.4	0.012	0.11	0.44	0.6	0.7	0.8
00940p	CHLORIDE,TOTAL IN WATER MG/L	08/11/76-03/10/97	11	0.4	0.445	0.6	0.3	0.007	0.082	0.32	0.4	0.5	0.58
00945p	SULFATE, TOTAL (MG/L AS SO4)	08/11/76-03/10/97	11	4.	4.818	8.	2.	4.564	2.136	2.	4.	7.	8.
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	08/11/76-03/10/97	11	0.1	0.109	0.2	0.1	0.001	0.03	0.1	0.1	0.1	0.18

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station ROMO0410

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00955p	SILICA, DISSOLVED (MG/L AS SI02)	08/11/76-03/10/97	11	4.2	3.991	4.9	3.	0.279	0.528	3.06	3.7	4.3	4.78
01046p	IRON, DISSOLVED (UG/L AS FE)	08/11/76-03/10/97	11	50.	56.364	100.	20.	745.455	27.303	22.	40.	80.	100.
01056p	MANGANESE, DISSOLVED (UG/L AS MN)	08/11/76-03/10/97	11 ##	5.	6.273	20.	4.	20.818	4.563	4.2	5.	5.	17.
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/02/70-09/17/80	8	8.	63.438	245.	0.5	9365.817	96.777	**	**	**	**
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/02/70-09/17/80	8	0.889	1.025	2.389	-0.301	1.049	1.024	**	**	**	**
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			10.586								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/02/70-02/10/77	2 ##	1.25	1.25	2.	0.5	1.125	1.061	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/02/70-02/10/77	2 ##	0.	0.	0.301	-0.301	0.181	0.426	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.								
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/11/76-04/16/87	11	32.	33.	41.	26.	24.2	4.919	26.4	29.	36.	41.
70302	SOLIDS, DISSOLVED-TONS PER DAY	08/11/76-03/23/83	11	39.5	41.973	60.4	31.	80.028	8.946	31.4	34.9	46.	58.86
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/11/76-03/23/83	11	0.04	0.045	0.06	0.04	0.	0.008	0.04	0.04	0.05	0.06

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station ROMO0410

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/70-03/10/97	13	5.	6.346	14.	1.5	20.933	4.575	1.5	2.	10.	14.
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/09/74-03/10/97	11	502.	468.455	551.	200.	10190.273	100.947	244.2	423.	540.	549.2
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/70-03/10/97	11	55.	49.091	60.	18.	178.691	13.368	21.4	41.	60.	60.
00300p	OXYGEN, DISSOLVED MG/L	09/02/70-03/10/97	11	8.1	8.336	11.1	7.3	1.093	1.045	7.32	7.8	8.8	10.66
00400p	PH (STANDARD UNITS)	09/02/70-03/10/97	11	7.3	7.373	7.8	7.2	0.042	0.205	7.2	7.2	7.6	7.76
00400p	CONVERTED PH (STANDARD UNITS)	09/02/70-03/10/97	11	7.3	7.335	7.8	7.2	0.044	0.209	7.2	7.2	7.6	7.76
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/02/70-03/10/97	11	0.05	0.046	0.063	0.016	0.	0.017	0.018	0.025	0.063	0.063
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/08/78-03/10/97	7	0.22	0.247	0.47	0.02	0.02	0.141	**	**	**	**
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/08/78-11/19/92	7	0.07	0.077	0.2	0.01	0.005	0.073	**	**	**	**
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/11/76-03/10/97	9	0.1	0.101	0.2	0.02	0.004	0.064	0.02	0.05	0.15	0.2
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	03/08/78-03/10/97	8	0.02	0.026	0.07	0.01	0.	0.019	**	**	**	**
00666p	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/13/78-03/10/97	3	0.01	0.012	0.02	0.005	0.	0.008	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/11/76-03/23/83	9	19.	19.444	28.	6.	43.778	6.616	6.	16.	25.	28.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/11/76-02/25/81	9	0.	1.222	7.	0.	5.694	2.386	0.	0.	2.	7.
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	08/11/76-03/10/97	9	6.1	5.944	8.1	1.8	3.953	1.988	1.8	4.85	7.75	8.1
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/11/76-03/10/97	9	1.1	1.133	1.8	0.3	0.182	0.427	0.3	0.9	1.4	1.8
00930p	SODIUM, DISSOLVED (MG/L AS NA)	08/11/76-03/10/97	9	1.9	1.833	2.3	0.9	0.168	0.409	0.9	1.7	2.05	2.3
00931	SODIUM ADSORPTION RATIO	08/11/76-03/23/83	9	0.2	0.2	0.2	0.2	0.	0.	0.2	0.2	0.2	0.2
00932	SODIUM, PERCENT	08/11/76-03/23/83	9	17.	17.444	25.	14.	11.278	3.358	14.	14.5	18.5	25.
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	08/11/76-03/10/97	9	0.7	0.667	0.9	0.2	0.053	0.229	0.2	0.5	0.85	0.9
00940p	CHLORIDE,TOTAL IN WATER MG/L	08/11/76-03/10/97	9	0.4	0.422	0.7	0.2	0.027	0.164	0.2	0.3	0.55	0.7
00945p	SULFATE, TOTAL (MG/L AS SO4)	08/11/76-03/10/97	9	5.	4.667	6.	3.	1.25	1.118	3.	3.5	5.5	6.
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	08/11/76-03/10/97	9	0.1	0.122	0.2	0.1	0.002	0.044	0.1	0.1	0.15	0.2
00955p	SILICA, DISSOLVED (MG/L AS SI02)	08/11/76-03/10/97	8	4.65	4.725	5.7	3.5	0.599	0.774	**	**	**	**
01046p	IRON, DISSOLVED (UG/L AS FE)	08/11/76-03/10/97	9	100.	108.889	170.	70.	1236.111	35.158	70.	80.	135.	170.
01056p	MANGANESE, DISSOLVED (UG/L AS MN)	08/11/76-03/10/97	9 ##	5.	4.056	6.	0.5	3.278	1.81	0.5	2.5	5.	6.
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/02/70-09/17/80	11	10.	33.273	220.	2.	4265.618	65.312	2.2	3.	18.	191.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/02/70-09/17/80	11	1.	1.029	2.342	0.301	0.386	0.621	0.336	0.477	1.255	2.249
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			10.691								
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/11/76-04/16/87	8	31.5	30.375	39.	16.	59.982	7.745	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	08/11/76-03/23/83	9	34.8	40.6	69.5	18.3	299.323	17.301	18.3	26.45	55.2	69.5
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/11/76-03/23/83	8	0.04	0.04	0.05	0.02	0.	0.011	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station ROMO0410

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/70-03/10/97	16	3.	5.156	14.	1.	20.257	4.501	1.35	2.	8.75	13.3
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/09/74-03/10/97	12	423.	352.583	521.	6.	34903.174	186.824	8.7	218.75	495.5	514.1
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/70-03/10/97	12	42.5	43.167	60.	20.	197.424	14.051	22.7	30.75	58.75	60.
00300p	OXYGEN, DISSOLVED MG/L	09/02/70-03/10/97	12	8.35	8.283	9.2	7.	0.538	0.733	7.06	7.625	8.95	9.17
00400p	PH (STANDARD UNITS)	09/02/70-03/10/97	12	7.15	7.133	7.3	6.9	0.015	0.123	6.93	7.025	7.2	7.3
00400p	CONVERTED PH (STANDARD UNITS)	09/02/70-03/10/97	12	7.147	7.117	7.3	6.9	0.015	0.124	6.93	7.025	7.2	7.3
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/02/70-03/10/97	12	0.071	0.076	0.126	0.05	0.001	0.023	0.05	0.063	0.095	0.118
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/08/78-03/10/97	11	0.22	0.275	0.56	0.11	0.025	0.159	0.114	0.14	0.41	0.546
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/08/78-11/19/92	12	0.1	0.088	0.14	0.	0.002	0.048	0.012	0.05	0.13	0.14
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/11/76-03/10/97	12	0.09	0.079	0.2	0.02	0.003	0.05	0.02	0.035	0.1	0.17
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	03/08/78-03/10/97	12	0.02	0.02	0.04	0.01	0.	0.01	0.01	0.01	0.03	0.037
00666p	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/13/78-03/10/97	11	0.01	0.013	0.03	0.	0.	0.008	0.002	0.01	0.02	0.028
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/11/76-03/23/83	12	17.	17.75	27.	8.	36.205	6.017	9.2	13.	23.75	26.4
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/11/76-02/25/81	12	3.	2.75	6.	0.	4.023	2.006	0.	1.	4.	5.7
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	08/11/76-03/10/97	12	5.25	5.408	8.3	2.3	3.408	1.846	2.66	3.95	7.225	8.06
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/11/76-03/10/97	12	0.9	0.992	1.5	0.5	0.137	0.37	0.53	0.625	1.4	1.47
00930p	SODIUM, DISSOLVED (MG/L AS NA)	08/11/76-03/10/97	12	2.25	2.217	3.7	1.1	0.442	0.664	1.22	1.7	2.55	3.4
00931	SODIUM ADSORPTION RATIO	08/11/76-03/23/83	12	0.2	0.233	0.5	0.2	0.008	0.089	0.2	0.2	0.2	0.44
00932	SODIUM, PERCENT	08/11/76-03/23/83	12	20.5	22.417	39.	16.	43.72	6.612	16.3	17.25	24.75	36.3
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	08/11/76-03/10/97	12	0.65	0.683	0.9	0.3	0.034	0.185	0.36	0.6	0.875	0.9
00940p	CHLORIDE,TOTAL IN WATER MG/L	08/11/76-03/10/97	12	0.4	0.467	1.	0.3	0.033	0.183	0.3	0.4	0.5	0.85
00945p	SULFATE, TOTAL (MG/L AS SO4)	08/11/76-03/10/97	11	5.	4.909	7.	2.	2.291	1.514	2.2	4.	6.	6.8
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	08/11/76-03/10/97	12	0.1	0.158	0.4	0.1	0.008	0.09	0.1	0.1	0.2	0.34
00955p	SILICA, DISSOLVED (MG/L AS SI02)	08/11/76-03/10/97	12	5.15	5.267	9.6	3.2	2.922	1.71	3.29	3.825	5.975	8.58
01046p	IRON, DISSOLVED (UG/L AS FE)	08/11/76-03/10/97	12	55.	93.333	200.	20.	5042.424	71.01	23.	30.	170.	197.
01056p	MANGANESE, DISSOLVED (UG/L AS MN)	08/11/76-03/10/97	12	3.5	3.5	5.	1.	2.273	1.508	1.3	2.	5.	5.
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/02/70-09/17/80	11	26.	20.636	38.	3.	145.655	12.069	4.	10.	28.	37.8
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/02/70-09/17/80	11	1.415	1.217	1.58	0.477	0.117	0.342	0.562	1.	1.447	1.577
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			16.499								
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/11/76-04/16/87	11	30.	30.091	40.	17.	53.891	7.341	17.8	24.	37.	39.6
70302	SOLIDS, DISSOLVED-TONS PER DAY	08/11/76-03/23/83	11	32.4	32.441	53.4	1.25	322.274	17.952	3.6	15.6	49.8	52.9
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/11/76-03/23/83	11	0.04	0.04	0.05	0.02	0.	0.01	0.022	0.03	0.05	0.05
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	04/18/79-09/24/85	9	0.03	0.053	0.12	0.03	0.001	0.033	0.03	0.03	0.075	0.12

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station ROMO0410

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/70-03/10/97	9	2.5	6.389	17.	1.5	41.549	6.446	1.5	2.	13.75	17.
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/09/74-03/10/97	9	467.	367.111	512.	6.	32295.611	179.71	6.	221.	498.	512.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/70-03/10/97	9	47.	44.222	55.	17.	175.194	13.236	17.	36.	55.	55.
00300p	OXYGEN, DISSOLVED MG/L	09/02/70-03/10/97	9	7.8	7.711	8.7	6.4	0.684	0.827	6.4	7.	8.45	8.7
00400p	PH (STANDARD UNITS)	09/02/70-03/10/97	9	6.7	6.756	7.1	6.6	0.033	0.181	6.6	6.6	6.9	7.1
00400p	CONVERTED PH (STANDARD UNITS)	09/02/70-03/10/97	9	6.7	6.726	7.1	6.6	0.034	0.184	6.6	6.6	6.9	7.1
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/02/70-03/10/97	9	0.2	0.188	0.251	0.079	0.004	0.064	0.079	0.129	0.251	0.251
00403p	PH, LAB, STANDARD UNITS SU	12/18/80-03/10/97	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00403p	CONVERTED PH, LAB, STANDARD UNITS	12/18/80-03/10/97	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/80-03/10/97	1	0.079	0.079	0.079	0.079	0.	0.	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/08/78-03/10/97	9	0.36	0.509	1.2	0.26	0.102	0.319	0.26	0.27	0.715	1.2
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/08/78-11/19/92	9	0.08	0.088	0.17	0.	0.006	0.075	0.	0.	0.16	0.17
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/11/76-03/10/97	9	0.1	0.109	0.2	0.	0.009	0.093	0.	0.	0.2	0.2
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	03/08/78-03/10/97	9	0.02	0.022	0.03	0.01	0.	0.007	0.01	0.02	0.03	0.03
00666p	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/13/78-03/10/97	9	0.02	0.019	0.03	0.01	0.	0.009	0.01	0.01	0.03	0.03
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/11/76-03/23/83	9	19.	16.778	22.	5.	32.194	5.674	5.	13.	21.5	22.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/11/76-02/25/81	9	1.	1.556	5.	0.	2.528	1.59	0.	0.5	2.5	5.
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	08/11/76-03/10/97	9	5.6	5.033	6.7	1.9	2.735	1.654	1.9	3.65	6.5	6.7

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station ROMO0410

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/11/76-03/10/97	9	1.1	1.	1.4	0.1	0.158	0.397	0.1	0.8	1.25	1.4
00930p	SODIUM, DISSOLVED (MG/L AS NA)	08/11/76-03/10/97	9	2.	2.	3.6	1.	0.523	0.723	1.	1.5	2.2	3.6
00931	SODIUM ADSORPTION RATIO	08/11/76-03/23/83	9	0.2	0.222	0.4	0.2	0.004	0.067	0.2	0.2	0.2	0.4
00932	SODIUM, PERCENT	08/11/76-03/23/83	9	18.	20.778	35.	16.	43.944	6.629	16.	17.	24.5	35.
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	08/11/76-03/10/97	9	0.7	0.611	0.8	0.2	0.041	0.203	0.2	0.45	0.75	0.8
00940p	CHLORIDE,TOTAL IN WATER MG/L	08/11/76-03/10/97	9	0.3	0.378	0.8	0.2	0.052	0.228	0.2	0.2	0.6	0.8
00945p	SULFATE, TOTAL (MG/L AS SO4)	08/11/76-03/10/97	9	1.	1.722	4.	0.6	1.309	1.144	0.6	0.95	2.5	4.
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	08/11/76-03/10/97	9	0.2	0.167	0.3	0.1	0.005	0.071	0.1	0.1	0.2	0.3
00955p	SILICA, DISSOLVED (MG/L AS SI02)	08/11/76-03/10/97	9	4.9	5.667	14.	3.5	10.255	3.202	3.5	3.95	5.4	14.
01046p	IRON, DISSOLVED (UG/L AS FE)	08/11/76-03/10/97	9	100.	108.889	360.	30.	10286.111	101.42	30.	35.	120.	360.
01056p	MANGANESE, DISSOLVED (UG/L AS MN)	08/11/76-03/10/97	9	2.	2.389	6.	0.5	4.424	2.103	0.5	0.5	4.5	6.
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/02/70-09/17/80	5	7.	12.2	27.	3.	100.7	10.035	**	**	**	**
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/02/70-09/17/80	5	0.845	0.957	1.431	0.477	0.147	0.384	**	**	**	**
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			9.066								
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/11/76-04/16/87	9	29.	26.778	34.	14.	46.444	6.815	14.	20.5	31.5	34.
70302	SOLIDS, DISSOLVED-TONS PER DAY	08/11/76-03/23/83	9	20.6	25.243	42.9	0.59	201.712	14.203	0.59	16.95	40.8	42.9
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/11/76-03/23/83	9	0.04	0.037	0.05	0.02	0.	0.009	0.02	0.03	0.04	0.05
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	04/18/79-09/24/85	9	0.06	0.067	0.09	0.03	0.	0.02	0.03	0.06	0.09	0.09

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station ROMO0410

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/70-03/10/97	12	6.5	8.208	16.	2.5	31.294	5.594	2.5	3.	14.75	15.85
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/09/74-03/10/97	12	519.5	508.	544.	415.	1304.182	36.113	436.6	488.75	535.25	542.2
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/70-03/10/97	12	50.	49.5	70.	29.	101.364	10.068	31.7	44.5	54.75	65.8
00300p	OXYGEN, DISSOLVED MG/L	09/02/70-03/10/97	12	8.3	8.225	9.1	7.3	0.328	0.572	7.33	7.8	8.725	9.04
00400p	PH (STANDARD UNITS)	09/02/70-03/10/97	12	7.1	7.325	8.4	6.5	0.411	0.641	6.56	6.825	7.85	8.4
00400p	CONVERTED PH (STANDARD UNITS)	09/02/70-03/10/97	12	7.1	7.023	8.4	6.5	0.511	0.715	6.56	6.825	7.85	8.4
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/02/70-03/10/97	12	0.079	0.095	0.316	0.004	0.009	0.094	0.004	0.014	0.15	0.281
00403p	PH, LAB, STANDARD UNITS SU	12/18/80-03/10/97	12	7.65	7.817	9.3	6.8	0.518	0.72	6.89	7.225	8.375	9.09
00403p	CONVERTED PH, LAB, STANDARD UNITS	12/18/80-03/10/97	12	7.647	7.43	9.3	6.8	0.681	0.825	6.89	7.225	8.375	9.09
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/80-03/10/97	12	0.023	0.037	0.158	0.001	0.002	0.046	0.001	0.004	0.06	0.135
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/08/78-03/10/97	12	0.55	0.675	1.5	0.39	0.108	0.328	0.396	0.45	0.775	1.38
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/08/78-11/19/92	12	0.06	0.116	0.81	0.	0.049	0.221	0.	0.019	0.09	0.597
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/11/76-03/10/97	12	0.06	0.059	0.1	0.	0.001	0.036	0.003	0.026	0.098	0.1
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	03/08/78-03/10/97	12	0.02	0.026	0.06	0.005	0.	0.018	0.007	0.01	0.04	0.057
00666p	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/13/78-03/10/97	12	0.02	0.023	0.05	0.	0.	0.017	0.002	0.01	0.038	0.05
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/11/76-03/23/83	12	20.	19.25	23.	11.	12.568	3.545	11.9	18.25	21.75	23.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/11/76-02/25/81	2	2.	2.	4.	0.	8.	2.828	**	**	**	**
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	08/11/76-03/10/97	12	6.	5.875	7.2	3.4	1.186	1.089	3.7	5.475	6.775	7.14
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/11/76-03/10/97	12	1.2	1.108	1.4	0.6	0.048	0.219	0.66	1.025	1.2	1.37
00930p	SODIUM, DISSOLVED (MG/L AS NA)	08/11/76-03/10/97	12	2.3	2.175	2.5	1.5	0.091	0.302	1.62	1.925	2.4	2.5
00931	SODIUM ADSORPTION RATIO	08/11/76-03/23/83	12	0.2	0.2	0.2	0.2	0.	0.	0.2	0.2	0.2	0.2
00932	SODIUM, PERCENT	08/11/76-03/23/83	12	19.	19.333	24.	17.	4.424	2.103	17.	17.25	20.	23.4
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	08/11/76-03/10/97	12	0.75	0.683	0.8	0.4	0.023	0.153	0.4	0.6	0.8	0.8
00940p	CHLORIDE,TOTAL IN WATER MG/L	08/11/76-03/10/97	12	0.25	0.308	0.6	0.1	0.024	0.156	0.13	0.2	0.475	0.57
00945p	SULFATE, TOTAL (MG/L AS SO4)	08/11/76-03/10/97	12	2.25	2.583	6.	1.	2.22	1.49	1.	1.25	3.75	5.4
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	08/11/76-03/10/97	12	0.1	0.133	0.2	0.1	0.002	0.049	0.1	0.1	0.2	0.2
00955p	SILICA, DISSOLVED (MG/L AS SI02)	08/11/76-03/10/97	12	3.1	3.167	4.4	2.4	0.281	0.53	2.43	2.9	3.475	4.16
01046p	IRON, DISSOLVED (UG/L AS FE)	08/11/76-03/10/97	12	20.	26.5	80.	11.	349.545	18.696	11.9	15.5	30.	68.
01056p	MANGANESE, DISSOLVED (UG/L AS MN)	08/11/76-03/10/97	12	1.	1.417	4.	0.5	1.265	1.125	0.5	0.5	2.	3.7
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/11/76-04/16/87	10	28.	28.2	37.	19.	33.067	5.75	19.	25.	33.	36.6
70302	SOLIDS, DISSOLVED-TONS PER DAY	08/11/76-03/23/83	10	39.2	38.92	54.3	25.3	69.264	8.322	25.53	34.65	43.8	53.43
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/11/76-03/23/83	10	0.04	0.039	0.05	0.03	0.	0.006	0.03	0.038	0.04	0.049
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	04/18/79-09/24/85	11	0.06	0.085	0.18	0.03	0.003	0.052	0.03	0.03	0.12	0.174

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station ROMO0410

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/70-03/10/97	11	5.5	7.091	17.5	1.5	30.241	5.499	1.6	2.	12.	16.6
00025	BAROMETRIC PRESSURE (MM OF HG)	10/05/82-03/10/97	2	555.5	555.5	556.	555.	0.5	0.707	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/09/74-03/10/97	11	400.	375.455	566.	5.	36422.873	190.848	41.6	197.	548.	563.8
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/70-03/10/97	11	46.	48.545	70.	21.	267.273	16.348	22.8	33.	63.	69.2
00300p	OXYGEN, DISSOLVED MG/L	09/02/70-03/10/97	10	8.55	8.49	9.5	7.5	0.348	0.59	7.52	8.075	8.85	9.45
00400p	PH (STANDARD UNITS)	09/02/70-03/10/97	11	7.1	7.082	7.6	6.6	0.118	0.343	6.62	6.8	7.4	7.6
00400p	CONVERTED PH (STANDARD UNITS)	09/02/70-03/10/97	11	7.1	6.972	7.6	6.6	0.131	0.362	6.62	6.8	7.4	7.6
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/02/70-03/10/97	11	0.079	0.107	0.251	0.025	0.005	0.074	0.025	0.04	0.158	0.241
00403p	PH, LAB, STANDARD UNITS SU	12/18/80-03/10/97	11	7.9	7.882	8.5	7.6	0.088	0.296	7.6	7.6	8.	8.44
00403p	CONVERTED PH, LAB, STANDARD UNITS	12/18/80-03/10/97	11	7.9	7.805	8.5	7.6	0.094	0.307	7.6	7.6	8.	8.44
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/80-03/10/97	11	0.013	0.016	0.025	0.003	0.	0.009	0.004	0.01	0.025	0.025
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/08/78-03/10/97	10	0.79	0.884	2.4	0.44	0.319	0.565	0.445	0.543	0.925	2.26
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/08/78-11/19/92	11 ##	0.05	0.05	0.05	0.045	0.	0.002	0.046	0.05	0.05	0.05
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/11/76-03/10/97	11 ##	0.05	0.054	0.1	0.045	0.	0.015	0.046	0.05	0.05	0.09
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	03/08/78-03/10/97	11	0.02	0.025	0.06	0.005	0.	0.021	0.005	0.01	0.04	0.06
00666p	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/13/78-03/10/97	11	0.02	0.022	0.07	0.005	0.	0.018	0.005	0.01	0.03	0.062
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/11/76-03/23/83	11	17.	17.909	27.	8.	44.891	6.7	8.2	12.	24.	26.4
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	08/11/76-03/10/97	11	5.3	5.418	8.2	2.4	4.194	2.048	2.42	3.8	7.2	8.02
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/11/76-03/10/97	11	1.	1.055	1.6	0.5	0.125	0.353	0.54	0.7	1.4	1.56
00930p	SODIUM, DISSOLVED (MG/L AS NA)	08/11/76-03/10/97	11	2.2	2.073	2.8	1.2	0.35	0.592	1.22	1.4	2.6	2.78
00931	SODIUM ADSORPTION RATIO	08/11/76-03/23/83	11	0.2	0.236	0.4	0.2	0.005	0.067	0.2	0.2	0.3	0.38
00932	SODIUM, PERCENT	08/11/76-03/23/83	11	18.	20.364	38.	15.	40.055	6.329	15.4	17.	21.	35.2
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	08/11/76-03/10/97	11	0.7	0.664	1.	0.3	0.057	0.238	0.32	0.4	0.9	0.98
00940p	CHLORIDE,TOTAL IN WATER MG/L	08/11/76-03/10/97	11	0.4	0.436	0.7	0.3	0.015	0.121	0.3	0.4	0.5	0.68
00945p	SULFATE, TOTAL (MG/L AS SO4)	08/11/76-03/10/97	11	5.	4.273	6.	2.5	2.118	1.455	2.5	2.5	5.	6.
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	08/11/76-03/10/97	11	0.2	0.164	0.2	0.1	0.003	0.05	0.1	0.1	0.2	0.2
00955p	SILICA, DISSOLVED (MG/L AS SI02)	08/11/76-03/10/97	11	3.	3.691	10.	2.3	4.737	2.176	2.34	2.5	3.6	8.86
01046p	IRON, DISSOLVED (UG/L AS FE)	08/11/76-03/10/97	11	29.	32.636	64.	14.	285.255	16.889	14.6	18.	48.	62.6
01056p	MANGANESE, DISSOLVED (UG/L AS MN)	08/11/76-03/10/97	11	1.5	1.727	5.	0.5	1.718	1.311	0.5	1.	2.	4.6
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/11/76-04/16/87	7	37.	35.714	39.	31.	10.238	3.2	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	08/11/76-03/23/83	7	50.1	39.956	58.4	0.39	498.941	22.337	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/11/76-03/23/83	7	0.05	0.047	0.05	0.04	0.	0.005	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	04/18/79-09/24/85	9	0.09	0.09	0.18	0.03	0.004	0.06	0.03	0.03	0.15	0.18

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station ROMO0410

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/70-03/10/97	11	6.	7.136	15.	1.5	28.055	5.297	1.6	2.	13.	15.
00025	BAROMETRIC PRESSURE (MM OF HG)	10/05/82-03/10/97	11	565.	561.818	570.	555.	36.364	6.03	555.	555.	565.	570.
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/09/74-03/10/97	11	408.	311.082	509.	0.9	42365.694	205.829	1.72	51.	479.	507.6
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/70-03/10/97	11	40.	44.273	68.	19.	280.018	16.734	19.4	34.	60.	67.4
00300p	OXYGEN, DISSOLVED MG/L	09/02/70-03/10/97	11	8.3	8.209	9.	7.4	0.389	0.624	7.42	7.5	8.9	9.
00400p	PH (STANDARD UNITS)	09/02/70-03/10/97	10	7.3	7.23	8.1	6.6	0.205	0.452	6.62	6.8	7.475	8.06
00400p	CONVERTED PH (STANDARD UNITS)	09/02/70-03/10/97	10	7.3	7.052	8.1	6.6	0.24	0.489	6.62	6.8	7.475	8.06
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/02/70-03/10/97	10	0.05	0.089	0.251	0.008	0.006	0.078	0.009	0.035	0.158	0.242
00403p	PH, LAB, STANDARD UNITS SU	12/18/80-03/10/97	11	7.3	7.391	7.9	7.	0.065	0.255	7.04	7.2	7.6	7.86
00403p	CONVERTED PH, LAB, STANDARD UNITS	12/18/80-03/10/97	11	7.3	7.331	7.9	7.	0.069	0.263	7.04	7.2	7.6	7.86
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/80-03/10/97	11	0.05	0.047	0.1	0.013	0.001	0.024	0.014	0.025	0.063	0.093
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/08/78-03/10/97	11	0.6	0.6	1.	0.3	0.038	0.195	0.32	0.5	0.7	0.96
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/08/78-11/19/92	11 ##	0.05	0.064	0.1	0.05	0.001	0.023	0.05	0.05	0.1	0.1
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/11/76-03/10/97	11 ##	0.05	0.059	0.1	0.05	0.	0.02	0.05	0.05	0.05	0.1
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	03/08/78-03/10/97	11	0.02	0.025	0.06	0.005	0.	0.017	0.006	0.01	0.04	0.058
00666p	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/13/78-03/10/97	11	0.02	0.021	0.03	0.005	0.	0.01	0.006	0.01	0.03	0.03
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/11/76-03/23/83	3	23.	23.	25.	21.	4.	2.	**	**	**	**
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	08/11/76-03/10/97	11	4.7	4.836	7.5	2.2	3.253	1.803	2.26	3.7	6.7	7.4

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Annual Analysis for 1983 - Station ROMO0410

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/11/76-03/10/97	11	1.	0.982	1.4	0.4	0.132	0.363	0.42	0.7	1.4	1.4
00930p	SODIUM, DISSOLVED (MG/L AS NA)	08/11/76-03/10/97	11	2.	2.155	4.4	1.	0.979	0.989	1.02	1.5	2.8	4.12
00931	SODIUM ADSORPTION RATIO	08/11/76-03/23/83	3	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	08/11/76-03/23/83	3	17.	17.	17.	17.	0.	0.	**	**	**	**
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	08/11/76-03/10/97	11	0.6	0.618	0.9	0.3	0.036	0.189	0.32	0.5	0.8	0.88
00940p	CHLORIDE,TOTAL IN WATER MG/L	08/11/76-03/10/97	11	0.4	0.427	0.8	0.2	0.036	0.19	0.22	0.3	0.6	0.78
00945p	SULFATE, TOTAL (MG/L AS SO4)	08/11/76-03/10/97	11	5.	4.727	7.	4.	0.818	0.905	4.	4.	5.	6.6
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	08/11/76-03/10/97	11	0.1	0.159	0.3	0.05	0.007	0.086	0.06	0.1	0.2	0.3
00955p	SILICA, DISSOLVED (MG/L AS SI02)	08/11/76-03/10/97	11	4.	4.727	11.	3.4	4.91	2.216	3.4	3.5	4.6	10.02
01046p	IRON, DISSOLVED (UG/L AS FE)	08/11/76-03/10/97	11	46.	54.182	100.	26.	697.964	26.419	26.6	30.	73.	100.
01056p	MANGANESE, DISSOLVED (UG/L AS MN)	08/11/76-03/10/97	11	3.	3.773	12.	0.5	14.068	3.751	0.6	1.	4.	11.6
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/11/76-04/16/87	3	39.	38.333	40.	36.	4.333	2.082	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	08/11/76-03/23/83	3	43.	43.7	49.6	38.5	31.17	5.583	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/11/76-03/23/83	3	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	04/18/79-09/24/85	10	0.06	0.081	0.18	0.03	0.003	0.051	0.03	0.053	0.128	0.177

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station ROMO0410

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/70-03/10/97	11	5.	7.091	16.	1.5	29.241	5.407	1.6	2.5	13.5	15.8
00025	BAROMETRIC PRESSURE (MM OF HG)	10/05/82-03/10/97	11	560.	559.091	565.	555.	14.091	3.754	555.	555.	560.	565.
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/09/74-03/10/97	11	404.	401.818	544.	10.	24311.164	155.92	59.4	383.	527.	543.6
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/70-03/10/97	11	37.	38.455	55.	19.	126.673	11.255	20.4	32.	52.	54.4
00300p	OXYGEN, DISSOLVED MG/L	09/02/70-03/10/97	11	8.6	8.682	10.	8.	0.276	0.525	8.06	8.3	8.8	9.8
00400p	PH (STANDARD UNITS)	09/02/70-03/10/97	10	7.05	7.02	7.6	6.2	0.18	0.424	6.25	6.7	7.425	7.59
00400p	CONVERTED PH (STANDARD UNITS)	09/02/70-03/10/97	10	7.047	6.821	7.6	6.2	0.224	0.473	6.25	6.7	7.425	7.59
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/02/70-03/10/97	10	0.09	0.151	0.631	0.025	0.032	0.18	0.026	0.038	0.2	0.588
00403p	PH, LAB, STANDARD UNITS SU	12/18/80-03/10/97	10	7.4	7.43	7.8	7.2	0.042	0.206	7.2	7.2	7.55	7.79
00403p	CONVERTED PH, LAB, STANDARD UNITS	12/18/80-03/10/97	10	7.4	7.39	7.8	7.2	0.044	0.21	7.2	7.2	7.55	7.79
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/80-03/10/97	10	0.04	0.041	0.063	0.016	0.	0.017	0.016	0.029	0.063	0.063
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/08/78-03/10/97	11	0.3	0.327	0.7	0.1	0.032	0.179	0.12	0.2	0.5	0.66
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/08/78-11/19/92	11 ##	0.05	0.055	0.1	0.05	0.	0.015	0.05	0.05	0.05	0.09
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/11/76-03/10/97	10 ##	0.05	0.06	0.1	0.05	0.	0.021	0.05	0.05	0.063	0.1
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	03/08/78-03/10/97	11	0.01	0.011	0.03	0.005	0.	0.007	0.005	0.01	0.01	0.026
00666p	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/13/78-03/10/97	10	0.01	0.01	0.03	0.005	0.	0.007	0.005	0.005	0.01	0.028
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	08/11/76-03/10/97	11	4.3	4.445	6.5	1.8	2.545	1.595	2.	2.8	6.1	6.5
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/11/76-03/10/97	11	0.9	0.882	1.3	0.3	0.094	0.306	0.34	0.7	1.2	1.28
00930p	SODIUM, DISSOLVED (MG/L AS NA)	08/11/76-03/10/97	11	1.7	1.764	2.8	0.9	0.311	0.557	0.96	1.3	2.2	2.72
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	08/11/76-03/10/97	11	0.5	0.573	0.8	0.2	0.052	0.228	0.2	0.5	0.8	0.8
00940p	CHLORIDE,TOTAL IN WATER MG/L	08/11/76-03/10/97	10	0.55	0.54	1.	0.1	0.063	0.25	0.12	0.375	0.65	0.98
00945p	SULFATE, TOTAL (MG/L AS SO4)	08/11/76-03/10/97	10	5.	5.	6.	4.	0.444	0.667	4.	4.75	5.25	6.
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	08/11/76-03/10/97	11	0.1	0.114	0.2	0.05	0.004	0.06	0.05	0.05	0.2	0.2
00955p	SILICA, DISSOLVED (MG/L AS SI02)	08/11/76-03/10/97	11	4.3	4.918	12.	3.3	5.692	2.386	3.38	4.1	4.7	10.56
01046p	IRON, DISSOLVED (UG/L AS FE)	08/11/76-03/10/97	11	60.	61.818	93.	37.	314.964	17.747	38.4	48.	74.	91.8
01056p	MANGANESE, DISSOLVED (UG/L AS MN)	08/11/76-03/10/97	11	2.	2.864	8.	0.5	4.105	2.026	0.6	2.	4.	7.2
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	04/18/79-09/24/85	3	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station ROMO0410

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/70-03/10/97	11	4.5	6.955	16.5	2.	25.023	5.002	2.1	3.	10.5	16.
00025	BAROMETRIC PRESSURE (MM OF HG)	10/05/82-03/10/97	11	560.	569.091	639.	550.	600.691	24.509	551.	560.	565.	627.6
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/09/74-03/10/97	11	453.	456.	555.	381.	3804.4	61.68	384.4	404.	500.	552.8
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/70-03/10/97	11	46.	44.091	58.	30.	69.691	8.348	30.2	39.	50.	56.4
00300p	OXYGEN, DISSOLVED MG/L	09/02/70-03/10/97	11	8.4	8.764	11.2	7.3	1.089	1.043	7.44	8.	9.2	10.84
00400p	PH (STANDARD UNITS)	09/02/70-03/10/97	11	7.4	7.455	8.4	6.9	0.231	0.48	6.9	7.1	7.6	8.36
00400p	CONVERTED PH (STANDARD UNITS)	09/02/70-03/10/97	11	7.4	7.276	8.4	6.9	0.266	0.516	6.9	7.1	7.6	8.36
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/02/70-03/10/97	11	0.04	0.053	0.126	0.004	0.002	0.042	0.004	0.025	0.079	0.126
00403p	PH, LAB, STANDARD UNITS SU	12/18/80-03/10/97	11	7.6	7.6	8.1	7.1	0.116	0.341	7.14	7.3	7.9	8.08
00403p	CONVERTED PH, LAB, STANDARD UNITS	12/18/80-03/10/97	11	7.6	7.488	8.1	7.1	0.13	0.36	7.14	7.3	7.9	8.08
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/80-03/10/97	11	0.025	0.033	0.079	0.008	0.001	0.023	0.008	0.013	0.05	0.074
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/08/78-03/10/97	11	0.4	0.445	0.8	0.3	0.039	0.197	0.3	0.3	0.6	0.8
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/08/78-11/19/92	10 ##	0.05	0.06	0.1	0.05	0.	0.021	0.05	0.05	0.063	0.1
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/11/76-03/10/97	11 ##	0.05	0.059	0.1	0.05	0.	0.02	0.05	0.05	0.05	0.1
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	03/08/78-03/10/97	11	0.01	0.013	0.04	0.005	0.	0.01	0.005	0.005	0.02	0.036
00666p	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/13/78-03/10/97	11 ##	0.005	0.024	0.2	0.005	0.003	0.058	0.005	0.005	0.01	0.162
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	08/11/76-03/10/97	11	5.4	5.182	6.1	3.1	1.062	1.03	3.16	5.	6.	6.08
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/11/76-03/10/97	11	1.1	1.018	1.2	0.6	0.052	0.227	0.6	0.9	1.2	1.2
00930p	SODIUM, DISSOLVED (MG/L AS NA)	08/11/76-03/10/97	11	1.8	1.709	2.	1.2	0.089	0.298	1.2	1.5	2.	2.
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	08/11/76-03/10/97	10	0.8	0.78	1.2	0.4	0.053	0.23	0.41	0.65	0.925	1.18
00940p	CHLORIDE,TOTAL IN WATER MG/L	08/11/76-03/10/97	11	0.5	0.482	0.6	0.2	0.018	0.133	0.22	0.4	0.6	0.6
00945p	SULFATE, TOTAL (MG/L AS SO4)	08/11/76-03/10/97	11	5.	5.	6.	3.	0.8	0.894	3.2	5.	6.	6.
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	08/11/76-03/10/97	11	0.1	0.114	0.2	0.05	0.002	0.045	0.06	0.1	0.1	0.2
00955p	SILICA, DISSOLVED (MG/L AS SI02)	08/11/76-03/10/97	11	4.1	4.009	4.5	3.1	0.285	0.534	3.1	3.7	4.5	4.5
01046p	IRON, DISSOLVED (UG/L AS FE)	08/11/76-03/10/97	11	39.	44.727	75.	32.	201.018	14.178	32.	34.	52.	73.2
01056p	MANGANESE, DISSOLVED (UG/L AS MN)	08/11/76-03/10/97	11	3.	4.273	10.	1.	9.218	3.036	1.2	2.	5.	10.
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/11/76-04/16/87	1	31.	31.	31.	31.	0.	0.	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	04/18/79-09/24/85	3	0.03	0.04	0.06	0.03	0.	0.017	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station ROMO0410

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/70-03/10/97	12	5.	6.958	17.5	1.	26.248	5.123	1.6	3.125	10.25	16.75
00025	BAROMETRIC PRESSURE (MM OF HG)	10/05/82-03/10/97	12	566.	569.167	625.	553.	354.879	18.838	553.6	559.75	568.5	611.2
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/09/74-03/10/97	12	519.	453.167	559.	198.	16012.333	126.54	211.2	388.25	551.75	557.8
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/70-03/10/97	12	34.	41.75	75.	25.	323.841	17.996	25.	25.	58.75	70.5
00300p	OXYGEN, DISSOLVED MG/L	09/02/70-03/10/97	11	8.8	9.	13.4	6.7	3.212	1.792	6.82	7.5	9.3	12.8
00400p	PH (STANDARD UNITS)	09/02/70-03/10/97	12	7.75	7.683	8.7	6.6	0.278	0.527	6.75	7.375	7.975	8.52
00400p	CONVERTED PH (STANDARD UNITS)	09/02/70-03/10/97	12	7.747	7.367	8.7	6.6	0.387	0.622	6.75	7.375	7.975	8.52
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/02/70-03/10/97	12	0.018	0.043	0.251	0.002	0.005	0.069	0.004	0.011	0.044	0.2
00403p	PH, LAB, STANDARD UNITS SU	12/18/80-03/10/97	12	7.5	7.567	7.9	7.3	0.037	0.192	7.33	7.4	7.775	7.87
00403p	CONVERTED PH, LAB, STANDARD UNITS	12/18/80-03/10/97	12	7.5	7.53	7.9	7.3	0.038	0.196	7.33	7.4	7.775	7.87
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/80-03/10/97	12	0.032	0.029	0.05	0.013	0.	0.012	0.014	0.017	0.04	0.047
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/08/78-03/10/97	11	0.3	0.327	0.5	0.1	0.016	0.127	0.12	0.2	0.4	0.5
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/08/78-11/19/92	11 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/11/76-03/10/97	11 ##	0.05	0.055	0.1	0.05	0.	0.015	0.05	0.05	0.05	0.09
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	03/08/78-03/10/97	11	0.01	0.015	0.03	0.005	0.	0.009	0.005	0.01	0.02	0.03
00666p	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/13/78-03/10/97	11	0.01	0.012	0.02	0.005	0.	0.006	0.005	0.01	0.02	0.02
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	08/11/76-03/10/97	12	5.45	5.258	6.8	3.1	1.608	1.268	3.34	4.1	6.3	6.74
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/11/76-03/10/97	12	1.05	1.05	1.4	0.6	0.061	0.247	0.66	0.9	1.275	1.37
00930p	SODIUM, DISSOLVED (MG/L AS NA)	08/11/76-03/10/97	12	1.75	1.75	2.4	1.1	0.174	0.417	1.16	1.4	2.175	2.34
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	08/11/76-03/10/97	12	0.7	0.767	1.2	0.3	0.059	0.242	0.39	0.625	0.95	1.17
00940p	CHLORIDE,TOTAL IN WATER MG/L	08/11/76-03/10/97	11	0.6	0.736	3.	0.2	0.607	0.779	0.2	0.4	0.7	2.58
00945p	SULFATE, TOTAL (MG/L AS SO4)	08/11/76-03/10/97	11	5.	5.273	7.	4.	0.818	0.905	4.	5.	6.	6.8
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	08/11/76-03/10/97	11	0.1	0.1	0.2	0.05	0.002	0.039	0.05	0.1	0.1	0.18

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station ROMO0410

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00955p	SILICA, DISSOLVED (MG/L AS SI02)	08/11/76-03/10/97	12	4.	3.967	4.8	3.3	0.188	0.433	3.33	3.625	4.3	4.65
01046p	IRON, DISSOLVED (UG/L AS FE)	08/11/76-03/10/97	12	45.	51.417	100.	25.	442.992	21.047	27.1	39.75	56.75	94.9
01056p	MANGANESE, DISSOLVED (UG/L AS MN)	08/11/76-03/10/97	12	3.	3.042	8.	0.5	5.703	2.388	0.5	0.625	4.75	7.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station ROMO0410

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/70-03/10/97	11	7.	8.727	18.	1.	28.218	5.312	1.4	5.	13.	17.6
00025	BAROMETRIC PRESSURE (MM OF HG)	10/05/82-03/10/97	11	562.	567.182	623.	555.	355.564	18.856	555.6	558.	565.	611.8
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/09/74-03/10/97	11	441.	418.909	619.	86.	21539.891	146.765	117.6	396.	506.	604.8
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/70-03/10/97	11	46.	44.818	64.	25.	106.964	10.342	26.6	40.	50.	61.8
00300p	OXYGEN, DISSOLVED MG/L	09/02/70-03/10/97	11	8.4	8.391	9.6	7.6	0.519	0.72	7.6	7.7	8.7	9.6
00400p	PH (STANDARD UNITS)	09/02/70-03/10/97	11	7.7	7.692	8.2	6.8	0.16	0.399	6.9	7.6	8.01	8.2
00400p	CONVERTED PH (STANDARD UNITS)	09/02/70-03/10/97	11	7.7	7.489	8.2	6.8	0.205	0.453	6.9	7.6	8.01	8.2
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/02/70-03/10/97	11	0.02	0.032	0.158	0.006	0.002	0.044	0.006	0.01	0.025	0.137
00403p	PH, LAB, STANDARD UNITS SU	12/18/80-03/10/97	11	7.9	8.	8.6	7.4	0.18	0.424	7.4	7.7	8.4	8.58
00403p	CONVERTED PH, LAB, STANDARD UNITS	12/18/80-03/10/97	11	7.9	7.826	8.6	7.4	0.213	0.462	7.4	7.7	8.4	8.58
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/80-03/10/97	11	0.013	0.015	0.04	0.003	0.	0.014	0.003	0.004	0.02	0.04
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/08/78-03/10/97	11	0.6	1.073	5.4	0.3	2.206	1.485	0.32	0.4	0.8	4.66
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/08/78-11/19/92	11 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/11/76-03/10/97	11 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	03/08/78-03/10/97	11	0.02	0.015	0.02	0.01	0.	0.005	0.01	0.01	0.02	0.02
00666p	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/13/78-03/10/97	11	0.01	0.012	0.03	0.005	0.	0.008	0.005	0.005	0.02	0.028
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	08/11/76-03/10/97	11	5.6	5.445	6.6	3.1	1.377	1.173	3.24	4.8	6.5	6.6
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/11/76-03/10/97	11	1.2	1.036	1.3	0.6	0.057	0.238	0.62	0.8	1.2	1.28
00930p	SODIUM, DISSOLVED (MG/L AS NA)	08/11/76-03/10/97	11	1.7	1.636	1.9	1.	0.077	0.277	1.06	1.5	1.8	1.9
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	08/11/76-03/10/97	11	0.6	0.655	0.8	0.5	0.009	0.093	0.52	0.6	0.7	0.8
00940p	CHLORIDE,TOTAL IN WATER MG/L	08/11/76-03/10/97	11	0.3	0.441	1.	0.05	0.092	0.304	0.08	0.3	0.5	1.
00945p	SULFATE, TOTAL (MG/L AS SO4)	08/11/76-03/10/97	11	4.	4.573	8.	0.3	3.608	1.9	1.04	4.	6.	7.6
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	08/11/76-03/10/97	11	0.1	0.136	0.2	0.1	0.003	0.05	0.1	0.1	0.2	0.2
00955p	SILICA, DISSOLVED (MG/L AS SI02)	08/11/76-03/10/97	11	4.1	3.918	4.6	3.1	0.252	0.502	3.12	3.5	4.3	4.56
01046p	IRON, DISSOLVED (UG/L AS FE)	08/11/76-03/10/97	11	33.	34.909	83.	13.	386.091	19.649	14.	20.	45.	76.8
01056p	MANGANESE, DISSOLVED (UG/L AS MN)	08/11/76-03/10/97	11	2.	2.091	5.	0.5	2.041	1.429	0.5	1.	3.	4.8
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/11/76-04/16/87	1	31.	31.	31.	31.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station ROMO0410

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/70-03/10/97	11	7.5	9.	17.5	4.	24.8	4.98	4.	5.	12.5	17.4
00025	BAROMETRIC PRESSURE (MM OF HG)	10/05/82-03/10/97	11	562.	576.455	667.	560.	1189.273	34.486	560.	560.	565.	657.2
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/09/74-03/10/97	11	525.	468.545	551.	204.	12950.273	113.799	225.	427.	548.	550.4
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/70-03/10/97	11	50.	48.273	55.	21.	89.418	9.456	26.4	48.	55.	55.
00300p	OXYGEN, DISSOLVED MG/L	09/02/70-03/10/97	11	8.3	8.191	9.8	7.3	0.473	0.688	7.32	7.8	8.5	9.56
00400p	PH (STANDARD UNITS)	09/02/70-03/10/97	11	7.9	7.536	8.4	6.3	0.611	0.781	6.34	6.7	8.2	8.36
00400p	CONVERTED PH (STANDARD UNITS)	09/02/70-03/10/97	11	7.9	6.958	8.4	6.3	0.979	0.989	6.34	6.7	8.2	8.36
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/02/70-03/10/97	11	0.013	0.11	0.501	0.004	0.027	0.166	0.004	0.006	0.2	0.464
00403p	PH, LAB, STANDARD UNITS SU	12/18/80-03/10/97	11	7.9	7.927	8.4	7.6	0.066	0.257	7.6	7.7	8.1	8.36
00403p	CONVERTED PH, LAB, STANDARD UNITS	12/18/80-03/10/97	11	7.9	7.863	8.4	7.6	0.071	0.266	7.6	7.7	8.1	8.36
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/80-03/10/97	11	0.013	0.014	0.025	0.004	0.	0.007	0.004	0.008	0.02	0.025
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/08/78-03/10/97	11	0.2	0.255	0.6	0.1	0.029	0.169	0.1	0.1	0.3	0.58
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/08/78-11/19/92	11 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05

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Annual Analysis for 1988 - Station ROMO0410

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/11/76-03/10/97	11 ##	0.05	0.055	0.1	0.	0.001	0.027	0.01	0.05	0.05	0.1
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	03/08/78-03/10/97	11	0.01	0.014	0.02	0.005	0.	0.006	0.005	0.01	0.02	0.02
00666p	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/13/78-03/10/97	11	0.01	0.013	0.03	0.005	0.	0.008	0.005	0.005	0.02	0.028
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	08/11/76-03/10/97	11	6.3	6.027	7.3	2.5	1.546	1.243	3.16	5.9	6.7	7.18
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/11/76-03/10/97	11	1.2	1.155	1.3	0.5	0.051	0.225	0.62	1.2	1.3	1.3
00930p	SODIUM, DISSOLVED (MG/L AS NA)	08/11/76-03/10/97	11	1.9	1.909	2.2	1.	0.103	0.321	1.18	1.9	2.1	2.18
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	08/11/76-03/10/97	11	0.8	0.891	2.7	0.3	0.389	0.624	0.36	0.6	0.9	2.34
00940p	CHLORIDE,TOTAL IN WATER MG/L	08/11/76-03/10/97	11	0.4	0.409	0.5	0.3	0.005	0.07	0.3	0.4	0.5	0.5
00945p	SULFATE, TOTAL (MG/L AS SO4)	08/11/76-03/10/97	11	4.	4.	5.	0.	2.2	1.483	0.6	4.	5.	5.
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	08/11/76-03/10/97	11	0.1	0.145	0.2	0.1	0.003	0.052	0.1	0.1	0.2	0.2
00955p	SILICA, DISSOLVED (MG/L AS SI02)	08/11/76-03/10/97	11	4.3	4.273	5.2	3.3	0.312	0.559	3.36	3.8	4.7	5.12
01046p	IRON, DISSOLVED (UG/L AS FE)	08/11/76-03/10/97	11	30.	37.909	77.	17.	497.891	22.313	17.4	20.	67.	75.2
01056p	MANGANESE, DISSOLVED (UG/L AS MN)	08/11/76-03/10/97	11	2.	2.773	7.	0.5	3.968	1.992	0.6	2.	3.	6.8

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Annual Analysis for 1989 - Station ROMO0410

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/70-03/10/97	5	6.	8.	17.5	4.5	29.125	5.397	**	**	**	**
00025	BAROMETRIC PRESSURE (MM OF HG)	10/05/82-03/10/97	5	555.	556.4	569.	540.	118.8	10.9	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/09/74-03/10/97	5	525.	460.6	553.	185.	24404.8	156.22	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/70-03/10/97	5	52.	51.8	65.	35.	118.7	10.895	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/02/70-03/10/97	4	8.2	8.25	8.7	7.9	0.137	0.37	**	**	**	**
00400p	PH (STANDARD UNITS)	09/02/70-03/10/97	5	7.35	7.492	8.21	7.1	0.182	0.426	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	09/02/70-03/10/97	5	7.35	7.373	8.21	7.1	0.199	0.447	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/02/70-03/10/97	5	0.045	0.042	0.079	0.006	0.001	0.027	**	**	**	**
00403p	PH, LAB, STANDARD UNITS SU	12/18/80-03/10/97	5	7.8	7.72	8.3	6.8	0.317	0.563	**	**	**	**
00403p	CONVERTED PH, LAB, STANDARD UNITS	12/18/80-03/10/97	5	7.8	7.378	8.3	6.8	0.463	0.68	**	**	**	**
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/80-03/10/97	5	0.016	0.042	0.158	0.005	0.004	0.065	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/08/78-03/10/97	5	0.4	0.36	0.6	0.1	0.033	0.182	**	**	**	**
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/11/76-03/10/97	5 ##	0.05	0.06	0.1	0.05	0.001	0.022	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	03/08/78-03/10/97	5	0.01	0.015	0.04	0.005	0.	0.014	**	**	**	**
00666p	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/13/78-03/10/97	5	0.01	0.014	0.03	0.005	0.	0.011	**	**	**	**
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	08/11/76-03/10/97	5	6.8	6.66	8.	4.3	2.023	1.422	**	**	**	**
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/11/76-03/10/97	5	1.3	1.24	1.5	0.8	0.073	0.27	**	**	**	**
00930p	SODIUM, DISSOLVED (MG/L AS NA)	08/11/76-03/10/97	5	2.2	2.18	2.5	1.7	0.097	0.311	**	**	**	**
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	08/11/76-03/10/97	5	0.8	0.76	0.9	0.4	0.043	0.207	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	08/11/76-03/10/97	5	0.4	0.38	0.4	0.3	0.002	0.045	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	08/11/76-03/10/97	5	3.	3.4	5.	2.	1.3	1.14	**	**	**	**
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	08/11/76-03/10/97	5	0.1	0.14	0.2	0.1	0.003	0.055	**	**	**	**
00955p	SILICA, DISSOLVED (MG/L AS SI02)	08/11/76-03/10/97	5	4.7	4.54	5.1	3.7	0.283	0.532	**	**	**	**
01046p	IRON, DISSOLVED (UG/L AS FE)	08/11/76-03/10/97	5	21.	24.	32.	17.	43.5	6.595	**	**	**	**
01056p	MANGANESE, DISSOLVED (UG/L AS MN)	08/11/76-03/10/97	5	2.	2.	3.	1.	0.5	0.707	**	**	**	**

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Annual Analysis for 1990 - Station ROMO0410

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/70-03/10/97	6	6.	9.	16.5	4.	32.1	5.666	**	**	**	**
00025	BAROMETRIC PRESSURE (MM OF HG)	10/05/82-03/10/97	6	563.5	565.167	580.	558.	64.567	8.035	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/09/74-03/10/97	6	99.5	188.167	542.	0.4	53601.271	231.519	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/70-03/10/97	6	55.5	54.667	84.	23.	551.867	23.492	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/02/70-03/10/97	6	8.	8.033	8.8	7.4	0.335	0.579	**	**	**	**

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Annual Analysis for 1990 - Station ROMO0410

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400p	PH (STANDARD UNITS)	09/02/70-03/10/97	5	7.4	7.298	7.9	6.59	0.299	0.546	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	09/02/70-03/10/97	5	7.4	7.041	7.9	6.59	0.381	0.617	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/02/70-03/10/97	5	0.04	0.091	0.257	0.013	0.011	0.103	**	**	**	**
00403p	PH, LAB, STANDARD UNITS SU	12/18/80-03/10/97	6	7.6	7.7	8.	7.5	0.04	0.2	**	**	**	**
00403p	CONVERTED PH, LAB, STANDARD UNITS	12/18/80-03/10/97	6	7.6	7.666	8.	7.5	0.041	0.204	**	**	**	**
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/80-03/10/97	6	0.025	0.022	0.032	0.01	0.	0.008	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/08/78-03/10/97	6	0.3	0.283	0.4	0.1	0.01	0.098	**	**	**	**
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/08/78-11/19/92	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/11/76-03/10/97	6 ##	0.05	0.058	0.1	0.05	0.	0.02	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	03/08/78-03/10/97	6	0.02	0.022	0.05	0.005	0.	0.017	**	**	**	**
00666p	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/13/78-03/10/97	6	0.02	0.023	0.04	0.005	0.	0.012	**	**	**	**
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	08/11/76-03/10/97	6	7.55	6.65	9.2	2.5	8.843	2.974	**	**	**	**
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/11/76-03/10/97	6	1.15	1.133	1.8	0.4	0.287	0.535	**	**	**	**
00930p	SODIUM, DISSOLVED (MG/L AS NA)	08/11/76-03/10/97	6	2.6	2.767	5.3	1.	2.291	1.513	**	**	**	**
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	08/11/76-03/10/97	6	0.85	0.783	1.3	0.3	0.142	0.376	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	08/11/76-03/10/97	6	0.6	0.533	1.	0.2	0.091	0.301	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	08/11/76-03/10/97	6	3.5	3.833	7.	2.	3.767	1.941	**	**	**	**
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	08/11/76-03/10/97	6 ##	0.075	0.108	0.3	0.05	0.009	0.097	**	**	**	**
00955p	SILICA, DISSOLVED (MG/L AS SI02)	08/11/76-03/10/97	6	4.15	4.017	4.5	3.2	0.238	0.488	**	**	**	**
01046p	IRON, DISSOLVED (UG/L AS FE)	08/11/76-03/10/97	6	17.5	20.	32.	9.	83.6	9.143	**	**	**	**
01056p	MANGANESE, DISSOLVED (UG/L AS MN)	08/11/76-03/10/97	6	3.5	3.25	6.	0.5	3.575	1.891	**	**	**	**

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Annual Analysis for 1991 - Station ROMO0410

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/70-03/10/97	6	6.5	8.9	19.	3.9	36.84	6.07	**	**	**	**
00025	BAROMETRIC PRESSURE (MM OF HG)	10/05/82-03/10/97	6	562.5	562.833	570.	555.	25.367	5.037	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/09/74-03/10/97	6	460.	380.167	561.	15.	43783.367	209.245	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/70-03/10/97	6	55.	52.5	65.	26.	214.3	14.639	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/02/70-03/10/97	6	7.95	8.233	9.5	7.5	0.591	0.769	**	**	**	**
00400p	PH (STANDARD UNITS)	09/02/70-03/10/97	2	7.98	7.98	8.2	7.76	0.097	0.311	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	09/02/70-03/10/97	2	7.927	7.927	8.2	7.76	0.103	0.32	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/02/70-03/10/97	2	0.012	0.012	0.017	0.006	0.	0.008	**	**	**	**
00403p	PH, LAB, STANDARD UNITS SU	12/18/80-03/10/97	6	7.75	7.717	8.2	7.2	0.118	0.343	**	**	**	**
00403p	CONVERTED PH, LAB, STANDARD UNITS	12/18/80-03/10/97	6	7.747	7.604	8.2	7.2	0.133	0.365	**	**	**	**
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/80-03/10/97	6	0.018	0.025	0.063	0.006	0.	0.021	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/08/78-03/10/97	6	0.3	0.317	0.5	0.1	0.018	0.133	**	**	**	**
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/08/78-11/19/92	6 ##	0.078	0.089	0.2	0.025	0.006	0.075	**	**	**	**
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/11/76-03/10/97	6 ##	0.048	0.053	0.1	0.	0.002	0.043	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	03/08/78-03/10/97	6	0.02	0.027	0.05	0.01	0.	0.015	**	**	**	**
00666p	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/13/78-03/10/97	6	0.02	0.023	0.05	0.005	0.	0.019	**	**	**	**
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	08/11/76-03/10/97	6	6.75	6.6	8.4	3.2	3.66	1.913	**	**	**	**
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/11/76-03/10/97	6	1.25	1.2	1.5	0.6	0.112	0.335	**	**	**	**
00930p	SODIUM, DISSOLVED (MG/L AS NA)	08/11/76-03/10/97	6	2.15	2.217	2.9	1.6	0.23	0.479	**	**	**	**
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	08/11/76-03/10/97	6	0.75	0.733	0.9	0.4	0.035	0.186	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	08/11/76-03/10/97	6	0.4	0.433	0.9	0.1	0.071	0.266	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	08/11/76-03/10/97	6	3.5	3.833	7.	2.	2.967	1.722	**	**	**	**
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	08/11/76-03/10/97	6	0.1	0.142	0.3	0.05	0.008	0.092	**	**	**	**
00955p	SILICA, DISSOLVED (MG/L AS SI02)	08/11/76-03/10/97	6	4.35	4.2	4.9	3.2	0.552	0.743	**	**	**	**
01046p	IRON, DISSOLVED (UG/L AS FE)	08/11/76-03/10/97	6	40.5	52.5	100.	20.	1168.7	34.186	**	**	**	**
01056p	MANGANESE, DISSOLVED (UG/L AS MN)	08/11/76-03/10/97	6	3.	3.583	10.	0.5	10.842	3.293	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station ROMO0410

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/70-03/10/97	7	4.3	5.971	14.	0.	31.872	5.646	**	**	**	**
00025	BAROMETRIC PRESSURE (MM OF HG)	10/05/82-03/10/97	7	564.	483.429	567.	0.	45449.619	213.189	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/09/74-03/10/97	7	361.	335.343	566.	0.	59439.89	243.803	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/70-03/10/97	7	46.	41.	63.	0.	511.	22.605	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/02/70-03/10/97	7	7.9	7.043	9.2	0.	10.123	3.182	**	**	**	**
00400p	PH (STANDARD UNITS)	09/02/70-03/10/97	6	7.8	7.753	8.	7.42	0.076	0.276	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	09/02/70-03/10/97	6	7.755	7.682	8.	7.42	0.082	0.287	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/02/70-03/10/97	6	0.018	0.021	0.038	0.01	0.	0.013	**	**	**	**
00403p	PH, LAB, STANDARD UNITS SU	12/18/80-03/10/97	6	7.65	7.65	7.8	7.5	0.019	0.138	**	**	**	**
00403p	CONVERTED PH, LAB, STANDARD UNITS	12/18/80-03/10/97	6	7.647	7.632	7.8	7.5	0.019	0.139	**	**	**	**
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/80-03/10/97	6	0.023	0.023	0.032	0.016	0.	0.007	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/08/78-03/10/97	6 ##	0.1	0.15	0.3	0.1	0.007	0.084	**	**	**	**
00630p	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/08/78-11/19/92	6	0.06	0.06	0.1	0.025	0.001	0.031	**	**	**	**
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/11/76-03/10/97	6	0.075	0.067	0.1	0.025	0.001	0.034	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	03/08/78-03/10/97	6 ##	0.005	0.008	0.02	0.005	0.	0.006	**	**	**	**
00666p	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/13/78-03/10/97	6 ##	0.005	0.004	0.005	0.	0.	0.002	**	**	**	**
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	08/11/76-03/10/97	6	5.7	5.75	8.3	2.5	4.567	2.137	**	**	**	**
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/11/76-03/10/97	6	1.05	1.067	1.5	0.5	0.131	0.361	**	**	**	**
00930p	SODIUM, DISSOLVED (MG/L AS NA)	08/11/76-03/10/97	6	2.2	2.233	3.1	1.	0.611	0.781	**	**	**	**
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	08/11/76-03/10/97	6	0.7	0.717	1.2	0.3	0.086	0.293	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	08/11/76-03/10/97	6	0.3	0.4	0.9	0.1	0.092	0.303	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	08/11/76-03/10/97	6	3.	2.667	3.	2.	0.267	0.516	**	**	**	**
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	08/11/76-03/10/97	6	0.15	0.133	0.2	0.05	0.006	0.075	**	**	**	**
00955p	SILICA, DISSOLVED (MG/L AS SI02)	08/11/76-03/10/97	6	5.15	5.083	6.	3.5	0.846	0.92	**	**	**	**
01046p	IRON, DISSOLVED (UG/L AS FE)	08/11/76-03/10/97	6	30.	33.5	58.	12.	365.9	19.129	**	**	**	**
01056p	MANGANESE, DISSOLVED (UG/L AS MN)	08/11/76-03/10/97	6	3.	2.917	6.	0.5	4.042	2.01	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station ROMO0410

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/70-03/10/97	6	5.	8.65	23.8	1.6	66.963	8.183	**	**	**	**
00025	BAROMETRIC PRESSURE (MM OF HG)	10/05/82-03/10/97	6	565.5	566.	577.	556.	44.8	6.693	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/09/74-03/10/97	6	300.	269.167	555.	9.	53282.967	230.831	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/70-03/10/97	6	48.5	48.667	67.	20.	271.067	16.464	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/02/70-03/10/97	6	8.35	8.217	10.3	5.8	2.19	1.48	**	**	**	**
00400p	PH (STANDARD UNITS)	09/02/70-03/10/97	6	7.85	7.9	8.7	7.3	0.324	0.569	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	09/02/70-03/10/97	6	7.847	7.649	8.7	7.3	0.4	0.632	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/02/70-03/10/97	6	0.014	0.022	0.05	0.002	0.	0.022	**	**	**	**
00403p	PH, LAB, STANDARD UNITS SU	12/18/80-03/10/97	6	7.35	7.467	8.1	7.1	0.123	0.35	**	**	**	**
00403p	CONVERTED PH, LAB, STANDARD UNITS	12/18/80-03/10/97	6	7.347	7.376	8.1	7.1	0.133	0.364	**	**	**	**
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/80-03/10/97	6	0.045	0.042	0.079	0.008	0.001	0.024	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/08/78-03/10/97	6	0.25	0.217	0.3	0.1	0.01	0.098	**	**	**	**
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/11/76-03/10/97	6	0.053	0.053	0.1	0.	0.002	0.042	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	03/08/78-03/10/97	6 ##	0.008	0.011	0.02	0.005	0.	0.007	**	**	**	**
00666p	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/13/78-03/10/97	6 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	08/11/76-03/10/97	6	5.35	5.5	7.5	2.3	3.524	1.877	**	**	**	**
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/11/76-03/10/97	6	1.	1.	1.3	0.4	0.108	0.329	**	**	**	**
00930p	SODIUM, DISSOLVED (MG/L AS NA)	08/11/76-03/10/97	6	2.05	2.067	3.1	1.	0.487	0.698	**	**	**	**
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	08/11/76-03/10/97	6	0.7	0.683	0.9	0.3	0.054	0.232	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	08/11/76-03/10/97	6	0.5	0.5	0.7	0.3	0.02	0.141	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	08/11/76-03/10/97	6	3.	2.833	4.	1.	0.967	0.983	**	**	**	**
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	08/11/76-03/10/97	6	0.1	0.108	0.2	0.05	0.002	0.049	**	**	**	**
00955p	SILICA, DISSOLVED (MG/L AS SI02)	08/11/76-03/10/97	6	5.8	5.617	6.6	3.5	1.23	1.109	**	**	**	**
01046p	IRON, DISSOLVED (UG/L AS FE)	08/11/76-03/10/97	6	28.5	27.5	39.	16.	64.3	8.019	**	**	**	**
01056p	MANGANESE, DISSOLVED (UG/L AS MN)	08/11/76-03/10/97	6	1.	2.25	8.	0.5	8.175	2.859	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station ROMO0410

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/70-03/10/97	5	5.5	7.7	16.5	2.	40.075	6.33	**	**	**	**
00025	BAROMETRIC PRESSURE (MM OF HG)	10/05/82-03/10/97	5	565.	565.6	570.	561.	10.8	3.286	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/09/74-03/10/97	5	506.	408.2	553.	210.	29868.2	172.824	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/70-03/10/97	5	55.	52.	61.	41.	74.	8.602	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/02/70-03/10/97	5	8.3	8.3	8.9	7.6	0.315	0.561	**	**	**	**
00400p	PH (STANDARD UNITS)	09/02/70-03/10/97	5	7.8	7.88	8.2	7.5	0.097	0.311	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	09/02/70-03/10/97	5	7.8	7.796	8.2	7.5	0.106	0.325	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/02/70-03/10/97	5	0.016	0.016	0.032	0.006	0.	0.011	**	**	**	**
00403p	PH, LAB, STANDARD UNITS SU	12/18/80-03/10/97	5	7.5	7.44	7.7	7.2	0.038	0.195	**	**	**	**
00403p	CONVERTED PH, LAB, STANDARD UNITS	12/18/80-03/10/97	5	7.5	7.406	7.7	7.2	0.039	0.199	**	**	**	**
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/80-03/10/97	5	0.032	0.039	0.063	0.02	0.	0.017	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/08/78-03/10/97	5	0.2	0.22	0.5	0.1	0.027	0.164	**	**	**	**
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/11/76-03/10/97	5 ##	0.025	0.045	0.09	0.025	0.001	0.029	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	03/08/78-03/10/97	5	0.01	0.012	0.02	0.005	0.	0.008	**	**	**	**
00666p	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/13/78-03/10/97	5 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	08/11/76-03/10/97	5	6.6	6.16	7.2	4.7	1.133	1.064	**	**	**	**
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/11/76-03/10/97	5	1.2	1.16	1.4	0.9	0.043	0.207	**	**	**	**
00930p	SODIUM, DISSOLVED (MG/L AS NA)	08/11/76-03/10/97	5	2.1	2.	2.3	1.6	0.085	0.292	**	**	**	**
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	08/11/76-03/10/97	5	0.7	0.64	0.8	0.4	0.023	0.152	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	08/11/76-03/10/97	5	0.4	0.44	0.5	0.4	0.003	0.055	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	08/11/76-03/10/97	5	3.	2.8	3.	2.	0.2	0.447	**	**	**	**
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	08/11/76-03/10/97	5	0.1	0.14	0.2	0.1	0.003	0.055	**	**	**	**
00955p	SILICA, DISSOLVED (MG/L AS SI02)	08/11/76-03/10/97	5	5.9	5.88	7.1	5.	0.762	0.873	**	**	**	**
01046p	IRON, DISSOLVED (UG/L AS FE)	08/11/76-03/10/97	5	18.	21.2	34.	16.	53.2	7.294	**	**	**	**
01056p	MANGANESE, DISSOLVED (UG/L AS MN)	08/11/76-03/10/97	5 ##	0.5	1.	3.	0.5	1.25	1.118	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1995 - Station ROMO0410

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/70-03/10/97	5	4.	6.8	15.5	2.	32.075	5.663	**	**	**	**
00025	BAROMETRIC PRESSURE (MM OF HG)	10/05/82-03/10/97	5	565.	564.6	568.	560.	8.8	2.966	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/09/74-03/10/97	5	402.	400.4	546.	216.	16786.8	129.564	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/70-03/10/97	5	43.	45.6	62.	21.	275.3	16.592	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/02/70-03/10/97	5	8.7	8.06	8.8	5.7	1.763	1.328	**	**	**	**
00400p	PH (STANDARD UNITS)	09/02/70-03/10/97	5	7.9	7.92	8.4	7.4	0.157	0.396	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	09/02/70-03/10/97	5	7.9	7.782	8.4	7.4	0.181	0.425	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/02/70-03/10/97	5	0.013	0.017	0.04	0.004	0.	0.014	**	**	**	**
00403p	PH, LAB, STANDARD UNITS SU	12/18/80-03/10/97	4	7.35	7.45	8.	7.1	0.15	0.387	**	**	**	**
00403p	CONVERTED PH, LAB, STANDARD UNITS	12/18/80-03/10/97	4	7.347	7.348	8.	7.1	0.164	0.405	**	**	**	**
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/80-03/10/97	4	0.045	0.045	0.079	0.01	0.001	0.029	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/08/78-03/10/97	4 ##	0.15	0.175	0.3	0.1	0.009	0.096	**	**	**	**
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/11/76-03/10/97	4 ##	0.053	0.055	0.09	0.025	0.001	0.035	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	03/08/78-03/10/97	4 ##	0.005	0.009	0.02	0.005	0.	0.008	**	**	**	**
00666p	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/13/78-03/10/97	4 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	08/11/76-03/10/97	4	5.05	4.925	7.6	2.	5.249	2.291	**	**	**	**
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/11/76-03/10/97	4	1.	0.95	1.4	0.4	0.17	0.412	**	**	**	**
00930p	SODIUM, DISSOLVED (MG/L AS NA)	08/11/76-03/10/97	4	1.65	1.625	2.3	0.9	0.329	0.574	**	**	**	**
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	08/11/76-03/10/97	4	0.5	0.525	0.8	0.3	0.043	0.206	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	08/11/76-03/10/97	4	0.35	0.388	0.8	0.05	0.097	0.312	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	08/11/76-03/10/97	4	1.5	1.75	3.	1.	0.917	0.957	**	**	**	**
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	08/11/76-03/10/97	4 ##	0.075	0.1	0.2	0.05	0.005	0.071	**	**	**	**
00955p	SILICA, DISSOLVED (MG/L AS SI02)	08/11/76-03/10/97	4	5.15	5.075	6.4	3.6	1.356	1.164	**	**	**	**
01046p	IRON, DISSOLVED (UG/L AS FE)	08/11/76-03/10/97	4	16.5	18.	32.	7.	111.333	10.551	**	**	**	**
01056p	MANGANESE, DISSOLVED (UG/L AS MN)	08/11/76-03/10/97	4 ##	1.25	1.25	2.	0.5	0.75	0.866	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1996 - Station ROMO0410

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/70-03/10/97	3	4.5	6.5	13.	2.	33.25	5.766	**	**	**	**
00025	BAROMETRIC PRESSURE (MM OF HG)	10/05/82-03/10/97	3	570.	569.333	572.	566.	9.333	3.055	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/09/74-03/10/97	3	204.	299.	498.	195.	29721.	172.398	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/70-03/10/97	3	49.	54.667	74.	41.	296.333	17.214	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/02/70-03/10/97	3	8.4	8.267	8.8	7.6	0.373	0.611	**	**	**	**
00400p	PH (STANDARD UNITS)	09/02/70-03/10/97	3	7.8	7.833	8.	7.7	0.023	0.153	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	09/02/70-03/10/97	3	7.8	7.816	8.	7.7	0.024	0.154	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/02/70-03/10/97	3	0.016	0.015	0.02	0.01	0.	0.005	**	**	**	**
00403p	PH, LAB, STANDARD UNITS SU	12/18/80-03/10/97	3	7.6	7.533	7.6	7.4	0.013	0.115	**	**	**	**
00403p	CONVERTED PH, LAB, STANDARD UNITS	12/18/80-03/10/97	3	7.6	7.523	7.6	7.4	0.014	0.116	**	**	**	**
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/80-03/10/97	3	0.025	0.03	0.04	0.025	0.	0.008	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/08/78-03/10/97	3 ##	0.1	0.2	0.4	0.1	0.03	0.173	**	**	**	**
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/11/76-03/10/97	3	0.08	0.08	0.1	0.06	0.	0.02	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	03/08/78-03/10/97	3	0.04	0.032	0.05	0.005	0.001	0.024	**	**	**	**
00666p	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/13/78-03/10/97	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	08/11/76-03/10/97	3	5.7	5.533	6.5	4.4	1.123	1.06	**	**	**	**
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/11/76-03/10/97	3	1.1	1.067	1.2	0.9	0.023	0.153	**	**	**	**
00930p	SODIUM, DISSOLVED (MG/L AS NA)	08/11/76-03/10/97	3	1.8	1.733	2.	1.4	0.093	0.306	**	**	**	**
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	08/11/76-03/10/97	3	0.6	0.6	0.7	0.5	0.01	0.1	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	08/11/76-03/10/97	3	0.3	0.333	0.4	0.3	0.003	0.058	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	08/11/76-03/10/97	3	2.	2.333	3.	2.	0.333	0.577	**	**	**	**
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	08/11/76-03/10/97	3	0.2	0.167	0.2	0.1	0.003	0.058	**	**	**	**
00955p	SILICA, DISSOLVED (MG/L AS SI02)	08/11/76-03/10/97	3	4.8	5.167	6.1	4.6	0.663	0.814	**	**	**	**
01046p	IRON, DISSOLVED (UG/L AS FE)	08/11/76-03/10/97	3	21.	19.667	25.	13.	37.333	6.11	**	**	**	**
01056p	MANGANESE, DISSOLVED (UG/L AS MN)	08/11/76-03/10/97	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

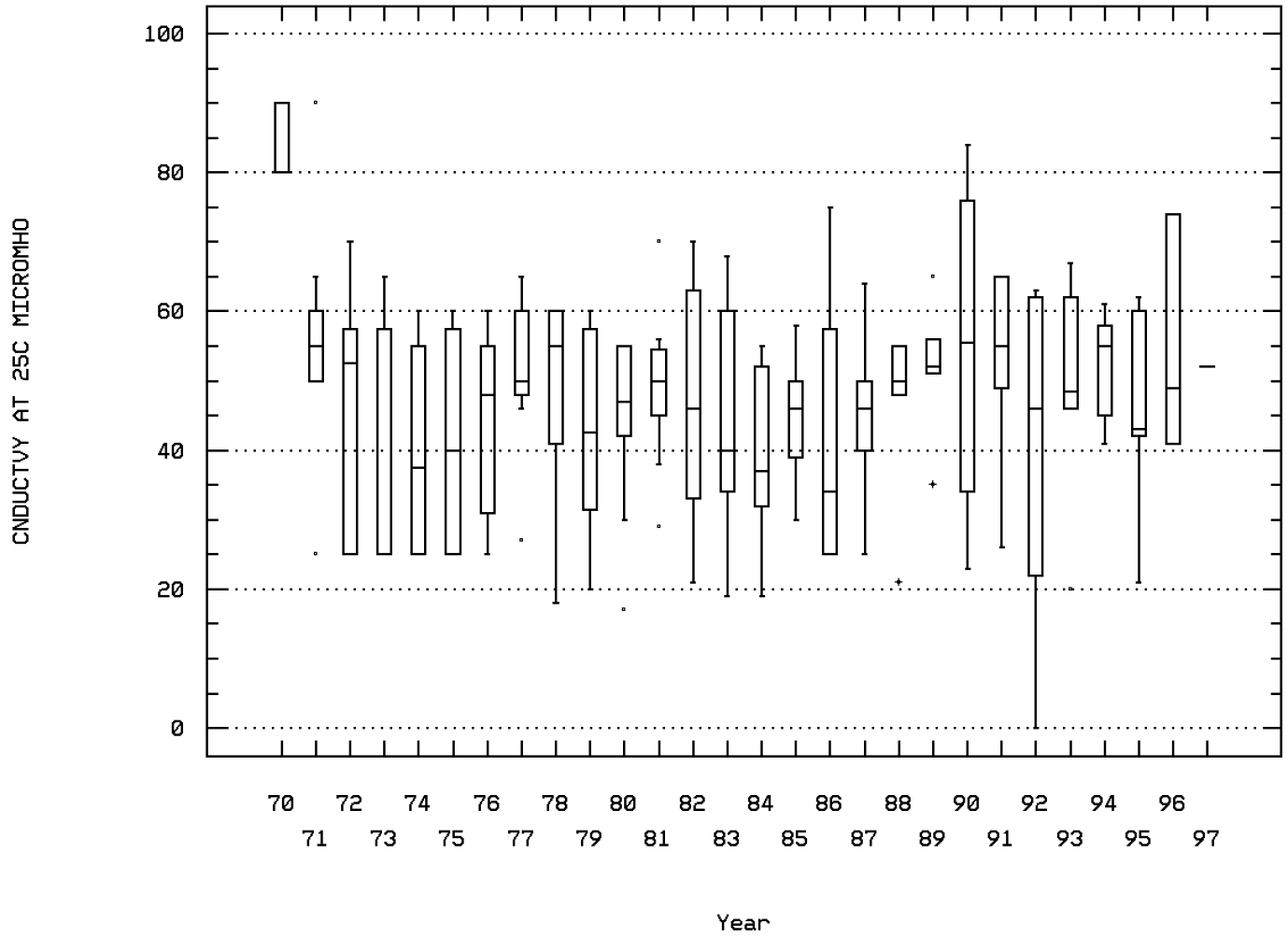
Annual Analysis for 1997 - Station ROMO0410

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/70-03/10/97	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00025	BAROMETRIC PRESSURE (MM OF HG)	10/05/82-03/10/97	1	568.	568.	568.	568.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/09/74-03/10/97	1	408.	408.	408.	408.	0.	0.	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/70-03/10/97	1	52.	52.	52.	52.	0.	0.	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/02/70-03/10/97	1	8.6	8.6	8.6	8.6	0.	0.	**	**	**	**
00400p	PH (STANDARD UNITS)	09/02/70-03/10/97	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	09/02/70-03/10/97	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/02/70-03/10/97	1	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00403p	PH, LAB, STANDARD UNITS SU	12/18/80-03/10/97	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00403p	CONVERTED PH, LAB, STANDARD UNITS	12/18/80-03/10/97	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/80-03/10/97	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/08/78-03/10/97	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/11/76-03/10/97	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	03/08/78-03/10/97	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00666p	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/13/78-03/10/97	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	08/11/76-03/10/97	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/11/76-03/10/97	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00930p	SODIUM, DISSOLVED (MG/L AS NA)	08/11/76-03/10/97	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	08/11/76-03/10/97	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	08/11/76-03/10/97	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	08/11/76-03/10/97	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	08/11/76-03/10/97	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955p	SILICA, DISSOLVED (MG/L AS SI02)	08/11/76-03/10/97	1	5.2	5.2	5.2	5.2	0.	0.	**	**	**	**
01046p	IRON, DISSOLVED (UG/L AS FE)	08/11/76-03/10/97	1	10.	10.	10.	10.	0.	0.	**	**	**	**
01056p	MANGANESE, DISSOLVED (UG/L AS MN)	08/11/76-03/10/97	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: ROMO0410 Parameter Code: 00095

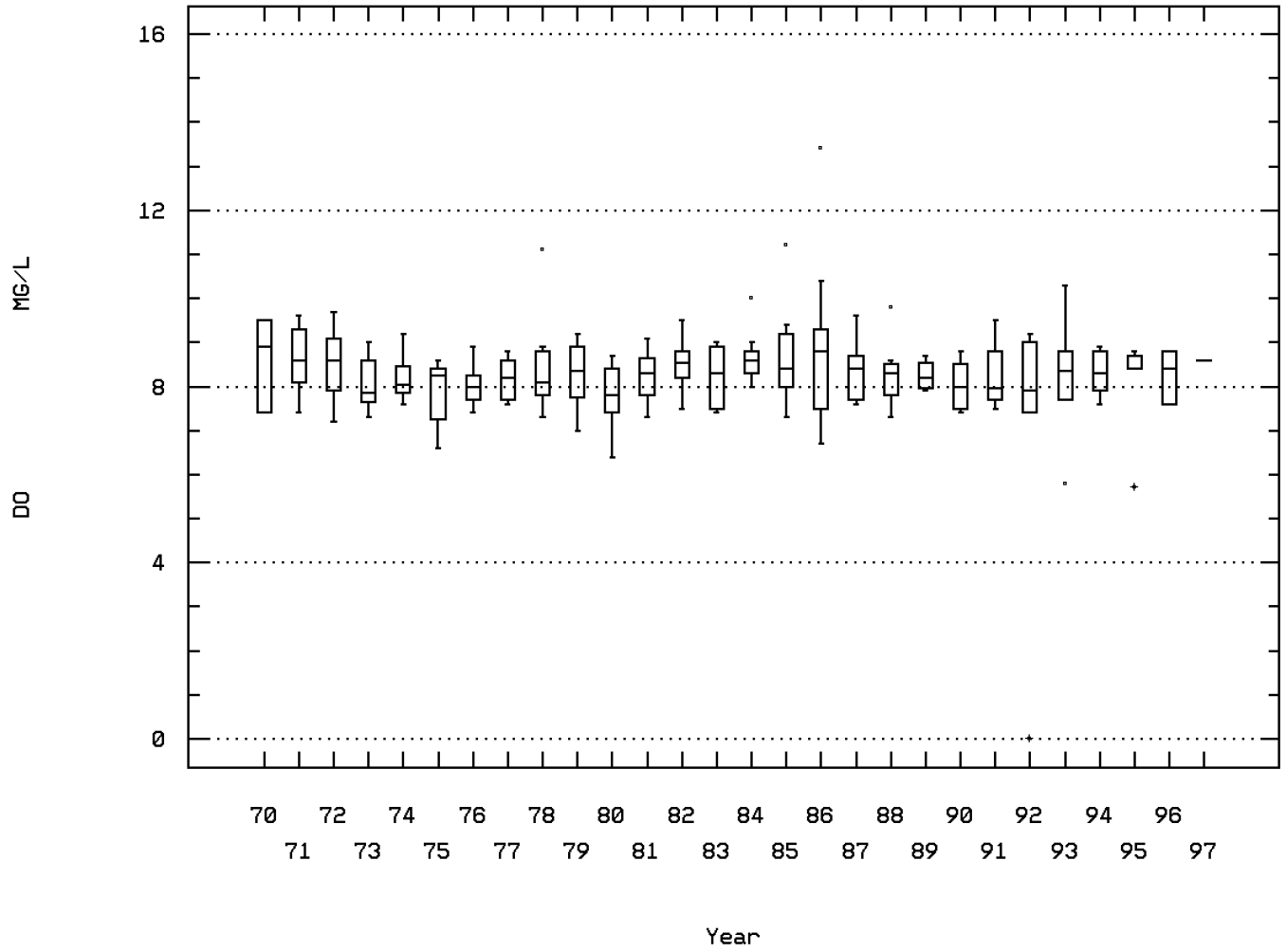
SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)



ALVA B ADAMS TUN AT E PORTAL, NR ESTES

Station: ROMO0410 Parameter Code: 00300

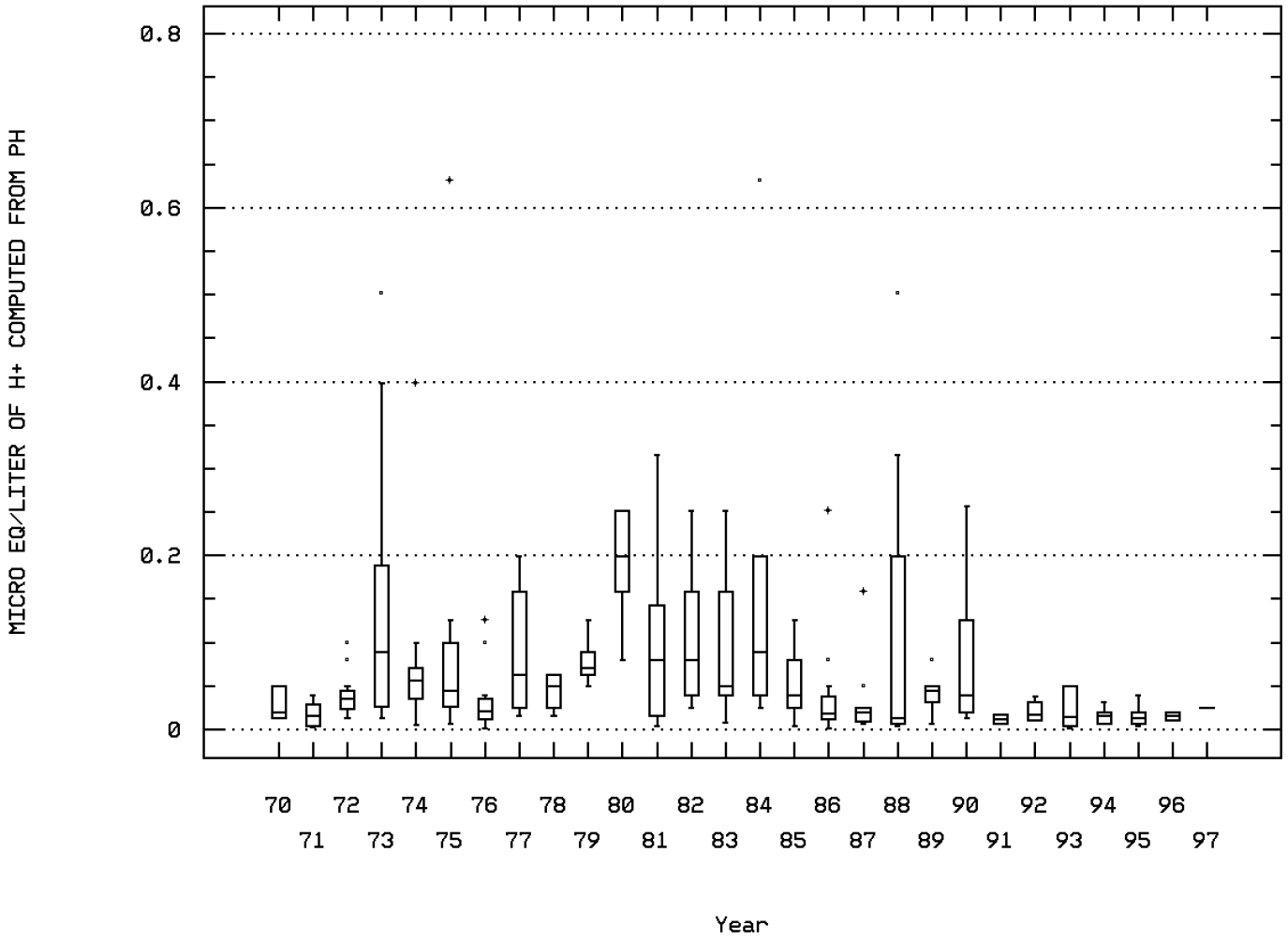
OXYGEN, DISSOLVED



ALVA B ADAMS TUN AT E PORTAL, NR ESTES

Station: ROMO0410 Parameter Code: 00400

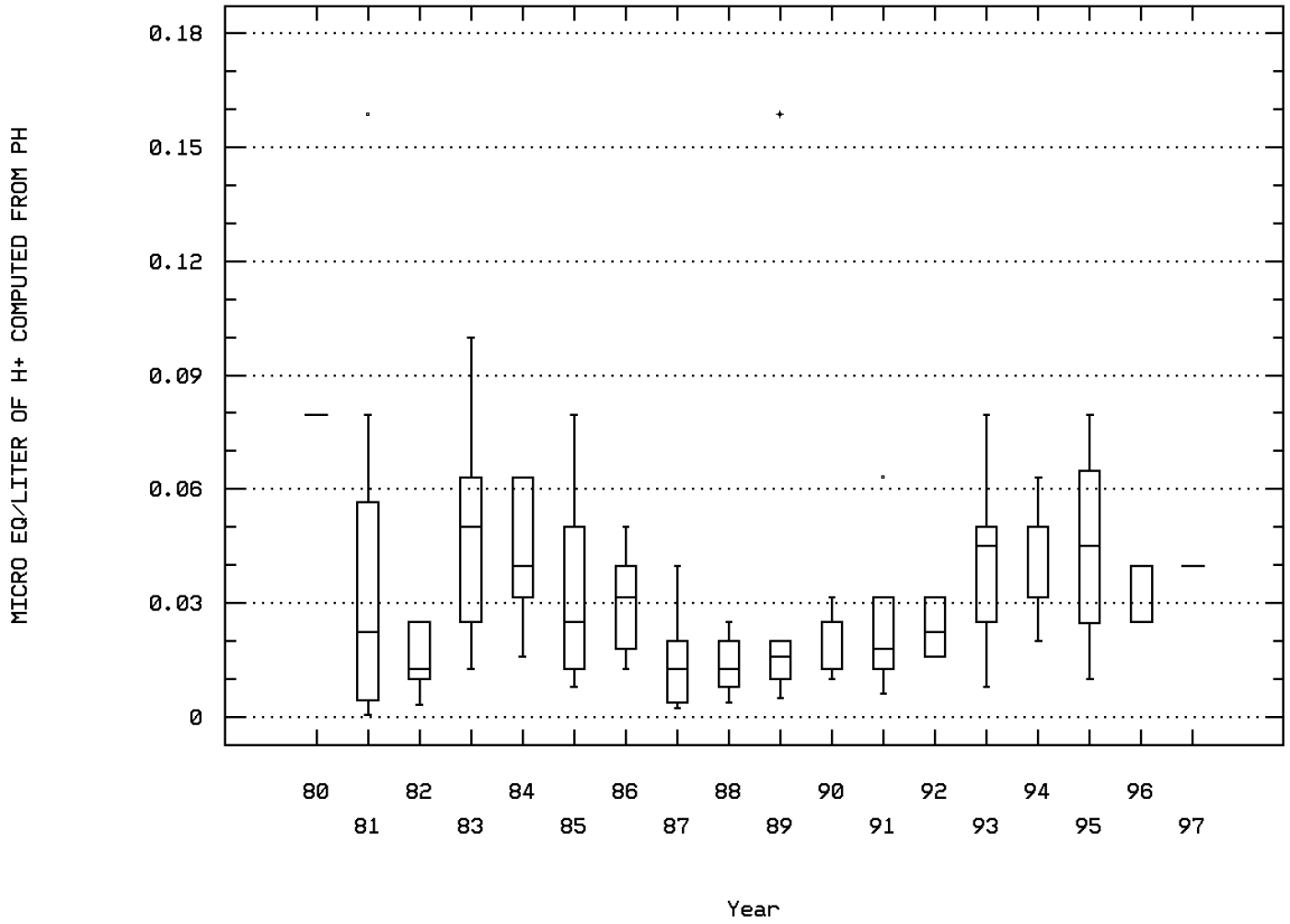
MICRO EQ/LITER OF H+ COMPUTED FROM PH



ALVA B ADAMS TUN AT E PORTAL, NR ESTES

Station: ROMO0410 Parameter Code: 00403

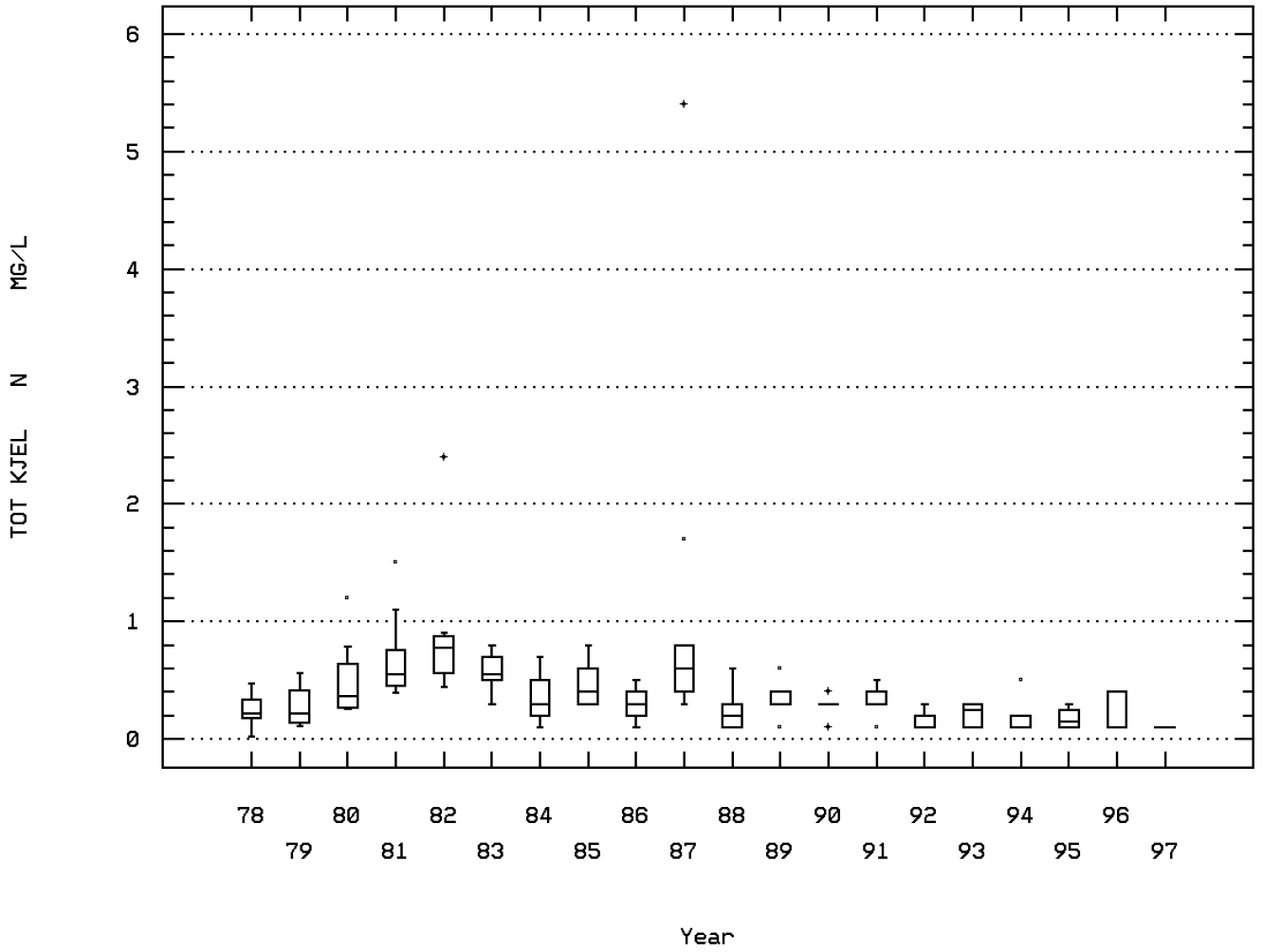
MICRO EQ/LITER OF H+ COMPUTED FROM PH



ALVA B ADAMS TUN AT E PORTAL, NR ESTES

Station: ROMO0410 Parameter Code: 00625

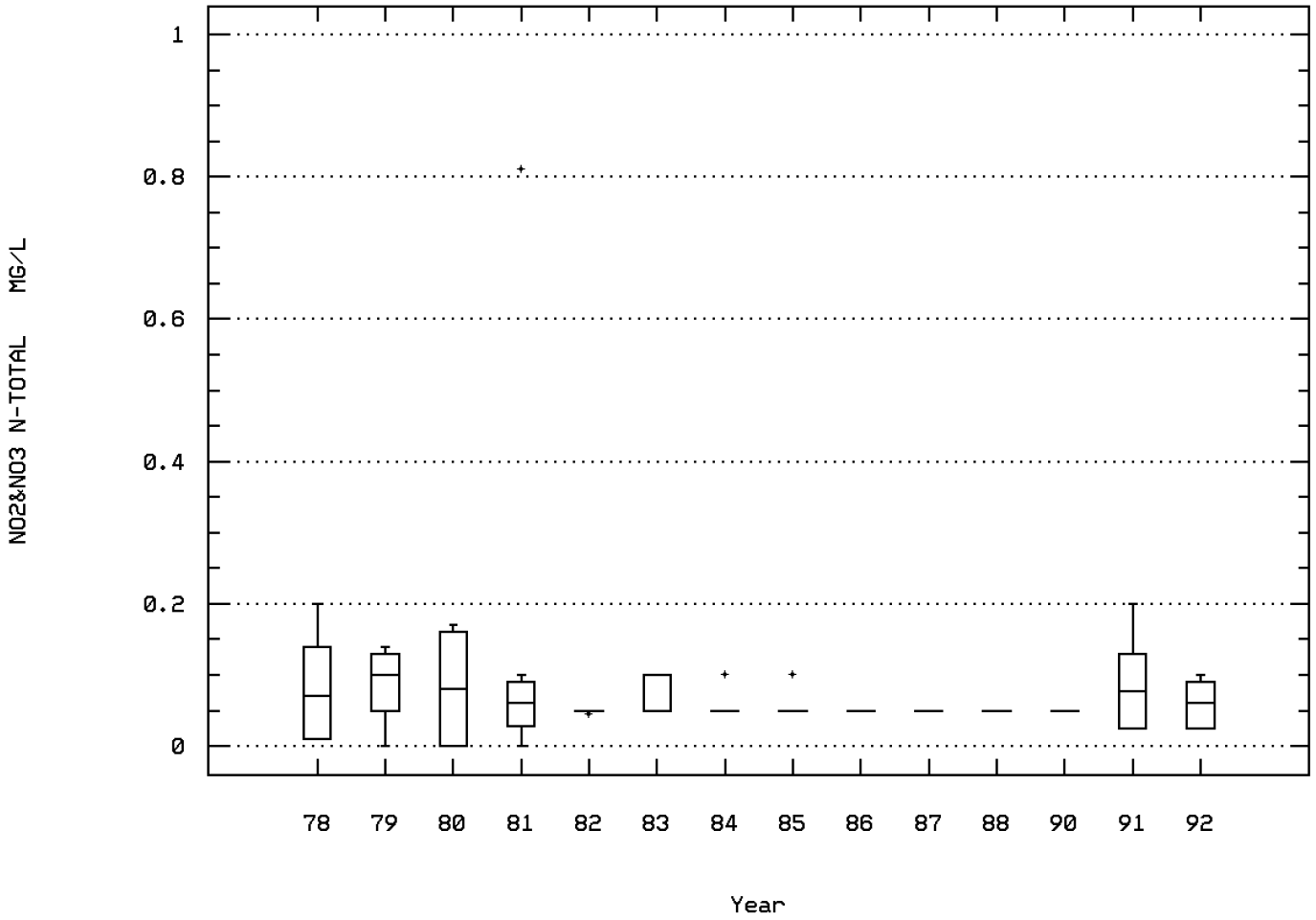
NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)



ALVA B ADAMS TUN AT E PORTAL, NR ESTES

Station: ROMO0410 Parameter Code: 00630

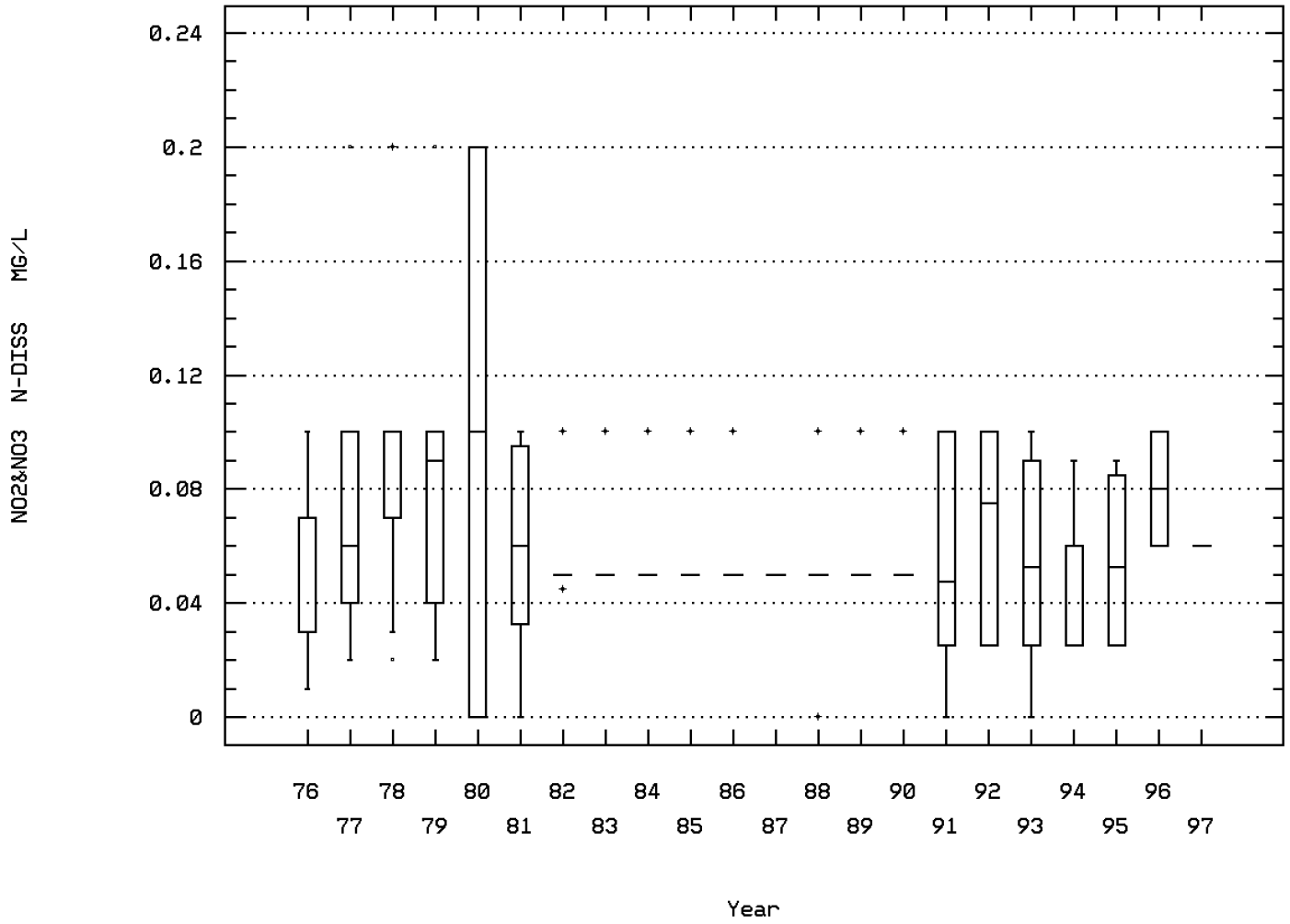
NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/



ALVA B ADAMS TUN AT E PORTAL, NR ESTES

Station: ROMO0410 Parameter Code: 00631

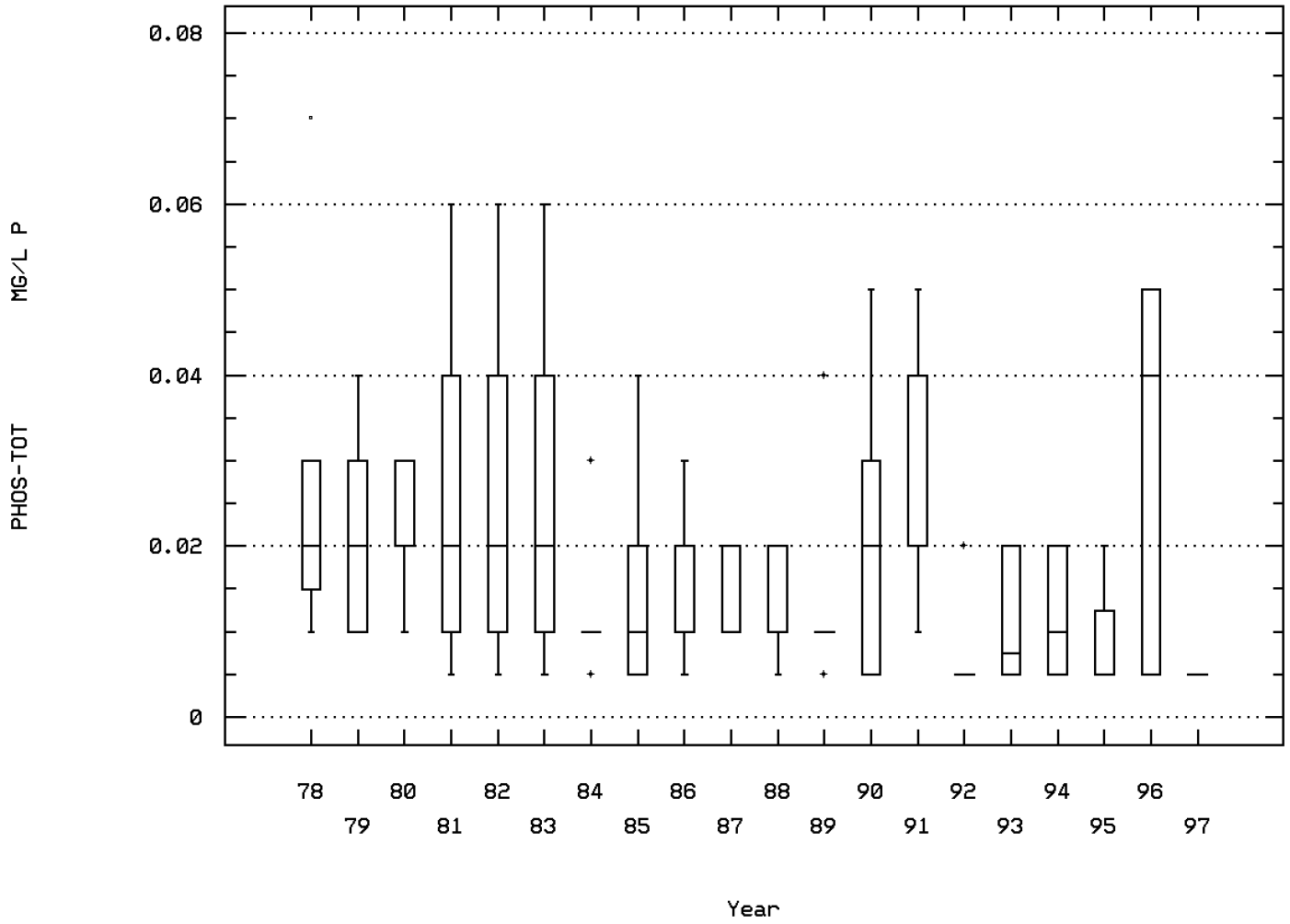
NITRITE PLUS NITRATE, DISS. 1 DET. (MG/



ALVA B ADAMS TUN AT E PORTAL, NR ESTES

Station: ROMO0410 Parameter Code: 00665

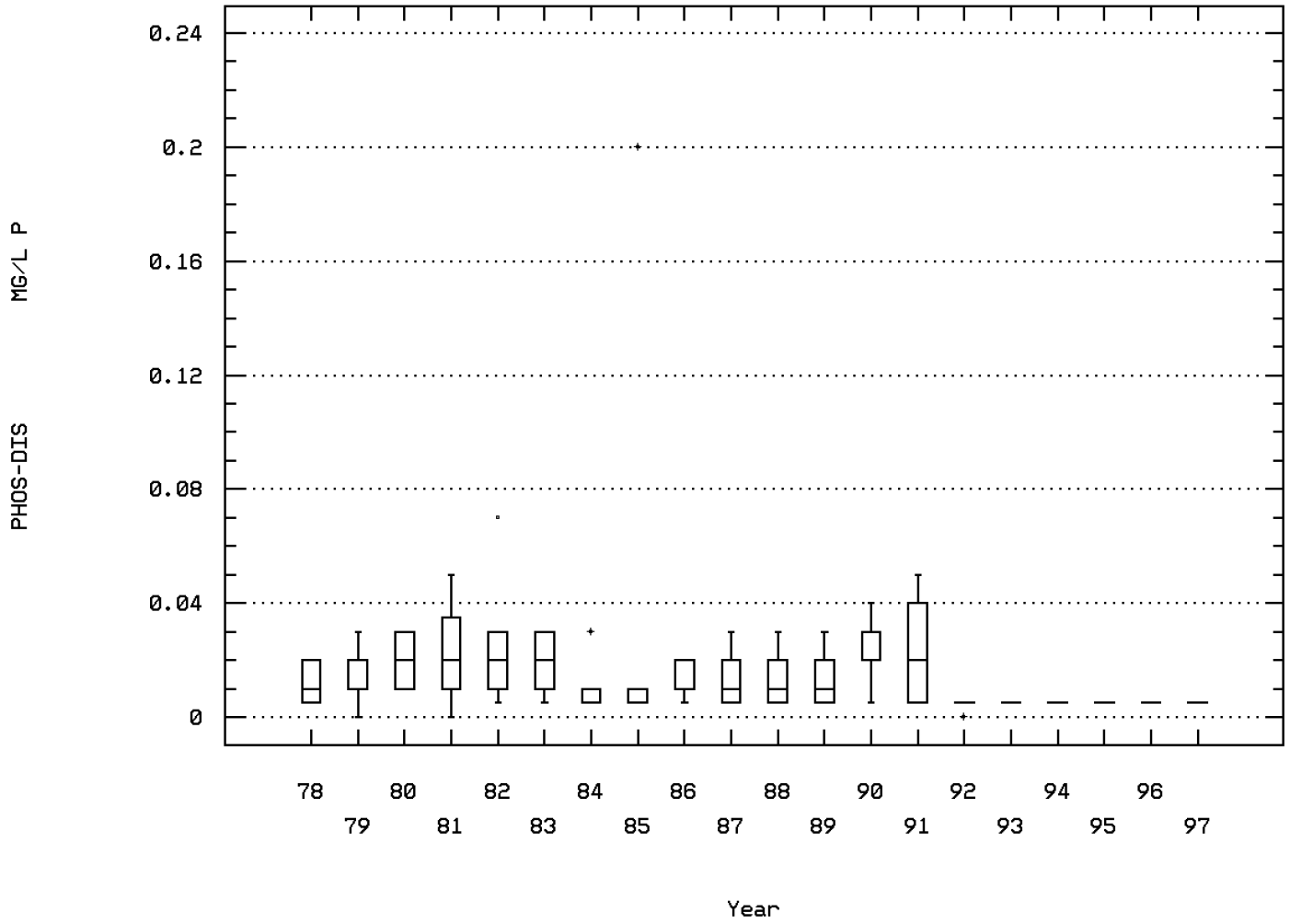
PHOSPHORUS, TOTAL (MG/L AS P)



ALVA B ADAMS TUN AT E PORTAL, NR ESTES

Station: ROMO0410 Parameter Code: 00666

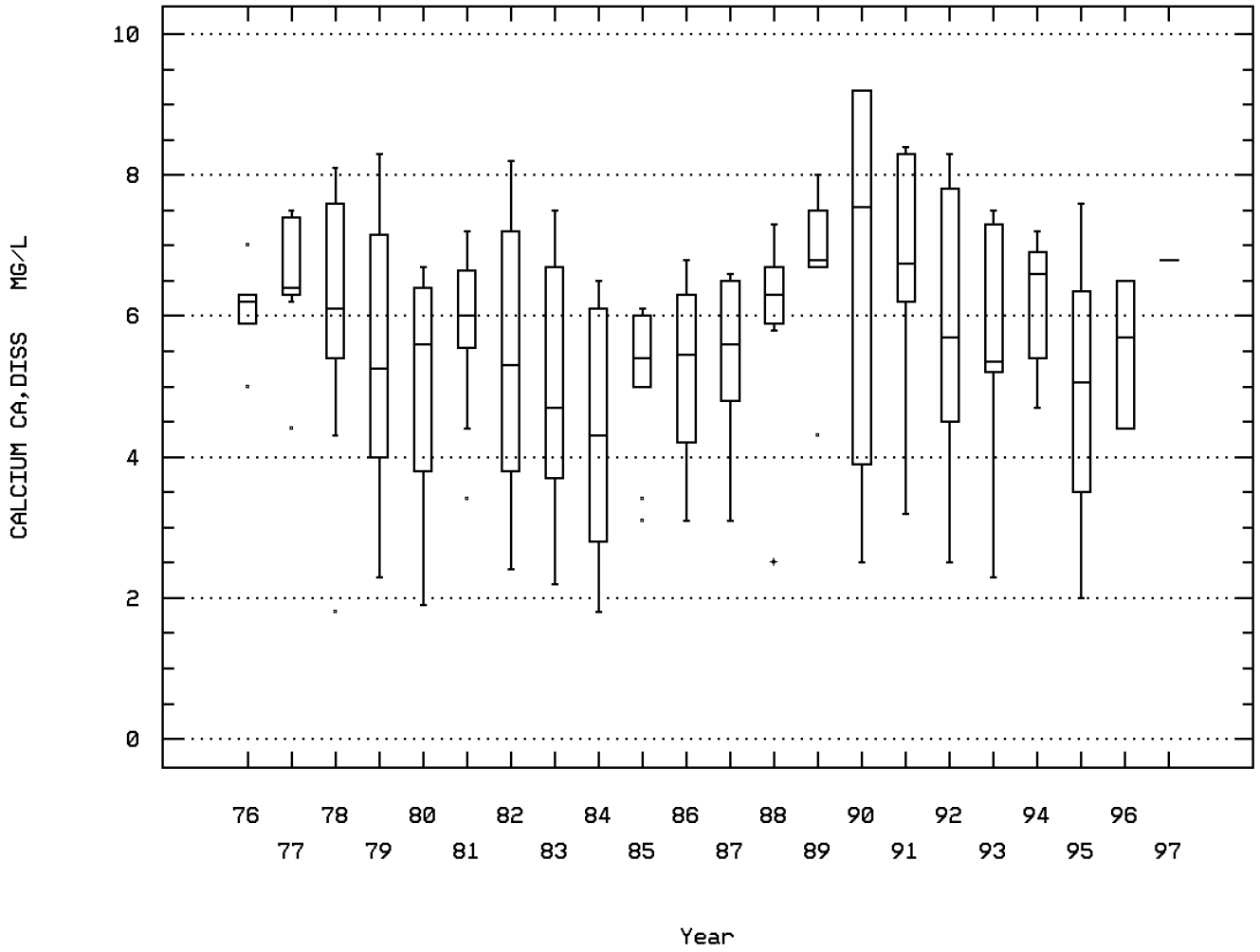
PHOSPHORUS, DISSOLVED (MG/L AS P)



ALVA B ADAMS TUN AT E PORTAL, NR ESTES

Station: ROMO0410 Parameter Code: 00915

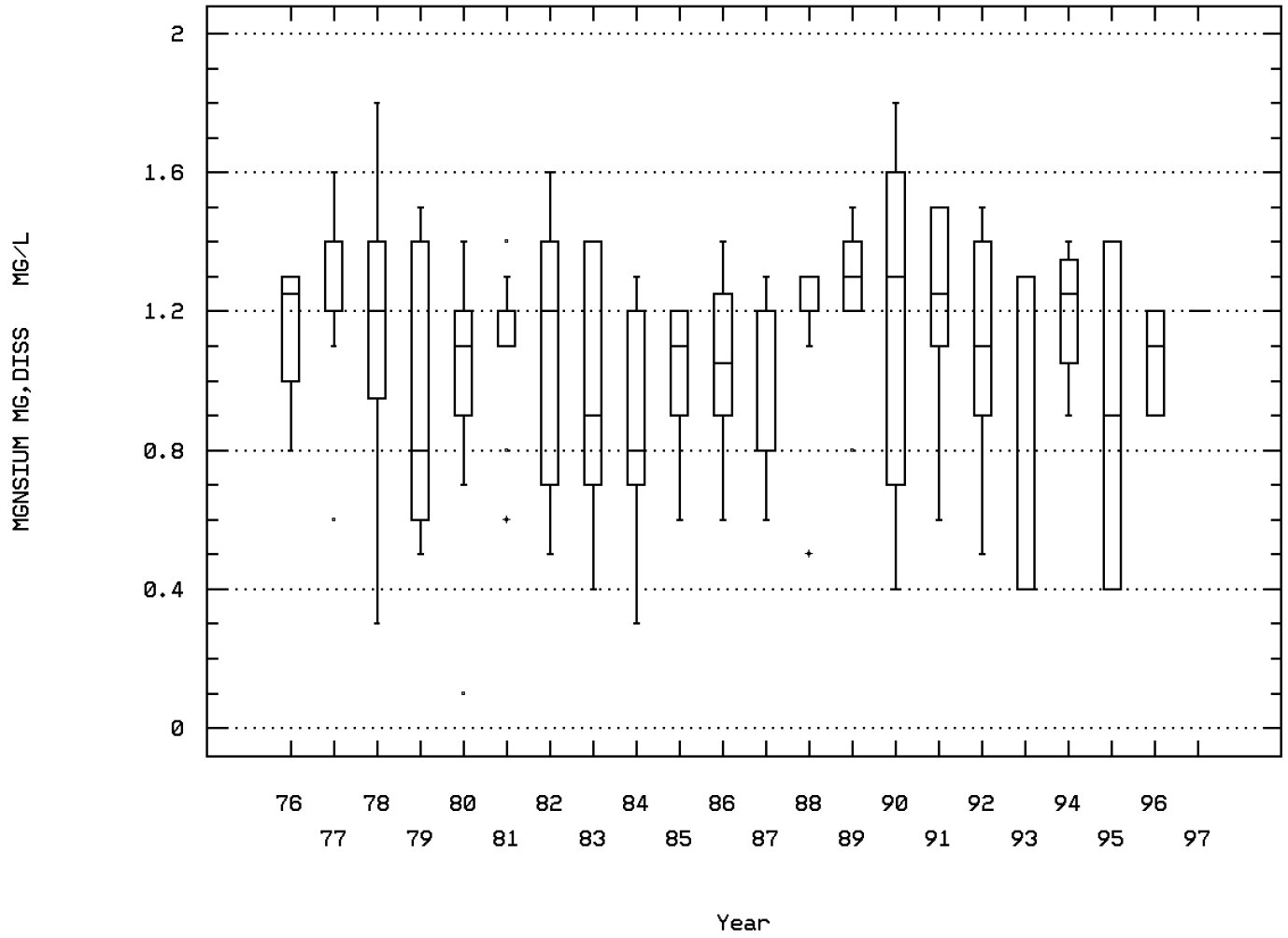
CALCIUM, DISSOLVED (MG/L AS CA)



ALVA B ADAMS TUN AT E PORTAL, NR ESTES

Station: ROMO0410 Parameter Code: 00925

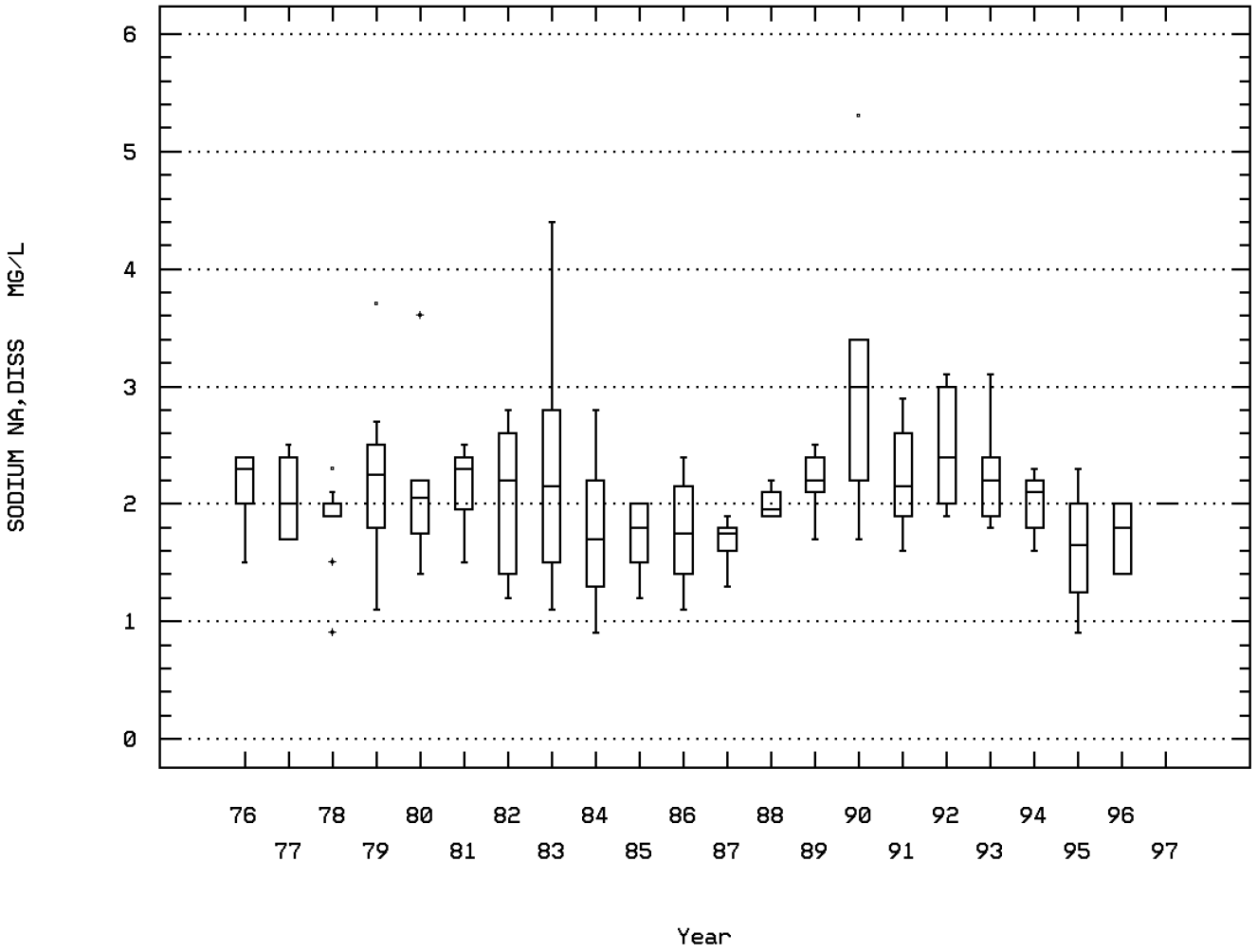
MAGNESIUM, DISSOLVED (MG/L AS MG)



ALVA B ADAMS TUN AT E PORTAL, NR ESTES

Station: ROMO0410 Parameter Code: 00930

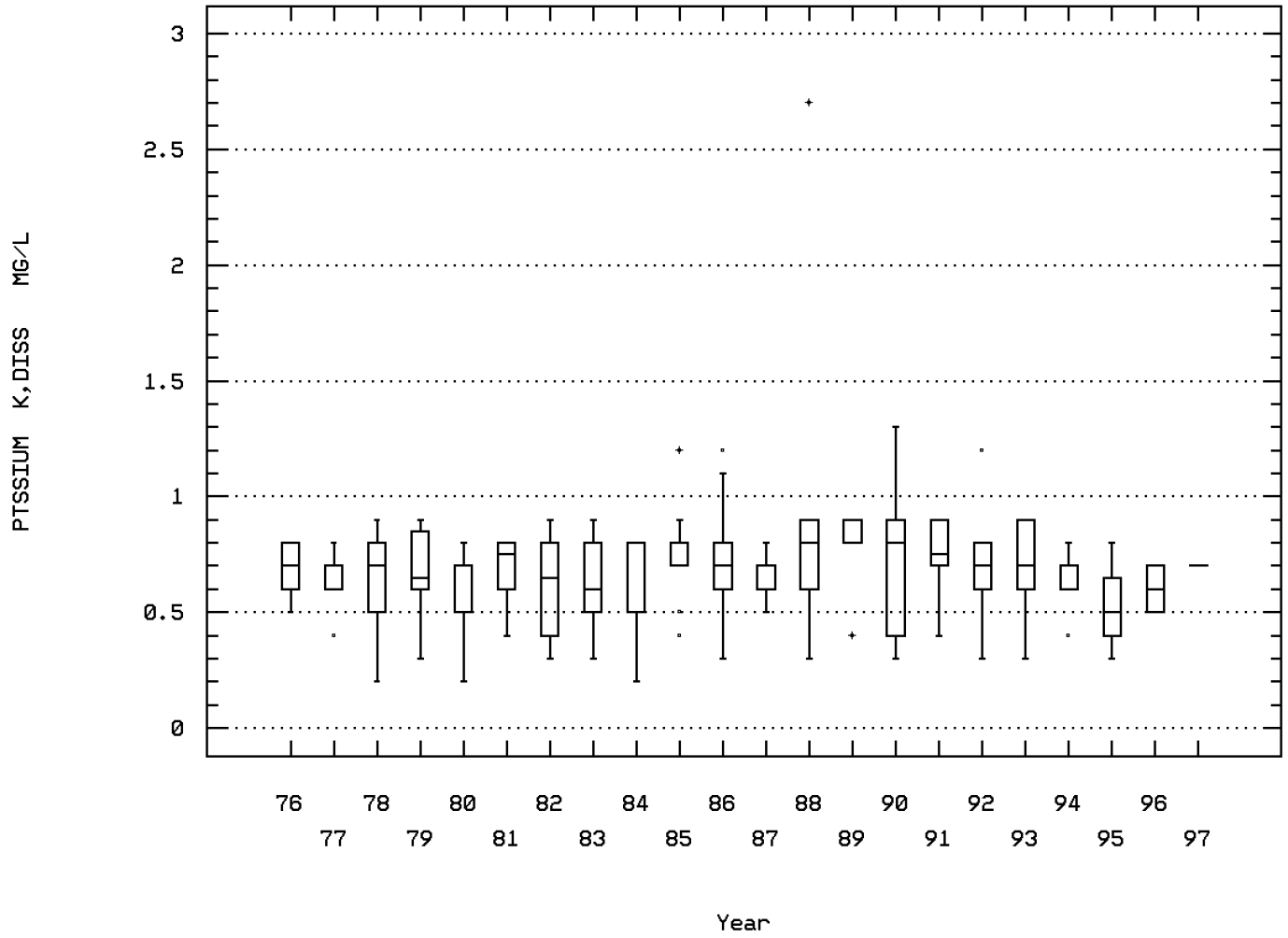
SODIUM, DISSOLVED (MG/L AS NA)



ALVA B ADAMS TUN AT E PORTAL, NR ESTES

Station: ROMO0410 Parameter Code: 00935

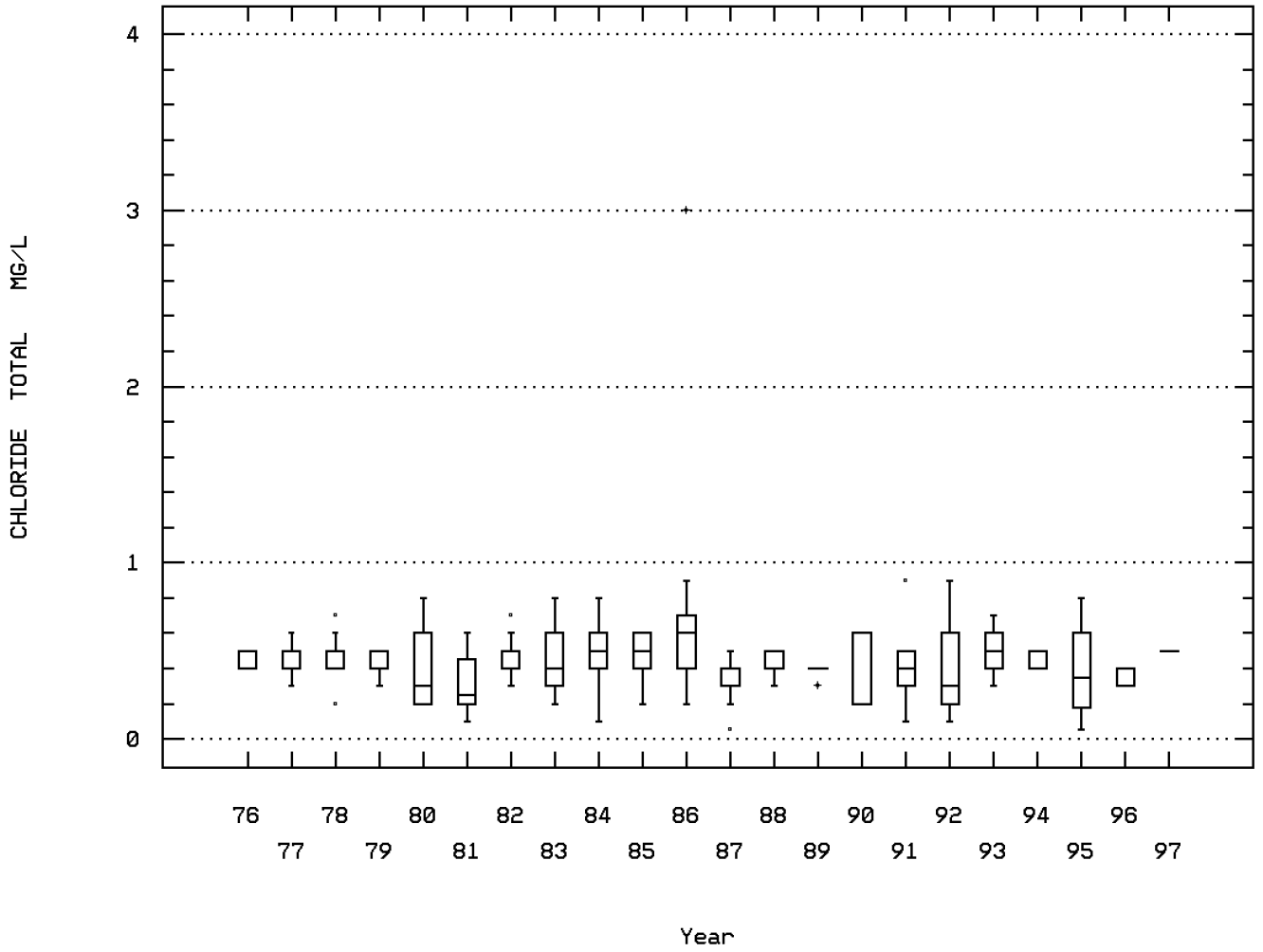
POTASSIUM, DISSOLVED (MG/L AS K)



ALVA B ADAMS TUN AT E PORTAL, NR ESTES

Station: ROMO0410 Parameter Code: 00940

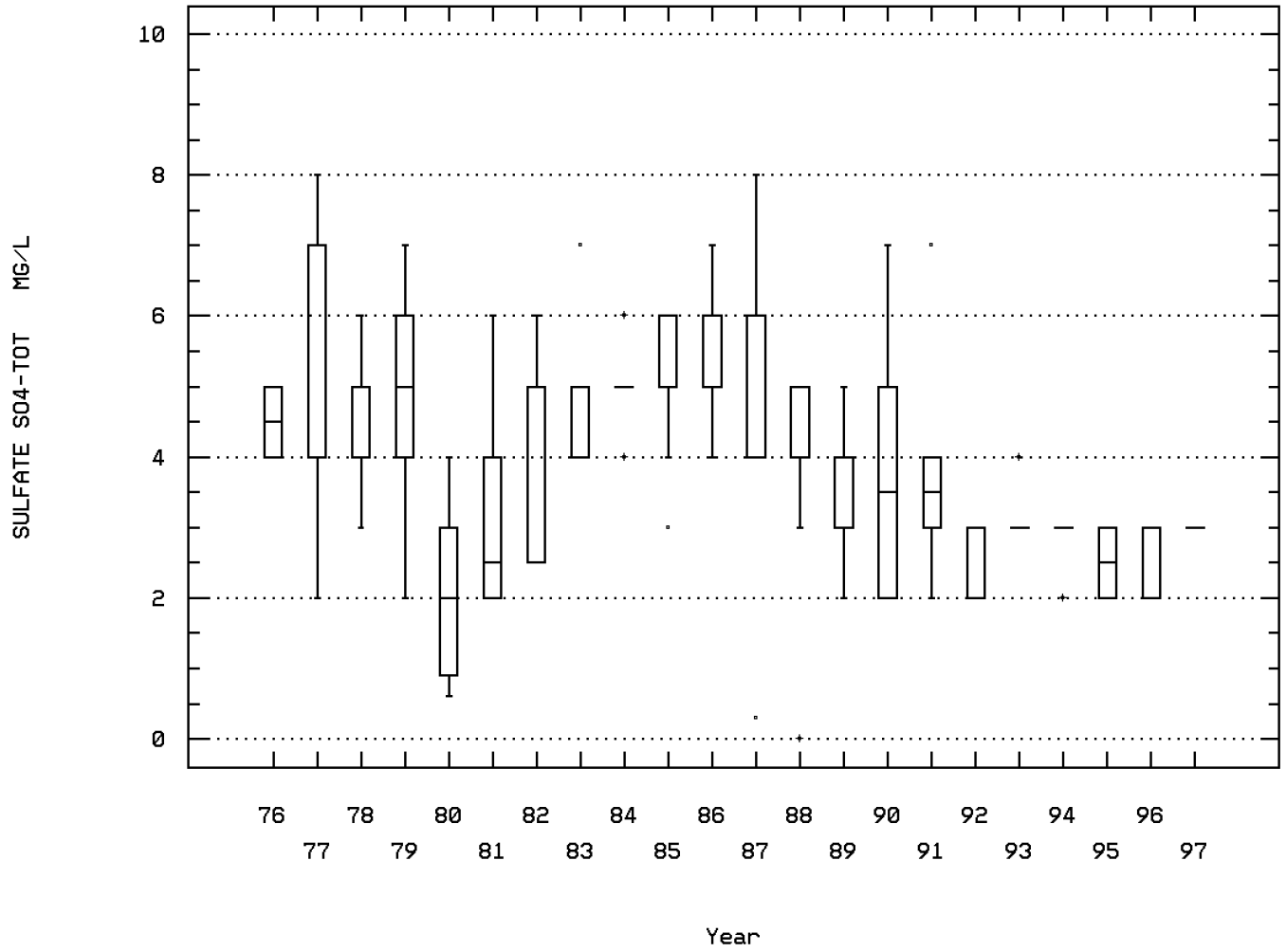
CHLORIDE,TOTAL IN WATER



ALVA B ADAMS TUN AT E PORTAL, NR ESTES

Station: ROMO0410 Parameter Code: 00945

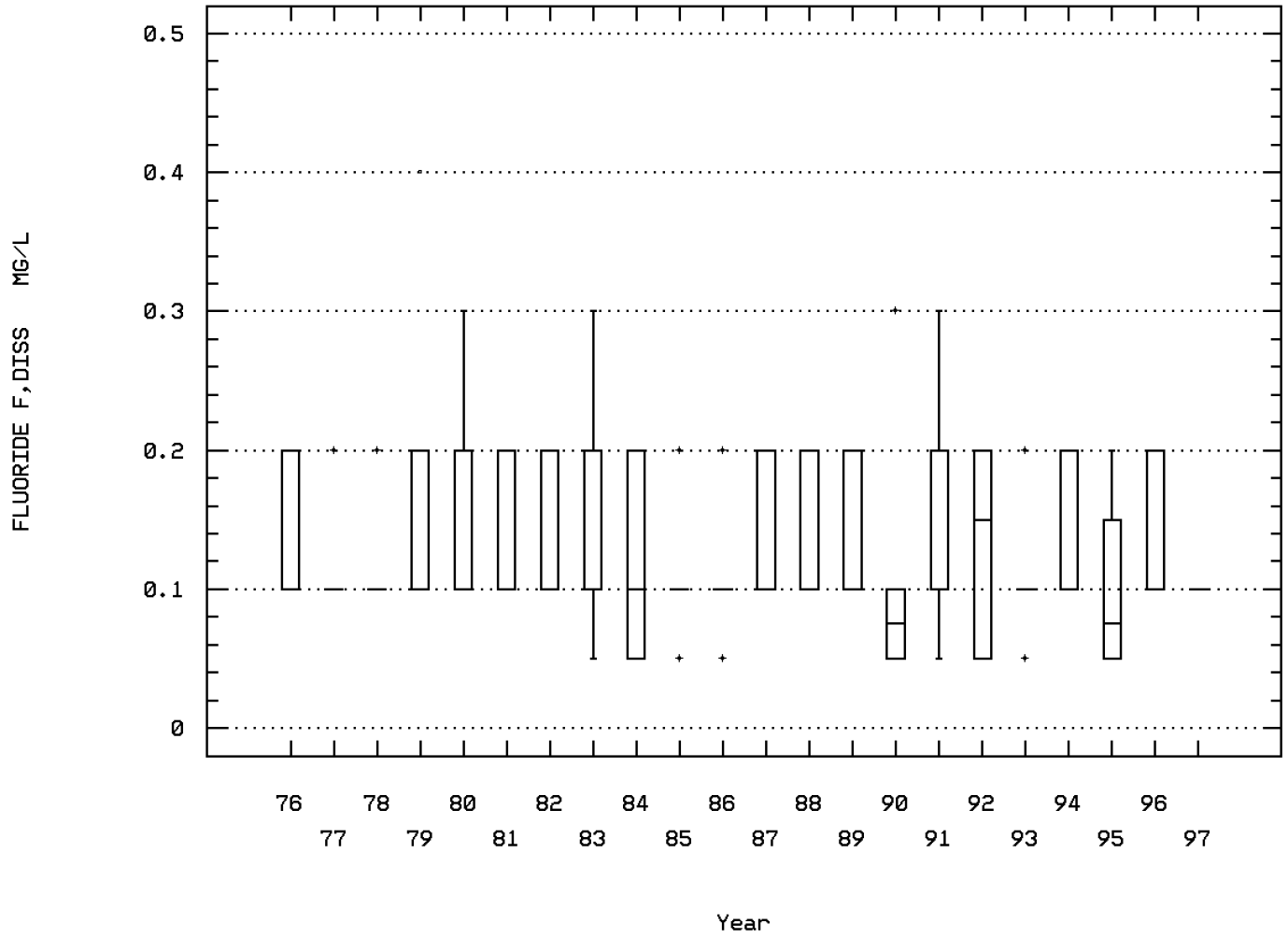
SULFATE, TOTAL (MG/L AS SO4)



ALVA B ADAMS TUN AT E PORTAL, NR ESTES

Station: ROMO0410 Parameter Code: 00950

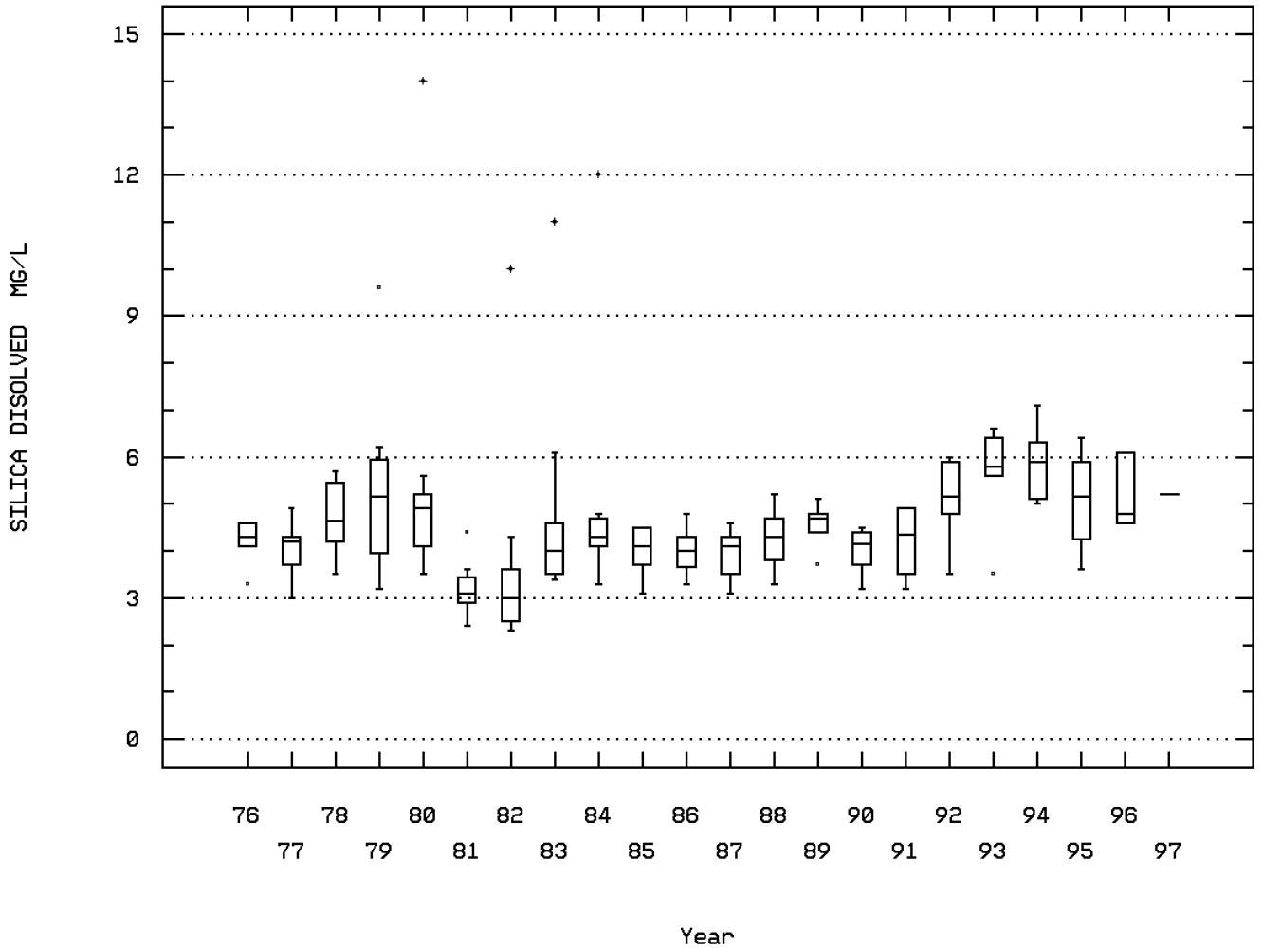
FLUORIDE, DISSOLVED (MG/L AS F)



ALVA B ADAMS TUN AT E PORTAL, NR ESTES

Station: ROMO0410 Parameter Code: 00955

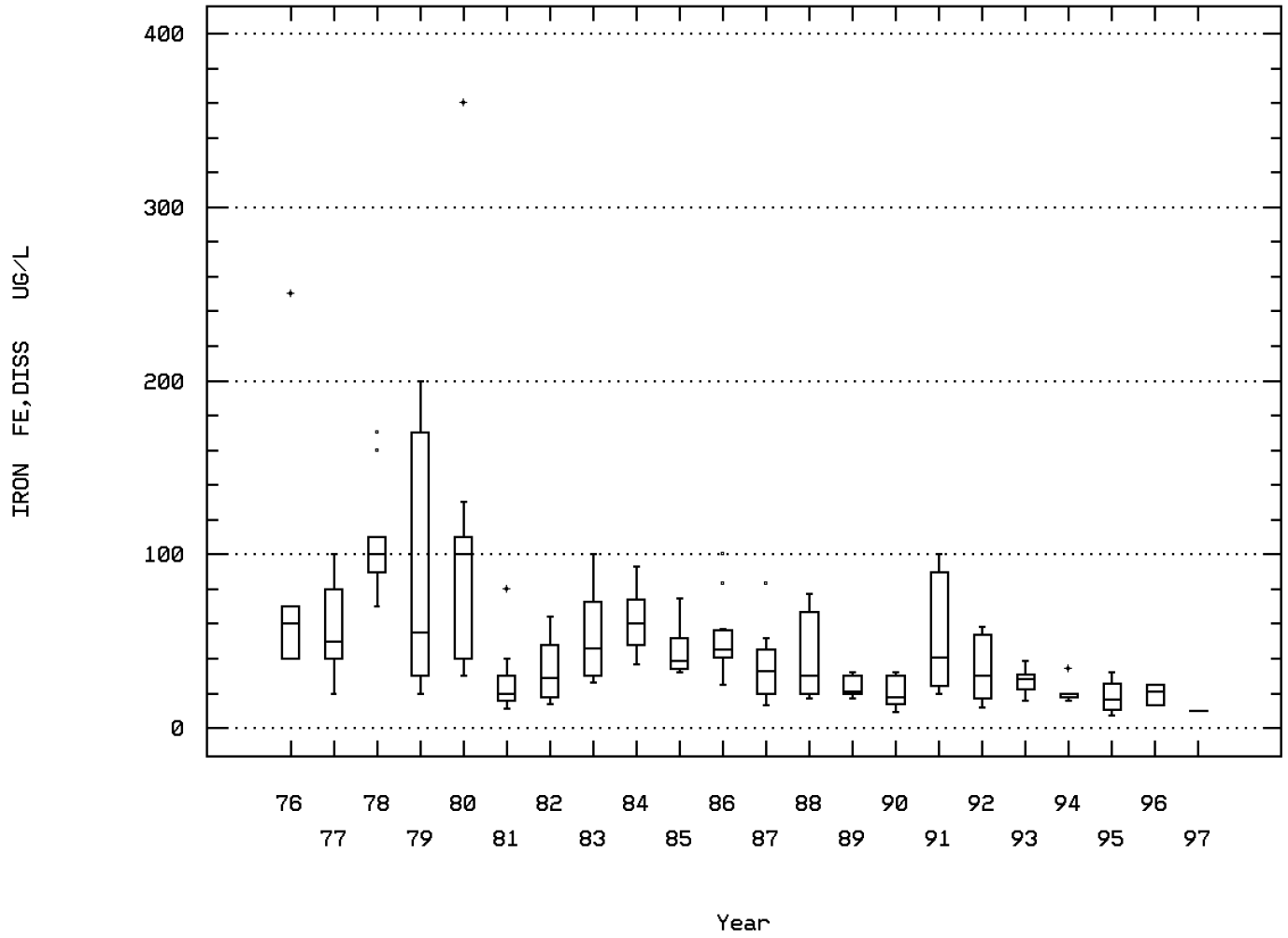
SILICA, DISSOLVED (MG/L AS SI02)



ALVA B ADAMS TUN AT E PORTAL, NR ESTES

Station: ROMO0410 Parameter Code: 01046

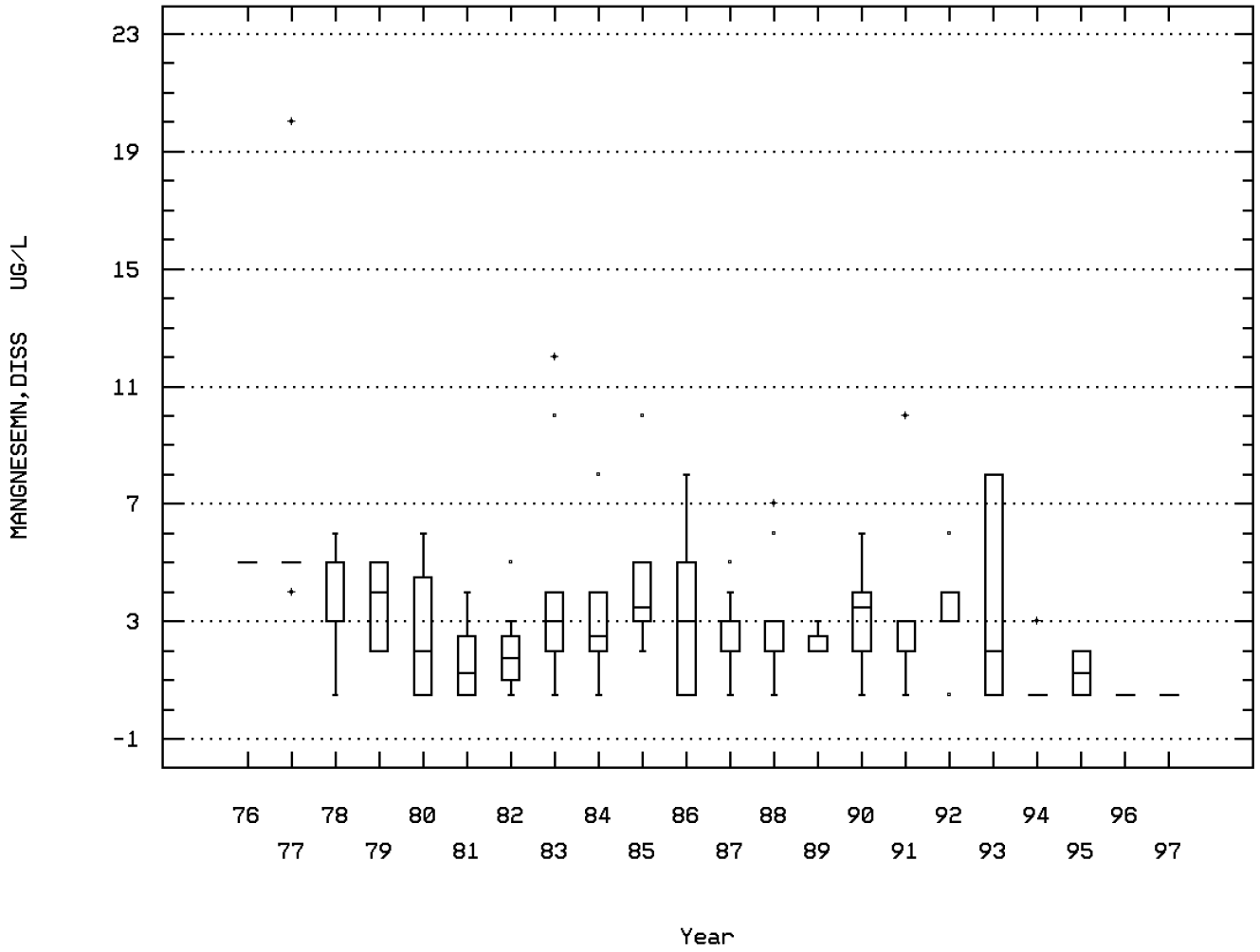
IRON, DISSOLVED (UG/L AS FE)



ALVA B ADAMS TUN AT E PORTAL, NR ESTES

Station: ROMO0410 Parameter Code: 01056

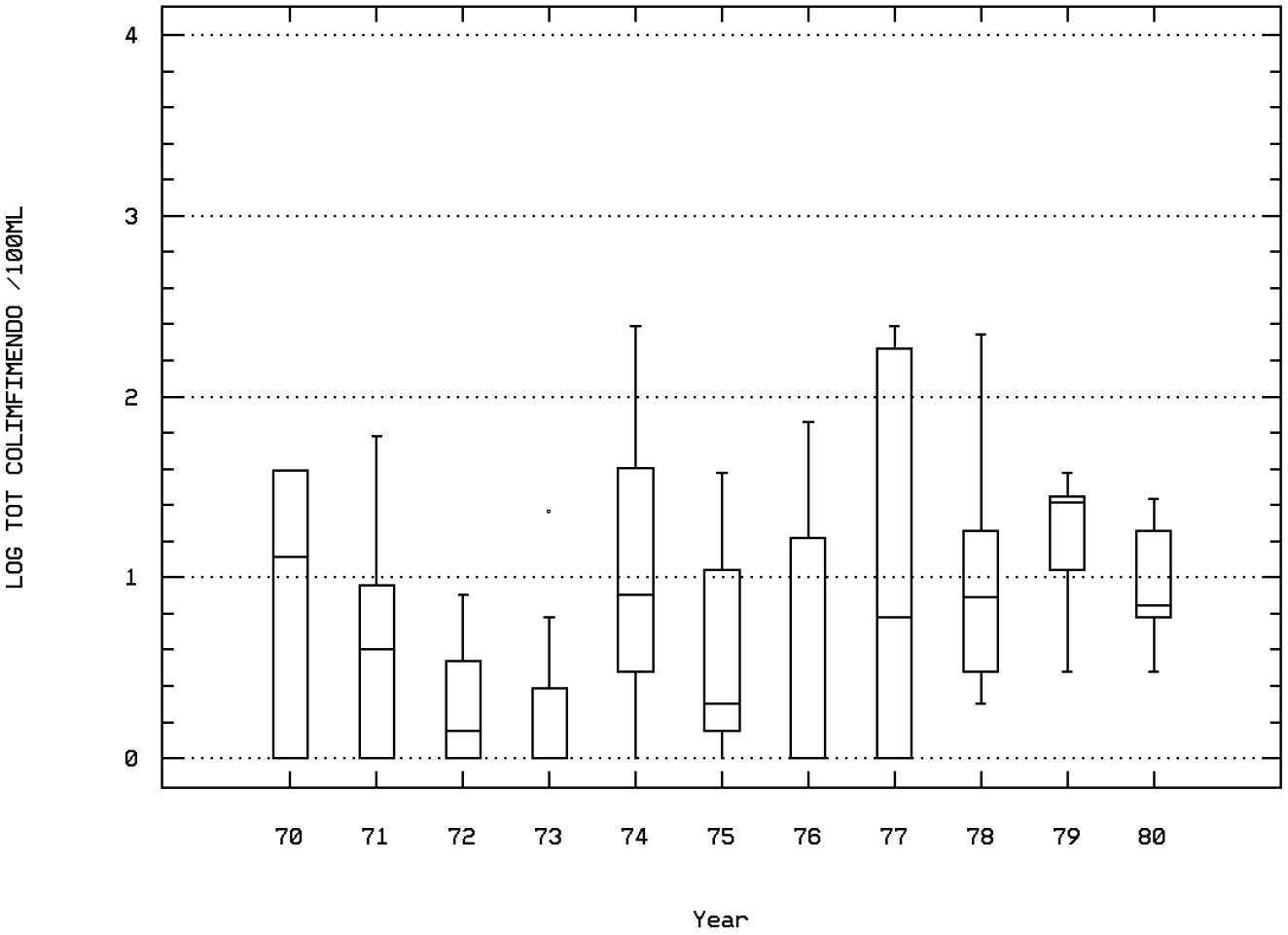
MANGANESE, DISSOLVED (UG/L AS MN)



ALVA B ADAMS TUN AT E PORTAL, NR ESTES

Station: ROMO0410 Parameter Code: 31501

LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.



ALVA B ADAMS TUN AT E PORTAL, NR ESTES

Seasonal Analysis for Season #1: 6/10 to 10/31 - Station ROMO0410

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/70-03/10/97	96	13.25	12.957	23.8	0.	12.438	3.527	8.35	10.	15.5	17.
00025	BAROMETRIC PRESSURE (MM OF HG)	10/05/82-03/10/97	42	565.	556.048	667.	0.	8072.388	89.846	560.	562.75	567.25	579.1
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/09/74-03/10/97	77	445.	390.408	619.	0.	30156.768	173.657	14.8	266.	526.	542.
00065	STAGE, STREAM (FEET)	11/29/82-03/10/97	28	3.535	2.992	4.11	0.	1.738	1.318	0.329	2.24	3.978	4.052
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/70-03/10/97	94	33.	34.926	80.	0.	163.08	12.77	21.	25.	46.25	50.5
00300p	OXYGEN, DISSOLVED MG/L	09/02/70-03/10/97	94	7.8	7.768	10.	0.	1.151	1.073	7.2	7.4	8.225	8.8
00400p	PH (STANDARD UNITS)	09/02/70-03/10/97	92	7.5	7.521	8.7	6.2	0.297	0.545	6.83	7.2	7.9	8.207
00400p	CONVERTED PH (STANDARD UNITS)	09/02/70-03/10/97	92	7.5	7.165	8.7	6.2	0.425	0.652	6.83	7.2	7.9	8.207
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/02/70-03/10/97	92	0.032	0.068	0.631	0.002	0.014	0.118	0.006	0.013	0.063	0.149
00403	PH, LAB, STANDARD UNITS SU	12/18/80-03/10/97	49	7.7	7.757	8.6	7.	0.177	0.421	7.2	7.4	8.1	8.4
00403	CONVERTED PH, LAB, STANDARD UNITS	12/18/80-03/10/97	49	7.7	7.585	8.6	7.	0.208	0.456	7.2	7.4	8.1	8.4
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/80-03/10/97	49	0.02	0.026	0.1	0.003	0.	0.022	0.004	0.008	0.04	0.063
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	01/10/89-03/10/97	14	0.02	0.016	0.03	0.005	0.	0.009	0.005	0.007	0.02	0.03
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/12/78-11/19/92	7	0.02	0.019	0.03	0.005	0.	0.01	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	04/12/78-03/10/97	14 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/08/78-03/10/97	59	0.4	0.498	2.4	0.1	0.143	0.378	0.1	0.3	0.6	0.8
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/08/78-11/19/92	48 ##	0.05	0.056	0.81	0.	0.013	0.113	0.	0.025	0.05	0.05
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/11/76-03/10/97	66 ##	0.05	0.041	0.1	0.	0.001	0.023	0.01	0.025	0.05	0.056
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/08/78-03/10/97	59	0.02	0.02	0.06	0.005	0.	0.015	0.005	0.01	0.03	0.04
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/13/78-03/10/97	55	0.01	0.014	0.07	0.	0.	0.013	0.005	0.005	0.02	0.03
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/11/76-03/10/97	25 ##	0.005	0.008	0.05	0.005	0.	0.009	0.005	0.005	0.005	0.014
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/11/76-03/23/83	27	14.	14.741	22.	5.	25.199	5.02	7.6	12.	20.	21.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/11/76-03/10/97	67	4.3	4.257	7.	1.8	1.991	1.411	2.3	3.1	5.4	6.3
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/11/76-03/10/97	67	0.8	0.81	1.3	0.1	0.082	0.286	0.4	0.6	1.	1.2
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/11/76-03/10/97	67	1.5	1.642	3.7	0.9	0.303	0.55	1.	1.2	1.9	2.3
00931	SODIUM ADSORPTION RATIO	08/11/76-03/23/83	27	0.2	0.222	0.5	0.2	0.005	0.07	0.2	0.2	0.2	0.32
00932	SODIUM, PERCENT	08/11/76-03/23/83	27	19.	21.259	39.	15.	36.43	6.036	16.	17.	24.	30.8
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/11/76-03/10/97	67	0.5	0.53	1.2	0.2	0.038	0.196	0.3	0.4	0.6	0.72
00940	CHLORIDE,TOTAL IN WATER MG/L	08/11/76-03/10/97	66	0.35	0.354	1.	0.05	0.024	0.154	0.2	0.275	0.4	0.53
00945	SULFATE, TOTAL (MG/L AS SO4)	08/11/76-03/10/97	65	4.	3.625	8.	0.6	3.006	1.734	1.6	2.	5.	6.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/11/76-03/10/97	66	0.1	0.115	0.4	0.05	0.004	0.061	0.05	0.1	0.1	0.2
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/11/76-03/10/97	67	3.6	3.812	10.	2.5	0.956	0.978	3.1	3.3	4.1	4.82
01005	BARIUM, DISSOLVED (UG/L AS BA)	01/10/89-03/10/97	14	4.	4.357	7.	3.	1.786	1.336	3.	3.	5.25	6.5
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	01/10/89-03/10/97	14 ##	0.25	0.25	0.25	0.25	0.	0.	0.25	0.25	0.25	0.25
01020	BORON, DISSOLVED (UG/L AS B)	01/10/89-03/10/97	14 ##	5.	5.5	10.	2.	4.269	2.066	3.5	5.	5.	10.
01025	CADMIUM, DISSOLVED (UG/L AS CD)	05/10/78-03/10/97	32 ##	0.5	0.594	3.	0.	0.217	0.466	0.5	0.5	0.5	0.85
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	01/10/89-03/10/97	14 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
01035	COBALT, DISSOLVED (UG/L AS CO)	01/10/89-03/10/97	14 ##	1.5	1.5	1.5	1.5	0.	0.	1.5	1.5	1.5	1.5
01040	COPPER, DISSOLVED (UG/L AS CU)	05/10/78-03/10/97	32 ##	3.5	3.563	20.	0.	12.77	3.574	1.	1.	5.	5.
01046	IRON, DISSOLVED (UG/L AS FE)	08/11/76-03/10/97	67	33.	43.	250.	11.	1117.636	33.431	17.8	25.	48.	73.8
01049	LEAD, DISSOLVED (UG/L AS PB)	05/10/78-03/10/97	32 ##	4.	4.063	19.	0.	11.738	3.426	0.65	2.125	5.	5.7
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/11/76-03/10/97	67	2.	2.231	6.	0.5	2.866	1.693	0.5	0.5	4.	5.
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	01/10/89-03/10/97	14 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01065	NICKEL, DISSOLVED (UG/L AS NI)	05/10/78-03/10/97	32 ##	2.5	2.734	5.	0.	4.871	2.207	0.	0.5	5.	5.
01075	SILVER, DISSOLVED (UG/L AS AG)	01/10/89-03/10/97	14 ##	0.5	0.607	1.	0.5	0.045	0.213	0.5	0.5	0.625	1.
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	01/10/89-03/10/97	14	25.5	24.357	41.	10.	95.17	9.756	11.	14.	33.5	38.5
01085	VANADIUM, DISSOLVED (UG/L AS V)	01/10/89-03/10/97	14 ##	3.	3.	3.	3.	0.	0.	3.	3.	3.	3.
01090	ZINC, DISSOLVED (UG/L AS ZN)	05/10/78-03/10/97	32	4.5	6.828	35.	0.	57.832	7.605	1.5	1.5	9.	18.1
01130	LITHIUM, DISSOLVED (UG/L AS LI)	01/10/89-03/10/97	14 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/02/70-09/17/80	43	12.	33.14	245.	0.	3456.647	58.793	1.	3.	27.	102.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/02/70-09/17/80	43	1.079	1.027	2.389	0.	0.462	0.679	0.	0.477	1.431	1.998
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			10.648								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/02/70-02/10/77	29	0.5	1.897	13.	0.	10.614	3.258	0.	0.	2.5	8.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/02/70-02/10/77	29	-0.301	0.134	1.114	-0.301	0.165	0.407	0.	0.	0.389	0.903
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.363								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/12/78-03/10/97	14	20.	23.071	46.	4.	125.302	11.194	7.	16.	32.	40.
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/11/76-04/16/87	22	26.	25.	35.	14.	35.619	5.968	16.3	19.	29.5	32.
70302	SOLIDS, DISSOLVED-TONS PER DAY	08/11/76-03/23/83	22	29.7	29.145	46.5	0.39	142.708	11.946	13.78	19.05	39.625	45.37
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/11/76-03/23/83	22	0.04	0.035	0.05	0.02	0.	0.008	0.02	0.03	0.04	0.04

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 6/10 to 10/31 - Station ROMO0410

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	04/18/79-09/24/85	24	0.06	0.078	0.18	0.03	0.003	0.051	0.03	0.03	0.12	0.165

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 4/10 - Station ROMO0410

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/70-03/10/97	118	2.5	3.085	9.	1.	2.374	1.541	1.5	2.	4.	5.
00025	BAROMETRIC PRESSURE (MM OF HG)	10/05/82-03/10/97	54	560.5	564.574	639.	550.	264.325	16.258	555.	555.	565.	571.
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/09/74-03/10/97	89	487.	428.697	566.	0.4	19809.572	140.746	204.	399.	529.	551.
00065	STAGE, STREAM (FEET)	11/29/82-03/10/97	40	3.485	3.161	4.16	0.05	1.365	1.168	0.612	2.608	4.057	4.109
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/70-03/10/97	114	55.	54.491	90.	25.	156.164	12.497	40.5	50.	60.	65.5
00300p	OXYGEN, DISSOLVED MG/L	09/02/70-03/10/97	111	8.6	8.677	13.4	6.4	0.689	0.83	7.8	8.2	9.	9.5
00400p	PH (STANDARD UNITS)	09/02/70-03/10/97	108	7.375	7.382	8.7	6.4	0.26	0.51	6.7	7.	7.7	8.2
00400p	CONVERTED PH (STANDARD UNITS)	09/02/70-03/10/97	108	7.374	7.135	8.7	6.4	0.321	0.567	6.7	7.	7.7	8.2
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/02/70-03/10/97	108	0.042	0.073	0.398	0.002	0.006	0.077	0.006	0.02	0.1	0.2
00403	PH, LAB, STANDARD UNITS SU	12/18/80-03/10/97	61	7.6	7.595	9.3	6.8	0.138	0.372	7.2	7.3	7.8	8.
00403	CONVERTED PH, LAB, STANDARD UNITS	12/18/80-03/10/97	61	7.6	7.473	9.3	6.8	0.154	0.392	7.2	7.3	7.8	8.
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/80-03/10/97	61	0.025	0.034	0.158	0.001	0.001	0.026	0.01	0.016	0.05	0.063
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	01/10/89-03/10/97	22	0.01	0.013	0.04	0.005	0.	0.009	0.005	0.008	0.02	0.027
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/12/78-11/19/92	12	0.02	0.019	0.05	0.005	0.	0.013	0.005	0.006	0.028	0.044
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	04/12/78-03/10/97	22 ##	0.005	0.007	0.03	0.005	0.	0.006	0.005	0.005	0.005	0.017
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/08/78-03/10/97	72	0.3	0.398	5.4	0.02	0.392	0.626	0.1	0.2	0.48	0.6
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/08/78-11/19/92	58 ##	0.05	0.08	0.2	0.025	0.002	0.042	0.05	0.05	0.1	0.151
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/11/76-03/10/97	80	0.075	0.083	0.2	0.	0.002	0.044	0.05	0.05	0.1	0.1
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/08/78-03/10/97	73	0.02	0.019	0.07	0.005	0.	0.015	0.005	0.01	0.021	0.04
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/13/78-03/10/97	72	0.01	0.015	0.05	0.	0.	0.012	0.005	0.005	0.02	0.03
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/11/76-03/10/97	32 ##	0.005	0.013	0.1	0.	0.	0.019	0.005	0.005	0.01	0.03
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/11/76-03/23/83	32	22.	22.25	28.	17.	8.258	2.874	17.6	20.	24.	26.4
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/11/76-03/10/97	81	6.6	6.632	9.2	4.4	1.004	1.002	5.24	6.	7.3	8.08
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/11/76-03/10/97	81	1.2	1.258	1.8	0.8	0.039	0.197	1.	1.2	1.4	1.5
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/11/76-03/10/97	81	2.1	2.206	5.3	1.4	0.261	0.511	1.7	1.9	2.4	2.68
00931	SODIUM ADSORPTION RATIO	08/11/76-03/23/83	32	0.2	0.203	0.3	0.2	0.	0.018	0.2	0.2	0.2	0.2
00932	SODIUM, PERCENT	08/11/76-03/23/83	32	17.	17.625	25.	13.	5.403	2.324	15.	17.	18.	20.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/11/76-03/10/97	80	0.8	0.801	2.7	0.5	0.065	0.256	0.6	0.7	0.8	0.9
00940	CHLORIDE,TOTAL IN WATER MG/L	08/11/76-03/10/97	80	0.5	0.526	3.	0.2	0.116	0.34	0.3	0.4	0.6	0.8
00945	SULFATE, TOTAL (MG/L AS SO4)	08/11/76-03/10/97	80	5.	4.209	7.	0.	2.748	1.658	2.	3.	5.	6.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/11/76-03/10/97	81	0.1	0.14	0.3	0.05	0.003	0.057	0.1	0.1	0.2	0.2
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/11/76-03/10/97	81	4.4	4.579	7.1	2.3	0.826	0.909	3.54	4.15	4.95	5.98
01005	BARIUM, DISSOLVED (UG/L AS BA)	01/10/89-03/10/97	22	7.	6.727	8.	5.	0.779	0.883	5.3	6.	7.	8.
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	01/10/89-03/10/97	22 ##	0.25	0.275	0.8	0.25	0.014	0.117	0.25	0.25	0.25	0.25
01020	BORON, DISSOLVED (UG/L AS B)	01/10/89-03/10/97	22 ##	5.	6.545	30.	2.	38.831	6.231	2.9	5.	5.	15.5
01025	CADMIUM, DISSOLVED (UG/L AS CD)	05/10/78-03/10/97	37 ##	0.5	0.662	2.	0.5	0.181	0.426	0.5	0.5	0.5	1.2
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	01/10/89-03/10/97	22 ##	2.5	2.705	7.	2.5	0.92	0.959	2.5	2.5	2.5	2.5
01035	COBALT, DISSOLVED (UG/L AS CO)	01/10/89-03/10/97	22 ##	1.5	1.5	1.5	1.5	0.	0.	1.5	1.5	1.5	1.5
01040	COPPER, DISSOLVED (UG/L AS CU)	05/10/78-03/10/97	37 ##	5.	3.986	9.	0.	4.646	2.155	0.9	2.	5.	5.4
01046	IRON, DISSOLVED (UG/L AS FE)	08/11/76-03/10/97	81	39.	49.877	200.	7.	1864.71	43.182	14.4	20.	60.	108.
01049	LEAD, DISSOLVED (UG/L AS PB)	05/10/78-03/10/97	37 ##	5.	3.77	10.	0.	6.883	2.624	0.	0.75	5.	5.4
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/11/76-03/10/97	81	3.	3.043	10.	0.5	5.114	2.261	0.5	1.	5.	6.
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	01/10/89-03/10/97	22 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01065	NICKEL, DISSOLVED (UG/L AS NI)	05/10/78-03/10/97	37 ##	5.	3.905	12.	0.	6.248	2.5	0.5	1.	5.	5.
01075	SILVER, DISSOLVED (UG/L AS AG)	01/10/89-03/10/97	22 ##	0.5	0.75	2.	0.	0.304	0.551	0.5	0.5	1.	2.
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	01/10/89-03/10/97	22	44.	42.591	60.	26.	69.682	8.348	30.3	35.75	48.25	52.1
01085	VANADIUM, DISSOLVED (UG/L AS V)	01/10/89-03/10/97	22 ##	3.	3.	3.	3.	0.	0.	3.	3.	3.	3.
01090	ZINC, DISSOLVED (UG/L AS ZN)	05/10/78-03/10/97	37	5.	6.811	22.	1.5	34.852	5.904	1.5	1.5	10.	17.2
01130	LITHIUM, DISSOLVED (UG/L AS LI)	01/10/89-03/10/97	22 ##	2.	2.091	4.	2.	0.182	0.426	2.	2.	2.	2.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/02/70-09/17/80	45	3.	7.922	58.	0.	149.477	12.226	0.	0.5	10.	22.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 4/10 - Station ROMO0410

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/02/70-09/17/80	45	0.477	0.516	1.763	-0.301	0.355	0.596	0.	-0.301	1.	1.347
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			3.281								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/02/70-02/10/77	33	0.5	1.	9.	0.	3.234	1.798	0.	0.	1.	3.6
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/02/70-02/10/77	33	-0.301	0.007	0.954	-0.301	0.092	0.304	0.	0.	0.	0.552
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.016								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/12/78-03/10/97	22	37.	36.909	60.	0.	158.848	12.604	21.2	31.5	46.	52.8
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/11/76-04/16/87	32	33.	34.375	41.	28.	16.113	4.014	29.	31.	37.75	40.
70302	SOLIDS, DISSOLVED-TONS PER DAY	08/11/76-03/23/83	31	43.2	42.603	60.4	15.	131.119	11.451	20.44	38.5	50.9	56.06
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/11/76-03/23/83	31	0.04	0.045	0.06	0.04	0.	0.006	0.04	0.04	0.05	0.05
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	04/18/79-09/24/85	20	0.06	0.074	0.18	0.03	0.002	0.045	0.03	0.038	0.09	0.174

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/11 to 6/09 - Station ROMO0410

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/70-03/10/97	41	5.	5.188	9.	2.5	3.176	1.782	3.	3.75	6.5	7.9
00025	BAROMETRIC PRESSURE (MM OF HG)	10/05/82-03/10/97	17	561.	560.412	570.	540.	44.382	6.662	550.4	560.	565.	567.6
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/09/74-03/10/97	34	447.	382.232	559.	0.9	34609.223	186.036	8.	289.25	529.25	548.
00065	STAGE, STREAM (FEET)	11/29/82-03/10/97	12	3.525	2.78	4.13	0.09	2.612	1.616	0.132	0.855	4.012	4.115
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/70-03/10/97	41	50.	49.024	75.	25.	124.824	11.172	30.4	44.	56.5	60.
00300p	OXYGEN, DISSOLVED MG/L	09/02/70-03/10/97	41	8.3	8.305	9.4	7.3	0.23	0.48	7.52	8.	8.6	8.96
00400p	PH (STANDARD UNITS)	09/02/70-03/10/97	40	7.3	7.278	8.1	6.4	0.197	0.443	6.61	7.	7.675	7.89
00400p	CONVERTED PH (STANDARD UNITS)	09/02/70-03/10/97	40	7.3	7.067	8.1	6.4	0.242	0.492	6.61	7.	7.675	7.89
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/02/70-03/10/97	40	0.05	0.086	0.398	0.008	0.008	0.09	0.013	0.021	0.1	0.246
00403	PH, LAB, STANDARD UNITS SU	12/18/80-03/10/97	22	7.6	7.645	8.6	6.8	0.141	0.375	7.16	7.475	7.825	8.18
00403	CONVERTED PH, LAB, STANDARD UNITS	12/18/80-03/10/97	22	7.6	7.495	8.6	6.8	0.164	0.405	7.16	7.475	7.825	8.18
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/18/80-03/10/97	22	0.025	0.032	0.158	0.003	0.001	0.033	0.007	0.015	0.034	0.071
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	01/10/89-03/10/97	6	0.01	0.016	0.03	0.005	0.	0.011	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	04/12/78-11/19/92	5	0.02	0.024	0.06	0.005	0.001	0.023	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	04/12/78-03/10/97	7 ##	0.005	0.008	0.02	0.005	0.	0.006	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	03/08/78-03/10/97	26	0.3	0.447	1.5	0.1	0.136	0.369	0.1	0.148	0.725	1.03
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	03/08/78-11/19/92	23 ##	0.05	0.065	0.14	0.	0.001	0.035	0.05	0.05	0.07	0.136
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/11/76-03/10/97	30 ##	0.05	0.069	0.2	0.	0.002	0.042	0.05	0.05	0.083	0.1
00665	PHOSPHORUS, TOTAL (MG/L AS P)	03/08/78-03/10/97	28	0.01	0.013	0.03	0.005	0.	0.007	0.005	0.01	0.02	0.021
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/13/78-03/10/97	26	0.01	0.019	0.2	0.005	0.001	0.038	0.005	0.005	0.02	0.03
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/11/76-03/10/97	10	0.01	0.01	0.02	0.005	0.	0.004	0.005	0.005	0.01	0.019
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/11/76-03/23/83	13	20.	20.	25.	13.	14.833	3.851	13.4	17.5	23.5	25.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/11/76-03/10/97	30	6.	5.9	9.1	2.8	1.77	1.331	3.83	5.275	6.7	7.57
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/11/76-03/10/97	30	1.2	1.127	1.5	0.6	0.039	0.198	0.81	1.	1.3	1.39
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/11/76-03/10/97	30	2.1	2.23	4.4	1.6	0.346	0.588	1.71	1.9	2.325	2.8
00931	SODIUM ADSORPTION RATIO	08/11/76-03/23/83	13	0.2	0.231	0.4	0.2	0.004	0.063	0.2	0.2	0.25	0.36
00932	SODIUM, PERCENT	08/11/76-03/23/83	13	19.	19.923	35.	14.	36.41	6.034	14.	17.	20.5	33.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/11/76-03/10/97	30	0.8	0.753	1.2	0.4	0.024	0.155	0.51	0.7	0.825	0.9
00940	CHLORIDE,TOTAL IN WATER MG/L	08/11/76-03/10/97	30	0.45	0.472	0.9	0.05	0.036	0.189	0.21	0.4	0.6	0.69
00945	SULFATE, TOTAL (MG/L AS SO4)	08/11/76-03/10/97	30	4.	4.183	7.	1.	1.939	1.393	2.55	3.	5.	6.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/11/76-03/10/97	30	0.2	0.157	0.3	0.05	0.004	0.067	0.1	0.1	0.2	0.2
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/11/76-03/10/97	29	4.8	5.641	14.	2.4	7.239	2.691	2.9	4.3	5.85	11.
01005	BARIUM, DISSOLVED (UG/L AS BA)	01/10/89-03/10/97	6	5.	5.167	6.	4.	0.567	0.753	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	01/10/89-03/10/97	6 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	01/10/89-03/10/97	6 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	05/10/78-03/10/97	15 ##	0.5	0.733	2.	0.5	0.21	0.458	0.5	0.5	1.	1.7
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	01/10/89-03/10/97	6 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	01/10/89-03/10/97	6 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	05/10/78-03/10/97	15 ##	3.	3.067	7.	0.	5.317	2.306	0.3	1.	5.	5.8
01046	IRON, DISSOLVED (UG/L AS FE)	08/11/76-03/10/97	30	65.5	75.667	360.	18.	4109.54	64.106	30.2	34.75	100.	119.
01049	LEAD, DISSOLVED (UG/L AS PB)	05/10/78-03/10/97	15 ##	3.	3.3	6.	0.5	3.921	1.98	0.5	1.	5.	5.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

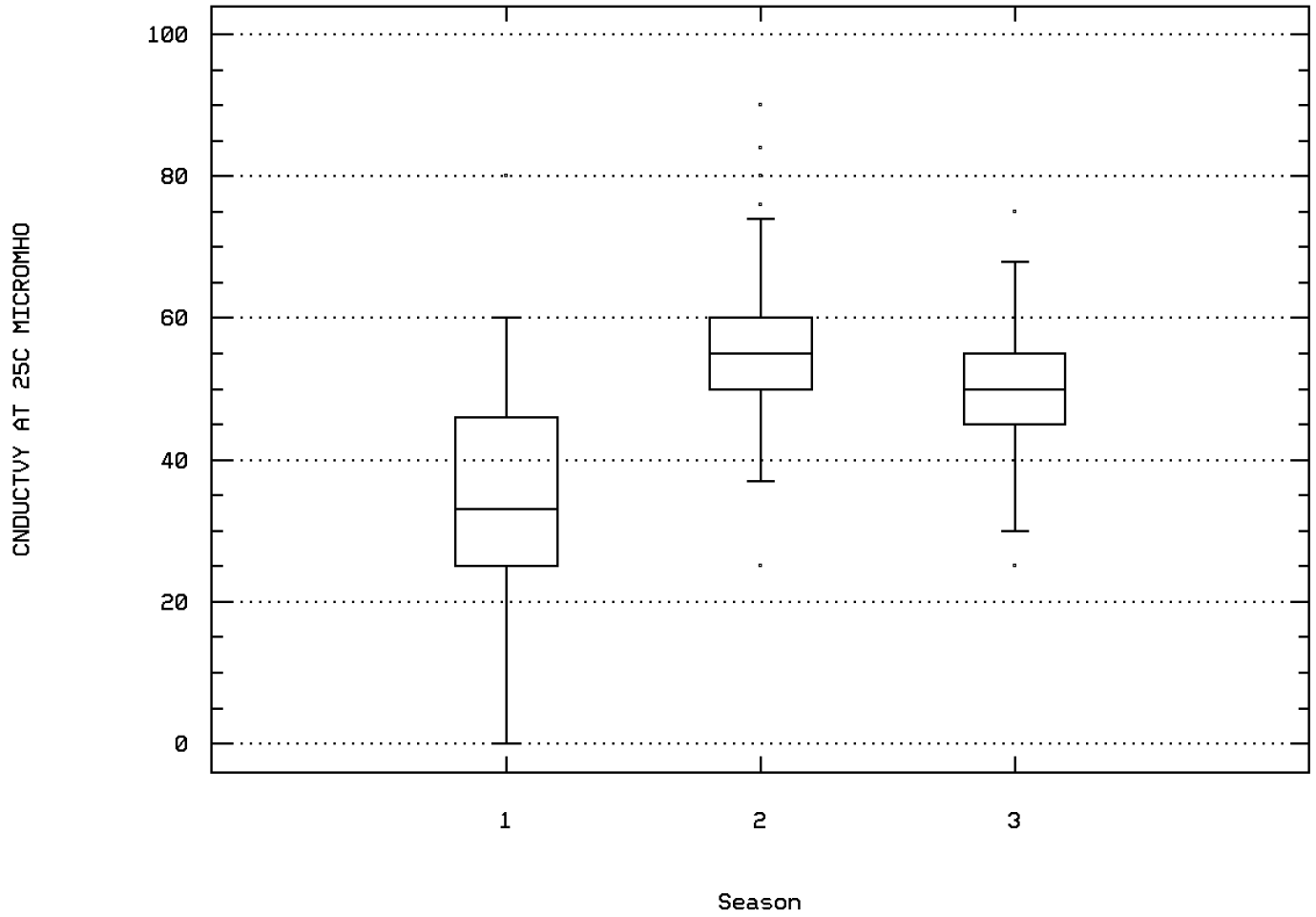
Seasonal Analysis for Season #3: 4/11 to 6/09 - Station ROMO0410

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/11/76-03/10/97	30	3.	4.6	20.	1.	15.679	3.96	1.05	2.	5.	10.
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	01/10/89-03/10/97	6 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	05/10/78-03/10/97	15 ##	1.	2.333	5.	0.	5.167	2.273	0.	0.5	5.	5.
01075	SILVER, DISSOLVED (UG/L AS AG)	01/10/89-03/10/97	6 ##	0.5	0.708	2.	0.25	0.41	0.641	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	01/10/89-03/10/97	6	38.	36.833	43.	29.	34.167	5.845	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	01/10/89-03/10/97	6 ##	3.	3.	3.	3.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	05/10/78-03/10/97	15	6.	6.033	14.	0.	17.338	4.164	0.9	1.5	10.	11.6
01130	LITHIUM, DISSOLVED (UG/L AS LI)	01/10/89-03/10/97	6 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/02/70-09/17/80	19	2.	16.158	220.	0.	2510.557	50.105	0.	0.5	7.	37.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/02/70-09/17/80	19	0.301	0.455	2.342	-0.301	0.455	0.675	0.	-0.301	0.845	1.568
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.85								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/02/70-02/10/77	11	0.5	0.409	1.	0.	0.191	0.437	0.	0.	1.	1.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/02/70-02/10/77	11	-0.301	-0.082	0.	-0.301	0.02	0.141	0.	0.	0.	0.
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			0.828								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/12/78-03/10/97	7	38.	33.571	42.	10.	119.952	10.952	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/11/76-04/16/87	12	30.5	32.25	39.	27.	14.568	3.817	27.3	30.	35.75	38.4
70302	SOLIDS, DISSOLVED-TONS PER DAY	08/11/76-03/23/83	12	36.75	37.228	69.5	0.59	433.269	20.815	0.788	31.875	55.2	66.5
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/11/76-03/23/83	11	0.04	0.045	0.05	0.04	0.	0.005	0.04	0.04	0.05	0.05
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	04/18/79-09/24/85	10	0.045	0.051	0.09	0.03	0.001	0.025	0.03	0.03	0.068	0.09

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: ROMO0410 Parameter Code: 00095

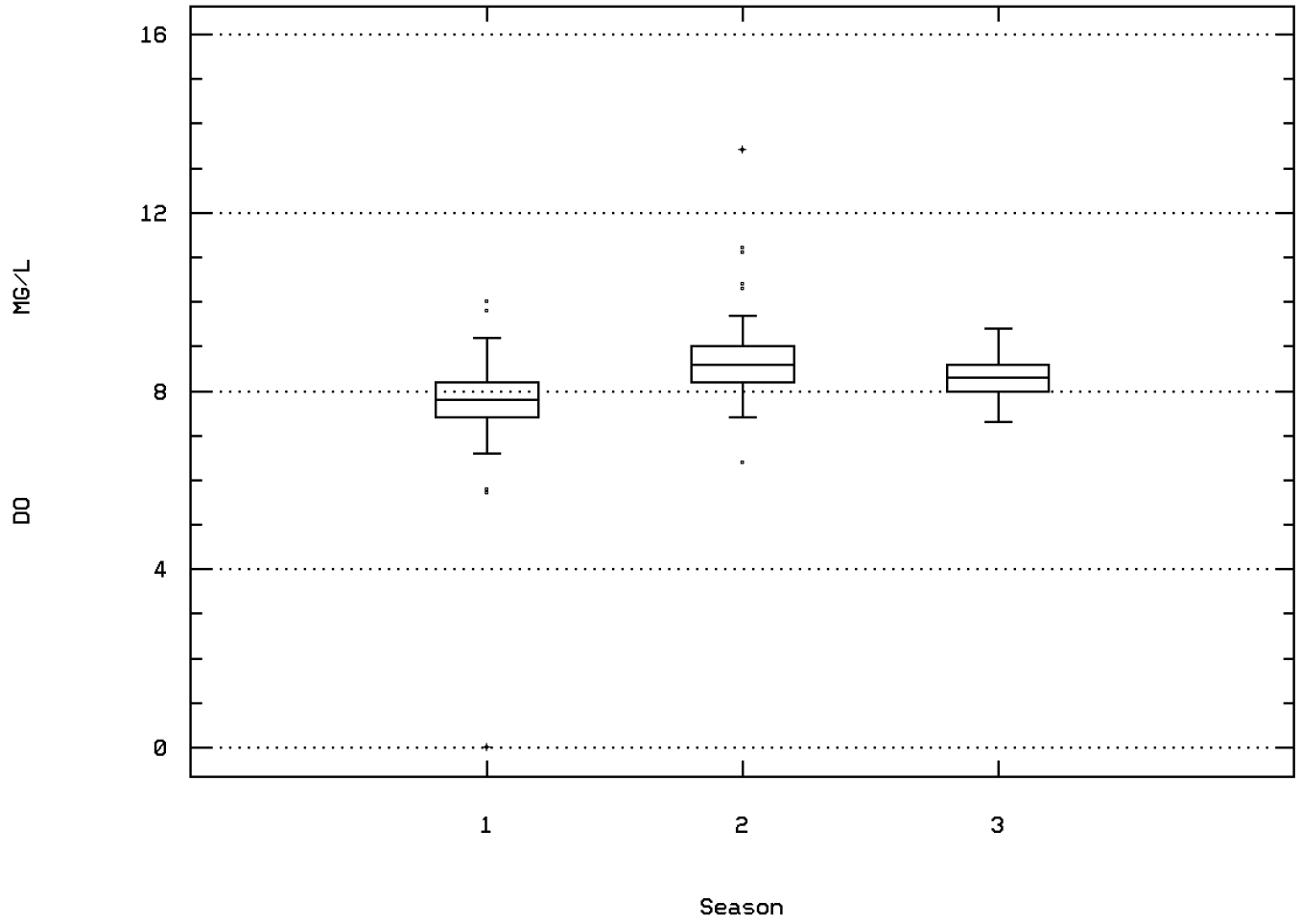
SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)



ALVA B ADAMS TUN AT E PORTAL, NR ESTES

Station: ROMO0410 Parameter Code: 00300

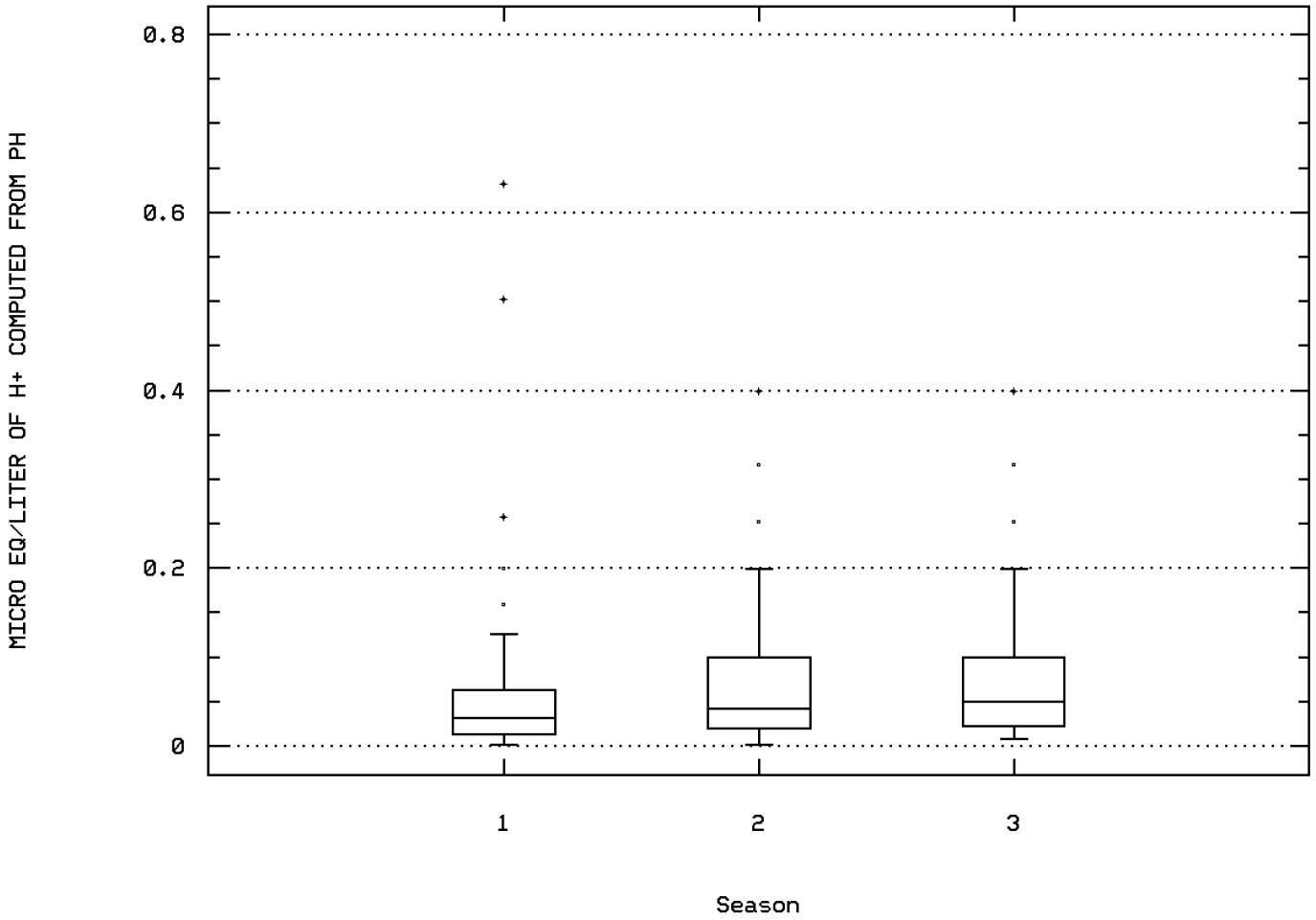
OXYGEN, DISSOLVED



ALVA B ADAMS TUN AT E PORTAL, NR ESTES

Station: ROMO0410 Parameter Code: 00400

MICRO EQ/LITER OF H+ COMPUTED FROM PH



ALVA B ADAMS TUN AT E PORTAL, NR ESTES

Station Inventory for Station: ROMO0411

NPS Station ID: ROMO0411
LAT/LON: 40.328059/-105.682781
Agency: 11NPSWRD
Date Created: 08/21/99
Location: Fern Creek Seep 1 above Odessa Lake
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): ROMO_JS_FCSEEP
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 3086
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the McHenrys Peak CO 7.5' (topographic) series quadrangle in Rocky Mountain National Park. The station is a seep located along the hiking trail between Odessa Lake and Marigold Lake. The data originated from a University of Colorado dissertation entitled "Isotopic and Chemical Flowpath Separation of Streamflow During Snowmelt and Hydrogeological Controls of Surface-Water Chemistry in Six Alpine-Subalpine Basins; Rocky Mountain National Park; Colorado" 1996 by Julie K. Sueker. Sueker also contributed other data that weren't included in her dissertation. For more information about the data; contact Julie K. Sueker; Exponent Environmental Group; 4940 Pearl East Circle Ste. 300; Boulder CO 80301 (Tel. 970-444-7270). For information on the park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 97 -586-1206). Data were uploaded to STORET by Margaret Matter; NPS-WRD; 1201 Oak Ridge Dr. Ste. 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0411

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/17/95-08/17/95	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/17/95-08/17/95	1	6.3	6.3	6.3	6.3	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/17/95-08/17/95	1	6.3	6.3	6.3	6.3	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/17/95-08/17/95	1	0.501	0.501	0.501	0.501	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	08/17/95-08/17/95	1	56.9	56.9	56.9	56.9	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/17/95-08/17/95	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/17/95-08/17/95	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/17/95-08/17/95	1	4.6	4.6	4.6	4.6	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/17/95-08/17/95	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	08/17/95-08/17/95	1	0.009	0.009	0.009	0.009	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/17/95-08/17/95	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0411

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0412

NPS Station ID: ROMO0412 LAT/LON: 40.328309/-105.866392 Agency: 11NPSWRD Date Created: 06/18/99
Location: 106070/C04501 FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): ROMO_NURE_212 /1074154 /1118632
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 14010001 Depth of Water: 0 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: UPPER COLORADO RIVER ECO Region:
RF1 Index: 14010001 RF1 Mile Point: 0.000 Distance from RF1: 12.40 On/Off RF1:
RF3 Index: 10190007002218.40 RF3 Mile Point: 18.39 Distance from RF3: 0.57 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE GRAND LAKE CO 7.5' SERIES (TOPOGRAPHIC) QUAD. THE SITE IS AT A STREAM WITHIN ROCKY MOUNTAIN NATIONAL PARK (ROMO). EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN ONE WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE U.S. GEOLOGICAL SURVEY "NATIONAL GEOCHEMICAL DATA BASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND KIM BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. "UNIQID" ENTRIES WERE USED TO CREATE THE SECONDARY STATION NAMES. "LASLID" ENTRIES WERE USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LABORATORY. FOR MORE INFORMATION ABOUT THE PARK CONTACT NATURAL RESOURCES AT ROMO; ESTES PARK; CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AT NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS; CO 80525 (TEL. 970-225-3556).

Parameter Inventory for Station: ROMO0412

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/23/76-09/23/76	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/23/76-09/23/76	1	35.	35.	35.	35.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/23/76-09/23/76	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/23/76-09/23/76	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/23/76-09/23/76	1	0.398	0.398	0.398	0.398	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/23/76-09/23/76	1	0.31	0.31	0.31	0.31	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0412

				Total	Exceed	Prop.	----------6/10-10/31----------			----------11/01-4/10----------			----------4/11-6/09----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0413

NPS Station ID: ROMO0413
LAT/LON: 40.328615/-105.685254
Agency: 11NPSWRD
Date Created: 08/21/99
Location: Fern Creek Odessa Lake South Inlet
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_JS_SIODES
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 3060
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the McHenrys Peak CO 7.5' (topographic) series quadrangle in Rocky Mountain National Park. The station is located on Fern Creek at the south Inlet to Odessa Lake below Grace Falls. The data originated from a University of Colorado dissertation entitled "Isotopic and Chemical Flowpath Separation of Streamflow During Snowmelt and Hydrogeological Controls of Surface-Water Chemistry in Six Alpine-Subalpine Basins; Rocky Mountain National Park; Colorado" 1996 by Julie K. Sueker. Sueker also contributed other data that weren't included in her dissertation. For more information about the data; contact Julie K. Sueker; Exponent Environmental Group; 4940 Pearl East Circle Ste. 300; Boulder CO 80301 (Tel. 970-444-7270). For information on the park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 97 -586-1206). Data were uploaded to STORET by Margaret Matter; NPS-WRD; 1201 Oak Ridge Dr. Ste. 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0413

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/17/95-08/17/95	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/17/95-08/17/95	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/17/95-08/17/95	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/17/95-08/17/95	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	08/17/95-08/17/95	1	33.4	33.4	33.4	33.4	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/17/95-08/17/95	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/17/95-08/17/95	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/17/95-08/17/95	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/17/95-08/17/95	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	08/17/95-08/17/95	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/17/95-08/17/95	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0413

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0414

NPS Station ID: ROMO0414
LAT/LON: 40.330366/-105.684781
Agency: 11NPSWRD
Date Created: 06/12/99
Location: LAKE ODESSA (NORTH END)
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): ROMO_JR_CAP24
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MCHENRYS PEAK CO 7.5' SERIES (TOPO.) QUADRANGLE. THE SITE IS LOCATED AT ODESSA LAKE AT THE NORTH END AND IS LOCATED WITHIN ROCKY MOUNTAIN NATIONAL PARK. THE DATA ARE FROM ANNUAL CAPSHELL SNAIL MONITORING PROGRAM REPORTS BY JOHN RIEBESELL OF THE DEPARTMENT OF NATURAL RESOURCES AT THE UNIVERSITY OF MICHIGAN IN DEARBORN MI. TTHE REPORTS SUMMARIZED POPULATION DATA AND WATER QUALITY CHARACTERISTICS OF THE HABITAT OF CAPSHELL SNAILS; A CANDIDATE FOR LISTING UNDER THE FEDERAL ENDANGERED SPECIES ACT. FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0414

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/25/97-07/25/97	1	8.	8.	8.	8.	0.	0.	**	**	**	**
70975	TEMPERATURE, WATER,DAILY MINIMUM DEG C	07/23/96-07/23/96	1	8.8	8.8	8.8	8.8	0.	0.	**	**	**	**
70976	TEMPERATURE, WATER,DAILY MAXIMUM DEG C	07/23/96-07/23/96	1	10.6	10.6	10.6	10.6	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: ROMO0415

NPS Station ID: ROMO0415
LAT/LON: 40.331142/-105.685116
Agency: 11NPSWRD
Date Created: 08/21/99
Location: Fern Creek Odessa Lake West Inlet
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_JS_WIODES
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 3060
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the McHenrys Peak CO 7.5' (topographic) series quadrangle in Rocky Mountain National Park. The station is located in a stream that forms the west inlet of Odessa Lake and drains Tourmaline gorge. The data originated from a University of Colorado dissertation entitled "Isotopic and Chemical Flowpath Separation of Streamflow During Snowmelt and Hydrogeological Controls of Surface-Water Chemistry in Six Alpine-Subalpine Basins; Rocky Mountain National Park; Colorado" 1996 by Julie K. Sueker. Sueker also contributed other data that weren't included in her dissertation. For more information about the data; contact Julie K. Sueker; Exponent Environmental Group; 4940 Pearl East Circle Ste. 300; Boulder CO 80301 (Tel. 970-444-7270). For information on the park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 97 -586-1206). Data were uploaded to STORET by Margaret Matter; NPS-WRD; 1201 Oak Ridge Dr. Ste. 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0415

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/17/95-08/17/95	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/17/95-08/17/95	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/17/95-08/17/95	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/17/95-08/17/95	1	0.158	0.158	0.158	0.158	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	08/17/95-08/17/95	1	36.6	36.6	36.6	36.6	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/17/95-08/17/95	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/17/95-08/17/95	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/17/95-08/17/95	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/17/95-08/17/95	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	08/17/95-08/17/95	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/17/95-08/17/95	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0415

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0416

NPS Station ID: ROMO0416
LAT/LON: 40.331587/-105.683727
Agency: 11NPSWRD
Date Created: 08/21/99
Location: Fern Creek Odessa Lake Outlet
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_JS_ODESO
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 3054
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the McHenrys Peak CO 7.5' (topographic) series quadrangle in Rocky Mountain National Park. The station is located in Fern Creek as it leaves Odessa Lake between the hiking trails. The data originated from a University of Colorado dissertation entitled "Isotopic and Chemical Flowpath Separation of Streamflow During Snowmelt and Hydrogeological Controls of Surface-Water Chemistry in Six Alpine-Subalpine Basins; Rocky Mountain National Park; Colorado" 1996 by Julie K. Sueker. Sueker also contributed other data that weren't included in her dissertation. For more information about the data; contact Julie K. Sueker; Exponent Environmental Group; 4940 Pearl East Circle Ste. 300; Boulder CO 80301 (Tel. 970-444-7270). For information on the park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 97 -586-1206). Data were uploaded to STORET by Margaret Matter; NPS-WRD; 1201 Oak Ridge Dr. Ste. 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0416

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/06/94-08/17/95	3	8.	8.	8.	8.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/06/94-08/17/95	3	6.6	6.667	6.8	6.6	0.013	0.115	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/06/94-08/17/95	3	6.6	6.657	6.8	6.6	0.013	0.116	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/06/94-08/17/95	3	0.251	0.22	0.251	0.158	0.003	0.054	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/06/94-08/17/95	3	37.1	29.4	45.	6.1	422.77	20.561	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/06/94-08/17/95	3	0.06	0.07	0.1	0.05	0.001	0.026	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/06/94-08/17/95	3	0.9	0.833	0.9	0.7	0.013	0.115	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/06/94-08/17/95	3	1.7	1.633	1.8	1.4	0.043	0.208	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/17/95-08/17/95	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
46552	CALCIUM,FIELD ACIDIFIED W/HNO3 LAB FILTER(MG/L)	07/06/94-08/17/94	2	0.825	0.825	0.85	0.8	0.001	0.035	**	**	**	**
46554	MAGNESIUM,FIELD ACIDIFIED-HNO3-LAB FILT(MG/L-MG)	07/06/94-08/17/94	2	0.12	0.12	0.12	0.12	0.	0.	**	**	**	**
46555	POTASSIUM,FIELD ACIDIFIED-HNO3-LAB FILT.(MG/L-K))	07/06/94-08/17/94	2	0.1	0.1	0.11	0.09	0.	0.014	**	**	**	**
46556	SODIUM, FIELD ACIDIFIED W/HNO3, LAB FILTERED MG/L	07/06/94-08/17/94	2	0.305	0.305	0.31	0.3	0.	0.007	**	**	**	**
50790	OXYGEN-18, (DELTA UNITS - PARTS PER THOUSAND)	07/06/94-08/17/94	2	-17.92	-17.92	-17.41	-18.43	0.52	0.721	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	08/17/95-08/17/95	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/06/94-08/17/95	3	0.6	0.633	0.8	0.5	0.023	0.153	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0416

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	3	0	0.00	3	0	0.00									
		Other-Lo Lim.	6.5	3	0	0.00	3	0	0.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	3	3	1.00	3	3	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	3	0	0.00	3	0	0.00									
		Drinking Water	250.	3	0	0.00	3	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	3	0	0.00	3	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	3	0	0.00	3	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0417

NPS Station ID: ROMO0417 | LAT/LON: 40.332198/-105.497198 | Agency: 11NPSWRD | Date Created: 06/18/99
Location: 105727/C04223 | FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): ROMO_NURE_013 /1073937 /1118415
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 10190006 | Depth of Water: 0 | Aquifer:
Major Basin: MISSOURI RIVER | Elevation: 0 | Water Body Id:
Minor Basin: SOUTH PLATTE RIVER | ECO Region:
RF1 Index: 10190006 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE "PANORAMA PEAK COLORADO" 7.5 MINUTE SERIES QUADRANGLE. THE SITE IS AT A STREAM OUTSIDE OF ROCKY MOUNTAIN NATIONAL PARK. EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO ONE WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATA BASE: "NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SOIL; STREAM SEDIMENT; SURFACE WATER; AND GROUND WATER DATA. "UNIQID" FIELD ENTRIES WERE USED TO CREATE THE SECONDARY STATION NAMES. THE "LASLID" FIELD ENTRIES (LAB SAMPLE NUMBERS) WERE USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LAB. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND KELLI O'CONNOR; NATIONAL PARK SERVICE WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0417

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/21/76-09/21/76	1	9.4	9.4	9.4	9.4	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/21/76-09/21/76	1	80.	80.	80.	80.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/21/76-09/21/76	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/21/76-09/21/76	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/21/76-09/21/76	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/21/76-09/21/76	1	1.11	1.11	1.11	1.11	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0417

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0418

NPS Station ID: ROMO0418 LAT/LON: 40.334088/-105.840365 Agency: 11NPSWRD Date Created: 06/12/99
Location: CHICKAREE LAKE AT THE SOUTHEAST CORNER FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): ROMO_JR_CAP42
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 14010001 Depth of Water: 0 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: UPPER COLORADO RIVER ECO Region:
RF1 Index: 14010001 RF1 Mile Point: 0.000 Distance from RF1: 12.40 On/Off RF1:
RF3 Index: 10190007002218.40 RF3 Mile Point: 18.39 Distance from RF3: 0.57 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE GRAND LAKE CO 7.5' SERIES (TOPO.) QUADRANGLE. THE SITE IS LOCATED AT CHICKAREE LAKE AT THE SOUTHWEST CORNER OF THE LAKE AND IS WITHIN ROCKY MOUNTAIN NATIONAL PARK. THE DATA ARE FROM ANNUAL CAPSHELL SNAIL MONITORING PROGRAM REPORTS BY JOHN RIEBESELL OF THE DEPARTMENT OF NATURAL RESOURCES AT THE UNIVERSITY MICHIGAN IN DEARBORN MI. TTHE REPORTS SUMMARIZED POPULATION DATA AND WATER QUALITY CHARACTERISTICS OF THE HABITAT OF CAPSHELL SNAILS; A CANDIDATE FOR LISTING UNDER THE FEDERAL ENDANGERED SPECIES ACT. FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0418

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094 SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/18/97-07/18/97	1	48.	48.	48.	48.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: ROMO0419

NPS Station ID: ROMO0419
LAT/LON: 40.334726/-105.676116
Agency: 11NPSWRD
Date Created: 08/21/99
Location: Fern Creek Spring 2 above Fern Lake
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): ROMO_JS_FLSPG2
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 2938
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the McHenrys Peak CO 7.5' (topographic) series quadrangle in Rocky Mountain National Park. The station is a spring located along the hiking trail as it slabs south of Fern Lake. The data originated from a University of Colorado dissertation entitled "Isotopic and Chemical Flowpath Separation of Streamflow During Snowmelt and Hydrogeological Controls of Surface-Water Chemistry in Six Alpine-Subalpine Basins; Rocky Mountain National Park; Colorado" 1996 by Julie K. Sueker. Sueker also contributed other data that weren't included in her dissertation. For more information about the data; contact Julie K. Sueker; Exponent Environmental Group; 4940 Pearl East Circle Ste. 300; Boulder CO 80301 (Tel. 970-444-7270). For information on the park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 97 -586-1206). Data were uploaded to STORET by Margaret Matter; NPS-WRD; 1201 Oak Ridge Dr. Ste. 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0419

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/06/94-08/17/95	2	21.5	21.5	22.	21.	0.5	0.707	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/06/94-08/17/95	2	7.25	7.25	7.4	7.1	0.045	0.212	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/06/94-08/17/95	2	7.225	7.225	7.4	7.1	0.046	0.215	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/06/94-08/17/95	2	0.06	0.06	0.079	0.04	0.001	0.028	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/06/94-08/17/95	2	132.	132.	151.1	112.9	729.62	27.011	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/06/94-08/17/95	2	0.15	0.15	0.2	0.1	0.005	0.071	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/06/94-08/17/95	2	2.3	2.3	2.5	2.1	0.08	0.283	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/06/94-08/17/95	2	8.25	8.25	8.6	7.9	0.245	0.495	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/17/95-08/17/95	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
46552	CALCIUM,FIELD ACIDIFIED W/HNO3 LAB FILTER(MG/L)	07/06/94-07/06/94	1	1.98	1.98	1.98	1.98	0.	0.	**	**	**	**
46554	MAGNESIUM,FIELD ACIDIFIED-HNO3-LAB FILT(MG/L-MG)	07/06/94-07/06/94	1	0.51	0.51	0.51	0.51	0.	0.	**	**	**	**
46555	POTASSIUM,FIELD ACIDIFIED-HNO3-LAB FILT.(MG/L-K))	07/06/94-07/06/94	1	0.31	0.31	0.31	0.31	0.	0.	**	**	**	**
46556	SODIUM, FIELD ACIDIFIED W/HNO3, LAB FILTERED MG/L	07/06/94-07/06/94	1	1.23	1.23	1.23	1.23	0.	0.	**	**	**	**
50790	OXYGEN-18, (DELTA UNITS - PARTS PER THOUSAND)	07/06/94-07/06/94	1	-17.71	-17.71	-17.71	-17.71	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	08/17/95-08/17/95	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/06/94-08/17/95	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0419

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	0	0.00	2	0	0.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	2	2	1.00	2	2	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	2	0	0.00	2	0	0.00									
		Drinking Water	250.	2	0	0.00	2	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	2	0	0.00	2	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	2	0	0.00	2	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0420

NPS Station ID: ROMO0420
LAT/LON: 40.335004/-105.678615
Agency: 11NPSWRD
Date Created: 08/21/99
Location: Fern Creek Spring 3 above Fern Lake
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): ROMO_JS_FLSPG3
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 2969
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the McHenrys Peak CO 7.5' (topographic) series quadrangle in Rocky Mountain National Park. The station is a spring located along the hiking trail as it slabs south of Fern Lake. The data originated from a University of Colorado dissertation entitled "Isotopic and Chemical Flowpath Separation of Streamflow During Snowmelt and Hydrogeological Controls of Surface-Water Chemistry in Six Alpine-Subalpine Basins; Rocky Mountain National Park; Colorado" 1996 by Julie K. Sueker. Sueker also contributed other data that weren't included in her dissertation. For more information about the data; contact Julie K. Sueker; Exponent Environmental Group; 4940 Pearl East Circle Ste. 300; Boulder CO 80301 (Tel. 970-444-7270). For information on the park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 97 -586-1206). Data were uploaded to STORET by Margaret Matter; NPS-WRD; 1201 Oak Ridge Dr. Ste. 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0420

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/06/94-08/17/95	2	18.	18.	19.	17.	2.	1.414	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/06/94-08/17/95	2	7.1	7.1	7.2	7.	0.02	0.141	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/06/94-08/17/95	2	7.089	7.089	7.2	7.	0.02	0.142	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/06/94-08/17/95	2	0.082	0.082	0.1	0.063	0.001	0.026	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/06/94-08/17/95	2	102.75	102.75	109.	96.5	78.125	8.839	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/06/94-08/17/95	2	0.095	0.095	0.1	0.09	0.	0.007	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/06/94-08/17/95	2	2.1	2.1	2.5	1.7	0.32	0.566	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/06/94-08/17/95	2	4.3	4.3	4.4	4.2	0.02	0.141	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/17/95-08/17/95	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
46552	CALCIUM,FIELD ACIDIFIED W/HNO3 LAB FILTER(MG/L)	07/06/94-07/06/94	1	1.76	1.76	1.76	1.76	0.	0.	**	**	**	**
46554	MAGNESIUM,FIELD ACIDIFIED-HNO3-LAB FILT(MG/L-MG)	07/06/94-07/06/94	1	0.43	0.43	0.43	0.43	0.	0.	**	**	**	**
46555	POTASSIUM,FIELD ACIDIFIED-HNO3-LAB FILT.(MG/L-K))	07/06/94-07/06/94	1	0.18	0.18	0.18	0.18	0.	0.	**	**	**	**
46556	SODIUM, FIELD ACIDIFIED W/HNO3, LAB FILTERED MG/L	07/06/94-07/06/94	1	0.79	0.79	0.79	0.79	0.	0.	**	**	**	**
50790	OXYGEN-18, (DELTA UNITS - PARTS PER THOUSAND)	07/06/94-07/06/94	1	-17.29	-17.29	-17.29	-17.29	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	08/17/95-08/17/95	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/06/94-08/17/95	2	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0420

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	0	0.00	2	0	0.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	2	2	1.00	2	2	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	2	0	0.00	2	0	0.00									
		Drinking Water	250.	2	0	0.00	2	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	2	0	0.00	2	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	2	0	0.00	2	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0421

NPS Station ID: ROMO0421 | LAT/LON: 40.335615/-105.563116 | Agency: 11NPSWRD | Date Created: 06/18/99
Location: 105790/C04270 | FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): ROMO_NURE_004 /1073977 /1118455
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 10190006 | Depth of Water: 0 | Aquifer:
Major Basin: MISSOURI RIVER | Elevation: 0 | Water Body Id:
Minor Basin: SOUTH PLATTE RIVER | ECO Region:
RF1 Index: 10190006 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE "LONGS PEAK COLORADO" 7.5 MINUTE SERIES QUADRANGLE. THE SITE IS AT A STREAM OUTSIDE OF ROCKY MOUNTAIN NATIONAL PARK. EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO ONE WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATA BASE: "NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SOIL; STREAM SEDIMENT; SURFACE WATER; AND GROUND WATER DATA. "UNIQID" FIELD ENTRIES WERE USED TO CREATE THE SECONDARY STATION NAMES. THE "LASLID" FIELD ENTRIES (LAB SAMPLE NUMBERS) WERE USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LAB. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND KELLI O'CONNOR; NATIONAL PARK SERVICE WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0421

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/21/76-09/21/76	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/21/76-09/21/76	1	55.	55.	55.	55.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/21/76-09/21/76	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/21/76-09/21/76	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/21/76-09/21/76	1	0.398	0.398	0.398	0.398	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/21/76-09/21/76	1	0.24	0.24	0.24	0.24	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0421

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0422

NPS Station ID: ROMO0422 LAT/LON: 40.336003/-105.595921 Agency: 11NPSWRD Date Created: 06/12/99
Location: GLACIER CREEK DOWNSTREAM OF BOULDER BROOK FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): ROMO_NPS_GCL4
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI RIVER Elevation: 0 Water Body Id:
Minor Basin: SOUTH PLATTE RIVER ECO Region:
RF1 Index: 10190006 RF1 Mile Point: 0.000 Distance from RF1: 12.40 On/Off RF1:
RF3 Index: 10190007002218.40 RF3 Mile Point: 18.39 Distance from RF3: 0.57 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE LONGS PEAK CO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT GLACIER CREEK DOWNSTREAM OF THE CONFLUENCE WITH BOULDER BROOK AND IS LOCATED WITHIN ROCKY MOUNTAIN NATIONAL PARK. THE DATA ARE FROM A 1972 REPORT BY BRYAN CASHION OF THE NATIONAL PARK SERVICE. THE REPORT SUMMARIZED THE RESULTS OF A STUDY CONDUCTED IN 197 TO QUANTIFY THE MOUNT OF POLLUTION TO GLACIER CREEK THAT WAS CONTRIBUTED BY GLACIER CREEK LIVERY. FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0422

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31506	COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	06/29/71-08/23/71	8	125.	127.625	240.	5.	13282.268	115.249	**	**	**	**
31506	LOG COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	06/29/71-08/23/71	8	1.91	1.793	2.38	0.699	0.44	0.663	**	**	**	**
31506	GM COLIFORM,TOT,MPN, CONFIRMED TEST, TUBE CONFIG.	GEOMETRIC MEAN =			62.022								
61731	E.COLI,MULTI-TUBE,MPN,MUG COLINIES/100ML	06/29/71-08/23/71	9	2.	6.222	30.	2.	85.194	9.23	2.	2.	7.	30.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0422

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	8	0	0.00	8	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0423

NPS Station ID: ROMO0423
LAT/LON: 40.336615/-105.675920
Agency: 11NPSWRD
Date Created: 06/12/99
Location: FERN LAKE BELOW THE CABIN
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): ROMO_JR_CAP09
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MCHENRYS PEAK CO 7.5' SERIES (TOPO.) QUADRANGLE. THE SITE IS LOCATED AT FERN LAKE BELOW THE CABIN AND IS WITHIN ROCKY MOUNTAIN NATIONAL PARK. THE DATA ARE FROM ANNUAL CAPSHELL SNAIL MONITORING PROGRAM REPORTS BY JOHN RIEBESELL OF THE DEPARTMENT OF NATURAL RESOURCES AT THE UNIVERSITY OF MICHIGAN IN DEARBORN MI. THE REPORTS SUMMARIZED POPULATION DATA AND WATER QUALITY CHARACTERISTICS OF THE HABITAT OF CAPSHELL SNAILS; A CANDIDATE FOR LISTING UNDER THE FEDERAL ENDANGERED SPECIES ACT. FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0423

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/25/97-07/25/97	1	9.	9.	9.	9.	0.	0.	**	**	**	**
70975	TEMPERATURE, WATER,DAILY MINIMUM DEG C	07/23/96-07/23/96	1	11.5	11.5	11.5	11.5	0.	0.	**	**	**	**
70976	TEMPERATURE, WATER,DAILY MAXIMUM DEG C	07/23/96-07/23/96	1	12.8	12.8	12.8	12.8	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: ROMO0424

NPS Station ID: ROMO0424
LAT/LON: 40.336670/-105.674448
Agency: 11NPSWRD
Date Created: 08/21/99
Location: Fern Creek Spring 1 above Fern Lake
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/SPRING
STORET Station ID(s): ROMO_JS_FLSPG1
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 2926
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the McHenrys Peak CO 7.5' (topographic) series quadrangle in Rocky Mountain National Park. The station is a spring located east of Fern Lake in an open area along the hiking trail. The data originated from a University of Colorado dissertation entitled "Isotopic and Chemical Flowpath Separation of Streamflow During Snowmelt and Hydrogeological Controls of Surface-Water Chemistry in Six Alpine-Subalpine Basins; Rocky Mountain National Park; Colorado" 1996 by Julie K. Sueker. Sueker also contributed other data that weren't included in her dissertation. For more information about the data; contact Julie K. Sueker; Exponent Environmental Group; 4940 Pearl East Circle Ste. 300; Boulder CO 80301 (Tel. 970-444-7270). For information on the park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 97 -586-1206). Data were uploaded to STORET by Margaret Matter; NPS-WRD; 1201 Oak Ridge Dr. Ste. 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0424

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/11/93-08/17/95	6	22.	20.667	26.	10.	31.467	5.61	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	09/11/93-08/17/95	6	7.2	7.117	7.4	6.7	0.07	0.264	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/11/93-08/17/95	6	7.2	7.045	7.4	6.7	0.076	0.276	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/11/93-08/17/95	6	0.063	0.09	0.2	0.04	0.004	0.061	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	09/11/93-08/17/95	6	81.	98.567	207.9	9.	6199.067	78.734	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/11/93-08/17/95	6	0.1	0.103	0.2	0.05	0.003	0.052	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	09/11/93-08/17/95	6	1.55	1.817	2.7	1.	0.462	0.679	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/11/93-08/17/95	6	8.25	6.95	9.9	1.9	10.367	3.22	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/17/95-08/17/95	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
46552	CALCIUM,FIELD ACIDIFIED W/HNO3 LAB FILTER(MG/L)	09/11/93-08/17/94	5	1.77	1.844	2.62	1.02	0.343	0.585	**	**	**	**
46554	MAGNESIUM,FIELD ACIDIFIED-HNO3-LAB FILT(MG/L-MG)	09/11/93-08/17/94	5	0.68	0.548	0.69	0.17	0.05	0.223	**	**	**	**
46555	POTASSIUM,FIELD ACIDIFIED-HNO3-LAB FILT.(MG/L-K))	09/11/93-08/17/94	5	0.33	0.29	0.41	0.17	0.012	0.109	**	**	**	**
46556	SODIUM, FIELD ACIDIFIED W/HNO3, LAB FILTERED MG/L	09/11/93-08/17/94	5	1.21	1.072	1.46	0.47	0.158	0.397	**	**	**	**
50790	OXYGEN-18, (DELTA UNITS - PARTS PER THOUSAND)	07/06/94-08/17/94	4	-17.775	-17.51	-15.99	-18.5	1.248	1.117	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	08/17/95-08/17/95	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/11/93-08/17/95	6	0.02	0.072	0.3	0.	0.014	0.117	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0424

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	6	0	0.00	6	0	0.00									
		Other-Lo Lim.	6.5	6	0	0.00	6	0	0.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	6	5	0.83	6	5	0.83									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	6	0	0.00	6	0	0.00									
		Drinking Water	250.	6	0	0.00	6	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	6	0	0.00	6	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	6	0	0.00	6	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0425

NPS Station ID: ROMO0425 LAT/LON: 40.337198/-105.906393 Agency: 11NPSWRD Date Created: 06/18/99
Location: 105301/C04032 FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): ROMO_NURE_155 /1073780 /1118258
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 14010001 Depth of Water: 0 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: UPPER COLORADO RIVER ECO Region:
RF1 Index: 14010001 RF1 Mile Point: 0.000 Distance from RF1: 12.40 On/Off RF1:
RF3 Index: 10190007002218.40 RF3 Mile Point: 18.39 Distance from RF3: 0.57 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE "BOWEN MOUNTAIN COLORADO" 7.5 MINUTE SERIES QUADRANGLE. THE SITE IS AT A STREAM OUTSIDE OF ROCKY MOUNTAIN NATIONAL PARK. EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO ONE WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATA BASE: "NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SOIL; STREAM SEDIMENT; SURFACE WATER; AND GROUND WATER DATA. "UNIQID" FIELD ENTRIES WERE USED TO CREATE THE SECONDARY STATION NAMES. THE "LASLID" FIELD ENTRIES (LAB SAMPLE NUMBERS) WERE USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LAB. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND KELLI O'CONNOR; NATIONAL PARK SERVICE WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0425

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/24/76-09/24/76	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/76-09/24/76	1	73.	73.	73.	73.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/24/76-09/24/76	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/24/76-09/24/76	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/24/76-09/24/76	1	0.158	0.158	0.158	0.158	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/24/76-09/24/76	1	1.64	1.64	1.64	1.64	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0425

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0426

NPS Station ID: ROMO0426
LAT/LON: 40.337948/-105.675115
Agency: 11NPSWRD
Date Created: 08/21/99
Location: Fern Creek Fern Lake Outlet
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_JS_FERNO
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 2902
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the McHenrys Peak CO 7.5' (topographic) series quadrangle in Rocky Mountain National Park. The station is located in Fern Creek as it exits Fern Lake near where the hiking trail crosses. The data originated from a University of Colorado dissertation entitled "Isotopic and Chemical Flowpath Separation of Streamflow During Snowmelt and Hydrogeological Controls of Surface-Water Chemistry in Six Alpine-Subalpine Basins; Rocky Mountain National Park; Colorado" 1996 by Julie K. Sueker. Sueker also contributed other data that weren't included in her dissertation. For more information about the data; contact Julie K. Sueker; Exponent Environmental Group; 4940 Pearl East Circle Ste. 300; Boulder CO 80301 (Tel. 970-444-7270). For information on the park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 97 -586-1206). Data were uploaded to STORET by Margaret Matter; NPS-WRD; 1201 Oak Ridge Dr. Ste. 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0426

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/11/93-08/17/95	4	9.	9.25	10.	9.	0.25	0.5	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	09/11/93-08/17/95	4	6.7	6.7	6.8	6.6	0.007	0.082	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/11/93-08/17/95	4	6.7	6.694	6.8	6.6	0.007	0.082	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/11/93-08/17/95	4	0.2	0.202	0.251	0.158	0.001	0.038	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	09/11/93-08/17/95	4	94.6	102.6	176.3	44.9	3905.5	62.494	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/11/93-08/17/95	4	0.06	0.05	0.08	0.	0.001	0.036	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	09/11/93-08/17/95	4	0.85	0.675	1.	0.	0.209	0.457	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/11/93-08/17/95	4	1.9	1.875	2.2	1.5	0.083	0.287	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	08/17/95-08/17/95	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
46552	CALCIUM,FIELD ACIDIFIED W/HNO3 LAB FILTER(MG/L)	09/11/93-08/17/94	3	0.97	0.96	1.	0.91	0.002	0.046	**	**	**	**
46554	MAGNESIUM,FIELD ACIDIFIED-HNO3-LAB FILT(MG/L-MG)	09/11/93-08/17/94	3	0.16	0.157	0.17	0.14	0.	0.015	**	**	**	**
46555	POTASSIUM,FIELD ACIDIFIED-HNO3-LAB FILT.(MG/L-K))	09/11/93-08/17/94	3	0.1	0.117	0.16	0.09	0.001	0.038	**	**	**	**
46556	SODIUM, FIELD ACIDIFIED W/HNO3, LAB FILTERED MG/L	09/11/93-08/17/94	3	0.37	0.387	0.45	0.34	0.003	0.057	**	**	**	**
50790	OXYGEN-18, (DELTA UNITS - PARTS PER THOUSAND)	07/06/94-08/17/94	2	-17.88	-17.88	-17.5	-18.26	0.289	0.537	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	08/17/95-08/17/95	1	0.007	0.007	0.007	0.007	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/11/93-08/17/95	4	0.45	0.375	0.6	0.	0.069	0.263	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0426

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	4	0	0.00	4	0	0.00									
		Other-Lo Lim.	6.5	4	0	0.00	4	0	0.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	4	4	1.00	4	4	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	4	0	0.00	4	0	0.00									
		Drinking Water	250.	4	0	0.00	4	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	4	0	0.00	4	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	4	0	0.00	4	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0427

NPS Station ID: ROMO0427 | LAT/LON: 40.340337/-105.603920 | Agency: 11NPSWRD | Date Created: 07/03/99
Location: MILL CREEK IN HALLOWELL PARK | FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): ROMO_WRD_MILL
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006 | Depth of Water: 0 | Aquifer:
Major Basin: MISSOURI RIVER | Elevation: 0 | Water Body Id:
Minor Basin: SOUTH PLATTE RIVER | ECO Region:
RF1 Index: 10190006 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE LONGS PEAK LARIMER CO. 7.5' (TOPO.) SERIES QUAD. THE SITE IS LOCATED AT MILL CREEK IN HALLOWELL PARK AND IS INSIDE OF ROCKY MOUNTAIN NATIONAL PARK. THE DATA WERE COLLECTED BY ELEMENTARY SCHOOL STUDENTS AS AN ECODAYS PROJECT TO LEARN ABOUT WATER QUALITY AND SAMPLING. GARY ROSENLIEB OF THE NATIONAL PARK SERVICE WATER RESOURCES DIVISION IN FORT COLLINS CO WAS THE PROJECT LEADER. FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206) DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0427

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/28/98-05/28/98	3	10.	9.667	10.	9.	0.333	0.577	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	05/28/98-05/28/98	3	20.	20.	20.	20.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	05/28/98-05/28/98	3	8.4	8.4	8.5	8.3	0.01	0.1	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	05/28/98-05/28/98	3	6.5	6.5	6.7	6.3	0.04	0.2	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/28/98-05/28/98	3	6.5	6.47	6.7	6.3	0.041	0.203	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/28/98-05/28/98	3	0.316	0.339	0.501	0.2	0.023	0.152	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0427

				Total	Exceed	Prop.	6/10-10/31			11/01-4/10			4/11-6/09			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	3	0	0.00							3	0	0.00			
00406	PH, FIELD	Fresh Chronic	9.	3	0	0.00							3	0	0.00			
		Other-Lo Lim.	6.5	3	2	0.67							3	2	0.67			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0428

NPS Station ID: ROMO0428 | LAT/LON: 40.341392/-105.601698 | Agency: 11NPSWRD | Date Created: 06/18/99
Location: 105794/C04274 | FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): ROMO_NURE_202 /1073980 /1118458
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006 | Depth of Water: 0 | Aquifer:
Major Basin: MISSOURI RIVER | Elevation: 0 | Water Body Id:
Minor Basin: SOUTH PLATTE RIVER | ECO Region:
RF1 Index: 10190006 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE LONGS PEAK CO 7.5' SERIES (TOPOGRAPHIC) QUAD. THE SITE IS AT A RESERVOIR WITHIN ROCKY MOUNTAIN NATIONAL PARK (ROMO). EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN ONE WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE U.S. GEOLOGICAL SURVEY "NATIONAL GEOCHEMICAL DATA BASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND KIM BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. "UNIQID" ENTRIES WERE USED TO CREATE THE SECONDARY STATION NAMES. "LASLID" ENTRIES WERE USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LABORATORY. FOR MORE INFORMATION ABOUT THE PARK CONTACT NATURAL RESOURCES AT ROMO; ESTES PARK; CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AT NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS; CO 80525 (TEL. 970-225-3556).

Parameter Inventory for Station: ROMO0428

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/21/76-09/21/76	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/21/76-09/21/76	1	26.	26.	26.	26.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/21/76-09/21/76	1	6.2	6.2	6.2	6.2	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/21/76-09/21/76	1	6.2	6.2	6.2	6.2	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/21/76-09/21/76	1	0.631	0.631	0.631	0.631	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/21/76-09/21/76	1	0.34	0.34	0.34	0.34	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0428

				Total	Exceed	Prop.	6/10-10/31			11/01-4/10			4/11-6/09			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0429

NPS Station ID: ROMO0429 LAT/LON: 40.342031/-105.686754 Agency: 11NPSWRD Date Created: 06/12/99
Location: SPRUCE LAKE ALONG THE NORTHWEST SHORE FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): ROMO_JR_CAP26
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI RIVER Elevation: 0 Water Body Id:
Minor Basin: SOUTH PLATTE RIVER ECO Region:
RF1 Index: 10190006 RF1 Mile Point: 0.000 Distance from RF1: 12.40 On/Off RF1:
RF3 Index: 10190007002218.40 RF3 Mile Point: 18.39 Distance from RF3: 0.57 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MCHENRYS PEAK CO 7.5' SERIES (TOPO.) QUADRANGLE. THE SITE IS LOCATED AT SPRUCE LAKE NEAR THE SOUTHWEST SHORE AND IS WITHIN ROCKY MOUNTAIN NATIONAL PARK. THE DATA ARE FROM ANNUAL CAPSHELL SNAIL MONITORING PROGRAM REPORTS BY JOHN RIEBESELL OF THE DEPARTMENT OF NATURAL RESOURCES AT THE UNIVERSITY OF MICHIGAN IN DEARBORN MI. TTHE REPORTS SUMMARIZED POPULATION DATA AND WATER QUALITY CHARACTERISTICS OF THE HABITAT OF CAPSHELL SNAILS; A CANDIDATE FOR LISTING UNDER THE FEDERAL ENDANGERED SPECIES ACT. FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0429

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/25/97-07/25/97	1	12.	12.	12.	12.	0.	0.	**	**	**	**
70975	TEMPERATURE, WATER,DAILY MINIMUM DEG C	07/09/96-07/09/96	1	11.8	11.8	11.8	11.8	0.	0.	**	**	**	**
70976	TEMPERATURE, WATER,DAILY MAXIMUM DEG C	07/09/96-07/09/96	1	12.3	12.3	12.3	12.3	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: ROMO0430

NPS Station ID: ROMO0430
LAT/LON: 40.342227/-105.529727
Agency: 112WRD
Date Created: 01/07/89
Location: MARYS LAKE
FIPS State/County: 08013 COLORADO/BOULDER
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 402032105314700
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC:
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 4.90
On/Off RF1:
RF3 Index: 10190006044900.71
RF3 Mile Point: 0.73
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0430

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/21/87-07/21/87	4	2.	2.	2.	2.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/21/87-07/21/87	2	17.	17.	17.	17.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/21/87-08/08/89	7 ##	0.5	1.5	5.	0.5	3.25	1.803	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/21/87-07/26/87	5	36.	28.98	36.	0.9	246.402	15.697	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/21/87-07/21/87	2	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/21/87-07/21/87	2	8.06	8.06	8.1	8.02	0.003	0.057	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/21/87-07/21/87	2	8.058	8.058	8.1	8.02	0.003	0.057	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/21/87-07/21/87	2	0.009	0.009	0.01	0.008	0.	0.001	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/21/87-08/08/89	7	7.8	7.657	8.3	6.8	0.226	0.476	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/21/87-08/08/89	7	7.8	7.403	8.3	6.8	0.302	0.549	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/21/87-08/08/89	7	0.016	0.04	0.158	0.005	0.003	0.054	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/05/88-08/08/89	2 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	07/21/87-08/08/89	7 ##	0.005	0.021	0.06	0.005	0.001	0.027	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/05/88-08/08/89	2 ##	0.15	0.15	0.2	0.1	0.005	0.071	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/05/88-08/08/89	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/05/88-08/08/89	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/21/87-08/08/89	7 ##	0.005	0.004	0.005	0.001	0.	0.002	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/21/87-08/08/89	7	2.	1.723	4.	0.01	3.204	1.79	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/21/87-08/08/89	7	0.2	0.294	0.8	0.005	0.126	0.355	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/21/87-08/08/89	7	0.56	0.569	1.4	0.01	0.381	0.617	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/21/87-08/08/89	7	0.39	0.257	0.5	0.005	0.057	0.239	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/21/87-08/08/89	7	0.2	0.119	0.2	0.005	0.01	0.102	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/21/87-08/08/89	7	2.	1.153	2.	0.005	1.117	1.057	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/21/87-08/08/89	7	0.06	0.056	0.13	0.005	0.003	0.056	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/21/87-08/08/89	7	2.6	1.587	2.6	0.005	1.649	1.284	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/21/87-08/08/89	7	63.	62.643	130.	1.5	2722.06	52.173	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/21/87-08/08/89	7	3.	7.929	24.	0.5	121.786	11.036	**	**	**	**
71870	BROMIDE (MG/L AS BR)	07/21/87-08/08/89	7 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0430

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00	2	0	0.00									
00400	PH	Fresh Chronic	9.	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	0	0.00	2	0	0.00									
00403	PH, LAB	Fresh Chronic	9.	7	0	0.00	7	0	0.00									
		Other-Lo Lim.	6.5	7	0	0.00	7	0	0.00									
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	7	0	0.00	7	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	2	0	0.00	2	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	7	0	0.00	7	0	0.00									
		Drinking Water	250.	7	0	0.00	7	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	7	0	0.00	7	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	7	0	0.00	7	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0431

NPS Station ID: ROMO0431
LAT/LON: 40.344420/-105.730892
Agency: 11NPSWRD
Date Created: 06/12/99
Location: LAKE IRENE AT THE EAST END
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): ROMO_JR_CAP12
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MCHENRYS PEAK CO 7.5' SERIES (TOPO.) QUADRANGLE. THE SITE IS LOCATED AT IRENE LAKE AT THE EAST END AND IS WITHIN ROCKY MOUNTAIN NATIONAL PARK. THE DATA ARE FROM ANNUAL CAPSHELL SNAIL MONITORING PROGRAM REPORTS BY JOHN RIEBESELL OF THE DEPARTMENT OF NATURAL RESOURCES AT THE UNIVERSITY OF MICHIGAN IN DEARBORN MI. TTHE REPORTS SUMMARIZED POPULATION DATA AND WATER QUALITY CHARACTERISTICS OF THE HABITAT OF CAPSHELL SNAILS; A CANDIDATE FOR LISTING UNDER THE FEDERAL ENDANGERED SPECIES ACT. FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0431

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/18/97-07/18/97	1	27.	27.	27.	27.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: ROMO0432

NPS Station ID: ROMO0432
LAT/LON: 40.344726/-105.583338
Agency: 112WRD
Date Created: 12/02/81
Location: GLACIER CREEK NEAR ESTES PARK, CO.
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 06732000
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 10190006013
RF1 Mile Point: 4.250
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 10190007004205.73
RF3 Mile Point: 9.25
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0432

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/12/68-10/16/70	16	7.75	7.719	15.	0.	34.666	5.888	0.	1.25	13.5	14.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: ROMO0433

NPS Station ID: ROMO0433
LAT/LON: 40.345837/-105.575005
Agency: 1117S030
Date Created: / /
Location: YMCA CAMP STP OUTFALL
FIPS State/County: 08000 COLORADO/
Station Type: /TYPA/MUN/TREATD/OUTFL/STREAM
STORET Station ID(s): 070644
RMI-Indexes: 1021500 009490 07090 1070 1540 1210
Within Park Boundary: No
RMI-Miles: 1149.40 0595.20 309.00 260.40 063.60 000.40
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006013
RF1 Mile Point: 3.830
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 10190006002700.00
RF3 Mile Point: 0.32
Distance from RF3: 0.02
On/Off RF3:
Description:
YMCA CONFERENCE CAMP SEWAGE TREATMENT PLANT OUTFALL PLANT DATA (FROM SOUTH PLATTE RIVER BASIN PROJECT STUDY AUG 1966)
TYPE TREATMENT: SECONDARY (ACTIVATED SLUDGE) POPULATION SERVED: 3,000 (SUMMER)
AVERAGE FLOW: 0.08 MGD CHLORINATION FACILITIES: NO
LOCATION: OUTFALL DISCHARGES TO GLACIER CREEK ADJACENT TO PLANT. CAMP LOCATED NEAR COLO HWY 262 ABOUT 3.5 MILES S.W. OF ESTES PARK.

Parameter Inventory for Station: ROMO0433

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/19/66-08/24/66	3	19.	19.	20.	18.	1.	1.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/19/66-08/24/66	3	567.	517.	600.	384.	13539.	116.357	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	07/19/66-08/24/66	3	182.	181.	185.	176.	21.	4.583	**	**	**	**
00400	PH (STANDARD UNITS)	07/19/66-08/24/66	3	8.4	8.367	8.7	8.	0.123	0.351	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/19/66-08/24/66	3	8.4	8.274	8.7	8.	0.136	0.369	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/19/66-08/24/66	3	0.004	0.005	0.01	0.002	0.	0.004	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/19/66-08/24/66	3	72.	63.333	73.	45.	252.333	15.885	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/19/66-08/24/66	3	67.	60.667	70.	45.	186.333	13.65	**	**	**	**
00545	RESIDUE, SETTLEABLE (ML/L)	07/19/66-08/24/66	3 ##	0.05	0.2	0.5	0.05	0.068	0.26	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/19/66-08/24/66	3	4900000.	6130000.	13000000.	490000.	**********	6345053.191	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	07/19/66-08/24/66	3	6.69	6.498	7.114	5.69	0.534	0.731	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			3148559.012								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/19/66-08/24/66	3	2300000.	1544333.333	2300000.	33000.	**********	1308853.06	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/19/66-08/24/66	3	6.362	5.747	6.362	4.519	1.132	1.064	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			558885.966								
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	07/19/66-08/23/66	2	1.15	1.15	1.2	1.1	0.005	0.071	**	**	**	**
50050	FLOW, IN CONDUIT OR THRU A TREATMENT PLANT MGD	07/19/66-08/24/66	3	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
50080	BOD, PLANT INFLUENT, 5 DAY, 20 DEG C MG/L	07/19/66-08/24/66	3	215.	210.	345.	70.	18925.	137.568	**	**	**	**
50084	BOD, PLANT EFFLUENT, 5 DAY, 20 DEG C MG/L	07/19/66-08/24/66	3	39.	42.667	50.	39.	40.333	6.351	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0433

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	3	0	0.00	3	0	0.00									
		Other-Lo Lim.	6.5	3	0	0.00	3	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	3	3	1.00	3	3	1.00									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	3	3	1.00	3	3	1.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0434

NPS Station ID: ROMO0434 LAT/LON: 40.345977/-105.642616 Agency: 11NPSWRD Date Created: 06/12/99
Location: CUB LAKE AT THE FLAT ROCK ALONG THE NORTH SHORE FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): ROMO_JR_CAP05
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI RIVER Elevation: 0 Water Body Id:
Minor Basin: SOUTH PLATTE RIVER ECO Region:
RF1 Index: 10190006 RF1 Mile Point: 0.000 Distance from RF1: 12.40 On/Off RF1:
RF3 Index: 10190007002218.40 RF3 Mile Point: 18.39 Distance from RF3: 0.57 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MCHENRYS PEAK CO 7.5' SERIES (TOPO.) QUADRANGLE. THE SITE IS LOCATED AT CUB LAKE ALONG THE NORTH SHORE AT THE FLAT ROCK AND IS WITHIN ROCKY MOUNTAIN NATIONAL PARK. THE DATA ARE FROM ANNUAL CAPSHELL SNAIL MONITORING PROGRAM REPORTS BY JOHN RIEBESELL OF THE DEPARTMENT OF NATURAL RESOURCES AT THE UNIVERSITY OF MICHIGAN IN DEARBORN MI. TTHE REPORTS SUMMARIZED POPULATION DATA AND WATER QUALITY CHARACTERISTICS OF THE HABITAT OF CAPSHELL SNAILS; A CANDIDATE FOR LISTING UNDER THE FEDERAL ENDANGERED SPECIES ACT. FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0434

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/25/97-07/25/97	1	35.	35.	35.	35.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: ROMO0435

NPS Station ID: ROMO0435 | LAT/LON: 40.346392/-105.765281 | Agency: 12WLS1 | Date Created: 09/03/88
Location: HAYNACH LAKES (NW) | FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): 4E1-018
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14010001 | Depth of Water: 26 | Aquifer:
Major Basin: | Elevation: 0 | Water Body Id:
Minor Basin: | ECO Region:
RF1 Index: 14010001 | RF1 Mile Point: 0.000 | Distance from RF1: 0.00 | On/Off RF1:
RF3 Index: 14010001004200.14 | RF3 Mile Point: 0.14 | Distance from RF3: 0.16 | On/Off RF3:
Description:
THIS DATA WAS COLLECTED DURING THE WESTERN LAKE SURVEY-PHASE I (WLS-I) AS PART OF EPA'S NATIONAL SURFACE WATER SURVEY, AQUATIC EFFECTS RESEARCH PROGRAM. THE SURVEY DESIGN, METHODS, AND DATA LIMITATIONS ARE DESCRIBED IN:
LANDERS, D.H., ET AL. 1987. CHARACTERISTICS OF LAKES IN THE WESTERN UNITED STATES. VOL. I. POPULATION DESCRIPTIONS AND PHYSICO-CHEMICAL RELATIONSHIPS. EPA/600/4-86/054A. U.S. ENVIRON. PROT. AGENCY, WASHINGTON, D.C. 176 PP.
THE DATA PRESENTED HERE ARE THOSE REPORTED IN LANDERS ET AL. (1987) WITH THE FOLLOWING EXCEPTIONS: (1) UNITS FOR CHEMICAL PARAMETERS ARE TYPICALLY IN MG/L RATHER THAN MICROEQ/L; (2) NO SUBSTITUTED VALUES ARE PROVIDED FOR SUSPECT DATA; (3) TAGS AND FLAGS USED TO IDENTIFY SUSPICIOUS DATA ARE NOT SHOWN; AND (4) CALCULATED OR DERIVED VARIABLES ARE EXCLUDED.

Parameter Inventory for Station: ROMO0435

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/85-10/04/85	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/04/85-10/04/85	1	3.25	3.25	3.25	3.25	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	10/04/85-10/04/85	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/04/85-10/04/85	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00154	SULFATE (AS S) WHOLE WATER, MG/L	10/04/85-10/04/85	1	0.798	0.798	0.798	0.798	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	10/04/85-10/04/85	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/04/85-10/04/85	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/04/85-10/04/85	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	10/04/85-10/04/85	1	105.9	105.9	105.9	105.9	0.	0.	**	**	**	**
00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	10/04/85-10/04/85	1	16.8	16.8	16.8	16.8	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/04/85-10/04/85	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	10/04/85-10/04/85	1	1.9	1.9	1.9	1.9	0.	0.	**	**	**	**
00910	CALCIUM (MG/L AS CACO3)	10/04/85-10/04/85	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/04/85-10/04/85	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/04/85-10/04/85	1	0.62	0.62	0.62	0.62	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/04/85-10/04/85	1	0.18	0.18	0.18	0.18	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/04/85-10/04/85	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/04/85-10/04/85	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/04/85-10/04/85	1	2.3	2.3	2.3	2.3	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/04/85-10/04/85	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	10/04/85-10/04/85	1	21.	21.	21.	21.	0.	0.	**	**	**	**
70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	10/04/85-10/04/85	1	0.024	0.024	0.024	0.024	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: ROMO0435

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/04/85-10/04/85	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
71885	IRON (UG/L AS FE)	10/04/85-10/04/85	1	36.	36.	36.	36.	0.	0.	**	**	**	**
72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	10/04/85-10/04/85	1	11066.8	11066.8	11066.8	11066.8	0.	0.	**	**	**	**
82047	DEPTH TO THE TOP OF THE SAMPLING INTERVAL (METERS)	10/04/85-10/04/85	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/04/85-10/04/85	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0435

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00154	SULFATE (AS S) WHOLE WATER	Drinking Water	250.	1	0	0.00	1	0	0.00									
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0436

NPS Station ID: ROMO0436 | LAT/LON: 40.348559/-105.570837 | Agency: 11NPSWRD | Date Created: 08/21/99
Location: Glacier Creek above Big Thompson R. Confluence | FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): ROMO_JS_GLACR
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006 | Depth of Water: 0 | Aquifer:
Major Basin: MISSOURI RIVER | Elevation: 2374 | Water Body Id:
Minor Basin: SOUTH PLATTE RIVER | ECO Region:
RF1 Index: 10190006 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
The station is located on the Longs Peak CO 7.5' (topographic) series quadrangle in Rocky Mountain National Park. The station is located in Glacier Creek above the Big Thompson River confluence as it leaves the park. The data originated from a University of Colorado dissertation entitled "Isotopic and Chemical Flowpath Separation of Streamflow During Snowmelt and Hydrogeological Controls of Surface-Water Chemistry in Six Alpine-Subalpine Basins; Rocky Mountain National Park; Colorado" 1996 by Julie K. Sueker. Sueker also contributed other data that weren't included in her dissertation. For more information about the data; contact Julie K. Sueker; Exponent Environmental Group; 4940 Pearl East Circle Ste. 300; Boulder CO 80301 (Tel. 970-444-7270). For information on the park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 97 -586-1206). Data were uploaded to STORET by Margaret Matter; NPS-WRD; 1201 Oak Ridge Dr. Ste. 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0436

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/17/93-10/19/93	24	14.	18.583	36.	11.	73.732	8.587	11.	13.	27.75	32.5
00403	PH, LAB, STANDARD UNITS SU	02/17/93-10/19/93	24	6.9	6.929	7.5	6.5	0.065	0.254	6.65	6.725	7.1	7.35
00403	CONVERTED PH, LAB, STANDARD UNITS	02/17/93-10/19/93	24	6.9	6.866	7.5	6.5	0.069	0.263	6.65	6.725	7.1	7.35
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/17/93-10/19/93	24	0.126	0.136	0.316	0.032	0.005	0.07	0.045	0.079	0.189	0.225
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	02/17/93-10/19/93	24	86.05	123.254	308.	60.5	5994.91	77.427	61.95	68.775	161.5	266.7
00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/21/93-10/19/93	23	0.1	0.25	0.9	0.07	0.059	0.242	0.07	0.08	0.3	0.66
00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/21/93-10/19/93	23	1.4	1.626	2.8	0.9	0.369	0.608	1.04	1.1	2.	2.8
00955	SILICA, DISSOLVED (MG/L AS SI02)	02/17/93-10/19/93	24	4.35	5.663	11.3	2.6	9.605	3.099	2.75	3.325	8.075	11.2
46552	CALCIUM,FIELD ACIDIFIED W/HNO3 LAB FILTER(MG/L)	02/17/93-10/19/93	24	1.515	1.749	2.77	1.13	0.317	0.563	1.23	1.298	2.173	2.75
46554	MAGNESIUM,FIELD ACIDIFIED-HNO3-LAB FILT(MG/L-MG)	02/17/93-10/19/93	24	0.33	0.443	0.94	0.23	0.057	0.239	0.24	0.27	0.6	0.885
46555	POTASSIUM,FIELD ACIDIFIED-HNO3-LAB FILT.(MG/L-K))	02/17/93-10/19/93	24	0.235	0.286	0.51	0.15	0.017	0.129	0.155	0.183	0.415	0.5
46556	SODIUM, FIELD ACIDIFIED W/HNO3, LAB FILTERED MG/L	02/17/93-10/19/93	24	0.895	1.223	2.62	0.57	0.423	0.65	0.65	0.73	1.708	2.42
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	03/21/93-10/19/93	23	0.3	0.266	0.8	0.	0.064	0.254	0.	0.006	0.5	0.66

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0436

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	24	0	0.00	14	0	0.00	3	0	0.00	7	0	0.00			
		Other-Lo Lim.	6.5	24	1	0.04	14	1	0.07	3	0	0.00	7	0	0.00			
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	24	19	0.79	14	14	1.00	3	0	0.00	7	5	0.71			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	23	0	0.00	14	0	0.00	2	0	0.00	7	0	0.00			
		Drinking Water	250.	23	0	0.00	14	0	0.00	2	0	0.00	7	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	23	0	0.00	14	0	0.00	2	0	0.00	7	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	23	0	0.00	14	0	0.00	2	0	0.00	7	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0437

NPS Station ID: ROMO0437
LAT/LON: 40.349253/-105.659143
Agency: 11NPSWRD
Date Created: 08/21/99
Location: Big Thompson River at The Pool below Fern Creek
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_JS_BTRP
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 2530
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the McHenrys Peak CO 7.5' (topographic) series quadrangle in Rocky Mountain National Park. The station is located in the Big Thompson River at The Pool below Fern Creek along the trail. The data originated from a University of Colorado dissertation entitled "Isotopic and Chemical Flowpath Separation of Streamflow During Snowmelt and Hydrogeological Controls of Surface-Water Chemistry in Six Alpine-Subalpine Basins; Rocky Mountain National Park; Colorado" 1996 by Julie K. Sueker. Sueker also contributed other data that weren't included in her dissertation. For more information about the data; contact Julie K. Sueker; Exponent Environmental Group; 4940 Pearl East Circle Ste. 300; Boulder CO 80301 (Tel. 970-444-7270). For information on the park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 97 -586-1206). Data were uploaded to STORET by Margaret Matter; NPS-WRD; 1201 Oak Ridge Dr. Ste. 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0437

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/11/93-11/01/94	49	14.	15.306	28.	10.	25.8	5.079	10.	11.	18.5	24.
00403	PH, LAB, STANDARD UNITS SU	02/11/93-11/01/94	49	6.9	6.859	7.1	6.5	0.012	0.11	6.7	6.8	6.9	7.
00403	CONVERTED PH, LAB, STANDARD UNITS	02/11/93-11/01/94	49	6.9	6.845	7.1	6.5	0.012	0.111	6.7	6.8	6.9	7.
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/11/93-11/01/94	49	0.126	0.143	0.316	0.079	0.002	0.039	0.1	0.126	0.158	0.2
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	02/11/93-11/01/94	49	76.1	80.722	119.1	56.1	341.593	18.482	62.9	65.35	92.	114.8
00941	CHLORIDE, DISSOLVED IN WATER MG/L	02/11/93-11/01/94	49	0.1	0.144	0.9	0.	0.019	0.139	0.05	0.065	0.2	0.3
00946	SULFATE, DISSOLVED (MG/L AS SO4)	02/11/93-11/01/94	49	1.4	1.822	4.5	0.	1.158	1.076	1.	1.05	2.25	4.
00955	SILICA, DISSOLVED (MG/L AS SI02)	02/11/93-11/01/94	49	3.5	3.778	6.9	2.	1.904	1.38	2.1	2.65	4.8	5.8
46552	CALCIUM,FIELD ACIDIFIED W/HNO3 LAB FILTER(MG/L)	02/11/93-11/01/94	49	1.42	1.581	2.86	0.95	0.275	0.524	1.08	1.11	1.925	2.41
46554	MAGNESIUM,FIELD ACIDIFIED-HNO3-LAB FILT(MG/L-MG)	02/11/93-11/01/94	49	0.32	0.375	0.75	0.22	0.02	0.143	0.23	0.255	0.49	0.59
46555	POTASSIUM,FIELD ACIDIFIED-HNO3-LAB FILT.(MG/L-K))	02/11/93-11/01/94	49	0.23	0.245	0.43	0.13	0.007	0.084	0.15	0.18	0.31	0.37
46556	SODIUM, FIELD ACIDIFIED W/HNO3, LAB FILTERED MG/L	02/11/93-11/01/94	49	0.72	0.825	1.67	0.46	0.107	0.326	0.49	0.565	1.015	1.44
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	02/11/93-11/01/94	49	0.4	0.481	2.1	0.	0.175	0.419	0.006	0.3	0.6	0.9

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0437

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	49	0	0.00	30	0	0.00	7	0	0.00	12	0	0.00			
		Other-Lo Lim.	6.5	49	1	0.02	30	1	0.03	7	0	0.00	12	0	0.00			
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	49	49	1.00	30	30	1.00	7	7	1.00	12	12	1.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	49	0	0.00	30	0	0.00	7	0	0.00	12	0	0.00			
		Drinking Water	250.	49	0	0.00	30	0	0.00	7	0	0.00	12	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	49	0	0.00	30	0	0.00	7	0	0.00	12	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	49	0	0.00	30	0	0.00	7	0	0.00	12	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0438

NPS Station ID: ROMO0438
LAT/LON: 40.349337/-105.663337
Agency: 11NPSWRD
Date Created: 08/21/99
Location: Fern Creek Gage
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_JS_FERN
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 2579
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the McHenrys Peak CO 7.5' (topographic) series quadrangle in Rocky Mountain National Park. The station is located ata gage on Fern Creek above the Big Thompson River near the hiking trail. The data originated from a University of Colorado dissertation entitled "Isotopic and Chemical Flowpath Separation of Streamflow During Snowmelt and Hydrogeological Controls of Surface-Water Chemistry in Six Alpine-Subalpine Basins; Rocky Mountain National Park; Colorado" 1996 by Julie K. Sueker. Sueker also contributed other data that weren't included in her dissertation. For more information about the data; contact Julie K. Sueker; Exponent Environmental Group; 4940 Pearl East Circle Ste. 300; Boulder CO 80301 (Tel. 970-444-7270). For information on the park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 97 -586-1206). Data were uploaded to STORET by Margaret Matter; NPS-WRD; 1201 Oak Ridge Dr. Ste. 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0438

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/11/93-10/04/95	190	12.	12.311	23.	4.5	10.808	3.288	9.	10.	15.	17.
00403	PH, LAB, STANDARD UNITS SU	02/11/93-10/04/95	190	6.8	6.785	7.1	6.4	0.011	0.103	6.7	6.7	6.8	6.9
00403	CONVERTED PH, LAB, STANDARD UNITS	02/11/93-10/04/95	190	6.8	6.773	7.1	6.4	0.011	0.104	6.7	6.7	6.8	6.9
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/11/93-10/04/95	190	0.158	0.168	0.398	0.079	0.002	0.04	0.126	0.158	0.2	0.2
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	02/11/93-10/04/95	190	59.95	60.9	105.8	42.5	130.183	11.41	47.97	52.375	67.625	74.96
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	04/20/95-08/21/95	5	3.5	2.96	4.8	1.	2.453	1.566	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	02/11/93-10/04/95	70	0.1	0.128	0.3	0.03	0.005	0.073	0.05	0.06	0.2	0.2
00946	SULFATE, DISSOLVED (MG/L AS SO4)	02/11/93-10/04/95	70	1.5	1.633	3.3	0.8	0.444	0.666	0.9	1.	2.2	2.6
00955	SILICA, DISSOLVED (MG/L AS SI02)	02/11/93-10/04/95	70	3.15	3.32	5.9	1.6	1.396	1.182	1.91	2.375	4.3	4.9
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	04/20/95-10/04/95	21	0.2	0.17	0.3	0.09	0.004	0.067	0.09	0.1	0.2	0.28
46552	CALCIUM,FIELD ACIDIFIED W/HNO3 LAB FILTER(MG/L)	02/11/93-11/01/94	49	1.27	1.363	2.27	0.99	0.12	0.346	1.01	1.055	1.625	1.88
46554	MAGNESIUM,FIELD ACIDIFIED-HNO3-LAB FILT(MG/L-MG)	02/11/93-11/01/94	49	0.26	0.281	0.54	0.17	0.01	0.101	0.18	0.19	0.36	0.44
46555	POTASSIUM,FIELD ACIDIFIED-HNO3-LAB FILT.(MG/L-K))	02/11/93-11/01/94	49	0.17	0.188	0.38	0.08	0.005	0.071	0.1	0.14	0.23	0.32
46556	SODIUM, FIELD ACIDIFIED W/HNO3, LAB FILTERED MG/L	02/11/93-11/01/94	49	0.59	0.659	1.31	0.37	0.061	0.248	0.4	0.44	0.89	1.03
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	04/20/95-10/04/95	21	0.007	0.01	0.04	0.	0.	0.012	0.	0.	0.015	0.03
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	02/11/93-10/04/95	70	0.6	0.62	2.4	0.001	0.238	0.488	0.016	0.4	0.725	1.09

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0438

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	190	0	0.00	117	0	0.00	7	0	0.00	66	0	0.00			
		Other-Lo Lim.	6.5	190	1	0.01	117	1	0.01	7	0	0.00	66	0	0.00			
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	190	190	1.00	117	117	1.00	7	7	1.00	66	66	1.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	70	0	0.00	39	0	0.00	7	0	0.00	24	0	0.00			
		Drinking Water	250.	70	0	0.00	39	0	0.00	7	0	0.00	24	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	70	0	0.00	39	0	0.00	7	0	0.00	24	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	70	0	0.00	39	0	0.00	7	0	0.00	24	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0439

NPS Station ID: ROMO0439 LAT/LON: 40.349365/-105.571282 Agency: 11NPSWRD Date Created: 07/03/99
Location: BIG THOMPSON RIVER BELOW MORAINE PARK FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): ROMO_NJ_BTR6
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 10190006 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI RIVER Elevation: 0 Water Body Id:
Minor Basin: SOUTH PLATTE RIVER ECO Region:
RF1 Index: 10190006 RF1 Mile Point: 0.000 Distance from RF1: 12.40 On/Off RF1:
RF3 Index: 10190007002218.40 RF3 Mile Point: 18.39 Distance from RF3: 0.57 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE LONGS PEAK CO. 7.5' (TOPOGRAPHICAL) SERIES QUADRANGLE. THE SITE IS AT THE BIG THOMPSON RIVER BELOW MORAINE PARK AND IS LOCATED OUTSIDE OF ROCKY MOUNTAIN NATIONAL PARK. THE DATA WERE COLLECTED BY NANCY JACOBSON TO CONTINUE THE BASELINE WATER QUALITY MONITORING PROGRAMS FOR THE BIG THOMPSON AND FALL RIVERS; AND TO ASSESS PRESENT HUMAN IMPACTS TO BIOLOGICAL PARAMETERS OF WATER QUALITY IN BOULDER BROOK. ONLY TEMPERATURE AND BACTERIOLOGICAL RESULTS WERE AVAILABLE AT THE TIME OF REPORT WRITING. FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0439

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/26/82-08/16/82	14	9.5	9.393	16.5	2.	15.815	3.977	3.	6.75	11.	16.25
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/26/82-08/16/82	14	121.	123.429	270.	2.	8843.033	94.037	4.	15.25	218.5	263.5
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/26/82-08/16/82	14	2.081	1.805	2.431	0.301	0.471	0.686	0.54	1.173	2.339	2.421
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			63.773								
61214	FECAL STREPTOCOCCI, GENERAL #/100ML	05/26/82-08/16/82	12	60.5	244.083	1050.	26.	118591.72	344.371	26.9	36.	362.5	978.
61215	FECAL COLIFORM, GENERAL #/100ML	05/26/82-08/16/82	12	2.5	4.833	25.	0.	53.242	7.297	0.	0.	7.75	20.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0439

				Total	Exceed	Prop.	----------6/10-10/31----------			----------11/01-4/10----------			----------4/11-6/09----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	14	0	0.00	10	0	0.00				4	0	0.00			
61215	FECAL COLIFORM, GENERAL #/100ML	Other-Hi	Lim.	200.			12	0		0.00		8		0	0	.00		

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0440

NPS Station ID: ROMO0440
LAT/LON: 40.349753/-105.665005
Agency: 11NPSWRD
Date Created: 08/21/99
Location: Spruce Creek Gage
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_JS_SPRUCE
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 2603
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the McHenrys Peak CO 7.5' (topographic) series quadrangle in Rocky Mountain National Park. The station is located at the Spruce Creek gage above the Big Thompson River north of the trail. The data originated from a University of Colorado dissertation entitled "Isotopic and Chemical Flowpath Separation of Streamflow During Snowmelt and Hydrogeological Controls of Surface-Water Chemistry in Six Alpine-Subalpine Basins; Rocky Mountain National Park; Colorado" 1996 by Julie K. Sueker. Sueker also contributed other data that weren't included in her dissertation. For more information about the data; contact Julie K. Sueker; Exponent Environmental Group; 4940 Pearl East Circle Ste. 300; Boulder CO 80301 (Tel. 970-444-7270). For information on the park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 97 -586-1206). Data were uploaded to STORET by Margaret Matter; NPS-WRD; 1201 Oak Ridge Dr. Ste. 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0440

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/11/93-10/04/95	225	14.	14.347	26.	5.	25.629	5.063	9.	10.	18.	22.
00403	PH, LAB, STANDARD UNITS SU	02/11/93-10/04/95	225	6.8	6.801	7.1	6.5	0.016	0.125	6.7	6.7	6.9	7.
00403	CONVERTED PH, LAB, STANDARD UNITS	02/11/93-10/04/95	225	6.8	6.784	7.1	6.5	0.016	0.126	6.7	6.7	6.9	7.
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/11/93-10/04/95	225	0.158	0.165	0.316	0.079	0.002	0.045	0.1	0.126	0.2	0.2
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	02/11/93-10/04/95	225	68.7	74.309	123.2	49.6	279.705	16.724	58.14	62.6	83.1	101.52
00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/21/93-10/04/95	224	0.1	0.151	0.4	0.	0.009	0.096	0.05	0.08	0.2	0.3
00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/21/93-10/04/95	224	1.4	1.625	3.6	0.	0.746	0.864	0.7	0.9	2.175	3.1
00955	SILICA, DISSOLVED (MG/L AS SI02)	02/11/93-10/04/95	225	3.7	3.955	6.6	2.1	1.522	1.234	2.6	2.85	4.85	5.9
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	05/23/95-10/04/95	11	0.1	0.125	0.3	0.09	0.004	0.066	0.09	0.1	0.1	0.28
46552	CALCIUM,FIELD ACIDIFIED W/HNO3 LAB FILTER(MG/L)	02/11/93-11/01/94	210	1.66	1.718	3.03	0.93	0.297	0.545	1.1	1.22	2.203	2.479
46554	MAGNESIUM,FIELD ACIDIFIED-HNO3-LAB FILT(MG/L-MG)	02/11/93-11/01/94	210	0.29	0.31	0.66	0.15	0.018	0.134	0.17	0.19	0.42	0.51
46555	POTASSIUM,FIELD ACIDIFIED-HNO3-LAB FILT.(MG/L-K))	02/11/93-11/01/94	214	0.23	0.234	0.58	0.09	0.008	0.092	0.13	0.158	0.283	0.36
46556	SODIUM, FIELD ACIDIFIED W/HNO3, LAB FILTERED MG/L	02/11/93-11/01/94	210	0.7	0.786	1.57	0.4	0.076	0.276	0.53	0.57	0.962	1.248
50790	OXYGEN-18, (DELTA UNITS - PARTS PER THOUSAND)	06/10/93-09/20/93	16	-17.23	-17.313	-15.95	-17.97	0.237	0.487	-16.685	-17.1	-17.633	-17.942
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	05/23/95-10/04/95	11 ##	0.	0.003	0.01	0.	0.	0.004	0.	0.	0.007	0.01
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	03/21/93-10/04/95	224	0.5	0.441	1.8	0.	0.114	0.337	0.	0.07	0.6	0.9

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0440

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	225	0	0.00	109	0	0.00	24	0	0.00	92	0	0.00			
		Other-Lo Lim.	6.5	225	2	0.01	109	2	0.02	24	0	0.00	92	0	0.00			
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	225	225	1.00	109	109	1.00	24	24	1.00	92	92	1.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	224	0	0.00	109	0	0.00	23	0	0.00	92	0	0.00			
		Drinking Water	250.	224	0	0.00	109	0	0.00	23	0	0.00	92	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	224	0	0.00	109	0	0.00	23	0	0.00	92	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	224	0	0.00	109	0	0.00	23	0	0.00	92	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0441

NPS Station ID: ROMO0441
LAT/LON: 40.350003/-105.813060
Agency: 112WRD
Date Created: 11/18/75
Location: LONG MEADOWS
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 402100105484700
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14010001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14010001
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 14010001013900.00
RF3 Mile Point: 3.04
Distance from RF3: 0.03
On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0441

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/15/74-08/29/74	2	11.	11.	12.	10.	2.	1.414	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/15/74-08/29/74	2	19.5	19.5	23.	16.	24.5	4.95	**	**	**	**
00400	PH (STANDARD UNITS)	07/15/74-07/15/74	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/15/74-07/15/74	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/15/74-07/15/74	1	0.316	0.316	0.316	0.316	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	07/15/74-07/15/74	1	3.5	3.5	3.5	3.5	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/15/74-08/29/74	2	8.5	8.5	11.	6.	12.5	3.536	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	07/15/74-08/29/74	2	10.5	10.5	14.	7.	24.5	4.95	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	07/15/74-07/15/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/15/74-08/29/74	2 ##	0.03	0.03	0.05	0.01	0.001	0.028	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	07/15/74-08/29/74	2	0.015	0.015	0.03	0.	0.	0.021	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/15/74-08/29/74	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/15/74-08/29/74	2	7.5	7.5	10.	5.	12.5	3.536	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/15/74-08/29/74	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/15/74-08/29/74	2	1.9	1.9	2.1	1.7	0.08	0.283	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/15/74-08/29/74	2	0.75	0.75	1.2	0.3	0.405	0.636	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/15/74-08/29/74	2	2.45	2.45	2.6	2.3	0.045	0.212	**	**	**	**
00931	SODIUM ADSORPTION RATIO	07/15/74-08/29/74	2	0.4	0.4	0.5	0.3	0.02	0.141	**	**	**	**
00932	SODIUM, PERCENT	07/15/74-08/29/74	2	40.5	40.5	49.	32.	144.5	12.021	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/15/74-08/29/74	2	0.25	0.25	0.3	0.2	0.005	0.071	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/15/74-08/29/74	2	4.	4.	5.	3.	2.	1.414	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/15/74-08/29/74	2	3.	3.	3.	3.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/15/74-08/29/74	2 ##	0.075	0.075	0.1	0.05	0.001	0.035	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/15/74-08/29/74	2	9.25	9.25	12.	6.5	15.125	3.889	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/15/74-08/29/74	2	180.	180.	230.	130.	5000.	70.711	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/15/74-08/29/74	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/15/74-08/29/74	2	27.	27.	31.	23.	32.	5.657	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	07/15/74-08/29/74	2	0.035	0.035	0.04	0.03	0.	0.007	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0441

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	2	0	0.00	2	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00	2	0	0.00									
		Drinking Water	250.	2	0	0.00	2	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	2	0	0.00	2	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	2	0	0.00	2	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0442

NPS Station ID: ROMO0442
LAT/LON: 40.350087/-105.650781
Agency: 11NPSWRD
Date Created: 04/03/99
Location: BIG THOMPSON SITE 1
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_NPS_BT1
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
THE STATION IS LOCATED AT THE MCHENRYS PEAK CO 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT THE BIG THOMPSON RIVER APPROXIMATELY 1.5 MILES UPSTREAM FROM THE FERN LAKE TAILHEAD AND IS WITHIN THE BOUNDARY OF ROCKY MOUNTAIN NATIONAL PARK. THE DATA ARE FROM A BASELINE WATER QUALITY STUDY REPORT (OCTOBER 1981) BY LISA BUINSMA OF COLORADO STATE UNIVERSITY; FORT COLLINS CO. BASELINE WATER QUALITY DATA WERE COLLECTED FROM THE BIG THOMPSON AND FALL RIVERS; TWO LARGE AND HEAVILY USED WATERSHEDS IN ROCKY MOUNTAIN NATIONAL PARK; IN ORDER TO DETERMINE WATER QUALITY IN THE TWO WATERSHEDS AND FOR FUTURE MONITORING. FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: ROMO0442

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/21/81-08/24/81	16	11.	11.313	15.	8.	4.896	2.213	8.7	9.25	13.	15.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/21/81-08/24/81	16	46.	46.063	95.	8.	591.663	24.324	10.8	24.25	63.	81.7
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	07/21/81-08/24/81	16	1.663	1.587	1.978	0.903	0.087	0.296	1.026	1.385	1.799	1.91
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			38.603								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	07/21/81-08/24/81	16	3.	5.313	21.	1.	34.096	5.839	1.	2.	6.	18.9
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	07/21/81-08/24/81	16	0.477	0.548	1.322	0.	0.148	0.385	0.	0.301	0.778	1.275
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			3.532								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	07/21/81-08/24/81	12	980.	803.75	1400.	128.	205916.75	453.781	131.6	271.5	1143.75	1352.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	07/21/81-08/24/81	12	2.991	2.786	3.146	2.107	0.156	0.395	2.119	2.352	3.058	3.13
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			610.952								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0442

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	16	0	0.00	16	0	0.00									
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	16	0	0.00	16	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0443

NPS Station ID: ROMO0443 | LAT/LON: 40.350337/-105.576699 | Agency: 11NPSWRD | Date Created: 04/03/99
Location: BIG THOMPSON SITE 4 | FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): ROMO_NPS_BT4
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006 | Depth of Water: 0 | Aquifer:
Major Basin: MISSOURI RIVER | Elevation: 0 | Water Body Id:
Minor Basin: SOUTH PLATTE RIVER | ECO Region:
RF1 Index: 10190006 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED AT THE LONGS PEAK CO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT THE BIG THOMPSON RIVER ABOUT 0.25 MILES DOWNSTREAM OF THE FIRST BRIDGE ON THE BEAR LAKE ROAD AND IS WITHIN THE BOUNDARY OF ROCKY MOUNTAIN NATIONAL PARK. THE DATA ARE FROM A BASELINE WATER QUALITY STUDY REPORT (OCTOBER 1981) BY LISA BUINSMA OF COLORADO STATE UNIVERSITY; FORT COLLINS CO. THE WATER QUALITY DATA WERE COLLECTED FROM THE BIG THOMPSON AND FALL RIVERS; TWO LARGE AND HEAVILY USED WATERSHEDS IN THE PARK; IN ORDER TO ASSESS WATER QUALITY IN THE TWO WATERSHEDS AND DETERMINE THE NEED FOR FUTURE MONITORING. FOR MORE INFORMATION ABOUT THE PARK CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION 1201 OAK RIDGE; DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: ROMO0443

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/21/81-08/24/81	16	13.	13.688	19.	11.	6.496	2.549	11.	12.	15.5	19.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/21/81-08/24/81	16	81.	107.125	320.	16.	6736.25	82.075	17.4	54.5	137.75	275.2
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	07/21/81-08/24/81	16	1.907	1.909	2.505	1.204	0.126	0.354	1.24	1.735	2.138	2.437
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			81.117								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	07/21/81-08/24/81	16	10.	11.5	28.	2.	40.4	6.356	4.8	8.	13.5	24.5
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	07/21/81-08/24/81	16	1.	0.997	1.447	0.301	0.067	0.258	0.635	0.903	1.129	1.387
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			9.938								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	07/21/81-08/24/81	12	655.	634.917	850.	316.	25248.629	158.898	335.2	555.	756.25	823.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	07/21/81-08/24/81	12	2.816	2.787	2.929	2.5	0.017	0.129	2.524	2.744	2.879	2.915
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			612.627								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0443

				Total	Exceed	Prop.	----------6/10-10/31----------			----------11/01-4/10----------			----------4/11-6/09----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	16	0	0.00	16	0	0.00									
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	16	0	0.00	16	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0444

NPS Station ID: ROMO0444 LAT/LON: 40.350587/-105.663865 Agency: 11NPSWRD Date Created: 08/21/99
Location: Big Thompson R. in Forest Canyon above Spruce Cr FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): ROMO_JS_BTRFC
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI RIVER Elevation: 2566 Water Body Id:
Minor Basin: SOUTH PLATTE RIVER ECO Region:
RF1 Index: 10190006 RF1 Mile Point: 0.000 Distance from RF1: 12.40 On/Off RF1:
RF3 Index: 10190007002218.40 RF3 Mile Point: 18.39 Distance from RF3: 0.57 On/Off RF3:
Description:
The station is located on the McHenrys Peak CO 7.5' (topographic) series quadrangle in Rocky Mountain National Park. The station is located in the Big Thompson River at the end of Forest Canyon above Spruce Creek. The data originated from a University of Colorado dissertation entitled "Isotopic and Chemical Flowpath Separation of Streamflow During Snowmelt and Hydrogeological Controls of Surface-Water Chemistry in Six Alpine-Subalpine Basins; Rocky Mountain National Park; Colorado" 1996 by Julie K. Sueker. Sueker also contributed other data that weren't included in her dissertation. For more information about the data; contact Julie K. Sueker; Exponent Environmental Group; 4940 Pearl East Circle Ste. 300; Boulder CO 80301 (Tel. 970-444-7270). For information on the park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 97 -586-1206). Data were uploaded to STORET by Margaret Matter; NPS-WRD; 1201 Oak Ridge Dr. Ste. 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0444

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/19/93-10/20/94	26	12.5	14.962	27.	10.	25.558	5.056	10.7	11.	17.25	23.9
00403	PH, LAB, STANDARD UNITS SU	07/19/93-10/20/94	26	6.9	6.85	7.1	6.5	0.018	0.133	6.67	6.8	6.9	7.
00403	CONVERTED PH, LAB, STANDARD UNITS	07/19/93-10/20/94	26	6.9	6.829	7.1	6.5	0.018	0.135	6.67	6.8	6.9	7.
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/19/93-10/20/94	26	0.126	0.148	0.316	0.079	0.003	0.052	0.1	0.126	0.158	0.215
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/19/93-10/20/94	26	73.45	83.119	129.7	63.3	426.201	20.645	63.98	67.725	91.825	123.19
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/19/93-10/20/94	26	0.1	0.125	0.3	0.05	0.006	0.079	0.06	0.068	0.2	0.3
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/19/93-10/20/94	26	1.3	1.819	4.4	1.	0.938	0.968	1.1	1.1	2.125	3.86
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/19/93-10/20/94	26	3.1	3.654	6.9	2.1	2.031	1.425	2.17	2.75	4.025	6.22
46552	CALCIUM,FIELD ACIDIFIED W/HNO3 LAB FILTER(MG/L)	07/19/93-10/20/94	26	1.195	1.49	2.58	1.05	0.255	0.505	1.087	1.118	1.683	2.412
46554	MAGNESIUM,FIELD ACIDIFIED-HNO3-LAB FILT(MG/L-MG)	07/19/93-10/20/94	26	0.31	0.39	0.69	0.26	0.02	0.142	0.277	0.28	0.463	0.653
46555	POTASSIUM,FIELD ACIDIFIED-HNO3-LAB FILT.(MG/L-K))	07/19/93-10/20/94	26	0.215	0.245	0.39	0.15	0.005	0.068	0.177	0.19	0.31	0.343
46556	SODIUM, FIELD ACIDIFIED W/HNO3, LAB FILTERED MG/L	07/19/93-10/20/94	26	0.695	0.802	1.58	0.52	0.087	0.295	0.534	0.59	0.938	1.395
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/19/93-10/20/94	26	0.4	0.523	1.8	0.06	0.15	0.387	0.067	0.3	0.7	1.09

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0444

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	26	0	0.00	19	0	0.00	3	0	0.00	4	0	0.00			
		Other-Lo Lim.	6.5	26	1	0.04	19	1	0.05	3	0	0.00	4	0	0.00			
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	26	26	1.00	19	19	1.00	3	3	1.00	4	4	1.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	26	0	0.00	19	0	0.00	3	0	0.00	4	0	0.00			
		Drinking Water	250.	26	0	0.00	19	0	0.00	3	0	0.00	4	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	26	0	0.00	19	0	0.00	3	0	0.00	4	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	26	0	0.00	19	0	0.00	3	0	0.00	4	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0445

NPS Station ID: ROMO0445 LAT/LON: 40.350837/-105.664198 Agency: 11NPSWRD Date Created: 07/24/99
Location: BIG THOMPSON RIVER ABOVE SPRUCE CREEK FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): ROMO_WNS_BTRS
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI RIVER Elevation: 0 Water Body Id:
Minor Basin: SOUTH PLATTE RIVER ECO Region:
RF1 Index: 10190006 RF1 Mile Point: 0.000 Distance from RF1: 12.40 On/Off RF1:
RF3 Index: 10190007002218.40 RF3 Mile Point: 18.39 Distance from RF3: 0.57 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MCHENRYS PEAK CO 7.5' (TOPO.) SERIES QUADRANGLE. THE SITE IS AT THE BIG THOMPSON RIVER ABOVE SPRUCE CREEK AND IS LOCATED IN ROCKY MOUNTAIN NATIONAL PARK. WATER QUALITY DATA WAS COLLECTED FOR THE BIG THOMPSON RIVER AS PART OF A FIELD INVESTIGATION CONDUCTED IN PREPARATION FOR NOMINATING IT AS A WILD AND SCENIC RIVER. THE HERITAGE CONSERVATION AND RECREATION SERVICE; NOW PART OF THE NATIONAL PARK SERVICE; CONDUCTED THE STUDY AND THE NPS PREPARED THE FINAL REPORT. FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 120 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0445

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/14/76-09/27/76	2	6.25	6.25	6.5	6.	0.125	0.354	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/14/76-09/27/76	2	0.5	0.5	1.	0.	0.5	0.707	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/14/76-09/27/76	2	9.	9.	9.	9.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	09/14/76-09/27/76	2	6.75	6.75	7.1	6.4	0.245	0.495	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/14/76-09/27/76	2	6.622	6.622	7.1	6.4	0.278	0.527	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/14/76-09/27/76	2	0.239	0.239	0.398	0.079	0.051	0.225	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/27/76-09/27/76	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/14/76-09/27/76	2	4.5	4.5	5.	4.	0.5	0.707	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/14/76-09/27/76	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/14/76-09/27/76	2	0.	0.	0.	0.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/14/76-09/27/76	2	2.5	2.5	5.	0.	12.5	3.536	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/14/76-09/27/76	2	0.349	0.349	0.699	0.	0.244	0.494	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.236								
50887	STD PLATE COUNT,PLATE COUNT AGAR, 35C 48HR #/100G	09/14/76-09/27/76	2	260.	260.	270.	250.	200.	14.142	**	**	**	**
61214	FECAL STREPTOCOCCI, GENERAL #/100ML	09/14/76-09/27/76	2	0.	0.	0.	0.	0.	0.	**	**	**	**
61215	FECAL COLIFORM, GENERAL #/100ML	09/14/76-09/27/76	2	1.	1.	2.	0.	2.	1.414	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0445

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	2	0	0.00	2	0	0.00									
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	2	0	0.00	2	0	0.00									
00403	PH, LAB	Fresh Chronic	9.	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	1	0.50	2	1	0.50									
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00	2	0	0.00									
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	0	0.00	2	0	0.00									
61215	FECAL COLIFORM, GENERAL #/100ML	Other-Hi	Lim. 200.				2	0		0.00		2		0	0	.00		

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0446

NPS Station ID: ROMO0446 LAT/LON: 40.353809/-105.583726 Agency: 11NPSWRD Date Created: 06/12/99
Location: BIG THOMPSON RIVER NEAR MAILBOX JUNCTION FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): ROMO_JR_CAP20
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI RIVER Elevation: 0 Water Body Id:
Minor Basin: SOUTH PLATTE RIVER ECO Region:
RF1 Index: 10190006 RF1 Mile Point: 0.000 Distance from RF1: 12.40 On/Off RF1:
RF3 Index: 10190007002218.40 RF3 Mile Point: 18.39 Distance from RF3: 0.57 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE LONGS PEAK CO 7.5' SERIES (TOPO.) QUADRANGLE. THE SITE IS LOCATED AT BIG THOMPSON RIVER NEAR MAILBOX JUNCTION AND IS WITHIN ROCKY MOUNTAIN NATIONAL PARK. THE DATA ARE FROM ANNUAL CAPSHELL SNAIL MONITORING PROGRAM REPORTS BY JOHN RIEBESELL OF THE DEPARTMENT OF NATURAL RESOURCES AT THE UNIVERSITY OF MICHIGAN IN DEARBORN MI. TTHE REPORTS SUMMARIZED POPULATION DATA AND WATER QUALITY CHARACTERISTICS OF THE HABITAT OF CAPSHELL SNAILS; A CANDIDATE FOR LISTING UNDER THE FEDERAL ENDANGERED SPECIES ACT. FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0446

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/03/96-07/03/96	1	13.3	13.3	13.3	13.3	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: ROMO0447

NPS Station ID: ROMO0447 LAT/LON: 40.353892/-105.583615 Agency: 112WRD Date Created: 04/29/95
Location: BIG THOMPSON BL MORAIN PARK NR ESTES PARK, CO FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 402114105350101
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: RF1 Mile Point: 0.000 Distance from RF1: 12.40 On/Off RF1:
RF3 Index: 10190007002218.40 RF3 Mile Point: 18.39 Distance from RF3: 0.57 On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0447

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00004	STREAM WIDTH (FEET)	10/04/95-07/15/96	11	32.	25.364	39.	8.	197.455	14.052	8.	9.	38.	38.8
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	01/04/95-07/15/96	21	5.6	5.252	13.3	0.	21.061	4.589	0.	0.	8.95	12.3
00025	BAROMETRIC PRESSURE (MM OF HG)	12/14/95-07/15/96	9	575.	573.444	577.	568.	9.278	3.046	568.	571.	576.	577.
00061	FLOW, STREAM, INSTANTANEOUS CFS	01/04/95-07/15/96	22	22.5	103.273	491.	1.	21316.779	146.003	2.3	4.75	141.75	414.8
00065	STAGE, STREAM (FEET)	10/04/95-07/15/96	11	4.44	4.516	5.6	3.83	0.394	0.627	3.836	3.9	5.01	5.56
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	01/04/95-07/15/96	21	27.	24.619	34.	13.	45.948	6.778	14.	19.	30.5	33.6
00300	OXYGEN, DISSOLVED MG/L	01/04/95-07/15/96	21	9.7	9.6	12.	7.9	0.904	0.951	8.4	8.85	10.2	10.7
00400	PH (STANDARD UNITS)	01/04/95-07/15/96	21	6.7	6.752	7.1	6.4	0.028	0.166	6.52	6.7	6.85	7.
00400	CONVERTED PH (STANDARD UNITS)	01/04/95-07/15/96	21	6.7	6.723	7.1	6.4	0.029	0.169	6.52	6.7	6.85	7.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/95-07/15/96	21	0.2	0.189	0.398	0.079	0.005	0.074	0.1	0.142	0.2	0.303
00403	PH, LAB, STANDARD UNITS SU	01/04/95-10/04/95	11	7.5	7.4	7.9	6.6	0.182	0.427	6.68	7.	7.8	7.88
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/95-10/04/95	11	7.5	7.198	7.9	6.6	0.227	0.476	6.68	7.	7.8	7.88
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/95-10/04/95	11	0.032	0.063	0.251	0.013	0.005	0.071	0.013	0.016	0.1	0.221
00418	ALKALINITY,CARBONATE,INCREMENTAL TIT.USGS LAB MG/L	01/04/95-07/15/96	19	7.	7.211	12.	4.	4.699	2.168	4.7	5.	9.	10.
00452	CARBONATE,WATER,DISS,INCR TIT, FIELD, AS CO3, MG/L	10/04/95-01/11/96	3	0.	0.	0.	0.	0.	0.	**	**	**	**
00453	BICARBONATE,WATER,DISS,INCR TIT,FIELD,AS HCO3,MG/L	10/04/95-07/15/96	10	6.5	6.7	12.	4.	6.9	2.627	4.	4.	8.25	11.7
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	01/04/95-07/15/96	21 ##	0.008	0.013	0.03	0.008	0.	0.008	0.008	0.008	0.02	0.028
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	01/04/95-07/15/96	21 ##	0.005	0.006	0.03	0.005	0.	0.006	0.005	0.005	0.005	0.009
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	01/04/95-07/15/96	21 ##	0.1	0.114	0.2	0.1	0.001	0.036	0.1	0.1	0.1	0.2
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/04/95-07/15/96	21 ##	0.1	0.152	0.4	0.1	0.009	0.093	0.1	0.1	0.2	0.3
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/04/95-07/15/96	21	0.1	0.105	0.2	0.05	0.002	0.042	0.062	0.08	0.1	0.2
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/04/95-07/15/96	21	0.01	0.013	0.03	0.005	0.	0.008	0.005	0.005	0.02	0.02
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	01/04/95-07/15/96	21 ##	0.005	0.01	0.03	0.005	0.	0.008	0.005	0.005	0.02	0.02
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/04/95-07/15/96	21 ##	0.005	0.006	0.01	0.005	0.	0.002	0.005	0.005	0.005	0.01
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	01/04/95-10/04/95	11	1.9	3.382	7.7	1.3	6.558	2.561	1.3	1.4	6.3	7.56
00689	CARBON, SUSPENDED ORGANIC (MG/L AS C)	01/04/95-10/04/95	11	0.2	0.264	0.4	0.1	0.011	0.103	0.12	0.2	0.4	0.4
00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/04/95-10/04/95	11	2.2	2.091	3.1	1.2	0.423	0.65	1.22	1.4	2.7	3.04
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/04/95-10/04/95	11	0.6	0.555	0.8	0.3	0.037	0.192	0.3	0.4	0.8	0.8
00930	SODIUM, DISSOLVED (MG/L AS NA)	01/04/95-10/04/95	11	1.2	1.282	2.	0.7	0.222	0.471	0.7	0.9	1.7	1.96
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/04/95-10/04/95	11	0.3	0.336	0.6	0.2	0.015	0.121	0.2	0.2	0.4	0.56
00940	CHLORIDE,TOTAL IN WATER MG/L	01/04/95-10/04/95	11	0.2	0.245	0.6	0.05	0.03	0.174	0.05	0.1	0.3	0.58
00945	SULFATE, TOTAL (MG/L AS SO4)	01/04/95-10/04/95	11	1.	1.809	4.	0.9	1.181	1.087	0.92	1.	3.	3.8
00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/04/95-10/04/95	11 ##	0.05	0.082	0.2	0.05	0.002	0.046	0.05	0.05	0.1	0.18
00955	SILICA, DISSOLVED (MG/L AS SI02)	01/04/95-10/04/95	11	5.5	5.209	7.5	2.8	2.909	1.706	2.86	3.7	7.	7.48
01046	IRON, DISSOLVED (UG/L AS FE)	01/04/95-10/04/95	11	150.	160.818	280.	99.	3141.364	56.048	99.2	100.	190.	266.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	01/04/95-10/04/95	11	9.	9.182	16.	5.	14.564	3.816	5.	6.	12.	15.4
39086	ALKALINITY,WATER,DISS,INCR TIT,FIELD,AS CACO3,MG/L	10/04/95-07/15/96	10	5.	5.4	10.	3.	5.378	2.319	3.	3.	7.	9.7
49261	ALPHA-BHC,D6, WET WT.,TISSUE,WHOLE ORG,RECV %	08/20/96-08/20/96	1	79.	79.	79.	79.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: ROMO0447

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
49264	BIPHENYL,3,5-DICHLORO-,WET WT,TISS,WHL ORG,RECV %	08/20/96-08/20/96	1	92.	92.	92.	92.	0.	0.	**	**	**	**
49289	LIPIDS, WET WEIGHT, TISSUE, WHOLE ORGANISM,RECV %	08/20/96-08/20/96	1	4.6	4.6	4.6	4.6	0.	0.	**	**	**	**
49353	ALDRIN,WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	08/20/96-08/20/96	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
49354	PCB, WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	08/20/96-08/20/96	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
49355	TOXAPHENE, WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	08/20/96-08/20/96	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
49356	PENTACHLOROANISOLE,WET WT,TISS,WHOLE ORG,RECVUG/KG	08/20/96-08/20/96	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
49357	OXYCHLORDANE,WET WT,TISSUE,WHOLE ORG,RECV UG/KG	08/20/96-08/20/96	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
49358	NONACHLOR,TRANS-,WET WT,TISS,WHOLE ORG,RECV UG/KG	08/20/96-08/20/96	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
49359	NONACHLOR,CIS-,WET WT,TISS,WHOLE ORG,RECV UG/KG	08/20/96-08/20/96	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
49360	MIREX,WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	08/20/96-08/20/96	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
49361	METHOXYCHLOR,P,P'-,WET WT,TISS,WHOLE ORG,RECVUG/KG	08/20/96-08/20/96	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
49362	METHOXYCHLOR,O,P'-,WET WT,TISS,WHOLE ORG,RECVUG/KG	08/20/96-08/20/96	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
49363	LINDANE,WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	08/20/96-08/20/96	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
49364	DELTA-BHC,WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	08/20/96-08/20/96	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
49365	BETA-BHC,WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	08/20/96-08/20/96	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
49366	ALPHA-BHC,WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	08/20/96-08/20/96	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
49367	HEXACHLOROBENZENE,WET WT,TISS,WHOLE ORG,RECV UG/KG	08/20/96-08/20/96	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
49368	HEPTACHLOR EPOXIDE,WET WT,TISS,WHOLE ORG,RECVUG/KG	08/20/96-08/20/96	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
49369	HEPTACHLOR,WET WT,TISSUE,WHOLE ORG,RECV UG/KG	08/20/96-08/20/96	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
49370	ENDRIN,WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	08/20/96-08/20/96	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
49371	DIELDRIN,WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	08/20/96-08/20/96	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
49372	DDE,P,P',WET WT,TISSUE,WHOLE ORG,RECV UG/KG	08/20/96-08/20/96	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
49373	DDE,O,P'-,WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	08/20/96-08/20/96	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
49374	DDD,O,P'-,WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	08/20/96-08/20/96	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
49375	DDD,P,P'-,WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	08/20/96-08/20/96	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
49376	DDT,P,P',WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	08/20/96-08/20/96	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
49377	DDT,O,P',WET WT,TISSUE,WHOLE ORG,RECV UG/KG	08/20/96-08/20/96	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
49378	DCPA,WET WEIGHT,TISSUE,WHOLE ORG,RECV UG/KG	08/20/96-08/20/96	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
49379	CHLORDANE,TRANS-,WET WT,TISS,WHOLE ORG,RECV UG/KG	08/20/96-08/20/96	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
49380	CHLORDANE,CIS-,WET WEIGHT,TISS,WHOLE ORG,RECVUG/KG	08/20/96-08/20/96	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/04/95-10/04/95	11	21.	21.818	38.	10.	69.764	8.352	10.2	15.	28.	36.
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	01/04/95-01/11/96	15	67.	65.667	100.	37.	261.667	16.176	39.4	63.	76.	88.
72104	SAMPLE LOCATION, DISTANCE DOWNSTREAM (FEET)	07/15/96-07/15/96	1	10.	10.	10.	10.	0.	0.	**	**	**	**
72105	SAMPLE LOCATION, DISTANCE UPSTREAM (FEET)	06/17/96-06/17/96	1	0.	0.	0.	0.	0.	0.	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	01/04/95-01/11/96	15	5.	5.	11.	0.	11.857	3.443	0.	2.	8.	10.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0447

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	21	0	0.00	8	0	0.00	9	0	0.00	4	0	0.00			
00400	PH	Fresh Chronic	9.	21	0	0.00	8	0	0.00	9	0	0.00	4	0	0.00			
		Other-Lo Lim.	6.5	21	2	0.10	8	0	0.00	9	1	0.11	4	1	0.25			
00403	PH, LAB	Fresh Chronic	9.	11	0	0.00	6	0	0.00	3	0	0.00	2	0	0.00			
		Other-Lo Lim.	6.5	11	0	0.00	6	0	0.00	3	0	0.00	2	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	21	0	0.00	8	0	0.00	9	0	0.00	4	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	21	0	0.00	8	0	0.00	9	0	0.00	4	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	11	0	0.00	6	0	0.00	3	0	0.00	2	0	0.00			
		Drinking Water	250.	11	0	0.00	6	0	0.00	3	0	0.00	2	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	11	0	0.00	6	0	0.00	3	0	0.00	2	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	11	0	0.00	6	0	0.00	3	0	0.00	2	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0448

NPS Station ID: ROMO0448 LAT/LON: 40.353892/-105.583726 Agency: 11NPSWRD Date Created: 08/21/99
Location: Big Thompson R. in Moraine Park at Old NPS Gage FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): ROMO_JS_BTRMP
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI RIVER Elevation: 2446 Water Body Id:
Minor Basin: SOUTH PLATTE RIVER ECO Region:
RF1 Index: 10190006 RF1 Mile Point: 0.000 Distance from RF1: 12.40 On/Off RF1:
RF3 Index: 10190007002218.40 RF3 Mile Point: 18.39 Distance from RF3: 0.57 On/Off RF3:
Description:
The station is located on the Longs Peak CO 7.5' (topographic) series quadrangle in Rocky Mountain National Park. The station is located at an old NPS gage on the Big Thompson River at the east end of Moraine Park. The data originated from a University of Colorado dissertation entitled "Isotopic and Chemical Flowpath Separation of Streamflow During Snowmelt and Hydrogeological Controls of Surface-Water Chemistry in Six Alpine-Subalpine Basins; Rocky Mountain National Park; Colorado" 1996 by Julie K. Sueker. Sueker also contributed other data that weren't included in her dissertation. For more information about the data; contact Julie K. Sueker; Exponent Environmental Group; 4940 Pearl East Circle Ste. 300; Boulder CO 80301 (Tel. 970-444-7270). For information on the park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 97 -586-1206). Data were uploaded to STORET by Margaret Matter; NPS-WRD; 1201 Oak Ridge Dr. Ste. 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0448

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/17/93-11/01/94	49	15.	17.959	34.	11.	52.04	7.214	11.	12.	20.	33.
00403	PH, LAB, STANDARD UNITS SU	02/17/93-11/01/94	49	6.9	6.937	7.3	6.6	0.025	0.159	6.8	6.8	7.	7.2
00403	CONVERTED PH, LAB, STANDARD UNITS	02/17/93-11/01/94	49	6.9	6.91	7.3	6.6	0.026	0.161	6.8	6.8	7.	7.2
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	02/17/93-11/01/94	49	0.126	0.123	0.251	0.05	0.002	0.043	0.063	0.1	0.158	0.158
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	02/17/93-11/01/94	49	90.7	108.947	234.8	67.4	1995.821	44.675	74.3	79.3	116.45	192.3
00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/21/93-11/01/94	48	0.1	0.182	0.5	0.05	0.023	0.152	0.06	0.08	0.2	0.5
00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/21/93-11/01/94	48	1.55	2.069	8.2	0.09	2.311	1.52	1.	1.1	2.35	4.37
00955	SILICA, DISSOLVED (MG/L AS SI02)	02/17/93-11/01/94	49	3.7	4.276	8.3	2.	3.124	1.768	2.5	2.85	5.3	7.3
46552	CALCIUM,FIELD ACIDIFIED W/HNO3 LAB FILTER(MG/L)	02/17/93-11/01/94	49	1.55	1.818	3.99	1.07	0.51	0.714	1.18	1.27	2.11	2.97
46554	MAGNESIUM,FIELD ACIDIFIED-HNO3-LAB FILT(MG/L-MG)	02/17/93-11/01/94	49	0.38	0.47	1.19	0.26	0.048	0.22	0.28	0.3	0.56	0.84
46555	POTASSIUM,FIELD ACIDIFIED-HNO3-LAB FILT.(MG/L-K))	02/17/93-11/01/94	49	0.28	0.309	0.73	0.15	0.018	0.135	0.18	0.205	0.365	0.51
46556	SODIUM, FIELD ACIDIFIED W/HNO3, LAB FILTERED MG/L	02/17/93-11/01/94	49	0.81	1.014	2.23	0.52	0.227	0.476	0.59	0.685	1.22	1.86
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	03/21/93-11/01/94	48	0.3	0.307	0.6	0.	0.033	0.182	0.003	0.2	0.4	0.51

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0448

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	49	0	0.00	29	0	0.00	7	0	0.00	13	0	0.00			
		Other-Lo Lim.	6.5	49	0	0.00	29	0	0.00	7	0	0.00	13	0	0.00			
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	49	46	0.94	29	29	1.00	7	4	0.57	13	13	1.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	48	0	0.00	29	0	0.00	6	0	0.00	13	0	0.00			
		Drinking Water	250.	48	0	0.00	29	0	0.00	6	0	0.00	13	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	48	0	0.00	29	0	0.00	6	0	0.00	13	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	48	0	0.00	29	0	0.00	6	0	0.00	13	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0449

NPS Station ID: ROMO0449 | LAT/LON: 40.353892/-105.583892 | Agency: 11NPSWRD | Date Created: 06/18/99
Location: 105793/C04273 | FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): ROMO_NURE_204 /1073979 /1118457
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006 | Depth of Water: 0 | Aquifer:
Major Basin: MISSOURI RIVER | Elevation: 0 | Water Body Id:
Minor Basin: SOUTH PLATTE RIVER | ECO Region:
RF1 Index: 10190006 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE LONGS PEAK CO 7.5' SERIES (TOPOGRAPHIC) QUAD. THE SITE IS AT A STREAM WITHIN ROCKY MOUNTAIN NATIONAL PARK (ROMO). EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN ONE WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE U.S. GEOLOGICAL SURVEY "NATIONAL GEOCHEMICAL DATA BASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND KIM BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. "UNIQID" ENTRIES WERE USED TO CREATE THE SECONDARY STATION NAMES. "LASLID" ENTRIES WERE USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LABORATORY. FOR MORE INFORMATION ABOUT THE PARK CONTACT NATURAL RESOURCES AT ROMO; ESTES PARK; CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AT NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS; CO 80525 (TEL. 970-225-3556).

Parameter Inventory for Station: ROMO0449

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/21/76-09/21/76	1	11.5	11.5	11.5	11.5	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/21/76-09/21/76	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/21/76-09/21/76	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/21/76-09/21/76	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/21/76-09/21/76	1	0.398	0.398	0.398	0.398	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/21/76-09/21/76	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0449

Parameter				Total	Exceed	Prop.	6/10-10/31			11/01-4/10			4/11-6/09			n/a		
		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0450

NPS Station ID: ROMO0450 LAT/LON: 40.354059/-105.629253 Agency: 11NPSWRD Date Created: 07/24/99
Location: BIG THOMPSON RIVER ABOVE MORAINE PARK FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): ROMO_WNS_BTRM
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI RIVER Elevation: 0 Water Body Id:
Minor Basin: SOUTH PLATTE RIVER ECO Region:
RF1 Index: 10190006 RF1 Mile Point: 0.000 Distance from RF1: 12.40 On/Off RF1:
RF3 Index: 10190007002218.40 RF3 Mile Point: 18.39 Distance from RF3: 0.57 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MCHENRYS PEAK CO 7.5' (TOPO.) SERIES QUADRANGLE. THE SITE IS AT THE BIG THOMPSON RIVER ABOVE MORAINE PARK AND IS LOCATED IN ROCKY MOUNTAIN NATIONAL PARK. WATER QUALITY DATA WAS COLLECTED FOR THE BIG THOMPSON RIVER AS PART OF A FIELD INVESTIGATION CONDUCTED IN PREPARATION FOR NOMINATING IT AS A WILD AND SCENIC RIVER. THE HERITAGE CONSERVATION AND RECREATION SERVICE; NOW PART OF THE NATIONAL PARK SERVICE; CONDUCTED THE STUDY AND THE NPS PREPARED THE FINAL REPORT. FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 120 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0450

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/21/76-09/28/76	2	6.25	6.25	6.5	6.	0.125	0.354	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/21/76-09/28/76	2	1.	1.	1.	1.	0.	0.	**	**	**	**
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE MG/L	09/21/76-09/28/76	2	9.	9.	9.	9.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	09/21/76-09/28/76	2	4.95	4.95	6.9	3.	7.605	2.758	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/21/76-09/28/76	2	3.301	3.301	6.9	3.	13.044	3.612	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/21/76-09/28/76	2	500.063	500.063	1000.	0.126	499874.115	707.018	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/21/76-09/28/76	2 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/21/76-09/28/76	2	6.5	6.5	7.	6.	0.5	0.707	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/21/76-09/28/76	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/21/76-09/28/76	2	0.	0.	0.	0.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/21/76-09/28/76	2	12.5	12.5	20.	5.	112.5	10.607	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/21/76-09/28/76	2	1.	1.	1.301	0.699	0.181	0.426	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			10.								
50887	STD PLATE COUNT,PLATE COUNT AGAR, 35C 48HR #/100G	09/21/76-09/28/76	2	275.	275.	380.	170.	22050.	148.492	**	**	**	**
61214	FECAL STREPTOCOCCI, GENERAL #/100ML	09/21/76-09/28/76	2	0.	0.	0.	0.	0.	0.	**	**	**	**
61215	FECAL COLIFORM, GENERAL #/100ML	09/21/76-09/28/76	2	1.	1.	2.	0.	2.	1.414	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	09/21/76-09/28/76	2	3.5	3.5	3.5	3.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0450

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	2	0	0.00	2	0	0.00									
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	2	0	0.00	2	0	0.00									
00403	PH, LAB	Fresh Chronic	9.	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	1	0.50	2	1	0.50									
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00	2	0	0.00									
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	2	0	0.00	2	0	0.00									
61215	FECAL COLIFORM, GENERAL #/100ML	Other-Hi	Lim.	200.			2	0		0.00		2		0	0	.00		

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0451

NPS Station ID: ROMO0451 LAT/LON: 40.354448/-105.633337 Agency: 112WRD Date Created: 07/08/95
Location: BIG THOMPSON AB MORAINE PARK NR ESTES PARK, CO FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 402116105380001
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: RF1 Mile Point: 0.000 Distance from RF1: 12.40 On/Off RF1:
RF3 Index: 10190007002218.40 RF3 Mile Point: 18.39 Distance from RF3: 0.57 On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0451

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/05/95-06/12/95	2	4.25	4.25	4.6	3.9	0.245	0.495	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/05/95-06/12/95	2	91.5	91.5	170.	13.	12324.5	111.016	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/05/95-06/12/95	2	26.	26.	31.	21.	50.	7.071	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/05/95-06/12/95	2	9.9	9.9	10.4	9.4	0.5	0.707	**	**	**	**
00400	PH (STANDARD UNITS)	05/05/95-06/12/95	2	6.65	6.65	6.7	6.6	0.005	0.071	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/05/95-06/12/95	2	6.647	6.647	6.7	6.6	0.005	0.071	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/05/95-06/12/95	2	0.225	0.225	0.251	0.2	0.001	0.037	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	01/04/95-06/12/95	3	6.9	6.767	7.1	6.3	0.173	0.416	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	01/04/95-06/12/95	3	6.9	6.628	7.1	6.3	0.202	0.45	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	01/04/95-06/12/95	3	0.126	0.236	0.501	0.079	0.053	0.231	**	**	**	**
00418	ALKALINITY,CARBONATE,INCREMENTAL TIT.USGS LAB MG/L	05/05/95-06/12/95	2	7.45	7.45	8.8	6.1	3.645	1.909	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	01/04/95-06/12/95	3 ##	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	01/04/95-06/12/95	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	01/04/95-06/12/95	3	0.3	0.233	0.3	0.1	0.013	0.115	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/04/95-06/12/95	3 ##	0.1	0.167	0.3	0.1	0.013	0.115	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	01/04/95-06/12/95	3	0.09	0.153	0.3	0.07	0.016	0.127	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/04/95-06/12/95	3 ##	0.005	0.01	0.02	0.005	0.	0.009	**	**	**	**
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	01/04/95-06/12/95	3 ##	0.005	0.01	0.02	0.005	0.	0.009	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	01/04/95-06/12/95	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	01/04/95-06/12/95	3	7.3	5.733	8.6	1.3	15.163	3.894	**	**	**	**
00689	CARBON, SUSPENDED ORGANIC (MG/L AS C)	01/04/95-06/12/95	3	0.2	0.167	0.2	0.1	0.003	0.058	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/04/95-06/12/95	3	2.1	2.4	3.	2.1	0.27	0.52	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/04/95-06/12/95	3	0.6	0.633	0.8	0.5	0.023	0.153	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	01/04/95-06/12/95	3	1.4	1.367	1.7	1.	0.123	0.351	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	01/04/95-06/12/95	3	0.3	0.333	0.4	0.3	0.003	0.058	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	01/04/95-06/12/95	3	0.3	0.4	0.7	0.2	0.07	0.265	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	01/04/95-06/12/95	3	2.	2.667	4.	2.	1.333	1.155	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	01/04/95-06/12/95	3 ##	0.05	0.1	0.2	0.05	0.008	0.087	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	01/04/95-06/12/95	3	5.7	6.2	7.6	5.3	1.51	1.229	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	01/04/95-06/12/95	3	92.	78.667	120.	24.	2437.333	49.369	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	01/04/95-06/12/95	3	1.	1.167	2.	0.5	0.583	0.764	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/04/95-06/12/95	3	27.	29.667	41.	21.	105.333	10.263	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0451

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2	0	0.00	1	0	0.00				1	0	0.00			
00400	PH	Fresh Chronic	9.	2	0	0.00	1	0	0.00				1	0	0.00			
		Other-Lo Lim.	6.5	2	0	0.00	1	0	0.00				1	0	0.00			
00403	PH, LAB	Fresh Chronic	9.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Other-Lo Lim.	6.5	3	1	0.33	1	1	1.00	1	0	0.00	1	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
		Drinking Water	250.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0452

NPS Station ID: ROMO0452 | LAT/LON: 40.354698/-105.631392 | Agency: 11NPSWRD | Date Created: 06/18/99
Location: 105421/C04090 | FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): ROMO_NURE_193 /1073833 /1118311
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006 | Depth of Water: 0 | Aquifer:
Major Basin: MISSOURI RIVER | Elevation: 0 | Water Body Id:
Minor Basin: SOUTH PLATTE RIVER | ECO Region:
RF1 Index: 10190006 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MCHENRYS PEAK CO 7.5' SERIES (TOPO.) QUAD. THE SITE IS AT A STREAM WITHIN ROCKY MOUNTAIN NATIONAL PARK (ROMO). EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN ONE WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE U.S. GEOLOGICAL SURVEY "NATIONAL GEOCHEMICAL DATA BASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND KIM BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. "UNIQID" ENTRIES WERE USED TO CREATE THE SECONDARY STATION NAMES. "LASLID" ENTRIES WERE USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LABORATORY. FOR MORE INFORMATION ABOUT THE PARK CONTACT NATURAL RESOURCES AT ROMO; ESTES PARK; CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AT NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS; CO 80525 (TEL. 970-225-3556).

Parameter Inventory for Station: ROMO0452

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/24/76-09/24/76	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/76-09/24/76	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/24/76-09/24/76	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/24/76-09/24/76	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/24/76-09/24/76	1	0.158	0.158	0.158	0.158	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/24/76-09/24/76	1	0.57	0.57	0.57	0.57	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0452

Parameter				Total	Exceed	Prop.	6/10-10/31			11/01-4/10			4/11-6/09			n/a		
		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0453

NPS Station ID: ROMO0453 | LAT/LON: 40.354698/-105.638116 | Agency: 11NPSWRD | Date Created: 06/18/99
Location: 105420/C04089 | FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): ROMO_NURE_195 /1073832 /1118310
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006 | Depth of Water: 0 | Aquifer:
Major Basin: MISSOURI RIVER | Elevation: 0 | Water Body Id:
Minor Basin: SOUTH PLATTE RIVER | ECO Region:
RF1 Index: 10190006 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE MCHENRYS PEAK CO 7.5' SERIES (TOPO.) QUAD. THE SITE IS AT A STREAM WITHIN ROCKY MOUNTAIN NATIONAL PARK (ROMO). EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN ONE WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE U.S. GEOLOGICAL SURVEY "NATIONAL GEOCHEMICAL DATA BASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND KIM BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. "UNIQID" ENTRIES WERE USED TO CREATE THE SECONDARY STATION NAMES. "LASLID" ENTRIES WERE USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LABORATORY. FOR MORE INFORMATION ABOUT THE PARK CONTACT NATURAL RESOURCES AT ROMO; ESTES PARK; CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AT NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS; CO 80525 (TEL. 970-225-3556).

Parameter Inventory for Station: ROMO0453

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/24/76-09/24/76	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/76-09/24/76	1	25.	25.	25.	25.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/24/76-09/24/76	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/24/76-09/24/76	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/24/76-09/24/76	1	0.251	0.251	0.251	0.251	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/24/76-09/24/76	1	0.61	0.61	0.61	0.61	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0453

Parameter				Total	Exceed	Prop.	6/10-10/31			11/01-4/10			4/11-6/09			n/a		
		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0454

NPS Station ID: ROMO0454 | LAT/LON: 40.356392/-105.853892 | Agency: 11NPSWRD | Date Created: 06/18/99
Location: 106071/C04502 | FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): ROMO_NURE_216 /1074155 /1118633
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14010001 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: UPPER COLORADO RIVER | ECO Region:
RF1 Index: 14010001 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE GRAND LAKE CO 7.5' SERIES (TOPOGRAPHIC) QUAD. THE SITE IS AT A STREAM WITHIN ROCKY MOUNTAIN NATIONAL PARK (ROMO). EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN ONE WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE U.S. GEOLOGICAL SURVEY "NATIONAL GEOCHEMICAL DATA BASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND KIM BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. "UNIQID" ENTRIES WERE USED TO CREATE THE SECONDARY STATION NAMES. "LASLID" ENTRIES WERE USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LABORATORY. FOR MORE INFORMATION ABOUT THE PARK CONTACT NATURAL RESOURCES AT ROMO; ESTES PARK; CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AT NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS; CO 80525 (TEL. 970-225-3556).

Parameter Inventory for Station: ROMO0454

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/23/76-09/23/76	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/23/76-09/23/76	1	75.	75.	75.	75.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/23/76-09/23/76	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/23/76-09/23/76	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/23/76-09/23/76	1	0.251	0.251	0.251	0.251	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/23/76-09/23/76	1	0.64	0.64	0.64	0.64	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0454

Parameter				Total	Exceed	Prop.	6/10-10/31			11/01-4/10			4/11-6/09			n/a		
		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0455

NPS Station ID: ROMO0455
LAT/LON: 40.356753/-105.606310
Agency: 11NPSWRD
Date Created: 04/03/99
Location: BIG THOMPSON SITE 3
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_NPS_BT3
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
THE STATION IS LOCATED AT THE LONGS PEAK CO 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT THE BIG THOMPSON RIVER AS IT FLOWS THROUGH MEADOWLAND OF MORAINE PARK AND IS WITHIN THE BOUNDARY OF ROCKY MOUNTAIN NATIONAL PARK. THE DATA ARE FROM A BASELINE WATER QUALITY STUDY REPORT (OCTOBER 1981) BY LISA BUINSMA OF COLORADO STATE UNIVERSITY; FORT COLLINS CO. BASELINE WATER QUALITY DATA WERE COLLECTED FROM THE BIG THOMPSON AND FALL RIVERS; TWO LARGE AND HEAVILY USED WATERSHEDS IN ROCKY MOUNTAIN NATIONAL PARK; IN ORDER TO DETERMINE WATER QUALITY IN THE TWO WATERSHEDS AND THE NEED FOR FUTURE MONITORING. FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: ROMO0455

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/21/81-08/24/81	16	12.	12.688	19.	10.	7.696	2.774	10.	10.25	13.75	18.3
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/21/81-08/24/81	16	58.5	76.813	210.	14.	3880.296	62.292	15.4	34.5	118.25	208.6
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	07/21/81-08/24/81	16	1.767	1.755	2.322	1.146	0.127	0.356	1.187	1.535	2.056	2.319
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			56.939								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	07/21/81-08/24/81	16	5.5	10.	35.	2.	98.933	9.947	2.	4.	13.	32.2
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	07/21/81-08/24/81	16	0.739	0.838	1.544	0.301	0.141	0.375	0.301	0.602	1.11	1.507
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			6.883								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	07/21/81-08/24/81	12	515.	577.917	940.	280.	61605.902	248.205	292.	352.5	849.	935.5
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	07/21/81-08/24/81	12	2.709	2.724	2.973	2.447	0.036	0.19	2.465	2.546	2.929	2.971
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			530.061								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0455

				Total	Exceed	Prop.	----------6/10-10/31----------			----------11/01-4/10----------			----------4/11-6/09----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	16	0	0.00	16	0	0.00									
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	16	0	0.00	16	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0456

NPS Station ID: ROMO0456 LAT/LON: 40.356865/-105.609449 Agency: 11NPSWRD Date Created: 06/12/99
Location: BIG THOMPSON RIVER OPP. CAMPGROUND TR. FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): ROMO_JR_CAP03
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI RIVER Elevation: 0 Water Body Id:
Minor Basin: SOUTH PLATTE RIVER ECO Region:
RF1 Index: 10190006 RF1 Mile Point: 0.000 Distance from RF1: 12.40 On/Off RF1:
RF3 Index: 10190007002218.40 RF3 Mile Point: 18.39 Distance from RF3: 0.57 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE LONGS PEAK CO 7.5' SERIES (TOPO.) QUADRANGLE. THE SITE IS LOCATED AT THE BIG THOMPSON RIVER OPPOSITE THE CAMPGROUND TRAIL AND IS WITHIN ROCKY MOUNTAIN NATIONAL PARK. THE DATA ARE FROM ANNUAL CAPSHELL SNAIL MONITORING PROGRAM REPORTS BY JOHN RIEBESELL OF THE DEPARTMENT OF NATURAL RESOURCES AT THE UNIVERSITY OF MICHIGAN IN DEARBORN MI. TTHE REPORTS SUMMARIZED POPULATION DATA AND WATER QUALITY CHARACTERISTICS OF THE HABITAT OF CAPSHELL SNAILS; A CANDIDATE FOR LISTING UNDER THE FEDERAL ENDANGERED SPECIES ACT. FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0456

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/03/96-07/03/96	1	11.	11.	11.	11.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: ROMO0457

NPS Station ID: ROMO0457 | LAT/LON: 40.358115/-105.866392 | Agency: 11NPSWRD | Date Created: 06/18/99
Location: 106072/C04503 | FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): ROMO_NURE_213 /1074156 /1118634
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14010001 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: UPPER COLORADO RIVER | ECO Region:
RF1 Index: 14010001 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE GRAND LAKE CO 7.5' SERIES (TOPOGRAPHIC) QUAD. THE SITE IS AT A STREAM WITHIN ROCKY MOUNTAIN NATIONAL PARK (ROMO). EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN ONE WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE U.S. GEOLOGICAL SURVEY "NATIONAL GEOCHEMICAL DATA BASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND KIM BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. "UNIQID" ENTRIES WERE USED TO CREATE THE SECONDARY STATION NAMES. "LASLID" ENTRIES WERE USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LABORATORY. FOR MORE INFORMATION ABOUT THE PARK CONTACT NATURAL RESOURCES AT ROMO; ESTES PARK; CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AT NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS; CO 80525 (TEL. 970-225-3556).

Parameter Inventory for Station: ROMO0457

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/23/76-09/23/76	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/23/76-09/23/76	1	28.	28.	28.	28.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/23/76-09/23/76	1	6.2	6.2	6.2	6.2	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/23/76-09/23/76	1	6.2	6.2	6.2	6.2	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/23/76-09/23/76	1	0.631	0.631	0.631	0.631	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/23/76-09/23/76	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0457

Parameter				Total	Exceed	Prop.	6/10-10/31			11/01-4/10			4/11-6/09			n/a		
		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0458

NPS Station ID: ROMO0458 | LAT/LON: 40.358309/-105.555309 | Agency: 11NPSWRD | Date Created: 06/18/99
Location: 105791/C04271 | FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): ROMO_NURE_007 /1073978 /1118456
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 10190006 | Depth of Water: 0 | Aquifer:
Major Basin: MISSOURI RIVER | Elevation: 0 | Water Body Id:
Minor Basin: SOUTH PLATTE RIVER | ECO Region:
RF1 Index: 10190006 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE "LONGS PEAK COLORADO" 7.5 MINUTE SERIES QUADRANGLE. THE SITE IS AT A STREAM OUTSIDE OF ROCKY MOUNTAIN NATIONAL PARK. EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO ONE WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATA BASE: "NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SOIL; STREAM SEDIMENT; SURFACE WATER; AND GROUND WATER DATA. "UNIQID" FIELD ENTRIES WERE USED TO CREATE THE SECONDARY STATION NAMES. THE "LASLID" FIELD ENTRIES (LAB SAMPLE NUMBERS) WERE USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LAB. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND KELLI O'CONNOR; NATIONAL PARK SERVICE WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0458

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/21/76-09/21/76	1	11.5	11.5	11.5	11.5	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/21/76-09/21/76	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/21/76-09/21/76	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/21/76-09/21/76	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/21/76-09/21/76	1	0.398	0.398	0.398	0.398	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/21/76-09/21/76	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0458

				Total	Exceed	Prop.	6/10-10/31			11/01-4/10			4/11-6/09			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0459

NPS Station ID: ROMO0459
LAT/LON: 40.358616/-105.867226
Agency: 112WRD
Date Created: 11/18/75
Location: YCC CAMP-BAKER GULCH
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 402131105520200
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14010001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14010001
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 14010001014000.00
RF3 Mile Point: 4.36
Distance from RF3: 0.60
On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0459

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/05/74-08/05/74	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/05/74-08/05/74	1	70.	70.	70.	70.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/05/74-08/05/74	1	29.	29.	29.	29.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/05/74-08/05/74	1	35.	35.	35.	35.	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/05/74-08/05/74	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/05/74-08/05/74	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/05/74-08/05/74	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/05/74-08/05/74	1	41.	41.	41.	41.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/05/74-08/05/74	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/05/74-08/05/74	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/05/74-08/05/74	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/05/74-08/05/74	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/05/74-08/05/74	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	08/05/74-08/05/74	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/05/74-08/05/74	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/05/74-08/05/74	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/05/74-08/05/74	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/05/74-08/05/74	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/05/74-08/05/74	1	5.7	5.7	5.7	5.7	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/05/74-08/05/74	1	30.	30.	30.	30.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/05/74-08/05/74	1	100.	100.	100.	100.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/05/74-08/05/74	1	54.	54.	54.	54.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/05/74-08/05/74	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0459

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0460

NPS Station ID: ROMO0460 LAT/LON: 40.359726/-105.870004 Agency: 21COL001 Date Created: 08/01/98
Location: BAKER GULCH IN ROCKY MTN. NATIONAL PARK FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 12119
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 14010001 Depth of Water: 0 Aquifer:
Major Basin: UPPER COLORADO Elevation: 9000 Water Body Id:
Minor Basin: UPPER COLORADO ECO Region:
RF1 Index: 14010001 RF1 Mile Point: 0.000 Distance from RF1: 12.40 On/Off RF1:
RF3 Index: 10190007002218.40 RF3 Mile Point: 18.39 Distance from RF3: 0.57 On/Off RF3:
Description:
WHERE BAKER/BOWEN TRAIL CROSSES BAKER GLCH APPROX. .75 MI FROM TRAILHEAD AT THE COLORADO RIVER
APPROX. 4 MI. N. OF THE TOWN OF GRAND LAKE

Parameter Inventory for Station: ROMO0460

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/30/96-09/09/97	4	6.25	6.425	8.3	4.9	3.009	1.735	**	**	**	**
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	06/12/97-09/09/97	3	19.	20.333	25.	17.	17.333	4.163	**	**	**	**
00021	TEMPERATURE, AIR (DEGREES FAHRENHEIT)	09/30/96-09/30/96	1	66.4	66.4	66.4	66.4	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/30/96-09/09/97	4	9.6	9.575	9.6	9.5	0.002	0.05	**	**	**	**
00400	PH (STANDARD UNITS)	09/30/96-09/09/97	4	7.	6.975	7.	6.9	0.002	0.05	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/30/96-09/09/97	4	7.	6.973	7.	6.9	0.003	0.05	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/30/96-09/09/97	4	0.1	0.106	0.126	0.1	0.	0.013	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/30/96-09/09/97	3	30.	30.	40.	20.	100.	10.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	09/30/96-09/09/97	4 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/30/96-09/09/97	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	09/30/96-09/09/97	4 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/30/96-09/09/97	4 ##	0.01	0.011	0.02	0.003	0.	0.008	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/30/96-09/09/97	4	32.	30.75	39.	20.	72.917	8.539	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/30/96-09/09/97	4	9.	8.875	15.	2.5	32.063	5.662	**	**	**	**
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	09/30/96-09/09/97	4	22.5	26.25	42.	18.	118.917	10.905	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	09/30/96-09/09/97	4 ##	0.5	0.625	1.	0.5	0.063	0.25	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	09/30/96-09/09/97	4 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	09/30/96-09/09/97	4 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	09/30/96-09/09/97	4 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/30/96-09/09/97	4 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	09/30/96-09/09/97	4 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	09/30/96-09/09/97	4 ##	4.	12.25	37.	4.	272.25	16.5	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	09/30/96-09/09/97	4 ##	0.5	1.	2.5	0.5	1.	1.	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/30/96-09/09/97	3 ##	1.5	2.333	4.	1.5	2.083	1.443	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	09/30/96-09/09/97	3 ##	0.176	0.318	0.602	0.176	0.06	0.246	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			2.08								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/30/96-09/09/97	4	52.	92.25	230.	35.	8540.25	92.413	**	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	09/30/96-09/09/97	4 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0460

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	4	0	0.00	4	0	0.00									
00400	PH	Fresh Chronic	9.	4	0	0.00	4	0	0.00									
		Other-Lo Lim.	6.5	4	0	0.00	4	0	0.00									
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	4	0	0.00	4	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	4	0	0.00	4	0	0.00									
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	4	0	0.00	4	0	0.00									
		Drinking Water	50.	4	0	0.00	4	0	0.00									
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	4	0	0.00	4	0	0.00									
		Drinking Water	5.	4	0	0.00	4	0	0.00									
01040	COPPER, DISSOLVED	Fresh Acute	18.	4	0	0.00	4	0	0.00									
		Drinking Water	1300.	4	0	0.00	4	0	0.00									
01049	LEAD, DISSOLVED	Fresh Acute	82.	4	0	0.00	4	0	0.00									
		Drinking Water	15.	4	0	0.00	4	0	0.00									
01075	SILVER, DISSOLVED	Fresh Acute	4.1	4	0	0.00	4	0	0.00									
		Drinking Water	100.	4	0	0.00	4	0	0.00									
01090	ZINC, DISSOLVED	Fresh Acute	120.	4	0	0.00	4	0	0.00									
		Drinking Water	5000.	4	0	0.00	4	0	0.00									
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	4	0	0.00	4	0	0.00									
		Drinking Water	50.	4	0	0.00	4	0	0.00									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	3	0	0.00	3	0	0.00									
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	4	0	0.00	4	0	0.00									
		Drinking Water	2.	4	0	0.00	4	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0461

NPS Station ID: ROMO0461
LAT/LON: 40.362504/-105.558337
Agency: 1117S030
Date Created: / /
Location: NPS HOUSING AREA STP OUTFALL
FIPS State/County: 08000 COLORADO/
Station Type: /TYPA/MUN/TREATD/OUTFL/STREAM
STORET Station ID(s): 070643
RMI-Indexes: 1021500 009490 07090 1070 1540 1180
Within Park Boundary: Yes
RMI-Miles: 1149.40 0595.20 309.00 260.40 061.60 000.70
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006013
RF1 Mile Point: 2.020
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 10190005001122.51
RF3 Mile Point: 26.31
Distance from RF3: 0.36
On/Off RF3:
Description:
U.S. NATIONAL PARK SERVICE HOUSING AND UTILITY AREA SEWAGE TREATMENT PLANT OUTFALL
PLANT DATA (FROM SOUTH PLATTE RIVER BASIN PROJECT STUDY AUG 1966): TYPE TREATMENT: SECONDARY (TRICKLING FILTER)
POPULATION SERVED: 150 CHLORINATION FACILITIES: YES
LOCATION: OUTFALL DISCHARGES TO BEAVER BROOK. AREA IS LOCATED 2 MILES WEST OF ESTES PARK.

Parameter Inventory for Station: ROMO0461

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/14/66-08/24/66	4	17.	16.75	17.	16.	0.25	0.5	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/14/66-08/24/66	4	498.5	467.75	510.	364.	4901.583	70.011	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	07/14/66-08/24/66	4	157.	188.	299.	139.	5698.	75.485	**	**	**	**
00400	PH (STANDARD UNITS)	07/14/66-08/24/66	4	7.3	7.225	7.4	6.9	0.056	0.236	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/14/66-08/24/66	4	7.289	7.173	7.4	6.9	0.059	0.244	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/14/66-08/24/66	4	0.051	0.067	0.126	0.04	0.002	0.041	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/14/66-08/24/66	4	32.5	49.25	104.	28.	1344.917	36.673	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/14/66-08/24/66	4	28.5	43.25	91.	25.	1020.25	31.941	**	**	**	**
00545	RESIDUE, SETTLEABLE (ML/L)	07/14/66-08/24/66	4	0.1	1.563	6.	0.05	8.752	2.958	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/14/66-08/24/66	3	33000.	26443.333	46000.	330.	553679633.333	23530.398	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	07/14/66-08/24/66	3	4.519	3.9	4.663	2.519	1.436	1.199	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			7941.976								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/14/66-08/24/66	3	700.	669.333	1300.	8.	418021.333	646.546	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/14/66-08/24/66	3	2.845	2.287	3.114	0.903	1.455	1.206	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			193.81								
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	07/14/66-08/23/66	2	2.7	2.7	3.2	2.2	0.5	0.707	**	**	**	**
50050	FLOW, IN CONDUIT OR THRU A TREATMENT PLANT MGD	07/14/66-08/24/66	4	0.011	0.011	0.011	0.011	0.	0.	**	**	**	**
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	07/14/66-07/14/66	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
50084	BOD, PLANT EFFLUENT, 5 DAY, 20 DEG C MG/L	07/14/66-08/24/66	4	72.	103.75	232.	39.	7874.917	88.741	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0461

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	4	0	0.00	4	0	0.00									
		Other-Lo Lim.	6.5	4	0	0.00	4	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	3	2	0.67	3	2	0.67									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	3	2	0.67	3	2	0.67									
50060	CHLORINE, TOTAL RESIDUAL	Fresh Acute	0.019	1	1	1.00	1	1	1.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0462

NPS Station ID: ROMO0462 | LAT/LON: 40.370615/-105.609199 | Agency: 11NPSWRD | Date Created: 06/18/99
Location: 105408/C04077 | FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): ROMO_NURE_201 /1073823 /1118301
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006 | Depth of Water: 0 | Aquifer:
Major Basin: MISSOURI RIVER | Elevation: 0 | Water Body Id:
Minor Basin: SOUTH PLATTE RIVER | ECO Region:
RF1 Index: 10190006 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE LONGS PEAK CO 7.5' SERIES (TOPOGRAPHIC) QUAD. THE SITE IS AT A STREAM WITHIN ROCKY MOUNTAIN NATIONAL PARK (ROMO). EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN ONE WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE U.S. GEOLOGICAL SURVEY "NATIONAL GEOCHEMICAL DATA BASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND KIM BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. "UNIQID" ENTRIES WERE USED TO CREATE THE SECONDARY STATION NAMES. "LASLID" ENTRIES WERE USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LABORATORY. FOR MORE INFORMATION ABOUT THE PARK CONTACT NATURAL RESOURCES AT ROMO; ESTES PARK; CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AT NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS; CO 80525 (TEL. 970-225-3556).

Parameter Inventory for Station: ROMO0462

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/23/76-09/23/76	1	15.2	15.2	15.2	15.2	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/23/76-09/23/76	1	38.	38.	38.	38.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/23/76-09/23/76	1	6.2	6.2	6.2	6.2	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/23/76-09/23/76	1	6.2	6.2	6.2	6.2	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/23/76-09/23/76	1	0.631	0.631	0.631	0.631	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/23/76-09/23/76	1	1.85	1.85	1.85	1.85	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0462

Parameter				Total	Exceed	Prop.	6/10-10/31			11/01-4/10			4/11-6/09			n/a		
		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0463

NPS Station ID: ROMO0463
LAT/LON: 40.372226/-105.880559
Agency: 113FORS2
Date Created: 03/09/79
Location: JOE WRIGHT ABOVE CULVERT #1
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): FS021005705030N
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14010001
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 14010001
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 10190007005808.02
RF3 Mile Point: 8.02
Distance from RF3: 0.02
On/Off RF3:
Description:
STATION IS LOCATED APPROXIMATELY 4.4 MILES SW OF CHAMBERS LAKE ON STATE HIGHWAY #14 ABOVE JOE WRIGHT RES AT CULVERT; T7N, R76W, SECTION 24 SE 1/4, ROOSEVELT NATIONAL FOREST, ELEV. 9980, DRAINAGE AREA 3.2 SQ MILES. STATION WAS ESTABLISHED IN 1978 TO DEVELOP BASELINE VALUES FOR THE MONITORING OF IMPACTS OF UPSTREAM AND LAND MANAGEMENT ACTIV- ITIES. SAMPLING INVOLVED TRANSECT AND DEPTH INTREGRATED TECHNIQUES WITH ANALYSIS BY FOREST LAB IN FT COLLINS, COLO. FREQUENCY OF SAMPLING IS 1-2 TIMES/WEEK DURING SPRING, SUMMER AND FALL. WATER USED DOWNSTREAM FOR IRRIGATION, DOMESTIC AND OTHER PURPOSES. DATA MAIN- TAINED BY HYDROLOGIST @ SUPERVISOR'S OFFICE IN FT COLLINS, COLO. 303 482 5155.J

Parameter Inventory for Station: ROMO0463

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00004	STREAM WIDTH (FEET)	06/12/78-10/05/79	50	19.	19.64	22.	19.	0.766	0.875	19.	19.	20.	21.
00061	FLOW, STREAM, INSTANTANEOUS CFS	06/12/78-10/05/79	51	9.	11.588	38.	2.	78.767	8.875	2.2	5.	16.	23.8
00065	STAGE, STREAM (FEET)	06/12/78-10/05/79	51	7.05	7.093	8.1	6.1	0.288	0.536	6.41	6.7	7.4	8.03
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	05/25/79-10/05/79	49	0.18	0.622	7.97	0.008	1.561	1.249	0.02	0.075	0.595	1.88
80225	BEDLOAD SEDIMENT DISCHARGE (TONS/DAY)	05/25/79-08/02/79	15	0.06	0.089	0.55	0.001	0.019	0.137	0.002	0.02	0.09	0.328

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: ROMO0464

NPS Station ID: ROMO0464
LAT/LON: 40.372281/-105.882227
Agency: 11NPSWRD
Date Created: 08/28/99
Location: Grand Ditch at 10300 ft. Outside Park
FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_SM_UCGDOUT
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 14010001
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 0
Water Body Id:
Minor Basin: UPPER COLORADO RIVER
ECO Region:
RF1 Index: 14010001
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the Bowen Mountain CO 7.5' U.S. Geological Survey (topographic) quadrangle just outside Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0464

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	1	49.	49.	49.	49.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/31/81-07/31/81	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	1	443.	443.	443.	443.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0464

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0465

NPS Station ID: ROMO0465 | LAT/LON: 40.373309/-105.917504 | Agency: 11NPSWRD | Date Created: 06/18/99
Location: 105302/C04033 | FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): ROMO_NURE_156 /1073781 /1118259
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 14010001 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: UPPER COLORADO RIVER | ECO Region:
RF1 Index: 14010001 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE "BOWEN MOUNTAIN COLORADO" 7.5 MINUTE SERIES QUADRANGLE. THE SITE IS AT A STREAM OUTSIDE OF ROCKY MOUNTAIN NATIONAL PARK. EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO ONE WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATA BASE: "NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SOIL; STREAM SEDIMENT; SURFACE WATER; AND GROUND WATER DATA. "UNIQID" FIELD ENTRIES WERE USED TO CREATE THE SECONDARY STATION NAMES. THE "LASLID" FIELD ENTRIES (LAB SAMPLE NUMBERS) WERE USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LAB. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND KELLI O'CONNOR; NATIONAL PARK SERVICE WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0465

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/24/76-09/24/76	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/76-09/24/76	1	84.	84.	84.	84.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/24/76-09/24/76	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/24/76-09/24/76	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/24/76-09/24/76	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/24/76-09/24/76	1	1.03	1.03	1.03	1.03	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0465

Parameter				Total	Exceed	Prop.	6/10-10/31			11/01-4/10			4/11-6/09			n/a		
		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0466

NPS Station ID: ROMO0466 | LAT/LON: 40.374170/-105.795837 | Agency: 12WLS1 | Date Created: 09/03/88
Location: TIMBER LAKE | FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): 4E1-057
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14010001 | Depth of Water: 9 | Aquifer:
Major Basin: | Elevation: 0 | Water Body Id:
Minor Basin: | ECO Region:
RF1 Index: 14010001 | RF1 Mile Point: 0.000 | Distance from RF1: 7.20 | On/Off RF1:
RF3 Index: 14010001027500.00 | RF3 Mile Point: 0.00 | Distance from RF3: 0.03 | On/Off RF3:
Description:
THIS DATA WAS COLLECTED DURING THE WESTERN LAKE SURVEY-PHASE I (WLS-I) AS PART OF EPA'S NATIONAL SURFACE WATER SURVEY, AQUATIC EFFECTS RESEARCH PROGRAM. THE SURVEY DESIGN, METHODS, AND DATA LIMITATIONS ARE DESCRIBED IN:
LANDERS, D.H., ET AL. 1987. CHARACTERISTICS OF LAKES IN THE WESTERN UNITED STATES. VOL. I. POPULATION DESCRIPTIONS AND PHYSICO-CHEMICAL RELATIONSHIPS. EPA/600/4-86/054A. U.S. ENVIRON. PROT. AGENCY, WASHINGTON, D.C. 176 PP.
THE DATA PRESENTED HERE ARE THOSE REPORTED IN LANDERS ET AL. (1987) WITH THE FOLLOWING EXCEPTIONS: (1) UNITS FOR CHEMICAL PARAMETERS ARE TYPICALLY IN MG/L RATHER THAN MICROEQ/L; (2) NO SUBSTITUTED VALUES ARE PROVIDED FOR SUSPECT DATA; (3) TAGS AND FLAGS USED TO IDENTIFY SUSPICIOUS DATA ARE NOT SHOWN; AND (4) CALCULATED OR DERIVED VARIABLES ARE EXCLUDED.

Parameter Inventory for Station: ROMO0466

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/85-10/04/85	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/04/85-10/04/85	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	10/04/85-10/04/85	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/04/85-10/04/85	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00154	SULFATE (AS S) WHOLE WATER, MG/L	10/04/85-10/04/85	1	2.276	2.276	2.276	2.276	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	10/04/85-10/04/85	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/04/85-10/04/85	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/04/85-10/04/85	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	10/04/85-10/04/85	1	54.1	54.1	54.1	54.1	0.	0.	**	**	**	**
00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	10/04/85-10/04/85	1	13.6	13.6	13.6	13.6	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/04/85-10/04/85	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	10/04/85-10/04/85	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00910	CALCIUM (MG/L AS CACO3)	10/04/85-10/04/85	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/04/85-10/04/85	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/04/85-10/04/85	1	0.78	0.78	0.78	0.78	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/04/85-10/04/85	1	0.34	0.34	0.34	0.34	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/04/85-10/04/85	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/04/85-10/04/85	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/04/85-10/04/85	1	2.9	2.9	2.9	2.9	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/04/85-10/04/85	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	10/04/85-10/04/85	1	20.	20.	20.	20.	0.	0.	**	**	**	**
70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	10/04/85-10/04/85	1	0.026	0.026	0.026	0.026	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: ROMO0466

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/04/85-10/04/85	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
71885	IRON (UG/L AS FE)	10/04/85-10/04/85	1	46.	46.	46.	46.	0.	0.	**	**	**	**
72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	10/04/85-10/04/85	1	11066.8	11066.8	11066.8	11066.8	0.	0.	**	**	**	**
82047	DEPTH TO THE TOP OF THE SAMPLING INTERVAL (METERS)	10/04/85-10/04/85	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/04/85-10/04/85	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0466

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00154	SULFATE (AS S) WHOLE WATER	Drinking Water	250.	1	0	0.00	1	0	0.00									
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0467

NPS Station ID: ROMO0467
LAT/LON: 40.374448/-105.620560
Agency: 112WRD
Date Created: 11/07/81
Location: BEAVER BROOK NEAR ESTES PARK, CO.
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 06732300
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 10190006012
RF1 Mile Point: 6.170
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 10190006003400.63
RF3 Mile Point: 5.26
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0467

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	04/12/68-10/16/70	19	6.	4.895	10.	0.	12.933	3.596	0.	0.5	9.	9.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: ROMO0468

NPS Station ID: ROMO0468 | LAT/LON: 40.374531/-105.796199 | Agency: 11NPSWRD | Date Created: 06/12/99
Location: TIMBER LAKE | FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): ROMO_JR_CAP53
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14010001 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: UPPER COLORADO RIVER | ECO Region:
RF1 Index: 14010001 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE GRAND LAKE CO 7.5' SERIES (TOPO.) QUADRANGLE. THE SITE IS LOCATED AT TIMBER LAKE AND IS WITHIN ROCKY MOUNTAIN NATIONAL PARK. THE DATA ARE FROM ANNUAL CAPSHELL SNAIL MONITORING PROGRAM REPORTS BY JOHN RIEBESELL OF THE DEPARTMENT OF NATURAL RESOURCES AT THE UNIVERSITY OF MICHIGAN IN DEARBORN MI. TTHE REPORTS SUMMARIZE POPULATION DATA AND WATER QUALITY CHARACTERISTICS OF THE HABITAT OF CAPSHELL SNAILS; A CANDIDATE FOR LISTING UNDER THE FEDERAL ENDANGERED SPECIES ACT. FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0468

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/29/97-07/29/97	1	10.	10.	10.	10.	0.	0.	**	**	**	**
70975	TEMPERATURE, WATER,DAILY MINIMUM DEG C	07/17/96-07/17/96	1	13.4	13.4	13.4	13.4	0.	0.	**	**	**	**
70976	TEMPERATURE, WATER,DAILY MAXIMUM DEG C	07/17/96-07/17/96	1	16.	16.	16.	16.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: ROMO0469

NPS Station ID: ROMO0469 | LAT/LON: 40.374980/-105.482669 | Agency: 1118EPA8 | Date Created: 10/05/77
Location: UPPER THOMPSON SAN DIST ESTES PK | FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/MUN/TREATD/OUTFL/STREAM | STORET Station ID(s): CO-0031844-1
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 10190006 | Depth of Water: 0 | Aquifer:
Major Basin: MISSOURI RIVER | Elevation: 0 | Water Body Id:
Minor Basin: SOUTH PLATTE RIVER | ECO Region:
RF1 Index: 10190006009 | RF1 Mile Point: 4.660 | Distance from RF1: 30.60 | On/Off RF1: ON
RF3 Index: 10190006009500.00 | RF3 Mile Point: 0.29 | Distance from RF3: 0.05 | On/Off RF3:
Description:
DISCHARGE 001 PIPE TO BIG THOMPSON RIVER LATITUDE AND LONGITUDE COORDINATES FOR THIS STATION WERE CORRECTED BY THE NATIONAL PARK SERVICE WATER RESOURCES DIVISION FOR INCLUSION IN THIS BASELINE WATER QUALITY DATA INVENTORY AND ANALYSIS REPORT. THE AGENCY RESPONSIBLE FOR THE STATION WAS INFORMED OF THE NEED TO ALSO MAKE THE CORRECTIONS IN STORET.

Parameter Inventory for Station: ROMO0469

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/08/77-03/16/83	3	14.	10.833	14.	4.5	30.083	5.485	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	06/08/77-03/15/83	3	6.2	7.1	10.	5.1	6.61	2.571	**	**	**	**
00400	PH (STANDARD UNITS)	06/08/77-09/27/78	2	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/08/77-09/27/78	2	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/08/77-09/27/78	2	0.316	0.316	0.316	0.316	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/08/77-03/15/83	3	9.	8.667	10.	7.	2.333	1.528	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/27/78-03/15/83	2 ##	0.06	0.06	0.07	0.05	0.	0.014	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/08/77-09/27/78	2	4.83	4.83	6.54	3.12	5.848	2.418	**	**	**	**
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	03/16/83-03/16/83	1	44000.	44000.	44000.	44000.	0.	0.	**	**	**	**
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	03/16/83-03/16/83	1	4.643	4.643	4.643	4.643	0.	0.	**	**	**	**
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			44000.								
50050	FLOW, IN CONDUIT OR THRU A TREATMENT PLANT MGD	06/08/77-03/16/83	3	0.5	0.611	0.873	0.46	0.052	0.228	**	**	**	**
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	03/16/83-03/16/83	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0469

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	2	0	0.00	1	0	0.00				1	0	0.00			
		Other-Lo Lim.	6.5	2	2	1.00	1	1	1.00				1	1	1.00			
31503	COLIFORM,TOT,MEMBRANE FILTR,DELAY. M-END	Other-Hi Lim.	1000.	1	1	1.00				1	1	1.00						
50060	CHLORINE, TOTAL RESIDUAL	Fresh Acute	0.019	1	1	1.00				1	1	1.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0470

NPS Station ID: ROMO0470
LAT/LON: 40.375005/-105.486948
Agency: 112WRD
Date Created: / /
Location: OLYMPUS TUNNEL AT LAKE ESTES, CO.
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 06734900
RMI-Indexes: 1021500 009490 07090 1070 1540
Within Park Boundary: No
RMI-Miles: 1149.40 0595.20 309.00 260.40 057.70
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 10190006011
RF1 Mile Point: 15.940
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 10190007000500.09
RF3 Mile Point: 0.79
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0470

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/70-03/10/97	228	6.	7.274	21.	0.	28.623	5.35	1.5	2.	12.	15.5
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	04/20/83-07/31/86	29	-7.	9.034	26.	-18.	140.392	11.849	0.	5.5	21.5	26.
00025	BAROMETRIC PRESSURE (MM OF HG)	04/20/83-03/10/97	82	580.	578.659	625.	555.	77.092	8.78	570.	575.	582.	585.
00060	FLOW, STREAM, MEAN DAILY CFS	12/14/70-09/12/74	41	500.	421.598	575.	0.	19873.765	140.974	210.	400.	500.	550.
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/09/74-03/10/97	165	498.	423.903	587.	1.	23989.222	154.885	200.	391.	550.	574.
00065	STAGE, STREAM (FEET)	09/28/83-03/10/97	49	5.9	5.68	7.94	0.31	3.534	1.88	3.32	4.04	7.075	7.7
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/70-03/10/97	229	50.	46.646	95.	17.	249.21	15.786	25.	32.	60.	65.
00300p	OXYGEN, DISSOLVED MG/L	09/02/70-03/10/97	226	8.8	8.917	14.8	6.4	1.487	1.219	7.37	8.	9.8	10.4
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	05/17/88-05/17/88	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400p	PH (STANDARD UNITS)	09/02/70-03/10/97	222	7.4	7.425	8.8	6.3	0.183	0.428	6.9	7.2	7.7	7.9
00400p	CONVERTED PH (STANDARD UNITS)	09/02/70-03/10/97	222	7.4	7.225	8.8	6.3	0.223	0.472	6.9	7.2	7.7	7.9
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/02/70-03/10/97	222	0.04	0.06	0.501	0.002	0.005	0.072	0.013	0.02	0.063	0.126
00403	PH, LAB, STANDARD UNITS SU	11/19/80-03/10/97	109	7.6	7.61	8.5	7.	0.104	0.323	7.2	7.4	7.8	8.
00403	CONVERTED PH, LAB, STANDARD UNITS	11/19/80-03/10/97	109	7.6	7.504	8.5	7.	0.115	0.34	7.2	7.4	7.8	8.
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/19/80-03/10/97	109	0.025	0.031	0.1	0.003	0.	0.022	0.01	0.016	0.04	0.063
00405	CARBON DIOXIDE (MG/L AS CO2)	09/18/75-09/19/79	40	1.	1.325	7.9	0.2	1.658	1.288	0.4	0.6	1.675	2.59
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/18/75-10/07/80	61	20.	18.23	30.	4.	42.013	6.482	7.2	13.5	23.	25.
00440	BICARBONATE ION (MG/L AS HCO3)	09/18/75-12/20/78	39	26.	24.128	36.	7.	52.009	7.212	12.	20.	30.	32.
00445	CARBONATE ION (MG/L AS CO3)	09/18/75-12/20/78	39	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	03/13/89-03/10/97	23	0.02	0.024	0.08	0.005	0.	0.018	0.005	0.01	0.03	0.05
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/18/75-11/19/92	156	0.03	0.048	0.23	0.	0.002	0.048	0.005	0.01	0.07	0.113
00613p	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/18/75-03/10/97	168 ##	0.005	0.008	0.22	0.	0.	0.017	0.005	0.005	0.01	0.01
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	04/28/81-11/19/92	8 ##	0.005	0.005	0.01	0.	0.	0.003	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/18/75-11/18/81	71	0.09	0.12	2.1	0.	0.061	0.248	0.01	0.04	0.14	0.188
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	04/28/81-04/28/81	1	0.12	0.12	0.12	0.12	0.	0.	**	**	**	**
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	04/05/77-08/21/86	2	0.6	0.6	1.	0.2	0.32	0.566	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/21/86-03/10/97	24	0.3	0.275	0.6	0.1	0.018	0.133	0.1	0.2	0.375	0.45
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/07/80-11/19/92	14	0.05	0.067	0.24	0.	0.004	0.06	0.01	0.025	0.093	0.18
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/18/75-03/10/97	170	0.05	0.091	2.3	0.	0.033	0.182	0.03	0.05	0.1	0.2
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/18/79-07/12/79	4	0.075	0.068	0.09	0.03	0.001	0.029	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	09/18/75-09/19/79	44	0.03	0.031	0.21	0.	0.002	0.045	0.	0.	0.03	0.09
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	09/18/75-03/10/97	168	0.02	0.061	5.	0.005	0.15	0.387	0.01	0.02	0.03	0.05
00666p	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/13/78-03/10/97	134	0.01	0.016	0.09	0.	0.	0.015	0.005	0.005	0.02	0.035
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/18/75-03/10/97	67 ##	0.005	0.01	0.07	0.	0.	0.012	0.005	0.005	0.01	0.02
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/18/75-03/23/83	89	20.	18.978	39.	5.	37.954	6.161	9.	15.	24.	25.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/18/75-02/25/81	65	1.	1.615	10.	0.	4.459	2.112	0.	0.	3.	5.
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	09/18/75-03/10/97	170	5.8	5.375	9.6	1.5	3.087	1.757	2.6	4.	6.625	7.49
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/18/75-03/10/97	170	1.1	1.082	3.7	0.1	0.169	0.411	0.51	0.875	1.3	1.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: ROMO0470

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00930p	SODIUM, DISSOLVED (MG/L AS NA)	09/18/75-03/10/97	170	2.	2.018	4.7	0.9	0.299	0.547	1.3	1.6	2.3	2.6
00931	SODIUM ADSORPTION RATIO	09/18/75-03/23/83	89	0.2	0.212	0.4	0.2	0.001	0.036	0.2	0.2	0.2	0.3
00932	SODIUM, PERCENT	09/18/75-03/23/83	89	19.	19.674	34.	13.	15.949	3.994	15.	17.	21.	27.
00933	SODIUM,PLUS POTASSIUM (MG/L)	07/12/79-03/10/80	9	2.7	2.544	3.1	1.7	0.278	0.527	1.7	2.	3.	3.1
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	09/18/75-03/10/97	169	0.7	0.684	1.8	0.05	0.048	0.218	0.4	0.6	0.8	0.9
00940p	CHLORIDE,TOTAL IN WATER MG/L	09/18/75-03/10/97	170	0.6	0.673	3.	0.05	0.167	0.409	0.3	0.5	0.8	1.
00945p	SULFATE, TOTAL (MG/L AS SO4)	09/18/75-03/10/97	170	4.	4.225	14.	0.7	4.3	2.074	2.	3.	5.	6.9
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	09/18/75-03/10/97	168	0.1	0.142	0.4	0.	0.004	0.061	0.1	0.1	0.2	0.2
00955p	SILICA, DISSOLVED (MG/L AS SI02)	09/18/75-03/10/97	170	4.5	4.532	10.	2.4	1.172	1.083	3.3	3.8	5.	5.88
01005	BARIUM, DISSOLVED (UG/L AS BA)	03/13/89-03/10/97	23	6.	5.391	8.	3.	2.067	1.438	3.	4.	6.	7.6
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	03/13/89-03/10/97	23 ##	0.25	0.25	0.25	0.25	0.	0.	0.25	0.25	0.25	0.25
01020	BORON, DISSOLVED (UG/L AS B)	03/13/89-03/10/97	23 ##	5.	5.261	10.	2.	2.656	1.63	4.4	5.	5.	8.
01025	CADMIUM, DISSOLVED (UG/L AS CD)	03/13/89-03/10/97	23 ##	0.5	0.717	2.	0.5	0.269	0.518	0.5	0.5	0.5	2.
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	03/13/89-03/10/97	23 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
01035	COBALT, DISSOLVED (UG/L AS CO)	03/13/89-03/10/97	23 ##	1.5	1.5	1.5	1.5	0.	0.	1.5	1.5	1.5	1.5
01040	COPPER, DISSOLVED (UG/L AS CU)	03/13/89-03/10/97	23 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01046p	IRON, DISSOLVED (UG/L AS FE)	09/18/75-03/10/97	170	75.5	84.894	280.	13.	2371.882	48.702	33.2	51.75	100.	150.
01049	LEAD, DISSOLVED (UG/L AS PB)	03/13/89-03/10/97	23 ##	5.	5.652	10.	5.	2.964	1.722	5.	5.	5.	10.
01055	MANGANESE, TOTAL (UG/L AS MN)	11/12/96-03/10/97	2 ##	12.5	12.5	20.	5.	112.5	10.607	**	**	**	**
01056p	MANGANESE, DISSOLVED (UG/L AS MN)	09/18/75-03/10/97	170	5.	5.962	39.	0.5	36.275	6.023	1.	3.	6.	13.9
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	03/13/89-03/10/97	23 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01065	NICKEL, DISSOLVED (UG/L AS NI)	03/13/89-03/10/97	23 ##	5.	5.217	10.	5.	1.087	1.043	5.	5.	5.	5.
01075	SILVER, DISSOLVED (UG/L AS AG)	03/13/89-03/10/97	23 ##	0.5	0.804	2.	0.5	0.335	0.579	0.5	0.5	1.	2.
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	03/13/89-03/10/97	23	33.	30.435	51.	11.	151.257	12.299	12.4	20.	40.	46.6
01085	VANADIUM, DISSOLVED (UG/L AS V)	03/13/89-03/10/97	23 ##	3.	3.	3.	3.	0.	0.	3.	3.	3.	3.
01090	ZINC, DISSOLVED (UG/L AS ZN)	03/13/89-03/10/97	23	4.	6.391	18.	1.5	27.794	5.272	1.5	1.5	12.	14.
01130	LITHIUM, DISSOLVED (UG/L AS LI)	03/13/89-03/10/97	23 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/02/70-07/11/88	152	52.5	370.421	13000.	0.	1331061.719	1153.716	2.	12.	306.5	976.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/02/70-07/11/88	152	1.72	1.698	4.114	-0.301	0.997	0.999	0.301	1.079	2.486	2.989
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			49.934								
31504	COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,35C	10/03/88-10/03/88	1	18.	18.	18.	18.	0.	0.	**	**	**	**
31504	LOG COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,	10/03/88-10/03/88	1	1.255	1.255	1.255	1.255	0.	0.	**	**	**	**
31504	GM COLIFORM,TOT,MEMBR FILTER,IMMED,LES ENDO AGAR,3	GEOMETRIC MEAN =			18.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/02/70-09/14/76	70	1.	10.629	210.	0.	769.143	27.733	0.	0.5	9.	37.5
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/02/70-09/14/76	70	0.	0.411	2.322	-0.301	0.463	0.68	0.	-0.301	0.954	1.574
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.576								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/13/76-10/03/88	80	13.5	75.944	1200.	0.5	32641.386	180.669	0.5	2.	60.	208.6
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/13/76-10/03/88	80	1.13	1.035	3.079	-0.301	0.912	0.955	-0.301	0.301	1.778	2.319
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			10.846								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	07/16/82-07/16/82	1	2600.	2600.	2600.	2600.	0.	0.	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	07/16/82-07/16/82	1	3.415	3.415	3.415	3.415	0.	0.	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			2600.								
60050	ALGAE, TOTAL (CELLS/ML)	09/18/75-09/24/87	85	3100.	4985.412	43600.	110.	37504822.745	6124.118	536.	1200.	6500.	11000.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/18/75-03/10/97	83	33.	32.349	67.	0.	151.23	12.298	16.4	24.	40.	47.
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/18/75-06/11/87	84	32.	31.321	57.	15.	65.209	8.075	19.	26.25	36.75	39.
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/09/75-09/24/87	79	43.2	42.705	98.	0.06	250.183	15.817	23.8	31.	52.6	62.1
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	09/18/75-06/11/87	82	0.04	0.045	0.09	0.01	0.	0.014	0.03	0.04	0.05	0.06
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	11/19/90-11/19/92	7 ##	0.005	0.006	0.01	0.005	0.	0.002	**	**	**	**
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	04/18/79-12/17/80	20	0.03	0.045	0.2	0.	0.002	0.048	0.	0.01	0.07	0.098
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/18/75-11/18/81	71	0.4	0.532	9.2	0.	1.184	1.088	0.04	0.2	0.6	0.8
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	09/18/75-11/18/81	72	0.	0.026	0.72	0.	0.007	0.085	0.	0.	0.03	0.03
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	04/18/79-09/24/85	61	0.09	0.38	15.	0.03	3.687	1.92	0.03	0.06	0.12	0.18
82068	POTASSIUM 40, DISSOLVED, K-40 PC/LITER	01/22/81-07/22/81	7	0.6	0.5	0.6	0.3	0.017	0.129	**	**	**	**
85209	ALGAL GROWTH POTENTIAL, FILTERED (MG/L)	07/15/76-09/24/87	71	2.	26.241	375.	0.04	3683.346	60.691	0.42	0.7	14.	80.62

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

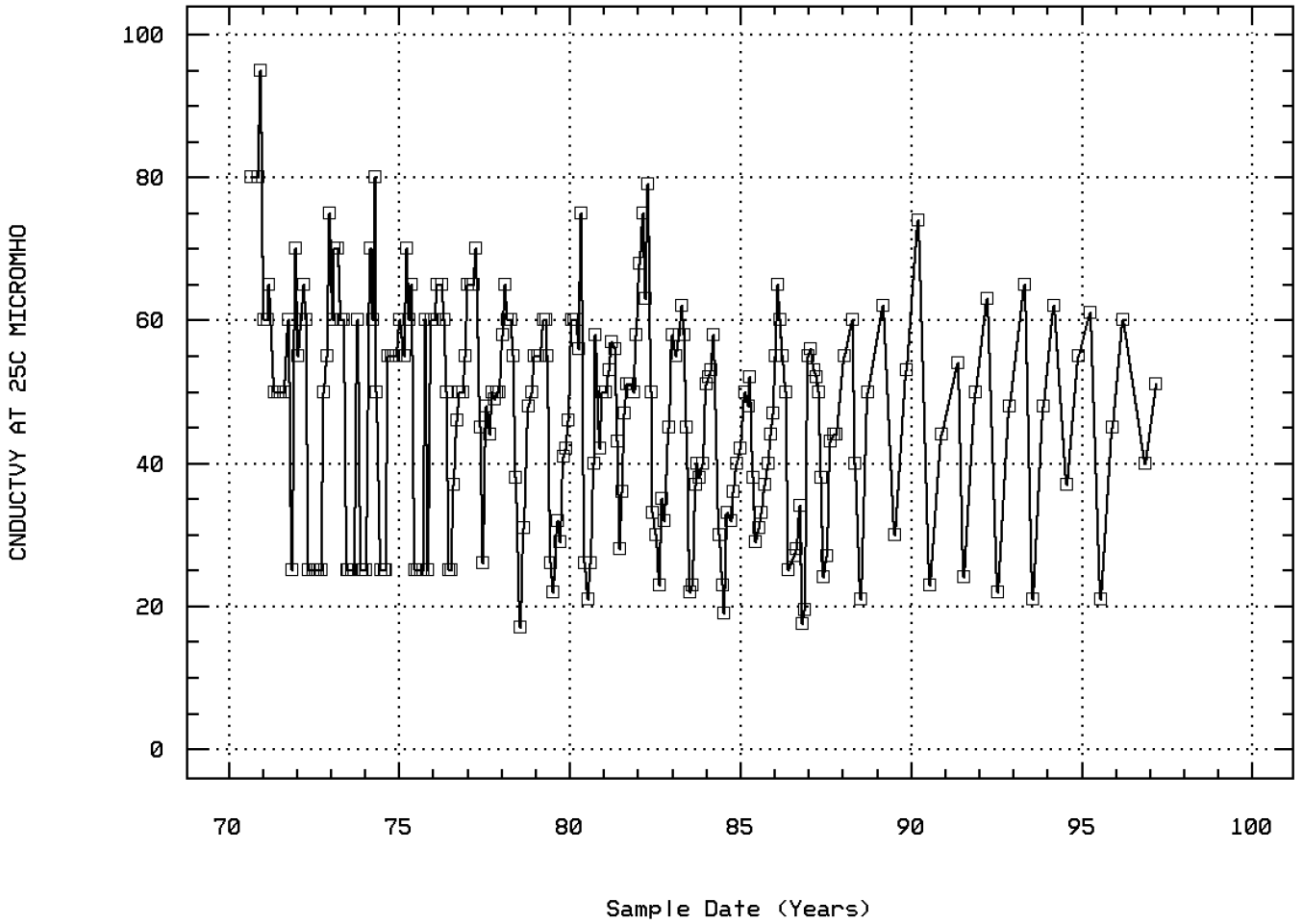
EPA Water Quality Criteria Analysis for Station: ROMO0470

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	226	0	0.00	89	0	0.00	99	0	0.00	38	0	0.00			
00400	PH	Fresh Chronic	9.	222	0	0.00	87	0	0.00	98	0	0.00	37	0	0.00			
		Other-Lo Lim.	6.5	222	4	0.02	87	2	0.02	98	2	0.02	37	0	0.00			
00403	PH, LAB	Fresh Chronic	9.	109	0	0.00	42	0	0.00	49	0	0.00	18	0	0.00			
		Other-Lo Lim.	6.5	109	0	0.00	42	0	0.00	49	0	0.00	18	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	168	0	0.00	65	0	0.00	76	0	0.00	27	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	8	0	0.00	2	0	0.00	4	0	0.00	2	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	71	0	0.00	27	0	0.00	33	0	0.00	11	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00							1	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	14	0	0.00	8	0	0.00	4	0	0.00	2	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	170	0	0.00	66	0	0.00	76	0	0.00	28	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	170	0	0.00	66	0	0.00	76	0	0.00	28	0	0.00			
		Drinking Water	250.	170	0	0.00	66	0	0.00	76	0	0.00	28	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	170	0	0.00	66	0	0.00	76	0	0.00	28	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	168	0	0.00	64	0	0.00	76	0	0.00	28	0	0.00			
01005	BARIUM, DISSOLVED	Drinking Water	2000.	23	0	0.00	7	0	0.00	14	0	0.00	2	0	0.00			
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	23	0	0.00	7	0	0.00	14	0	0.00	2	0	0.00			
		Drinking Water	4.	23	0	0.00	7	0	0.00	14	0	0.00	2	0	0.00			
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	23	0	0.00	7	0	0.00	14	0	0.00	2	0	0.00			
		Drinking Water	5.	23	0	0.00	7	0	0.00	14	0	0.00	2	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	23	0	0.00	7	0	0.00	14	0	0.00	2	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	23	0	0.00	7	0	0.00	14	0	0.00	2	0	0.00			
		Drinking Water	1300.	23	0	0.00	7	0	0.00	14	0	0.00	2	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	23	0	0.00	7	0	0.00	14	0	0.00	2	0	0.00			
		Drinking Water	15.	23	0	0.00	7	0	0.00	14	0	0.00	2	0	0.00			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	23	0	0.00	7	0	0.00	14	0	0.00	2	0	0.00			
		Drinking Water	100.	23	0	0.00	7	0	0.00	14	0	0.00	2	0	0.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	23	0	0.00	7	0	0.00	14	0	0.00	2	0	0.00			
		Drinking Water	100.	23	0	0.00	7	0	0.00	14	0	0.00	2	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	23	0	0.00	7	0	0.00	14	0	0.00	2	0	0.00			
		Drinking Water	5000.	23	0	0.00	7	0	0.00	14	0	0.00	2	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	152	15	0.10	69	11	0.16	50	0	0.00	33	4	0.12			
31504	COLIFORM,TOT,MEMBRANE FILTR,IMMED. LES-E	Other-Hi Lim.	1000.	1	0	0.00	1	0	0.00									
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	70	1	0.01	29	1	0.03	30	0	0.00	11	0	0.00			
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	80	8	0.10	39	7	0.18	20	0	0.00	21	1	0.05			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	71	0	0.00	27	0	0.00	33	0	0.00	11	0	0.00			
71856	NITRITE NITROGEN, DISSOLVED (AS NO2)	Drinking Water	3.3	72	0	0.00	28	0	0.00	33	0	0.00	11	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station: ROMO0470 Parameter Code: 00095

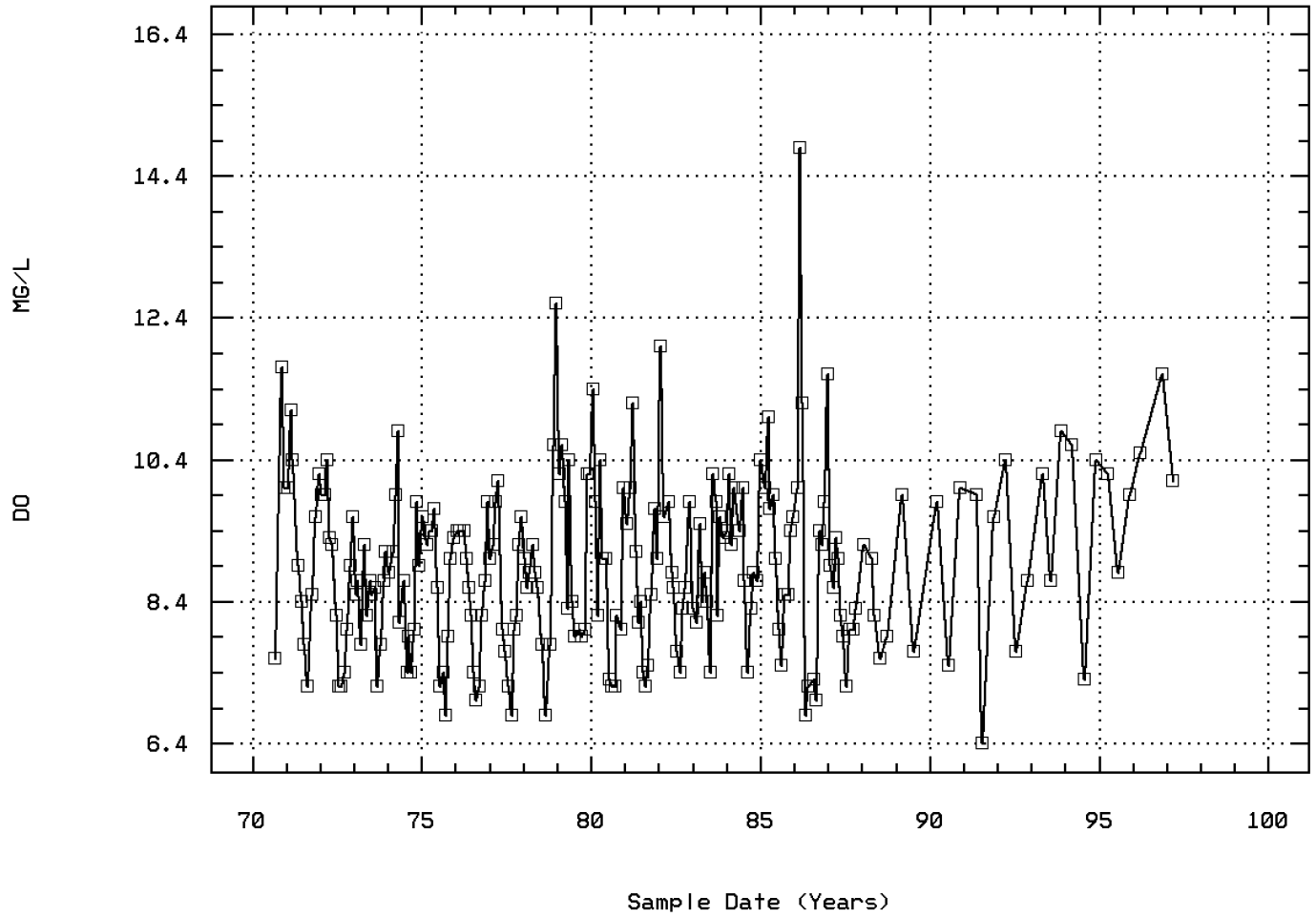
SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)



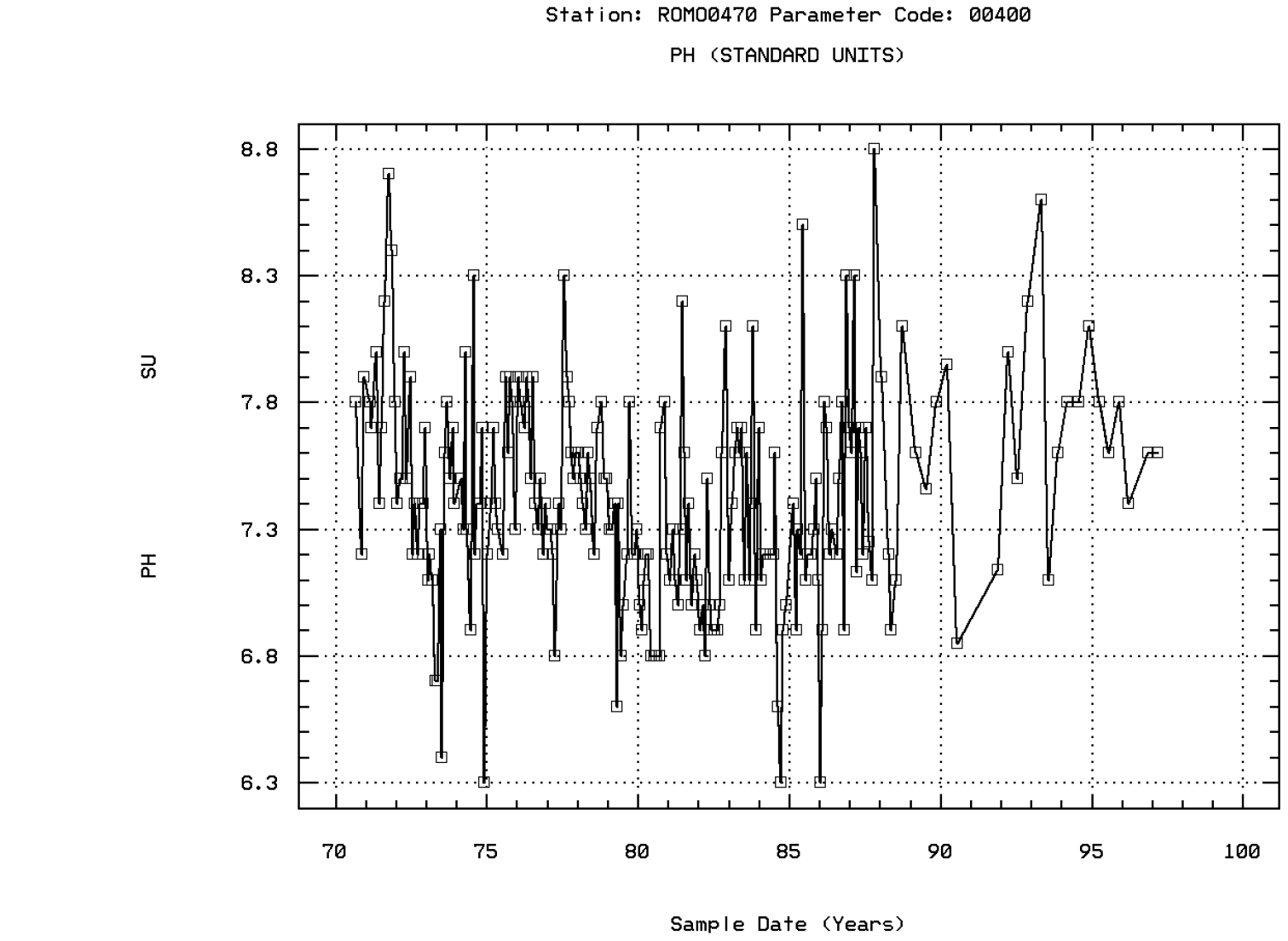
OLYMPUS TUNNEL AT LAKE ESTES, CO.

Station: ROMO0470 Parameter Code: 00300

OXYGEN, DISSOLVED



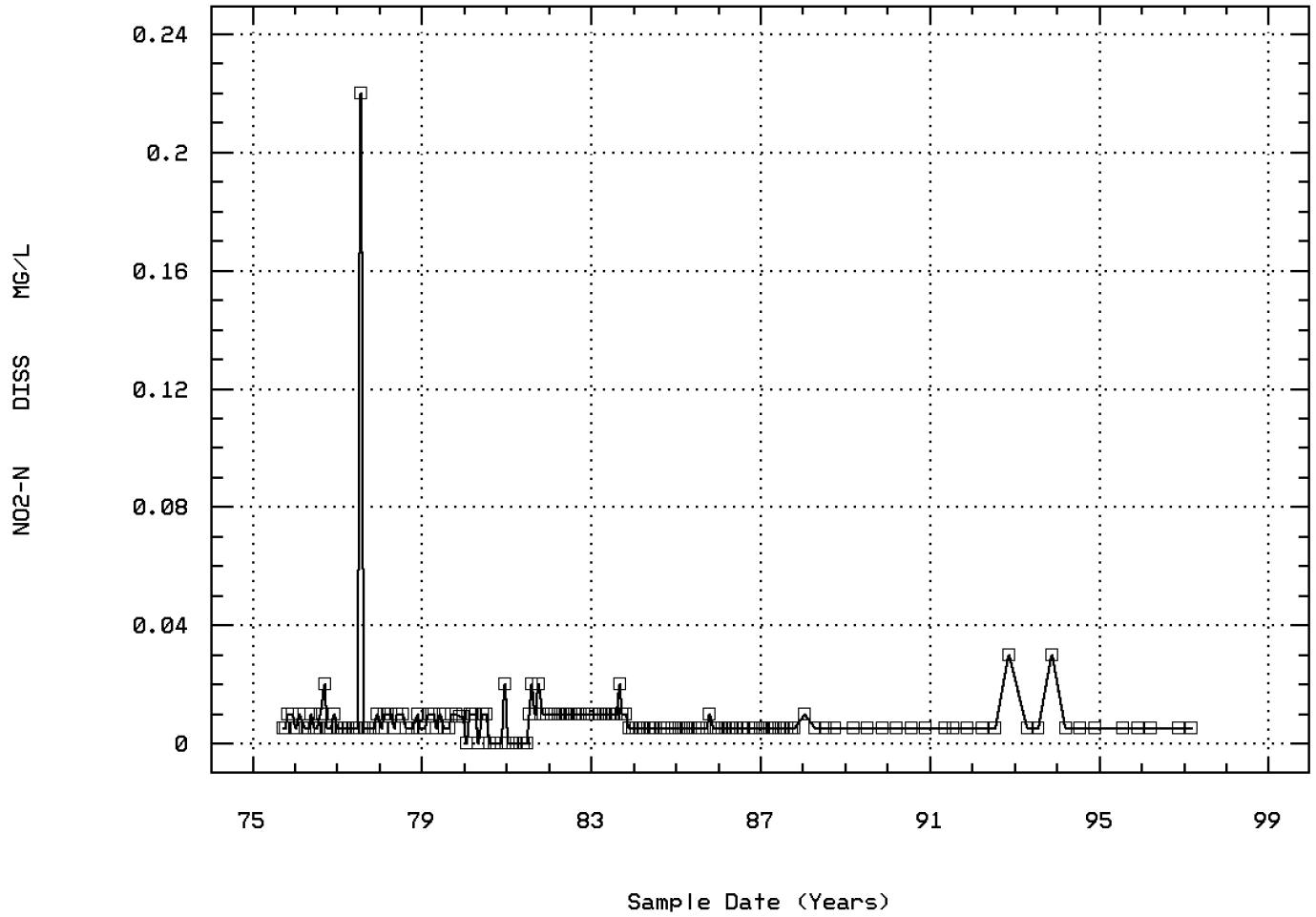
OLYMPUS TUNNEL AT LAKE ESTES, CO.



OLYMPUS TUNNEL AT LAKE ESTES, CO.

Station: ROMO0470 Parameter Code: 00613

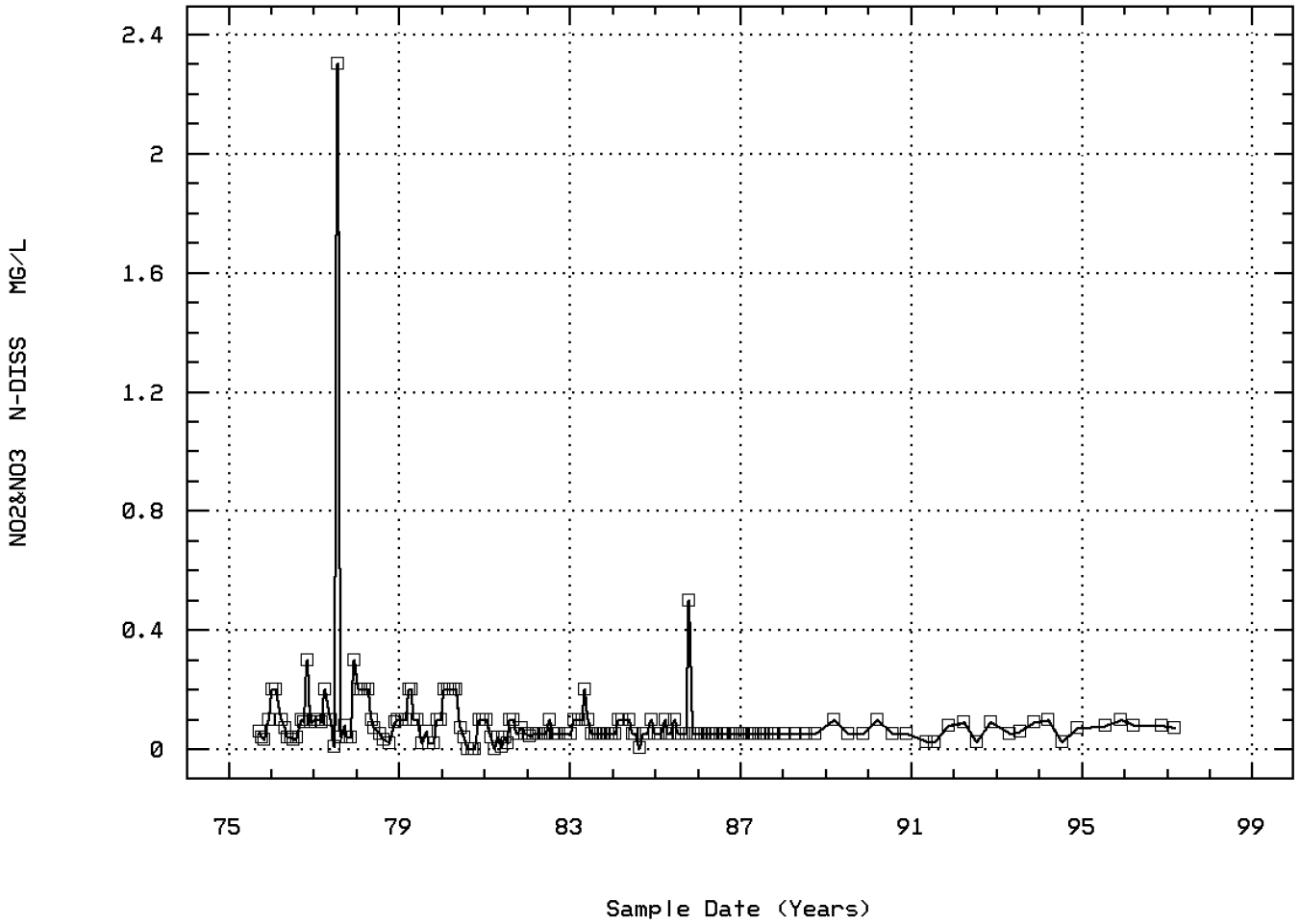
NITRITE NITROGEN, DISSOLVED (MG/L AS N)



OLYMPUS TUNNEL AT LAKE ESTES, CO.

Station: ROMO0470 Parameter Code: 00631

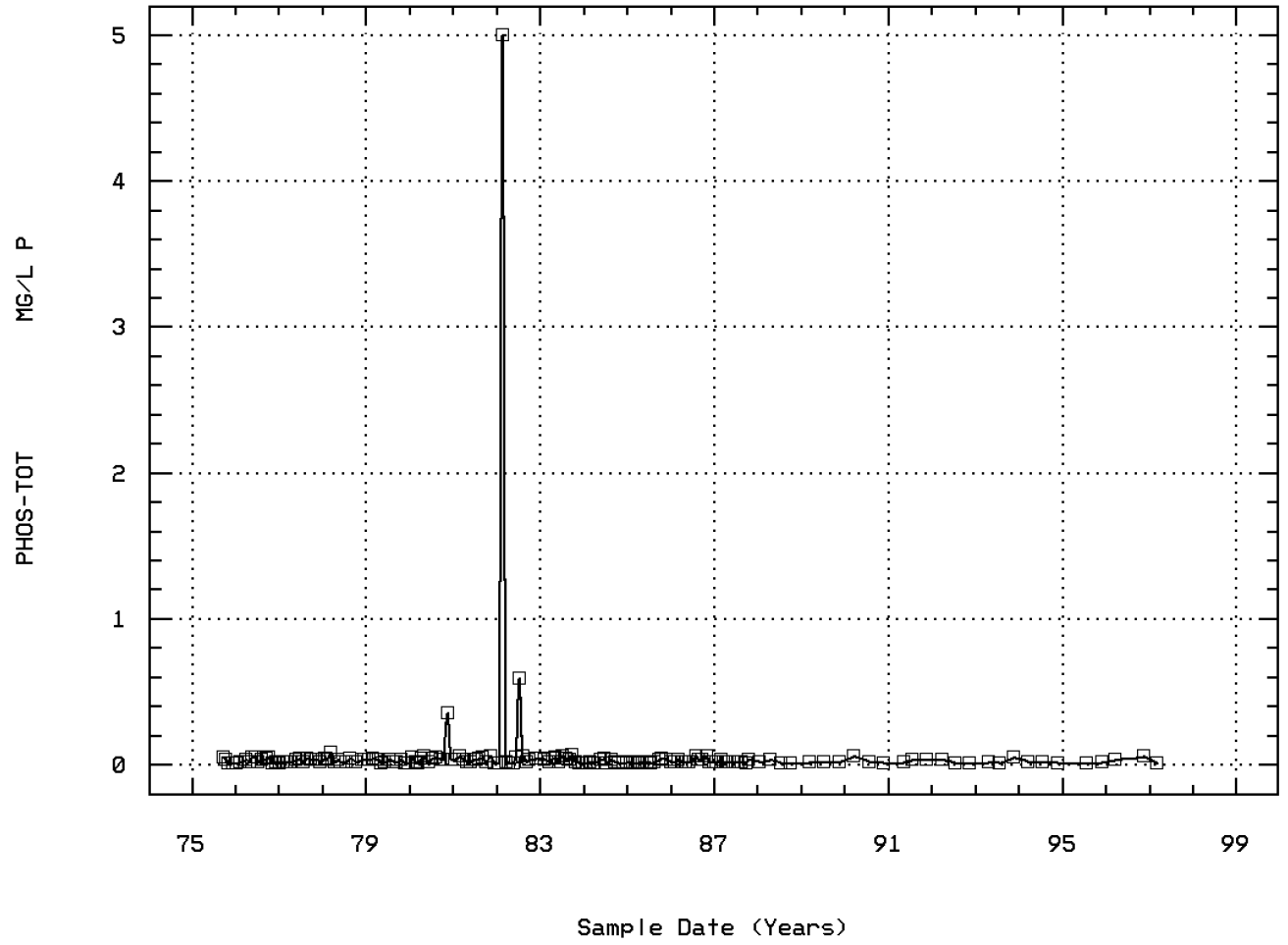
NITRITE PLUS NITRATE, DISS. 1 DET. (MG/



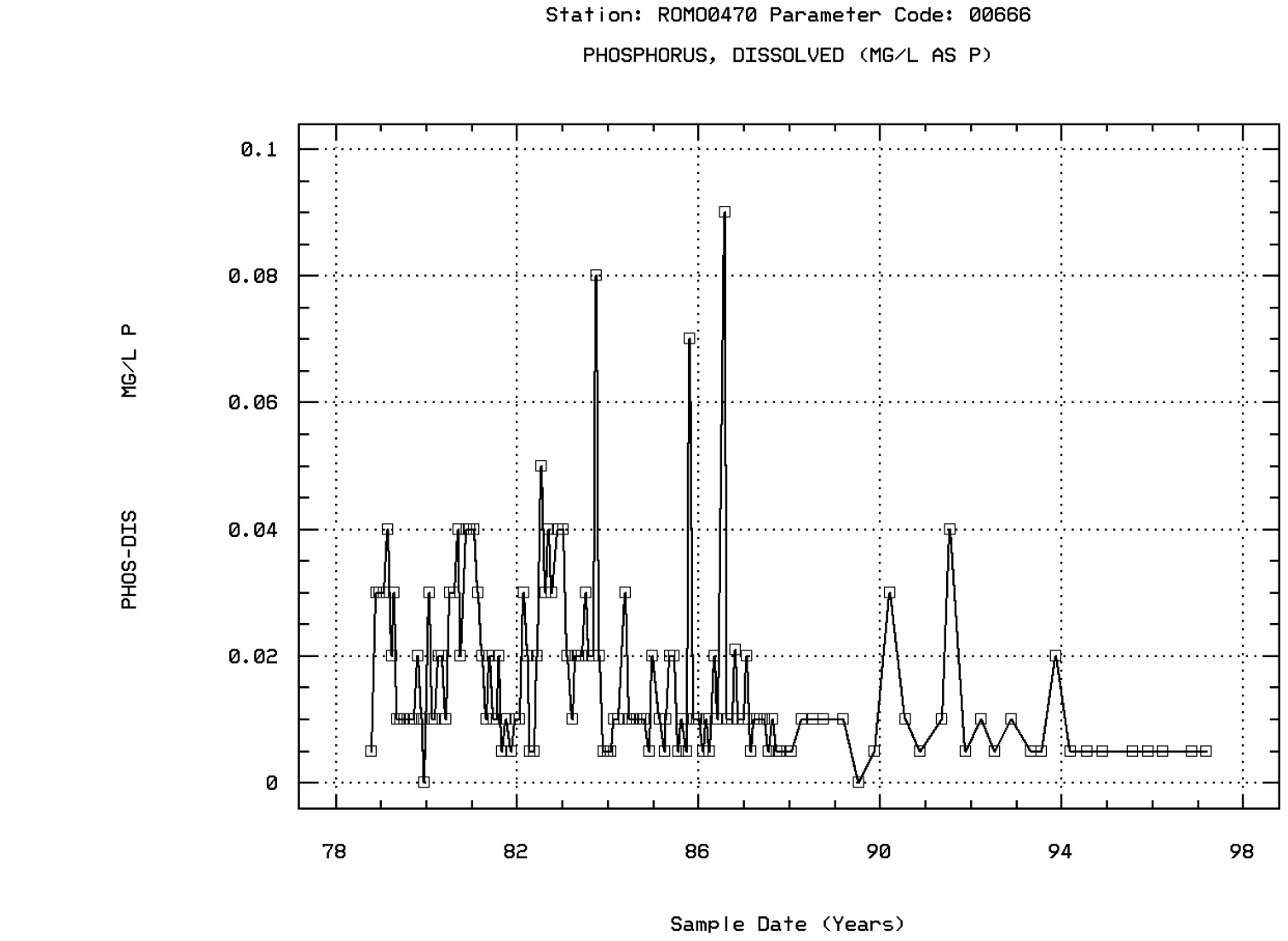
OLYMPUS TUNNEL AT LAKE ESTES, CO.

Station: ROMO0470 Parameter Code: 00665

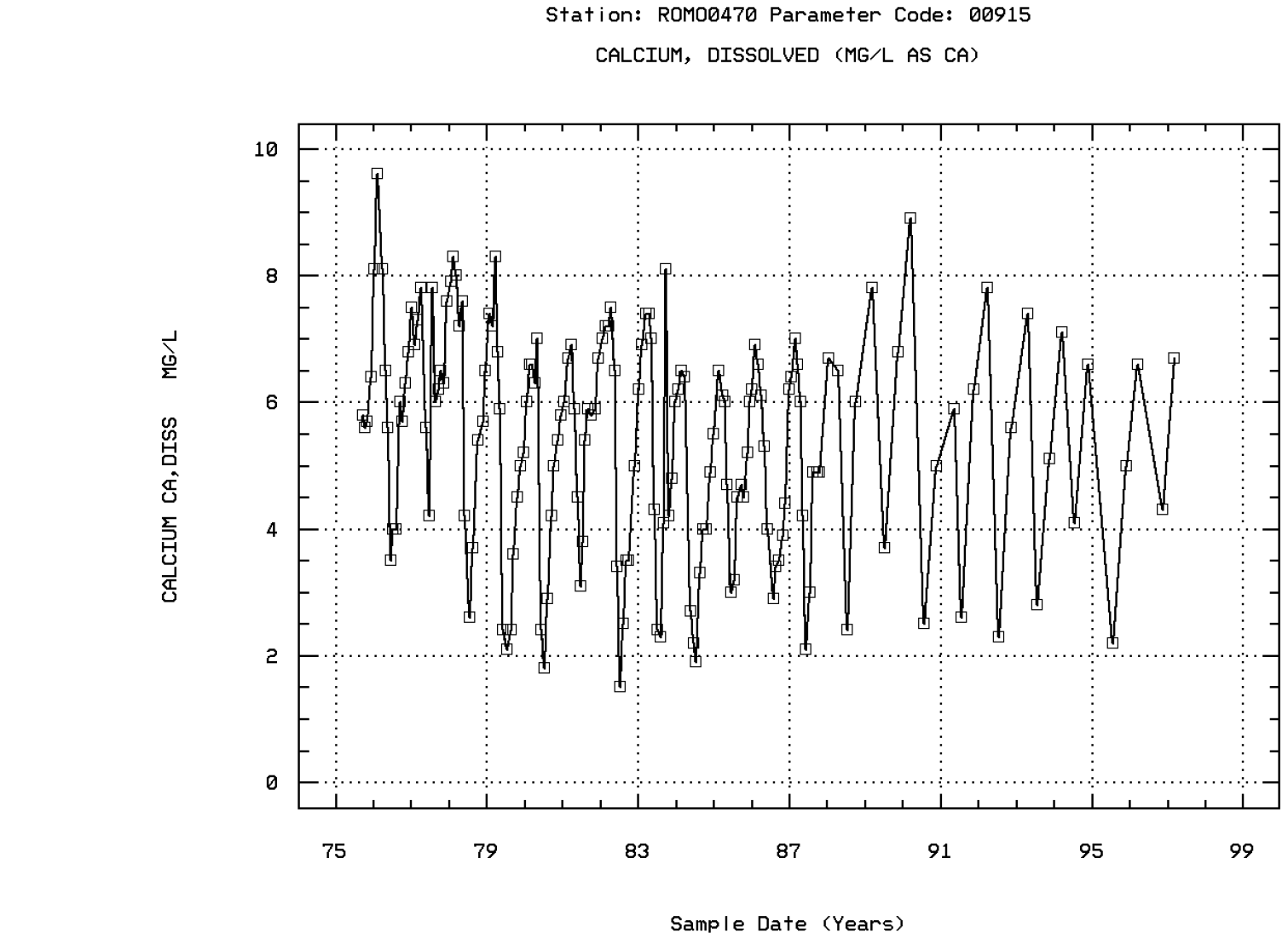
PHOSPHORUS, TOTAL (MG/L AS P)



OLYMPUS TUNNEL AT LAKE ESTES, CO.



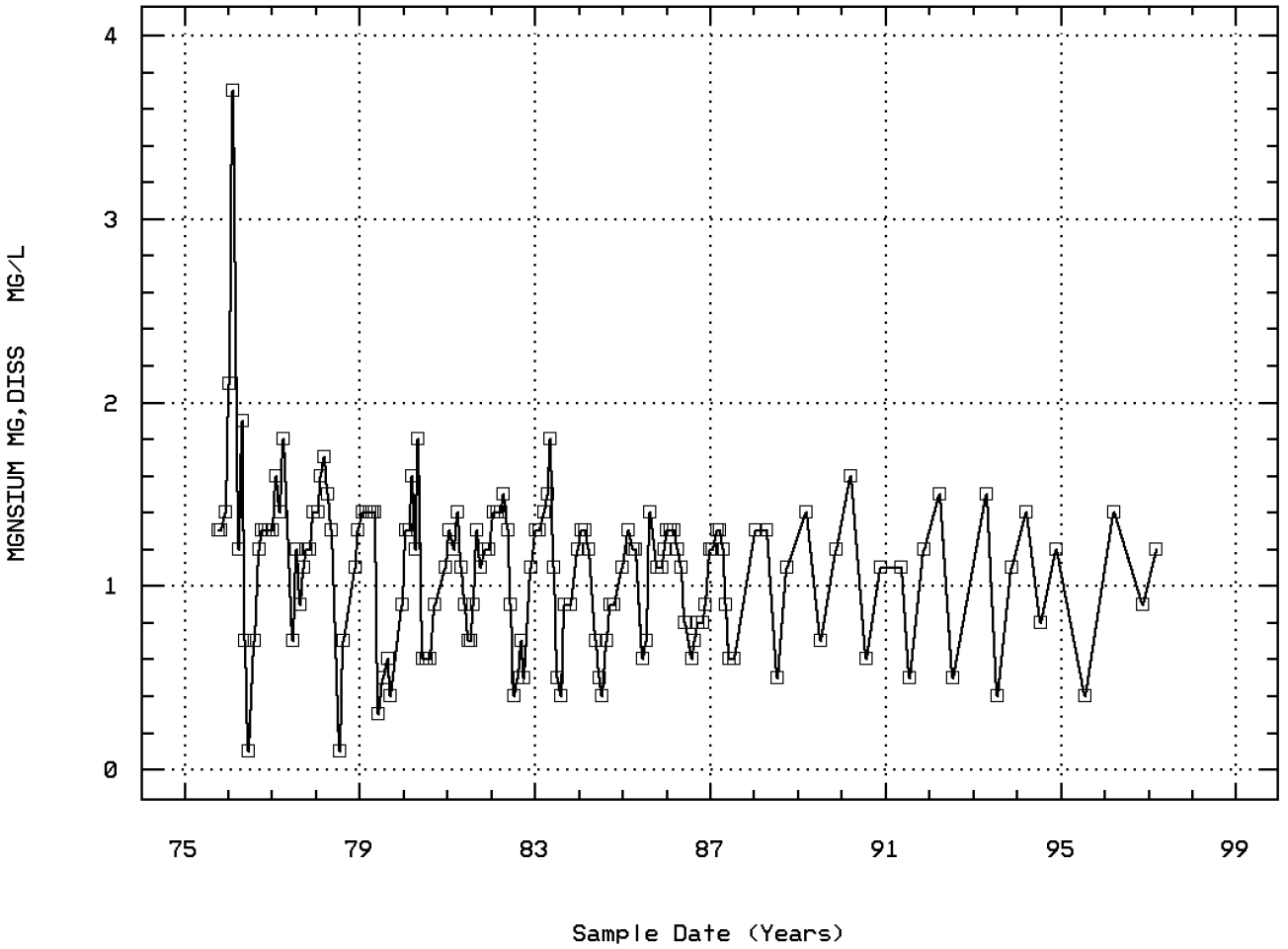
OLYMPUS TUNNEL AT LAKE ESTES, CO.



OLYMPUS TUNNEL AT LAKE ESTES, CO.

Station: ROMO0470 Parameter Code: 00925

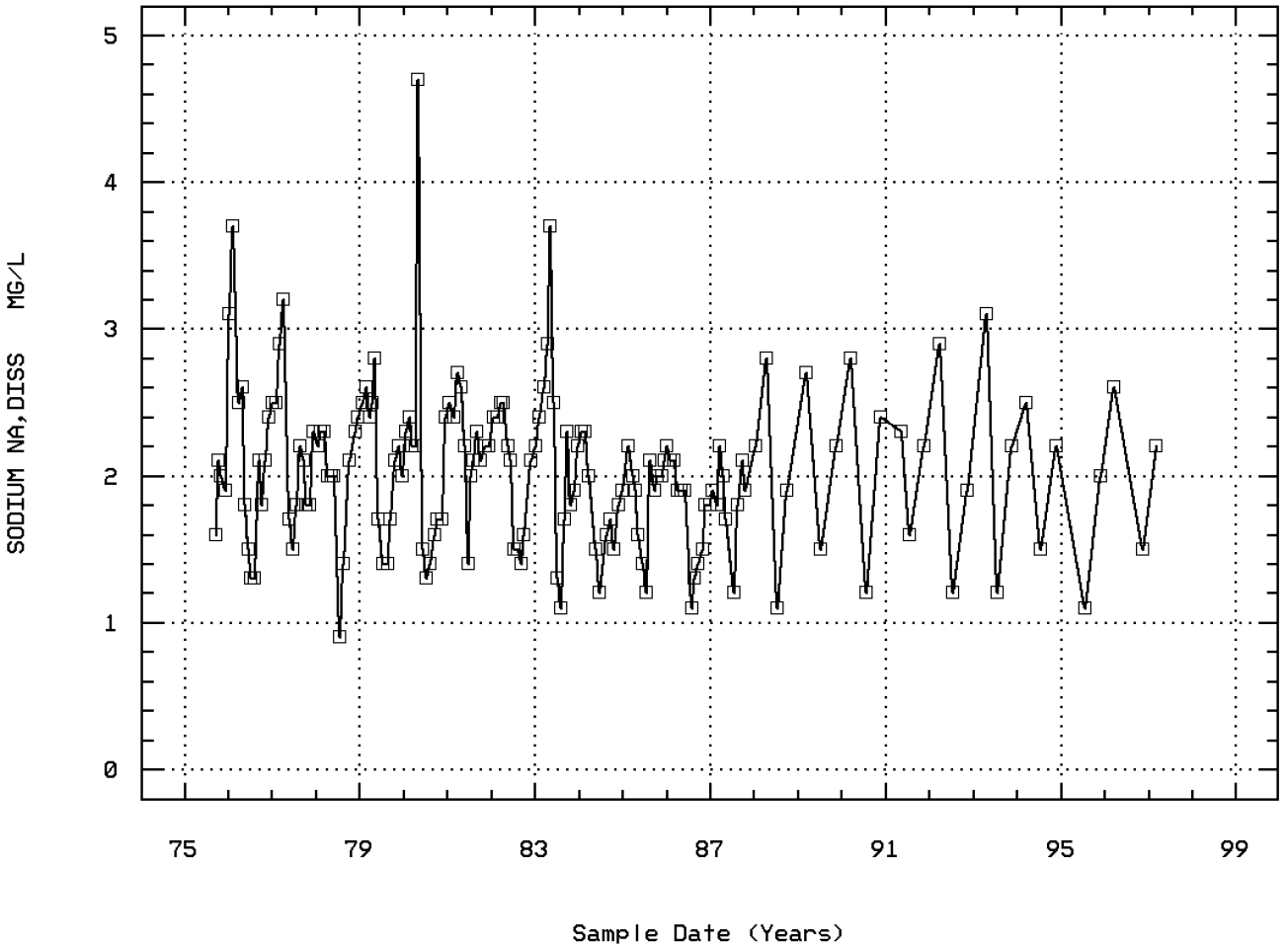
MAGNESIUM, DISSOLVED (MG/L AS MG)



OLYMPUS TUNNEL AT LAKE ESTES, CO.

Station: ROMO0470 Parameter Code: 00930

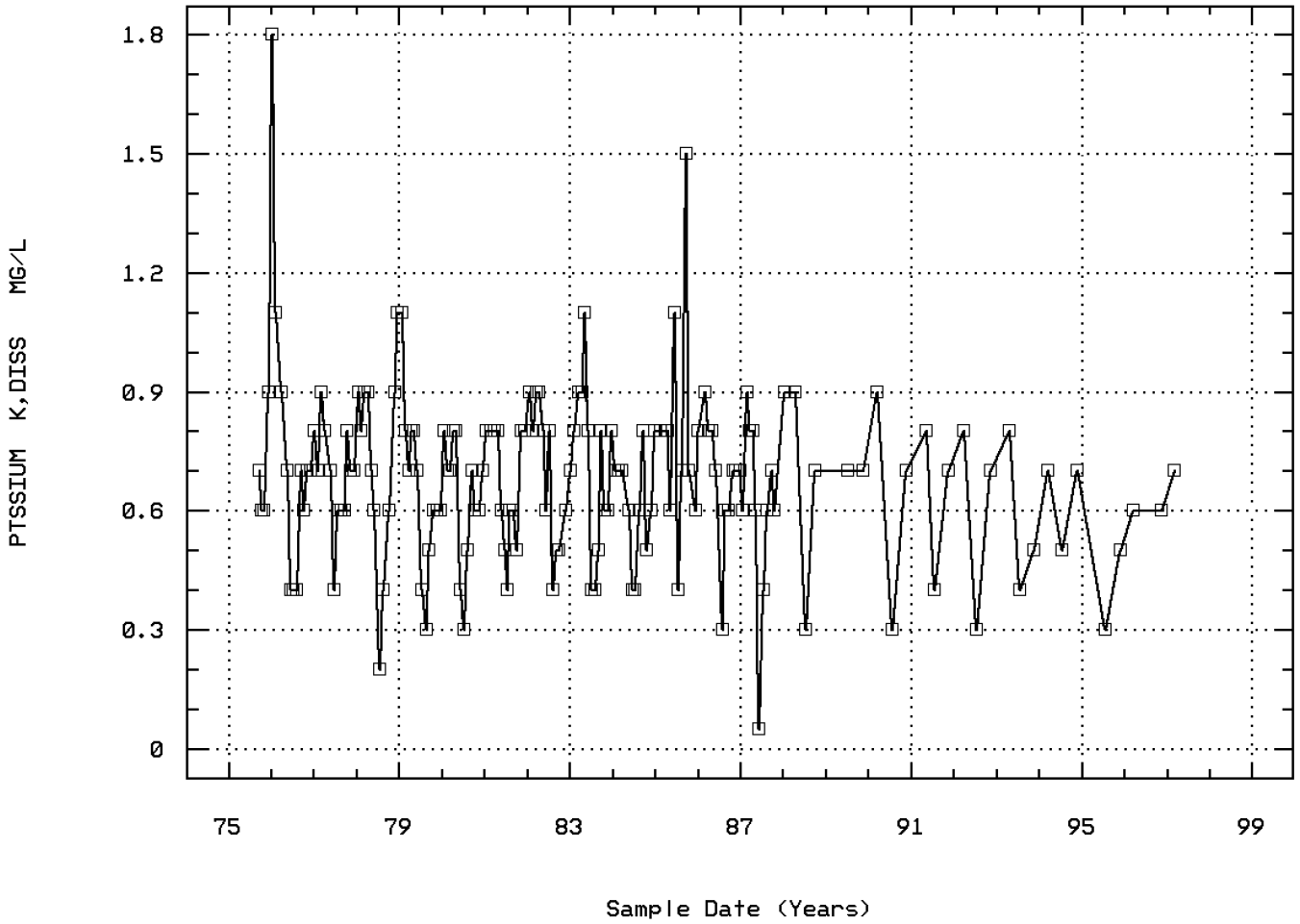
SODIUM, DISSOLVED (MG/L AS NA)



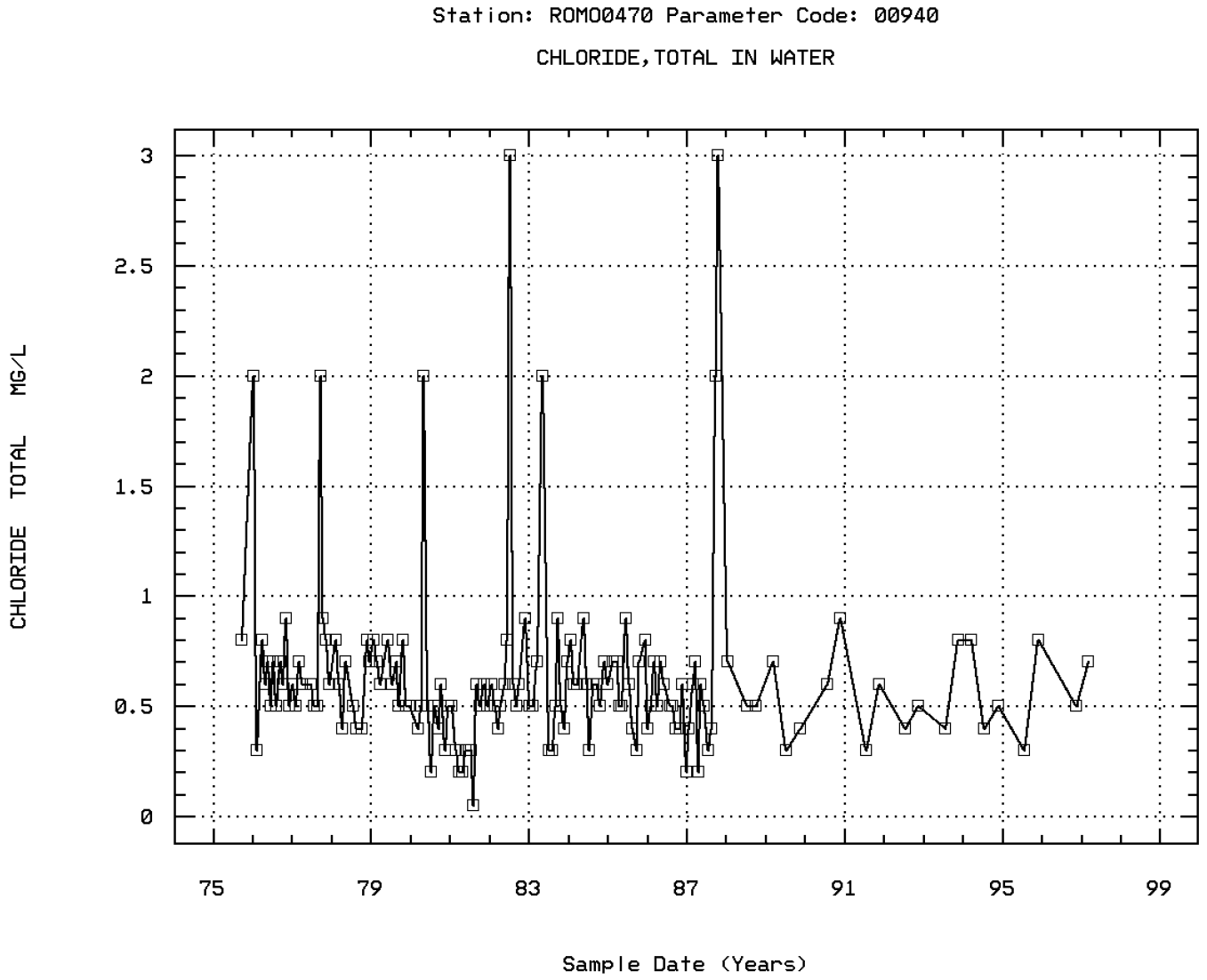
OLYMPUS TUNNEL AT LAKE ESTES, CO.

Station: ROMO0470 Parameter Code: 00935

POTASSIUM, DISSOLVED (MG/L AS K)



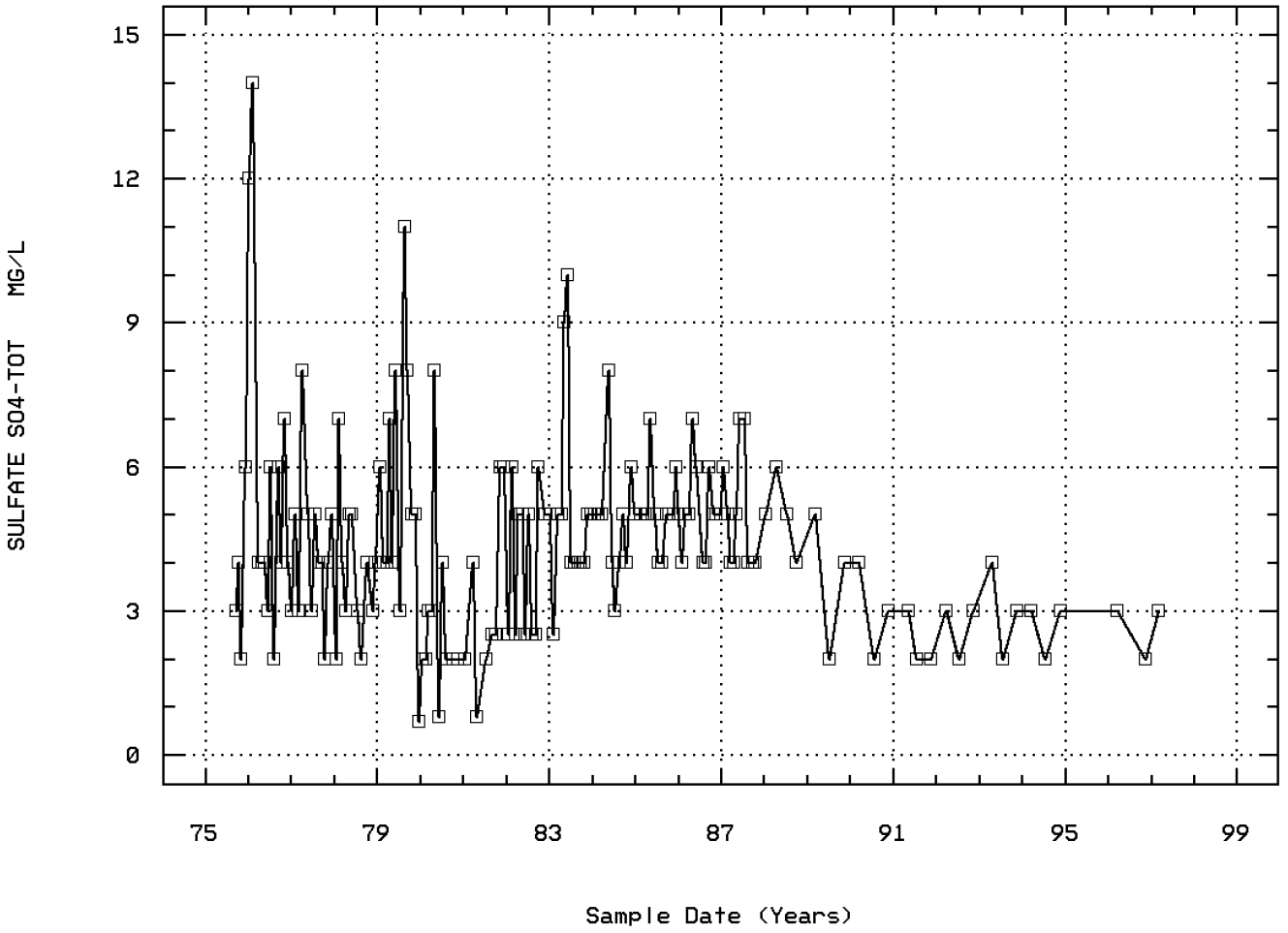
OLYMPUS TUNNEL AT LAKE ESTES, CO.



OLYMPUS TUNNEL AT LAKE ESTES, CO.

Station: ROMO0470 Parameter Code: 00945

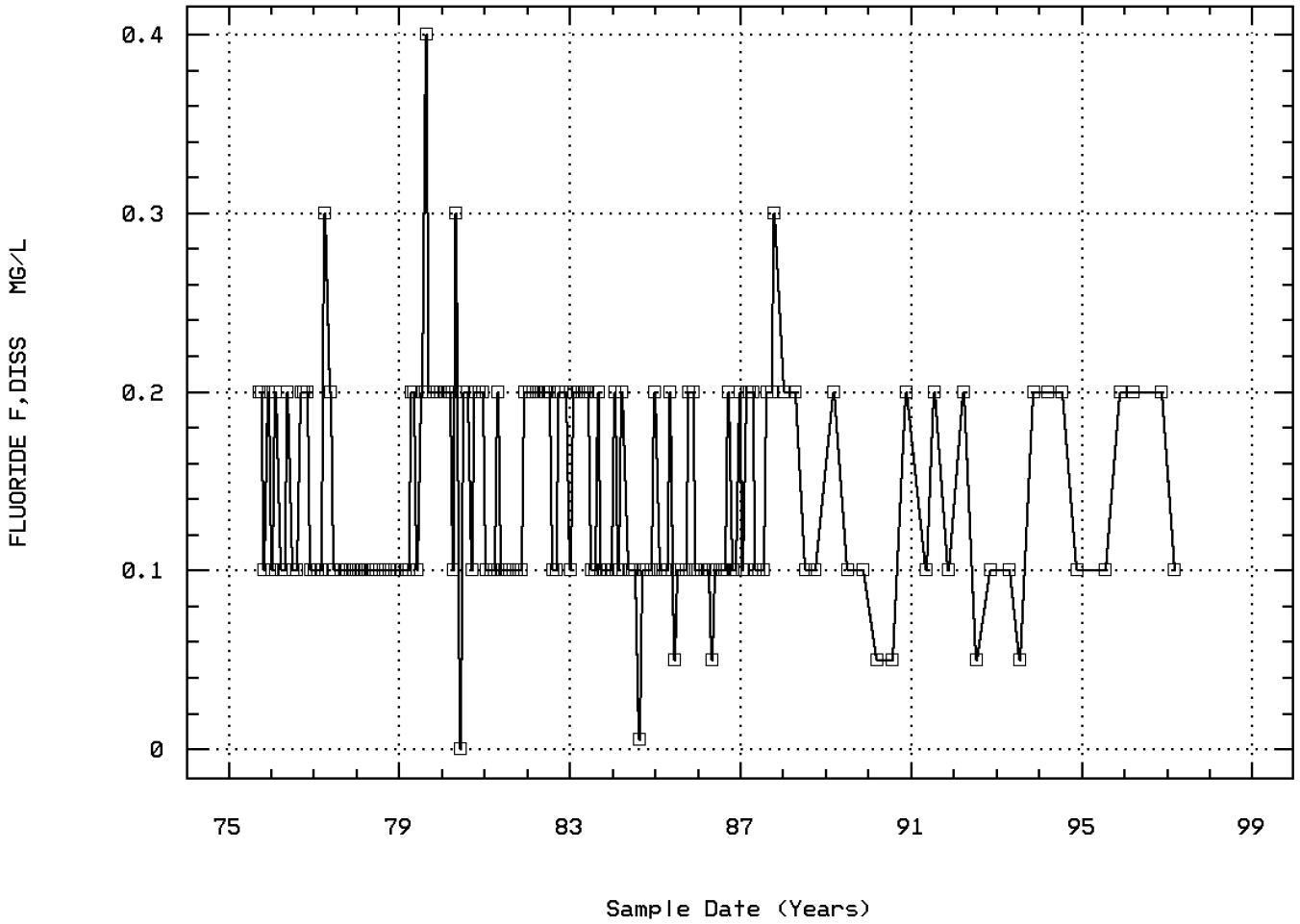
SULFATE, TOTAL (MG/L AS SO4)



OLYMPUS TUNNEL AT LAKE ESTES, CO.

Station: ROMO0470 Parameter Code: 00950

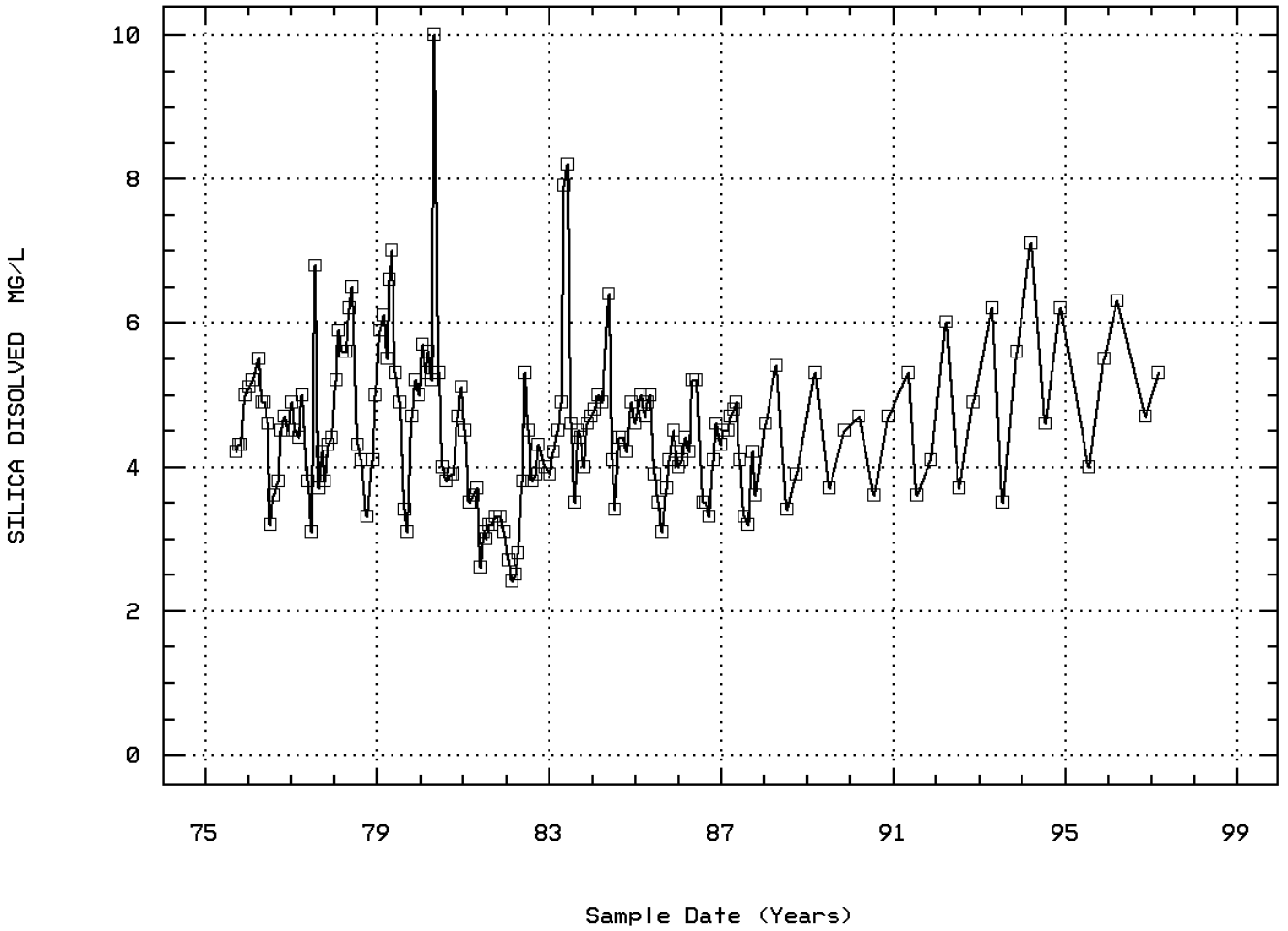
FLUORIDE, DISSOLVED (MG/L AS F)



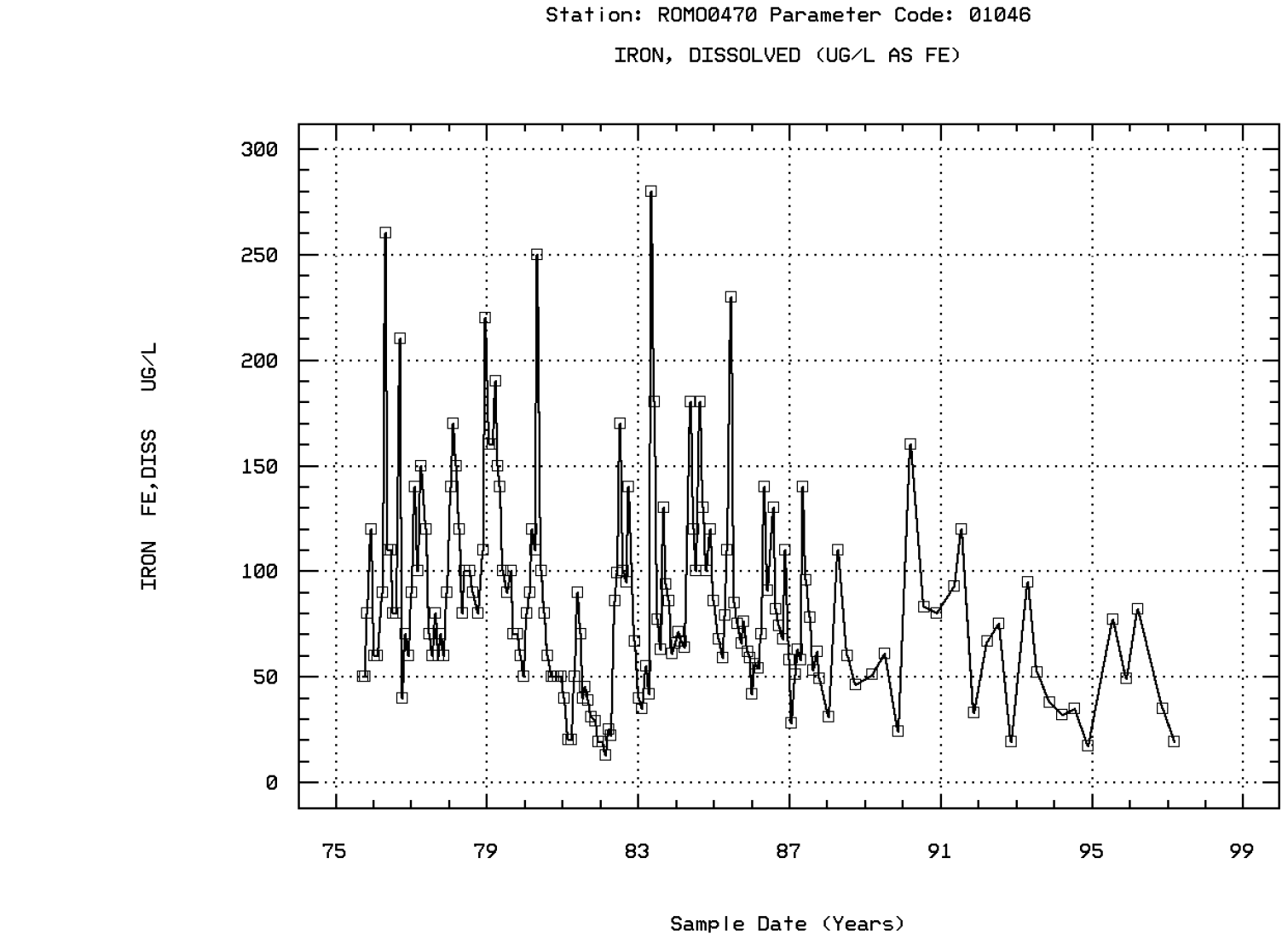
OLYMPUS TUNNEL AT LAKE ESTES, CO.

Station: ROMO0470 Parameter Code: 00955

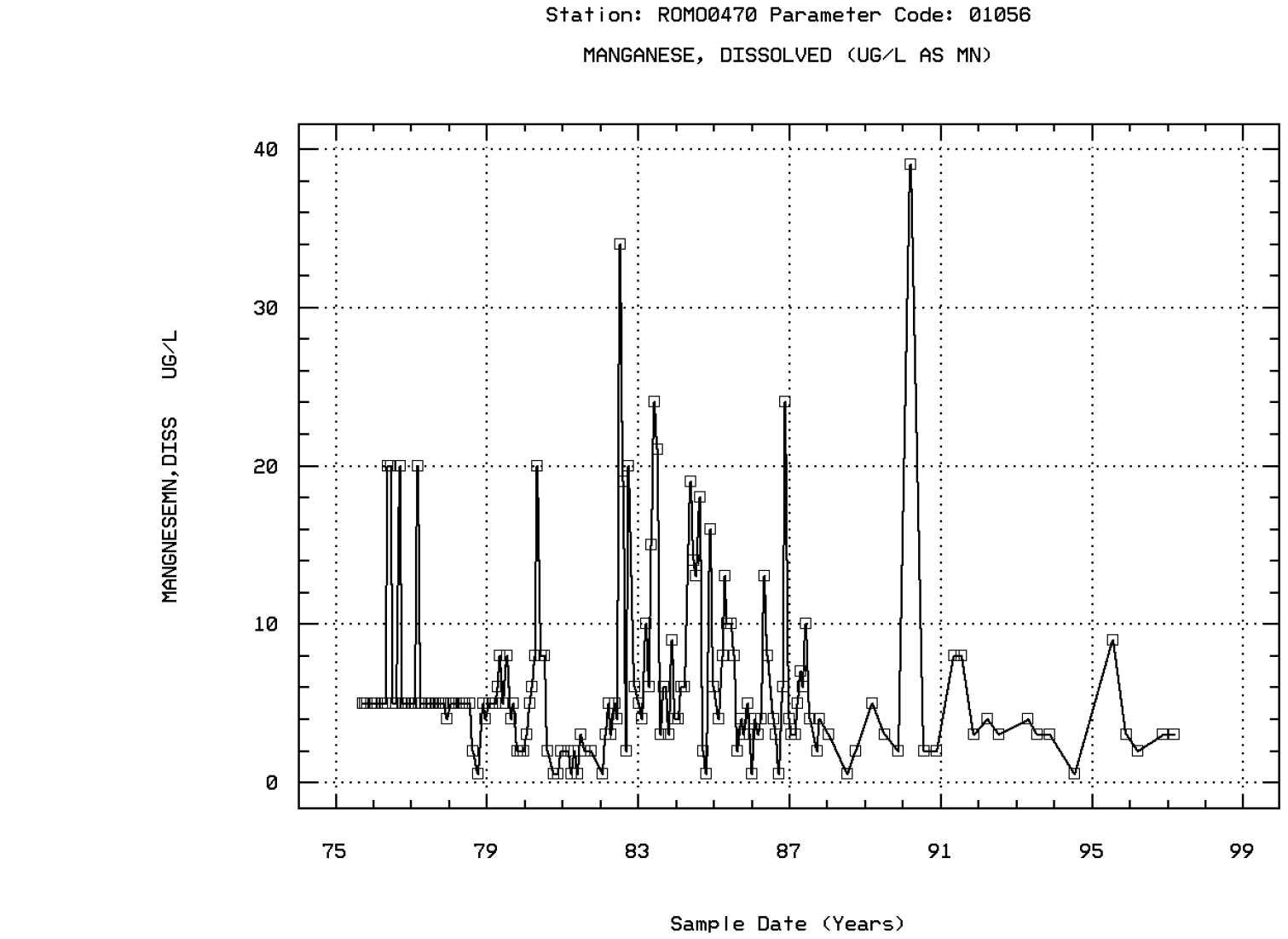
SILICA, DISSOLVED (MG/L AS SI02)



OLYMPUS TUNNEL AT LAKE ESTES, CO.



OLYMPUS TUNNEL AT LAKE ESTES, CO.



OLYMPUS TUNNEL AT LAKE ESTES, CO.

Annual Analysis for 1970 - Station ROMO0470

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/70-03/10/97	3	2.	7.	17.	2.	75.	8.66	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/70-03/10/97	3	80.	85.	95.	80.	75.	8.66	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/02/70-03/10/97	3	10.	9.767	11.7	7.6	4.243	2.06	**	**	**	**
00400p	PH (STANDARD UNITS)	09/02/70-03/10/97	3	7.8	7.633	7.9	7.2	0.143	0.379	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	09/02/70-03/10/97	3	7.8	7.516	7.9	7.2	0.164	0.405	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/02/70-03/10/97	3	0.016	0.031	0.063	0.013	0.001	0.028	**	**	**	**
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/02/70-07/11/88	3	22.	35.	78.	5.	1459.	38.197	**	**	**	**
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/02/70-07/11/88	3	1.342	1.311	1.892	0.699	0.357	0.597	**	**	**	**
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			20.472								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/02/70-09/14/76	3	2.	12.	33.	1.	331.	18.193	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/02/70-09/14/76	3	0.301	0.607	1.519	0.	0.646	0.804	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			4.041								

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Annual Analysis for 1971 - Station ROMO0470

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/70-03/10/97	10	5.	6.95	16.5	1.	33.803	5.814	1.1	2.	12.75	16.35
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/70-03/10/97	10	55.	54.	70.	25.	154.444	12.428	27.5	50.	61.25	69.5
00300p	OXYGEN, DISSOLVED MG/L	09/02/70-03/10/97	10	9.25	9.21	11.1	7.2	1.559	1.249	7.26	8.25	10.25	11.03
00400p	PH (STANDARD UNITS)	09/02/70-03/10/97	9	7.8	7.967	8.7	7.4	0.162	0.403	7.4	7.7	8.3	8.7
00400p	CONVERTED PH (STANDARD UNITS)	09/02/70-03/10/97	9	7.8	7.828	8.7	7.4	0.184	0.429	7.4	7.7	8.3	8.7
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/02/70-03/10/97	9	0.016	0.015	0.04	0.002	0.	0.011	0.002	0.005	0.02	0.04
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/02/70-07/11/88	10	34.5	162.7	630.	0.	63341.567	251.678	0.8	11.	330.	628.5
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/02/70-07/11/88	10	1.537	1.59	2.799	0.	0.762	0.873	0.09	1.035	2.476	2.798
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			38.879								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/02/70-09/14/76	10	1.	28.8	210.	1.	4345.289	65.919	1.	1.	23.	194.6
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/02/70-09/14/76	10	0.	0.575	2.322	0.	0.741	0.861	0.	0.	1.246	2.265
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			3.76								

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Annual Analysis for 1972 - Station ROMO0470

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/70-03/10/97	12	7.75	7.375	17.	1.	31.551	5.617	1.	1.75	11.75	16.4
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/70-03/10/97	12	52.5	45.417	75.	25.	361.174	19.005	25.	25.	60.	72.
00300p	OXYGEN, DISSOLVED MG/L	09/02/70-03/10/97	12	9.05	8.767	10.4	7.2	1.282	1.132	7.2	7.55	9.825	10.25
00400p	PH (STANDARD UNITS)	09/02/70-03/10/97	12	7.45	7.508	8.	7.2	0.061	0.247	7.2	7.4	7.65	7.97
00400p	CONVERTED PH (STANDARD UNITS)	09/02/70-03/10/97	12	7.447	7.453	8.	7.2	0.064	0.253	7.2	7.4	7.65	7.97
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/02/70-03/10/97	12	0.036	0.035	0.063	0.01	0.	0.017	0.011	0.023	0.04	0.063
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/02/70-07/11/88	12	37.5	128.667	550.	0.	40185.697	200.464	0.9	18.75	116.75	550.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/02/70-07/11/88	12	1.56	1.589	2.74	0.	0.65	0.806	0.143	1.268	2.067	2.74
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			38.791								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/02/70-09/14/76	12	3.	12.	41.	0.	246.	15.684	0.	0.25	27.	40.1
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/02/70-09/14/76	12	0.477	0.676	1.613	0.	0.433	0.658	0.	0.	1.413	1.603
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			4.745								

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Annual Analysis for 1973 - Station ROMO0470

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/70-03/10/97	12	5.75	6.458	16.	0.	32.248	5.679	0.3	1.	12.5	15.4
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/70-03/10/97	12 ##	42.5	44.167	70.	25.	412.879	20.319	25.	25.	60.	70.
00300p	OXYGEN, DISSOLVED MG/L	09/02/70-03/10/97	12	8.55	8.417	9.2	7.2	0.332	0.577	7.38	7.9	8.7	9.17
00400p	PH (STANDARD UNITS)	09/02/70-03/10/97	12	7.25	7.208	7.8	6.4	0.188	0.434	6.49	6.8	7.575	7.77
00400p	CONVERTED PH (STANDARD UNITS)	09/02/70-03/10/97	12	7.247	6.999	7.8	6.4	0.236	0.486	6.49	6.8	7.575	7.77
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/02/70-03/10/97	12	0.057	0.1	0.398	0.016	0.013	0.113	0.017	0.027	0.17	0.339
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/02/70-07/11/88	12	25.	92.833	600.	0.	29878.515	172.854	2.1	10.5	61.75	493.5
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/02/70-07/11/88	12	1.395	1.446	2.778	0.	0.531	0.729	0.254	1.02	1.791	2.661
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			27.92								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/02/70-09/14/76	12	0.5	9.083	55.	0.	349.902	18.706	0.	0.	5.25	51.1
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/02/70-09/14/76	12	0.	0.41	1.74	0.	0.415	0.645	0.	0.	0.703	1.705
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.57								

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Annual Analysis for 1974 - Station ROMO0470

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/70-03/10/97	12	6.25	7.167	16.	1.	30.288	5.503	1.	1.5	12.25	15.7
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/09/74-03/10/97	5	500.	400.	500.	250.	18750.	136.931	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/70-03/10/97	12	55.	48.333	80.	25.	360.606	18.99	25.	25.	58.75	77.
00300p	OXYGEN, DISSOLVED MG/L	09/02/70-03/10/97	12	8.75	8.733	10.8	7.4	1.102	1.05	7.4	7.925	9.625	10.53
00400p	PH (STANDARD UNITS)	09/02/70-03/10/97	11	7.4	7.391	8.3	6.3	0.279	0.528	6.42	7.2	7.7	8.24
00400p	CONVERTED PH (STANDARD UNITS)	09/02/70-03/10/97	11	7.4	7.07	8.3	6.3	0.392	0.626	6.42	7.2	7.7	8.24
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/02/70-03/10/97	11	0.04	0.085	0.501	0.005	0.02	0.142	0.006	0.02	0.063	0.426
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/02/70-07/11/88	12	12.5	46.5	245.	0.	5367.909	73.266	0.9	4.	62.	210.8
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/02/70-07/11/88	12	1.079	1.182	2.389	0.	0.512	0.716	0.143	0.569	1.791	2.308
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			15.211								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/02/70-09/14/76	12	0.75	2.875	9.	0.	11.688	3.419	0.	0.125	6.25	8.7
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/02/70-09/14/76	12	-0.151	0.25	0.954	-0.301	0.244	0.494	0.	-0.075	0.784	0.939
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.779								

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Annual Analysis for 1975 - Station ROMO0470

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/70-03/10/97	11	6.	7.227	15.	1.	23.968	4.896	1.1	3.	13.	14.6
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/09/74-03/10/97	3	549.	549.333	550.	549.	0.333	0.577	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/70-03/10/97	12	57.5	46.25	70.	25.	364.205	19.084	25.	25.	60.	68.5
00300p	OXYGEN, DISSOLVED MG/L	09/02/70-03/10/97	12	9.1	8.625	9.7	6.8	1.057	1.028	6.92	7.525	9.4	9.67
00400p	PH (STANDARD UNITS)	09/02/70-03/10/97	11	7.4	7.518	7.9	7.2	0.074	0.271	7.2	7.3	7.8	7.9
00400p	CONVERTED PH (STANDARD UNITS)	09/02/70-03/10/97	11	7.4	7.448	7.9	7.2	0.079	0.281	7.2	7.3	7.8	7.9
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/02/70-03/10/97	11	0.04	0.036	0.063	0.013	0.	0.019	0.013	0.016	0.05	0.063
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/18/75-10/07/80	4	21.	20.5	24.	16.	11.	3.317	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/18/75-11/19/92	4	0.02	0.026	0.06	0.005	0.001	0.025	**	**	**	**
00613p	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/18/75-03/10/97	4 ##	0.008	0.008	0.01	0.005	0.	0.003	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/18/75-11/18/81	4	0.05	0.055	0.1	0.02	0.001	0.034	**	**	**	**
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/18/75-03/10/97	4	0.05	0.058	0.1	0.03	0.001	0.031	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	09/18/75-03/10/97	4	0.02	0.024	0.05	0.005	0.	0.021	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/18/75-03/23/83	4	19.5	20.	22.	19.	2.	1.414	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/18/75-02/25/81	4	0.	0.5	2.	0.	1.	1.	**	**	**	**
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	09/18/75-03/10/97	4	5.75	5.875	6.4	5.6	0.129	0.359	**	**	**	**
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/18/75-03/10/97	4	1.3	1.25	1.4	1.	0.03	0.173	**	**	**	**
00930p	SODIUM, DISSOLVED (MG/L AS NA)	09/18/75-03/10/97	4	1.95	1.9	2.1	1.6	0.047	0.216	**	**	**	**

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Annual Analysis for 1975 - Station ROMO0470

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00931	SODIUM ADSORPTION RATIO	09/18/75-03/23/83	4	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	09/18/75-03/23/83	4	16.5	16.75	19.	15.	4.25	2.062	**	**	**	**
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	09/18/75-03/10/97	4	0.65	0.7	0.9	0.6	0.02	0.141	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	09/18/75-03/10/97	4	1.	0.95	1.	0.8	0.01	0.1	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	09/18/75-03/10/97	4	3.5	3.75	6.	2.	2.917	1.708	**	**	**	**
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	09/18/75-03/10/97	4	0.2	0.175	0.2	0.1	0.003	0.05	**	**	**	**
00955p	SILICA, DISSOLVED (MG/L AS SI02)	09/18/75-03/10/97	4	4.3	4.45	5.	4.2	0.137	0.37	**	**	**	**
01046p	IRON, DISSOLVED (UG/L AS FE)	09/18/75-03/10/97	4	65.	75.	120.	50.	1100.	33.166	**	**	**	**
01056p	MANGANESE, DISSOLVED (UG/L AS MN)	09/18/75-03/10/97	4 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/02/70-07/11/88	12	5.5	58.458	320.	0.5	12078.43	109.902	0.65	1.25	43.	302.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/02/70-07/11/88	12	0.739	0.953	2.505	-0.301	0.881	0.938	-0.211	0.075	1.627	2.478
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			8.974								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/02/70-09/14/76	12 ##	0.75	5.917	41.	0.5	140.492	11.853	0.5	0.5	7.25	32.9
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/02/70-09/14/76	12 ##	-0.151	0.184	1.613	-0.301	0.459	0.678	-0.301	-0.301	0.791	1.473
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.528								
60050	ALGAE, TOTAL (CELLS/ML)	09/18/75-09/24/87	4	2250.	2347.5	4500.	390.	3309691.667	1819.256	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/18/75-03/10/97	4	33.	35.5	47.	29.	65.	8.062	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/18/75-06/11/87	4	31.5	31.5	36.	27.	13.667	3.697	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/09/75-09/24/87	3	52.	55.9	69.7	46.	151.83	12.322	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	09/18/75-06/11/87	4	0.045	0.048	0.06	0.04	0.	0.01	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/18/75-11/18/81	4	0.25	0.248	0.4	0.09	0.018	0.133	**	**	**	**
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	09/18/75-11/18/81	4	0.015	0.015	0.03	0.	0.	0.017	**	**	**	**

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Annual Analysis for 1976 - Station ROMO0470

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/70-03/10/97	12	6.5	7.292	16.5	0.5	33.839	5.817	0.65	1.75	12.875	16.35
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/09/74-03/10/97	12	552.	548.083	582.	498.	933.356	30.551	498.9	517.	575.	581.7
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/70-03/10/97	12	50.	49.	65.	25.	190.727	13.81	25.	39.25	60.	65.
00300p	OXYGEN, DISSOLVED MG/L	09/02/70-03/10/97	12	8.65	8.525	9.8	7.	0.886	0.941	7.06	7.6	9.4	9.68
00400p	PH (STANDARD UNITS)	09/02/70-03/10/97	12	7.6	7.608	7.9	7.2	0.064	0.254	7.23	7.4	7.875	7.9
00400p	CONVERTED PH (STANDARD UNITS)	09/02/70-03/10/97	12	7.589	7.541	7.9	7.2	0.069	0.264	7.23	7.4	7.875	7.9
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/02/70-03/10/97	12	0.026	0.029	0.063	0.013	0.	0.017	0.013	0.013	0.04	0.059
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/18/75-10/07/80	12	21.	19.167	30.	8.	53.606	7.322	8.	12.25	25.	28.8
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/18/75-11/19/92	12	0.015	0.042	0.22	0.005	0.005	0.067	0.005	0.006	0.035	0.196
00613p	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/18/75-03/10/97	12 ##	0.005	0.008	0.02	0.005	0.	0.005	0.005	0.005	0.01	0.017
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/18/75-11/18/81	12	0.085	0.1	0.26	0.03	0.006	0.075	0.03	0.033	0.138	0.248
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/18/75-03/10/97	12	0.09	0.108	0.3	0.03	0.007	0.083	0.033	0.04	0.175	0.27
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	09/18/75-03/10/97	12	0.025	0.029	0.05	0.01	0.	0.015	0.01	0.02	0.048	0.05
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/18/75-03/23/83	12	20.5	21.083	39.	9.	62.629	7.914	10.2	14.75	24.75	36.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/18/75-02/25/81	12	0.5	2.5	10.	0.	11.545	3.398	0.	0.	5.75	8.8
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	09/18/75-03/10/97	12	6.15	6.183	9.6	3.5	3.351	1.83	3.65	4.4	7.775	9.15
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/18/75-03/10/97	12	1.25	1.375	3.7	0.1	0.815	0.903	0.28	0.775	1.75	3.22
00930p	SODIUM, DISSOLVED (MG/L AS NA)	09/18/75-03/10/97	12	2.1	2.183	3.7	1.3	0.527	0.726	1.3	1.575	2.575	3.52
00931	SODIUM ADSORPTION RATIO	09/18/75-03/23/83	12	0.2	0.217	0.3	0.2	0.002	0.039	0.2	0.2	0.2	0.3
00932	SODIUM, PERCENT	09/18/75-03/23/83	12	17.5	17.917	25.	16.	5.538	2.353	16.	17.	18.	22.9
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	09/18/75-03/10/97	12	0.7	0.783	1.8	0.4	0.154	0.393	0.4	0.45	0.975	1.59
00940p	CHLORIDE,TOTAL IN WATER MG/L	09/18/75-03/10/97	12	0.65	0.733	2.	0.3	0.184	0.429	0.36	0.5	0.775	1.67
00945p	SULFATE, TOTAL (MG/L AS SO4)	09/18/75-03/10/97	12	4.	5.833	14.	2.	13.242	3.639	2.3	4.	6.75	13.4
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	09/18/75-03/10/97	11	0.1	0.145	0.2	0.1	0.003	0.052	0.1	0.1	0.2	0.2
00955p	SILICA, DISSOLVED (MG/L AS SI02)	09/18/75-03/10/97	12	4.65	4.542	5.5	3.2	0.472	0.687	3.32	3.975	5.05	5.41
01046p	IRON, DISSOLVED (UG/L AS FE)	09/18/75-03/10/97	12	80.	102.5	260.	40.	4365.909	66.075	46.	60.	110.	245.
01056p	MANGANESE, DISSOLVED (UG/L AS MN)	09/18/75-03/10/97	12 ##	5.	8.75	20.	5.	46.023	6.784	5.	5.	16.25	20.
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/02/70-07/11/88	12	18.5	57.042	280.	0.5	7584.294	87.088	0.65	3.25	76.	250.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/02/70-07/11/88	12	1.267	1.184	2.447	-0.301	0.74	0.86	-0.211	0.508	1.876	2.39

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station ROMO0470

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			15.259								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/02/70-09/14/76	9 ##	0.5	6.833	21.	0.5	74.5	8.631	0.5	0.5	16.5	21.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/02/70-09/14/76	9 ##	-0.301	0.327	1.322	-0.301	0.585	0.765	-0.301	-0.301	1.216	1.322
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.126								
60050	ALGAE, TOTAL (CELLS/ML)	09/18/75-09/24/87	12	1450.	2790.833	11000.	440.	9773390.152	3126.242	500.	745.	4025.	9560.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/18/75-03/10/97	11	37.	37.636	66.	19.	169.055	13.002	20.4	26.	47.	62.4
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/18/75-06/11/87	12	34.	33.833	57.	19.	129.606	11.384	19.	23.5	38.5	54.6
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/09/75-09/24/87	12	53.2	53.258	98.	28.2	390.732	19.767	28.29	36.625	62.7	90.02
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	09/18/75-06/11/87	12	0.05	0.05	0.09	0.02	0.	0.019	0.023	0.04	0.06	0.084
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/18/75-11/18/81	12	0.4	0.442	1.2	0.1	0.126	0.355	0.1	0.125	0.625	1.14
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	09/18/75-11/18/81	12	0.	0.016	0.07	0.	0.	0.022	0.	0.	0.03	0.058

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Annual Analysis for 1977 - Station ROMO0470

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/70-03/10/97	12	6.25	7.667	18.5	1.5	37.652	6.136	1.5	2.	13.625	17.6
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/09/74-03/10/97	9	552.	483.889	587.	100.	24316.611	155.938	100.	438.5	577.5	587.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/70-03/10/97	12	50.	52.25	70.	26.	150.568	12.271	31.4	45.75	65.	68.5
00300p	OXYGEN, DISSOLVED MG/L	09/02/70-03/10/97	12	8.6	8.567	10.1	6.8	1.132	1.064	6.92	7.775	9.5	10.01
00400p	PH (STANDARD UNITS)	09/02/70-03/10/97	12	7.45	7.5	8.3	6.8	0.147	0.384	6.92	7.3	7.75	8.18
00400p	CONVERTED PH (STANDARD UNITS)	09/02/70-03/10/97	12	7.447	7.357	8.3	6.8	0.169	0.412	6.92	7.3	7.75	8.18
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/02/70-03/10/97	12	0.036	0.044	0.158	0.005	0.002	0.04	0.007	0.018	0.05	0.13
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/18/75-10/07/80	12	20.5	20.75	27.	10.	24.386	4.938	12.1	17.25	25.	27.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/18/75-11/19/92	11	0.01	0.01	0.03	0.005	0.	0.007	0.005	0.005	0.01	0.026
00613p	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/18/75-03/10/97	12 ##	0.005	0.023	0.22	0.005	0.004	0.062	0.005	0.005	0.005	0.157
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/18/75-11/18/81	12	0.1	0.273	2.1	0.01	0.338	0.581	0.019	0.04	0.195	1.563
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/18/75-03/10/97	12	0.095	0.283	2.3	0.01	0.41	0.64	0.019	0.04	0.175	1.7
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	09/18/75-03/10/97	11	0.02	0.025	0.04	0.01	0.	0.009	0.012	0.02	0.03	0.04
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/18/75-03/23/83	12	22.5	21.667	27.	13.	14.606	3.822	14.5	19.25	24.	26.4
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/18/75-02/25/81	12	1.	1.417	6.	0.	3.72	1.929	0.	0.	2.5	5.4
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	09/18/75-03/10/97	12	6.7	6.642	7.8	4.2	1.148	1.071	4.62	6.05	7.575	7.8
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/18/75-03/10/97	12	1.2	1.233	1.8	0.7	0.09	0.299	0.76	1.025	1.4	1.74
00930p	SODIUM, DISSOLVED (MG/L AS NA)	09/18/75-03/10/97	12	2.15	2.192	3.2	1.5	0.264	0.514	1.56	1.8	2.5	3.11
00931	SODIUM ADSORPTION RATIO	09/18/75-03/23/83	12	0.2	0.217	0.3	0.2	0.002	0.039	0.2	0.2	0.2	0.3
00932	SODIUM, PERCENT	09/18/75-03/23/83	12	18.	17.333	20.	13.	5.333	2.309	13.6	15.25	19.75	20.
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	09/18/75-03/10/97	12	0.7	0.692	0.9	0.4	0.017	0.131	0.46	0.6	0.8	0.87
00940p	CHLORIDE,TOTAL IN WATER MG/L	09/18/75-03/10/97	12	0.6	0.775	2.	0.5	0.175	0.418	0.5	0.525	0.875	1.7
00945p	SULFATE, TOTAL (MG/L AS SO4)	09/18/75-03/10/97	12	4.	4.25	8.	2.	2.386	1.545	2.3	3.	5.	7.1
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	09/18/75-03/10/97	11	0.1	0.127	0.3	0.1	0.004	0.065	0.1	0.1	0.1	0.28
00955p	SILICA, DISSOLVED (MG/L AS SI02)	09/18/75-03/10/97	12	4.35	4.408	6.8	3.1	0.848	0.921	3.28	3.8	4.8	6.26
01046p	IRON, DISSOLVED (UG/L AS FE)	09/18/75-03/10/97	12	85.	90.833	150.	60.	971.97	31.176	60.	62.5	115.	147.
01056p	MANGANESE, DISSOLVED (UG/L AS MN)	09/18/75-03/10/97	12 ##	5.	6.167	20.	4.	19.061	4.366	4.3	5.	5.	15.5
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/02/70-07/11/88	12	27.	98.958	390.	0.5	19388.93	139.244	0.95	2.25	188.25	375.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/02/70-07/11/88	12	1.429	1.345	2.591	-0.301	0.93	0.964	-0.12	0.345	2.249	2.573
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			22.119								
60050	ALGAE, TOTAL (CELLS/ML)	09/18/75-09/24/87	12	3050.	3475.	6100.	1400.	2620227.273	1618.712	1550.	2075.	5325.	6010.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/18/75-03/10/97	12	34.	32.083	41.	21.	48.811	6.986	21.6	26.25	38.75	40.7
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/18/75-06/11/87	12	34.	34.25	46.	19.	54.568	7.387	21.7	29.5	38.75	45.4
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/09/75-09/24/87	12	43.05	41.717	63.7	10.5	219.678	14.822	16.38	31.575	54.225	61.57
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	09/18/75-06/11/87	12	0.045	0.044	0.06	0.03	0.	0.009	0.03	0.04	0.05	0.057
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/18/75-11/18/81	12	0.45	1.212	9.2	0.04	6.47	2.544	0.088	0.2	0.875	6.86
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	09/18/75-11/18/81	12	0.	0.063	0.72	0.	0.043	0.207	0.	0.	0.	0.513

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Annual Analysis for 1978 - Station ROMO0470

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/70-03/10/97	11	4.	6.045	15.5	1.	29.173	5.401	1.	1.5	9.	15.4
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/09/74-03/10/97	8	525.	528.125	575.	450.	2220.982	47.127	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/70-03/10/97	11	55.	48.818	65.	17.	212.164	14.566	19.8	38.	60.	64.
00300p	OXYGEN, DISSOLVED MG/L	09/02/70-03/10/97	11	8.8	8.964	12.6	6.8	2.367	1.538	7.	7.8	9.2	12.2
00400p	PH (STANDARD UNITS)	09/02/70-03/10/97	11	7.5	7.509	7.8	7.2	0.029	0.17	7.22	7.4	7.6	7.78
00400p	CONVERTED PH (STANDARD UNITS)	09/02/70-03/10/97	11	7.5	7.478	7.8	7.2	0.03	0.173	7.22	7.4	7.6	7.78
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/02/70-03/10/97	11	0.032	0.033	0.063	0.016	0.	0.014	0.017	0.025	0.04	0.061
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/18/75-10/07/80	11	20.	19.	26.	6.	42.8	6.542	7.	12.	24.	25.8
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/18/75-11/19/92	11	0.01	0.027	0.1	0.005	0.001	0.036	0.005	0.005	0.05	0.098
00613p	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/18/75-03/10/97	11	0.01	0.008	0.01	0.005	0.	0.003	0.005	0.005	0.01	0.01
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/18/75-11/18/81	11	0.11	0.112	0.23	0.02	0.005	0.071	0.022	0.04	0.18	0.222
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/18/75-03/10/97	11	0.1	0.115	0.2	0.02	0.005	0.072	0.022	0.05	0.2	0.2
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	09/18/75-03/10/97	11	0.03	0.033	0.08	0.02	0.	0.017	0.02	0.02	0.04	0.072
00666p	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/13/78-03/10/97	3	0.03	0.022	0.03	0.005	0.	0.014	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/18/75-03/23/83	11	22.	20.091	27.	7.	43.291	6.58	8.	15.	26.	27.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/18/75-02/25/81	11	1.	1.364	5.	0.	2.055	1.433	0.	0.	2.	4.4
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	09/18/75-03/10/97	11	6.5	6.1	8.3	2.6	3.758	1.939	2.82	4.2	7.9	8.24
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/18/75-03/10/97	11	1.3	1.155	1.7	0.1	0.209	0.457	0.22	1.	1.5	1.68
00930p	SODIUM, DISSOLVED (MG/L AS NA)	09/18/75-03/10/97	11	2.1	1.991	2.4	0.9	0.205	0.453	1.	2.	2.3	2.38
00931	SODIUM ADSORPTION RATIO	09/18/75-03/23/83	11	0.2	0.2	0.2	0.2	0.	0.	0.2	0.2	0.2	0.2
00932	SODIUM, PERCENT	09/18/75-03/23/83	11	19.	17.818	22.	15.	7.964	2.822	15.	15.	20.	21.8
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	09/18/75-03/10/97	11	0.8	0.727	1.1	0.2	0.068	0.261	0.24	0.6	0.9	1.06
00940p	CHLORIDE,TOTAL IN WATER MG/L	09/18/75-03/10/97	11	0.7	0.664	1.	0.4	0.051	0.225	0.4	0.4	0.8	1.
00945p	SULFATE, TOTAL (MG/L AS SO4)	09/18/75-03/10/97	11	4.	3.818	7.	2.	2.164	1.471	2.	3.	5.	6.6
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	09/18/75-03/10/97	11	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
00955p	SILICA, DISSOLVED (MG/L AS SI02)	09/18/75-03/10/97	11	5.2	5.073	6.5	3.3	1.02	1.01	3.46	4.1	5.9	6.44
01046p	IRON, DISSOLVED (UG/L AS FE)	09/18/75-03/10/97	11	110.	123.636	220.	80.	1865.455	43.191	80.	90.	150.	210.
01056p	MANGANESE, DISSOLVED (UG/L AS MN)	09/18/75-03/10/97	11 ##	5.	4.227	5.	0.5	2.368	1.539	0.8	4.	5.	5.
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/02/70-07/11/88	12	90.	285.25	1100.	7.	167286.205	409.006	8.8	18.75	462.5	1100.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/02/70-07/11/88	12	1.929	1.934	3.041	0.845	0.586	0.766	0.926	1.272	2.653	3.041
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			85.957								
60050	ALGAE, TOTAL (CELLS/ML)	09/18/75-09/24/87	11	3400.	5073.636	12000.	110.	23160225.455	4812.507	122.	530.	11000.	12000.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/18/75-03/10/97	11	32.	31.	40.	10.	89.6	9.466	11.8	25.	38.	40.
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/18/75-06/11/87	11	34.	31.818	44.	16.	67.164	8.195	16.8	29.	37.	42.8
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/09/75-09/24/87	11	43.2	43.064	62.1	15.5	164.345	12.82	18.04	38.8	51.3	60.48
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	09/18/75-06/11/87	11	0.04	0.04	0.05	0.01	0.	0.013	0.014	0.03	0.05	0.05
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/18/75-11/18/81	11	0.5	0.499	1.	0.09	0.095	0.308	0.092	0.2	0.8	0.96
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	09/18/75-11/18/81	11	0.03	0.016	0.03	0.	0.	0.016	0.	0.	0.03	0.03

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Annual Analysis for 1979 - Station ROMO0470

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/70-03/10/97	12	4.75	6.083	14.	1.	26.447	5.143	1.	1.5	11.75	14.
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/09/74-03/10/97	10	500.	487.5	575.	300.	5451.389	73.834	315.	487.5	512.5	572.5
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/70-03/10/97	12	44.	43.583	60.	22.	187.902	13.708	23.2	29.75	55.	60.
00300p	OXYGEN, DISSOLVED MG/L	09/02/70-03/10/97	12	9.1	9.158	10.6	7.9	1.314	1.146	7.9	8.	10.2	10.54
00400p	PH (STANDARD UNITS)	09/02/70-03/10/97	12	7.25	7.208	7.8	6.6	0.094	0.306	6.66	7.05	7.375	7.68
00400p	CONVERTED PH (STANDARD UNITS)	09/02/70-03/10/97	12	7.247	7.104	7.8	6.6	0.105	0.325	6.66	7.05	7.375	7.68
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/02/70-03/10/97	12	0.057	0.079	0.251	0.016	0.004	0.065	0.023	0.042	0.091	0.223
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/18/75-10/07/80	12	17.5	14.75	23.	4.	43.841	6.621	4.6	7.75	20.75	22.4
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/18/75-11/19/92	11	0.02	0.024	0.08	0.01	0.	0.021	0.01	0.01	0.03	0.072
00613p	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/18/75-03/10/97	12	0.01	0.008	0.01	0.005	0.	0.002	0.005	0.005	0.01	0.01
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/18/75-11/18/81	12	0.105	0.093	0.16	0.01	0.003	0.055	0.01	0.03	0.138	0.157
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/18/75-03/10/97	12	0.1	0.093	0.2	0.02	0.004	0.061	0.02	0.03	0.1	0.2
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	09/18/75-03/10/97	12	0.025	0.023	0.04	0.01	0.	0.01	0.01	0.013	0.03	0.037

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station ROMO0470

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00666p	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/13/78-03/10/97	12	0.01	0.017	0.04	0.	0.	0.012	0.003	0.01	0.028	0.037
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/18/75-03/23/83	12	17.	16.75	27.	7.	51.841	7.2	7.	8.75	23.75	26.1
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/18/75-02/25/81	12	3.	2.333	5.	0.	3.333	1.826	0.	0.25	4.	4.7
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	09/18/75-03/10/97	12	5.1	5.067	8.3	2.1	4.515	2.125	2.19	2.7	7.1	8.03
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/18/75-03/10/97	12	1.	0.975	1.4	0.3	0.188	0.433	0.33	0.525	1.4	1.4
00930p	SODIUM, DISSOLVED (MG/L AS NA)	09/18/75-03/10/97	12	2.15	2.108	2.8	1.4	0.224	0.474	1.4	1.7	2.5	2.74
00931	SODIUM ADSORPTION RATIO	09/18/75-03/23/83	12	0.2	0.217	0.3	0.2	0.002	0.039	0.2	0.2	0.2	0.3
00932	SODIUM, PERCENT	09/18/75-03/23/83	12	22.	23.	31.	16.	23.273	4.824	16.6	19.	27.75	30.1
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	09/18/75-03/10/97	12	0.65	0.658	1.1	0.3	0.044	0.211	0.33	0.525	0.8	1.01
00940p	CHLORIDE,TOTAL IN WATER MG/L	09/18/75-03/10/97	12	0.7	0.708	1.	0.5	0.032	0.178	0.5	0.525	0.8	1.
00945p	SULFATE, TOTAL (MG/L AS SO4)	09/18/75-03/10/97	12	5.	5.475	11.	0.7	7.435	2.727	1.39	4.	7.75	10.1
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	09/18/75-03/10/97	12	0.2	0.183	0.4	0.1	0.007	0.083	0.1	0.1	0.2	0.34
00955p	SILICA, DISSOLVED (MG/L AS SI02)	09/18/75-03/10/97	12	5.25	5.225	7.	3.1	1.329	1.153	3.19	4.75	6.05	6.88
01046p	IRON, DISSOLVED (UG/L AS FE)	09/18/75-03/10/97	12	100.	111.667	190.	50.	2160.606	46.482	53.	70.	157.5	181.
01056p	MANGANESE, DISSOLVED (UG/L AS MN)	09/18/75-03/10/97	12	5.	4.75	8.	2.	4.205	2.05	2.	2.5	5.75	8.
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/02/70-07/11/88	10	125.	531.9	2700.	4.	729235.211	853.953	4.	16.	935.	2540.
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/02/70-07/11/88	10	2.088	2.045	3.431	0.602	0.96	0.98	0.602	1.126	2.969	3.392
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			111.023								
60050	ALGAE, TOTAL (CELLS/ML)	09/18/75-09/24/87	9	620.	1810.	6400.	120.	4375100.	2091.674	120.	205.	2950.	6400.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/18/75-03/10/97	12	39.5	34.333	48.	16.	165.333	12.858	16.3	20.25	45.75	48.
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/18/75-06/11/87	12	29.5	29.833	38.	18.	50.515	7.107	19.5	23.25	37.75	38.
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/09/75-09/24/87	10	50.6	45.62	66.8	13.	371.54	19.275	13.99	24.925	62.775	66.6
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	09/18/75-06/11/87	12	0.05	0.047	0.07	0.02	0.	0.018	0.02	0.03	0.06	0.07
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/18/75-11/18/81	12	0.45	0.414	0.7	0.04	0.061	0.247	0.04	0.143	0.6	0.7
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	09/18/75-11/18/81	12	0.03	0.02	0.03	0.	0.	0.015	0.	0.	0.03	0.03
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	04/18/79-09/24/85	9	0.06	0.06	0.09	0.03	0.001	0.026	0.03	0.03	0.09	0.09

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station ROMO0470

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/70-03/10/97	12	6.25	6.958	17.5	0.	33.703	5.805	0.45	1.625	12.375	16.3
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/09/74-03/10/97	9	400.	380.222	574.	200.	21107.444	145.284	200.	200.	499.	574.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/70-03/10/97	12	53.	47.833	75.	21.	284.152	16.857	22.5	29.5	60.	70.5
00300p	OXYGEN, DISSOLVED MG/L	09/02/70-03/10/97	12	8.6	8.808	11.4	7.2	1.87	1.367	7.2	7.475	9.95	11.1
00400p	PH (STANDARD UNITS)	09/02/70-03/10/97	12	7.05	7.108	7.8	6.8	0.117	0.342	6.8	6.8	7.2	7.77
00400p	CONVERTED PH (STANDARD UNITS)	09/02/70-03/10/97	12	7.047	7.013	7.8	6.8	0.127	0.357	6.8	6.8	7.2	7.77
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/02/70-03/10/97	12	0.09	0.097	0.158	0.016	0.003	0.054	0.017	0.063	0.158	0.158
00403	PH, LAB, STANDARD UNITS SU	11/19/80-03/10/97	2	7.35	7.35	7.4	7.3	0.005	0.071	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	11/19/80-03/10/97	2	7.347	7.347	7.4	7.3	0.005	0.071	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/19/80-03/10/97	2	0.045	0.045	0.05	0.04	0.	0.007	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/18/75-10/07/80	10	19.5	16.5	25.	5.	47.833	6.916	5.2	9.25	22.	24.7
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/18/75-11/19/92	12	0.05	0.043	0.12	0.	0.001	0.036	0.	0.005	0.06	0.105
00613p	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/18/75-03/10/97	12	0.005	0.006	0.02	0.	0.	0.007	0.	0.	0.01	0.017
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/18/75-11/18/81	12	0.11	0.093	0.17	0.	0.005	0.07	0.	0.008	0.158	0.17
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/18/75-03/10/97	12	0.1	0.109	0.2	0.	0.008	0.087	0.	0.01	0.2	0.2
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	09/18/75-03/10/97	12	0.035	0.061	0.35	0.01	0.008	0.092	0.013	0.023	0.05	0.263
00666p	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/13/78-03/10/97	12	0.025	0.025	0.04	0.01	0.	0.012	0.01	0.013	0.038	0.04
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/18/75-03/23/83	12	18.5	17.	25.	7.	35.818	5.985	7.3	11.	21.75	24.4
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/18/75-02/25/81	12	0.	0.917	5.	0.	2.447	1.564	0.	0.	1.	4.4
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	09/18/75-03/10/97	12	5.6	5.	7.	1.8	3.151	1.775	1.98	3.225	6.525	6.88
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/18/75-03/10/97	12	1.05	1.083	1.8	0.6	0.149	0.386	0.6	0.675	1.3	1.74
00930p	SODIUM, DISSOLVED (MG/L AS NA)	09/18/75-03/10/97	12	1.95	2.117	4.7	1.3	0.823	0.907	1.33	1.525	2.375	4.01
00931	SODIUM ADSORPTION RATIO	09/18/75-03/23/83	12	0.2	0.217	0.4	0.2	0.003	0.058	0.2	0.2	0.2	0.34
00932	SODIUM, PERCENT	09/18/75-03/23/83	12	19.	21.167	28.	17.	18.152	4.26	17.	18.	26.	28.
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	09/18/75-03/10/97	12	0.7	0.633	0.8	0.3	0.026	0.161	0.33	0.525	0.775	0.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station ROMO0470

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00940p	CHLORIDE,TOTAL IN WATER MG/L	09/18/75-03/10/97	12	0.5	0.658	2.	0.2	0.237	0.487	0.23	0.4	0.9	1.7
00945p	SULFATE, TOTAL (MG/L AS SO4)	09/18/75-03/10/97	12	2.	2.567	8.	0.8	3.781	1.944	0.86	1.25	3.	6.8
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	09/18/75-03/10/97	12	0.2	0.175	0.3	0.	0.006	0.075	0.03	0.125	0.2	0.27
00955p	SILICA, DISSOLVED (MG/L AS SI02)	09/18/75-03/10/97	12	5.15	5.208	10.	3.8	2.774	1.665	3.83	3.925	5.525	8.71
01046p	IRON, DISSOLVED (UG/L AS FE)	09/18/75-03/10/97	12	80.	90.833	250.	50.	3135.606	55.996	50.	50.	107.5	211.
01056p	MANGANESE, DISSOLVED (UG/L AS MN)	09/18/75-03/10/97	12	4.	5.333	20.	0.5	30.015	5.479	0.5	1.25	8.	16.4
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/02/70-07/11/88	6	325.	641.667	2400.	120.	769256.667	877.073	**	**	**	**
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/02/70-07/11/88	6	2.464	2.554	3.38	2.079	0.228	0.477	**	**	**	**
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			358.204								
60050	ALGAE, TOTAL (CELLS/ML)	09/18/75-09/24/87	5	2500.	3156.	6900.	680.	6722680.	2592.813	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/18/75-03/10/97	10	40.5	38.4	67.	22.	187.822	13.705	22.2	24.75	44.75	65.
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/18/75-06/11/87	12	31.	28.917	48.	15.	90.629	9.52	15.6	19.	34.	44.4
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/09/75-09/24/87	9	29.7	32.7	46.5	23.8	56.423	7.511	23.8	26.2	38.25	46.5
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	09/18/75-06/11/87	12	0.05	0.05	0.09	0.03	0.	0.018	0.03	0.033	0.06	0.081
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/18/75-11/18/81	12	0.45	0.417	0.8	0.	0.107	0.327	0.	0.025	0.7	0.8
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	09/18/75-11/18/81	12	0.015	0.018	0.07	0.	0.	0.022	0.	0.	0.03	0.058
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	04/18/79-09/24/85	12	0.105	0.187	1.1	0.03	0.085	0.291	0.039	0.068	0.15	0.824

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station ROMO0470

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/70-03/10/97	12	8.5	8.333	17.	1.5	33.561	5.793	1.65	2.5	14.125	16.55
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/09/74-03/10/97	12	555.	556.333	577.	500.	431.879	20.782	515.	550.	571.75	576.4
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/70-03/10/97	12	50.5	48.333	58.	28.	78.606	8.866	30.4	44.	55.25	57.7
00300p	OXYGEN, DISSOLVED MG/L	09/02/70-03/10/97	12	8.75	8.8	11.2	7.2	1.416	1.19	7.26	7.65	9.65	10.84
00400p	PH (STANDARD UNITS)	09/02/70-03/10/97	12	7.15	7.283	8.2	7.	0.114	0.338	7.	7.1	7.375	8.02
00400p	CONVERTED PH (STANDARD UNITS)	09/02/70-03/10/97	12	7.147	7.203	8.2	7.	0.121	0.348	7.	7.1	7.375	8.02
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/02/70-03/10/97	12	0.071	0.063	0.1	0.006	0.001	0.029	0.012	0.042	0.079	0.1
00403	PH, LAB, STANDARD UNITS SU	11/19/80-03/10/97	12	7.65	7.583	8.1	7.1	0.083	0.289	7.13	7.4	7.8	8.01
00403	CONVERTED PH, LAB, STANDARD UNITS	11/19/80-03/10/97	12	7.647	7.497	8.1	7.1	0.092	0.303	7.13	7.4	7.8	8.01
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/19/80-03/10/97	12	0.023	0.032	0.079	0.008	0.	0.022	0.01	0.016	0.04	0.075
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/18/75-11/19/92	12	0.1	0.104	0.23	0.01	0.004	0.062	0.016	0.06	0.135	0.218
00613p	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/18/75-03/10/97	11	0.01	0.007	0.02	0.	0.	0.008	0.	0.	0.01	0.02
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/18/75-11/18/81	8	0.04	0.044	0.1	0.	0.001	0.037	**	**	**	**
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/18/75-03/10/97	12	0.045	0.052	0.1	0.	0.001	0.035	0.003	0.025	0.093	0.1
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	09/18/75-03/10/97	12	0.03	0.033	0.06	0.01	0.	0.016	0.013	0.02	0.048	0.06
00666p	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/13/78-03/10/97	12	0.01	0.016	0.04	0.005	0.	0.011	0.005	0.01	0.02	0.037
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/18/75-03/23/83	12	19.5	18.333	23.	11.	14.97	3.869	11.3	15.5	21.5	22.7
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/18/75-02/25/81	2	1.	1.	2.	0.	2.	1.414	**	**	**	**
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	09/18/75-03/10/97	12	5.9	5.55	6.9	3.1	1.39	1.179	3.31	4.725	6.525	6.84
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/18/75-03/10/97	12	1.15	1.083	1.4	0.7	0.054	0.233	0.7	0.9	1.275	1.37
00930p	SODIUM, DISSOLVED (MG/L AS NA)	09/18/75-03/10/97	12	2.2	2.225	2.7	1.4	0.113	0.336	1.58	2.1	2.475	2.67
00931	SODIUM ADSORPTION RATIO	09/18/75-03/23/83	12	0.2	0.208	0.3	0.2	0.001	0.029	0.2	0.2	0.2	0.27
00932	SODIUM, PERCENT	09/18/75-03/23/83	12	20.	20.333	25.	17.	4.606	2.146	17.6	19.	21.75	24.4
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	09/18/75-03/10/97	12	0.7	0.667	0.8	0.4	0.022	0.15	0.43	0.525	0.8	0.8
00940p	CHLORIDE,TOTAL IN WATER MG/L	09/18/75-03/10/97	12	0.3	0.363	0.6	0.05	0.031	0.175	0.095	0.225	0.5	0.6
00945p	SULFATE, TOTAL (MG/L AS SO4)	09/18/75-03/10/97	12	2.	2.483	6.	0.8	3.558	1.886	0.86	1.	3.625	6.
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	09/18/75-03/10/97	12	0.1	0.117	0.2	0.1	0.002	0.039	0.1	0.1	0.1	0.2
00955p	SILICA, DISSOLVED (MG/L AS SI02)	09/18/75-03/10/97	12	3.25	3.342	4.5	2.6	0.217	0.466	2.72	3.1	3.575	4.26
01046p	IRON, DISSOLVED (UG/L AS FE)	09/18/75-03/10/97	12	39.5	41.083	90.	19.	450.447	21.224	19.3	22.25	48.75	84.
01056p	MANGANESE, DISSOLVED (UG/L AS MN)	09/18/75-03/10/97	12	1.	1.417	3.	0.5	0.583	0.764	0.5	1.	2.	2.7
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/02/70-07/11/88	6	850.	976.667	1400.	540.	121306.667	348.291	**	**	**	**
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/02/70-07/11/88	6	2.929	2.966	3.146	2.732	0.025	0.158	**	**	**	**
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			925.075								
60050	ALGAE, TOTAL (CELLS/ML)	09/18/75-09/24/87	5	7300.	7460.	12000.	3700.	10103000.	3178.522	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station ROMO0470

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/18/75-06/11/87	10	29.	27.7	35.	16.	34.456	5.87	16.5	23.25	32.25	34.8
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/09/75-09/24/87	10	44.	41.79	52.5	24.9	71.192	8.438	25.65	34.8	47.9	52.16
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	09/18/75-06/11/87	10	0.04	0.037	0.05	0.02	0.	0.008	0.021	0.03	0.04	0.049
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/18/75-11/18/81	8	0.2	0.188	0.4	0.	0.03	0.173	**	**	**	**
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	09/18/75-11/18/81	9	0.	0.022	0.07	0.	0.001	0.03	0.	0.	0.05	0.07
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	04/18/79-09/24/85	12	0.09	0.1	0.18	0.03	0.002	0.048	0.039	0.06	0.143	0.18

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station ROMO0470

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/70-03/10/97	11	7.	7.182	15.	1.5	26.564	5.154	1.5	2.	12.	14.7
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/09/74-03/10/97	11	401.	398.455	575.	1.	34158.273	184.82	40.8	300.	550.	572.4
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/70-03/10/97	11	45.	48.455	79.	23.	392.473	19.811	24.4	32.	68.	78.2
00300p	OXYGEN, DISSOLVED MG/L	09/02/70-03/10/97	10	8.7	9.06	12.	7.4	1.745	1.321	7.43	8.15	9.8	11.78
00400p	PH (STANDARD UNITS)	09/02/70-03/10/97	11	7.	7.145	8.1	6.8	0.167	0.408	6.82	6.9	7.5	8.
00400p	CONVERTED PH (STANDARD UNITS)	09/02/70-03/10/97	11	7.	7.03	8.1	6.8	0.181	0.426	6.82	6.9	7.5	8.
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/02/70-03/10/97	11	0.1	0.093	0.158	0.008	0.002	0.049	0.011	0.032	0.126	0.152
00403	PH, LAB, STANDARD UNITS SU	11/19/80-03/10/97	11	7.8	7.8	8.2	7.3	0.096	0.31	7.3	7.6	8.	8.2
00403	CONVERTED PH, LAB, STANDARD UNITS	11/19/80-03/10/97	11	7.8	7.695	8.2	7.3	0.108	0.329	7.3	7.6	8.	8.2
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/19/80-03/10/97	11	0.016	0.02	0.05	0.006	0.	0.016	0.006	0.01	0.025	0.05
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/18/75-11/19/92	11	0.1	0.106	0.21	0.03	0.003	0.054	0.03	0.07	0.14	0.2
00613p	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/18/75-03/10/97	11 ##	0.01	0.01	0.01	0.01	0.	0.	0.01	0.01	0.01	0.01
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/18/75-03/10/97	11 ##	0.05	0.054	0.1	0.045	0.	0.015	0.046	0.05	0.05	0.09
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	09/18/75-03/10/97	11	0.03	0.53	5.	0.005	2.227	1.492	0.005	0.01	0.06	4.118
00666p	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/13/78-03/10/97	11	0.03	0.025	0.05	0.005	0.	0.015	0.005	0.01	0.04	0.048
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/18/75-03/23/83	11	17.	16.545	25.	5.	54.273	7.367	5.6	11.	24.	24.8
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	09/18/75-03/10/97	11	5.	4.982	7.5	1.5	4.774	2.185	1.7	3.4	7.2	7.44
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/18/75-03/10/97	11	1.1	1.009	1.5	0.4	0.179	0.423	0.42	0.5	1.4	1.48
00930p	SODIUM, DISSOLVED (MG/L AS NA)	09/18/75-03/10/97	11	2.1	2.018	2.5	1.4	0.19	0.435	1.42	1.5	2.4	2.5
00931	SODIUM ADSORPTION RATIO	09/18/75-03/23/83	11	0.2	0.218	0.3	0.2	0.002	0.04	0.2	0.2	0.2	0.3
00932	SODIUM, PERCENT	09/18/75-03/23/83	11	20.	21.545	34.	17.	29.873	5.466	17.	17.	26.	32.6
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	09/18/75-03/10/97	11	0.8	0.7	0.9	0.4	0.034	0.184	0.42	0.5	0.9	0.9
00940p	CHLORIDE,TOTAL IN WATER MG/L	09/18/75-03/10/97	11	0.6	0.818	3.	0.4	0.544	0.737	0.42	0.5	0.8	2.58
00945p	SULFATE, TOTAL (MG/L AS SO4)	09/18/75-03/10/97	11	5.	4.045	6.	2.5	2.323	1.524	2.5	2.5	5.	6.
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	09/18/75-03/10/97	11	0.2	0.182	0.2	0.1	0.002	0.04	0.1	0.2	0.2	0.2
00955p	SILICA, DISSOLVED (MG/L AS SI02)	09/18/75-03/10/97	11	3.8	3.636	5.3	2.4	0.861	0.928	2.42	2.7	4.3	5.14
01046p	IRON, DISSOLVED (UG/L AS FE)	09/18/75-03/10/97	11	86.	76.	170.	13.	2731.4	52.263	14.2	22.	100.	164.
01056p	MANGANESE, DISSOLVED (UG/L AS MN)	09/18/75-03/10/97	11	5.	9.227	34.	0.5	110.468	10.51	0.8	3.	19.	31.2
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/02/70-07/11/88	6	900.	2848.333	13000.	17.	25457520.267	5045.545	**	**	**	**
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/02/70-07/11/88	6	2.874	2.716	4.114	1.23	1.096	1.047	**	**	**	**
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			520.46								
60050	ALGAE, TOTAL (CELLS/ML)	09/18/75-09/24/87	4	7350.	8050.	16000.	1500.	40376666.667	6354.264	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/18/75-06/11/87	6	33.	32.167	39.	24.	37.767	6.145	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/09/75-09/24/87	6	40.2	34.743	57.9	0.06	486.002	22.045	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	09/18/75-06/11/87	6	0.045	0.043	0.05	0.03	0.	0.008	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	04/18/79-09/24/85	9	0.12	1.943	15.	0.03	24.292	4.929	0.03	0.06	0.99	15.

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Annual Analysis for 1983 - Station ROMO0470

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/70-03/10/97	13	9.	7.423	16.	1.	29.41	5.423	1.2	1.75	11.5	15.8
00025	BAROMETRIC PRESSURE (MM OF HG)	04/20/83-03/10/97	10	580.	576.5	585.	555.	78.056	8.835	556.5	573.75	581.25	585.
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/09/74-03/10/97	13	395.	325.769	503.	18.	23282.526	152.586	90.8	200.5	462.	502.2
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/70-03/10/97	13	45.	45.154	62.	22.	175.641	13.253	22.4	37.5	58.	60.4
00300p	OXYGEN, DISSOLVED MG/L	09/02/70-03/10/97	13	8.8	8.877	10.2	7.4	0.667	0.817	7.68	8.25	9.55	10.04
00400p	PH (STANDARD UNITS)	09/02/70-03/10/97	13	7.6	7.462	8.1	6.9	0.113	0.336	6.98	7.1	7.7	7.94
00400p	CONVERTED PH (STANDARD UNITS)	09/02/70-03/10/97	13	7.6	7.345	8.1	6.9	0.127	0.357	6.98	7.1	7.7	7.94
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/02/70-03/10/97	13	0.025	0.045	0.126	0.008	0.001	0.035	0.013	0.02	0.079	0.107
00403	PH, LAB, STANDARD UNITS SU	11/19/80-03/10/97	13	7.4	7.369	7.6	7.1	0.027	0.165	7.1	7.25	7.5	7.6
00403	CONVERTED PH, LAB, STANDARD UNITS	11/19/80-03/10/97	13	7.4	7.339	7.6	7.1	0.028	0.168	7.1	7.25	7.5	7.6
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/19/80-03/10/97	13	0.04	0.046	0.079	0.025	0.	0.018	0.025	0.032	0.057	0.079
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/18/75-11/19/92	13	0.08	0.077	0.15	0.02	0.002	0.039	0.02	0.04	0.1	0.138
00613p	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/18/75-03/10/97	13 ##	0.01	0.01	0.02	0.005	0.	0.004	0.005	0.01	0.01	0.016
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/18/75-03/10/97	13 ##	0.05	0.077	0.2	0.05	0.002	0.044	0.05	0.05	0.1	0.16
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	09/18/75-03/10/97	13	0.03	0.033	0.07	0.005	0.	0.02	0.005	0.02	0.045	0.066
00666p	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/13/78-03/10/97	13	0.02	0.024	0.08	0.005	0.	0.019	0.005	0.015	0.025	0.064
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/18/75-03/23/83	3	23.	22.667	24.	21.	2.333	1.528	**	**	**	**
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	09/18/75-03/10/97	13	6.	5.469	8.1	2.3	3.696	1.922	2.34	4.15	7.2	7.82
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/18/75-03/10/97	13	1.1	1.1	1.8	0.4	0.148	0.385	0.44	0.9	1.35	1.68
00930p	SODIUM, DISSOLVED (MG/L AS NA)	09/18/75-03/10/97	13	2.2	2.2	3.7	1.1	0.463	0.681	1.18	1.75	2.55	3.38
00931	SODIUM ADSORPTION RATIO	09/18/75-03/23/83	3	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	09/18/75-03/23/83	3	18.	18.	18.	18.	0.	0.	**	**	**	**
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	09/18/75-03/10/97	13	0.8	0.715	1.1	0.4	0.043	0.208	0.4	0.55	0.85	1.02
00940p	CHLORIDE,TOTAL IN WATER MG/L	09/18/75-03/10/97	13	0.5	0.715	2.	0.3	0.206	0.454	0.3	0.45	0.95	1.6
00945p	SULFATE, TOTAL (MG/L AS SO4)	09/18/75-03/10/97	13	5.	5.115	10.	2.5	4.34	2.083	3.1	4.	5.	9.6
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	09/18/75-03/10/97	13	0.1	0.146	0.2	0.1	0.003	0.052	0.1	0.1	0.2	0.2
00955p	SILICA, DISSOLVED (MG/L AS SI02)	09/18/75-03/10/97	13	4.5	4.915	8.2	3.5	2.078	1.442	3.66	4.1	4.8	8.08
01046p	IRON, DISSOLVED (UG/L AS FE)	09/18/75-03/10/97	13	66.	93.	280.	35.	4757.	68.971	37.	48.5	112.	240.
01056p	MANGANESE, DISSOLVED (UG/L AS MN)	09/18/75-03/10/97	13	6.	8.923	24.	3.	47.577	6.898	3.	4.	12.5	22.8
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/02/70-07/11/88	7	570.	556.714	1550.	35.	297278.905	545.233	**	**	**	**
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/02/70-07/11/88	7	2.756	2.449	3.19	1.544	0.422	0.649	**	**	**	**
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			281.076								
60050	ALGAE, TOTAL (CELLS/ML)	09/18/75-09/24/87	7	5900.	6017.143	15000.	790.	29314490.476	5414.286	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/18/75-06/11/87	2	38.	38.	40.	36.	8.	2.828	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/09/75-09/24/87	2	32.85	32.85	45.9	19.8	340.605	18.455	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	09/18/75-06/11/87	2	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	04/18/79-09/24/85	11	0.12	0.115	0.21	0.06	0.002	0.05	0.06	0.06	0.15	0.204

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station ROMO0470

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/70-03/10/97	11	5.5	7.182	15.	2.	28.814	5.368	2.	2.	13.	14.8
00025	BAROMETRIC PRESSURE (MM OF HG)	04/20/83-03/10/97	11	575.	575.	580.	570.	20.	4.472	570.	570.	580.	580.
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/09/74-03/10/97	11	499.	439.545	574.	197.	18681.473	136.68	198.2	359.	557.	574.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/70-03/10/97	11	36.	38.	58.	19.	155.6	12.474	19.8	30.	52.	57.
00300p	OXYGEN, DISSOLVED MG/L	09/02/70-03/10/97	11	9.2	9.191	10.4	7.4	0.847	0.92	7.58	8.7	10.	10.36
00400p	PH (STANDARD UNITS)	09/02/70-03/10/97	10	7.15	7.03	7.6	6.3	0.131	0.362	6.33	6.825	7.2	7.56
00400p	CONVERTED PH (STANDARD UNITS)	09/02/70-03/10/97	10	7.147	6.874	7.6	6.3	0.158	0.398	6.33	6.825	7.2	7.56
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/02/70-03/10/97	10	0.071	0.134	0.501	0.025	0.021	0.143	0.029	0.063	0.157	0.476
00403	PH, LAB, STANDARD UNITS SU	11/19/80-03/10/97	11	7.4	7.445	7.8	7.1	0.043	0.207	7.12	7.3	7.6	7.78
00403	CONVERTED PH, LAB, STANDARD UNITS	11/19/80-03/10/97	11	7.4	7.402	7.8	7.1	0.045	0.212	7.12	7.3	7.6	7.78
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/19/80-03/10/97	11	0.04	0.04	0.079	0.016	0.	0.019	0.017	0.025	0.05	0.076
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/18/75-11/19/92	11	0.05	0.058	0.15	0.01	0.002	0.039	0.014	0.03	0.08	0.138
00613p	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/18/75-03/10/97	11 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/18/75-03/10/97	11 ##	0.05	0.064	0.1	0.005	0.001	0.031	0.014	0.05	0.1	0.1

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Annual Analysis for 1984 - Station ROMO0470

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	09/18/75-03/10/97	11	0.02	0.019	0.04	0.01	0.	0.01	0.01	0.01	0.03	0.038
00666p	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/13/78-03/10/97	11	0.01	0.012	0.03	0.005	0.	0.007	0.005	0.01	0.01	0.028
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	09/18/75-03/10/97	11	4.	4.327	6.5	1.9	2.856	1.69	1.96	2.7	6.2	6.48
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/18/75-03/10/97	11	0.9	0.909	1.3	0.4	0.095	0.308	0.42	0.7	1.2	1.3
00930p	SODIUM, DISSOLVED (MG/L AS NA)	09/18/75-03/10/97	11	1.7	1.709	2.3	1.	0.169	0.411	1.04	1.5	2.	2.3
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	09/18/75-03/10/97	11	0.6	0.618	0.8	0.4	0.02	0.14	0.4	0.5	0.7	0.8
00940p	CHLORIDE,TOTAL IN WATER MG/L	09/18/75-03/10/97	11	0.6	0.618	0.9	0.3	0.024	0.154	0.34	0.6	0.7	0.88
00945p	SULFATE, TOTAL (MG/L AS SO4)	09/18/75-03/10/97	11	5.	4.909	8.	3.	1.691	1.3	3.2	4.	5.	7.6
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	09/18/75-03/10/97	11	0.1	0.119	0.2	0.005	0.004	0.059	0.024	0.1	0.2	0.2
00955p	SILICA, DISSOLVED (MG/L AS SI02)	09/18/75-03/10/97	11	4.6	4.645	6.4	3.4	0.553	0.743	3.54	4.2	4.9	6.12
01046p	IRON, DISSOLVED (UG/L AS FE)	09/18/75-03/10/97	11	100.	110.727	180.	64.	1665.618	40.812	64.6	71.	130.	180.
01056p	MANGANESE, DISSOLVED (UG/L AS MN)	09/18/75-03/10/97	11	6.	9.5	19.	0.5	44.15	6.645	0.8	4.	16.	18.8
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/02/70-07/11/88	4	890.	825.	1300.	220.	208100.	456.18	**	**	**	**
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/02/70-07/11/88	4	2.946	2.837	3.114	2.342	0.117	0.342	**	**	**	**
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			687.251								
60050	ALGAE, TOTAL (CELLS/ML)	09/18/75-09/24/87	5	3700.	3636.	4610.	2460.	769330.	877.115	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	04/18/79-09/24/85	4	0.045	0.053	0.09	0.03	0.001	0.029	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station ROMO0470

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/70-03/10/97	11	7.	7.455	15.	2.	22.073	4.698	2.	3.	12.	14.8
00025	BAROMETRIC PRESSURE (MM OF HG)	04/20/83-03/10/97	11	575.	573.273	582.	555.	72.418	8.51	557.	565.	580.	582.
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/09/74-03/10/97	11	427.	395.182	548.	4.	25536.164	159.8	42.6	398.	501.	539.4
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/70-03/10/97	11	40.	40.818	52.	29.	62.964	7.935	29.4	33.	48.	51.6
00300p	OXYGEN, DISSOLVED MG/L	09/02/70-03/10/97	11	9.4	9.191	11.	7.5	1.017	1.008	7.6	8.5	9.9	10.8
00400p	PH (STANDARD UNITS)	09/02/70-03/10/97	11	7.2	7.336	8.5	6.9	0.175	0.418	6.94	7.1	7.4	8.3
00400p	CONVERTED PH (STANDARD UNITS)	09/02/70-03/10/97	11	7.2	7.229	8.5	6.9	0.187	0.433	6.94	7.1	7.4	8.3
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/02/70-03/10/97	11	0.063	0.059	0.126	0.003	0.001	0.031	0.009	0.04	0.079	0.117
00403	PH, LAB, STANDARD UNITS SU	11/19/80-03/10/97	11	7.6	7.627	8.5	7.	0.186	0.431	7.	7.4	7.9	8.4
00403	CONVERTED PH, LAB, STANDARD UNITS	11/19/80-03/10/97	11	7.6	7.452	8.5	7.	0.22	0.469	7.	7.4	7.9	8.4
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/19/80-03/10/97	11	0.025	0.035	0.1	0.003	0.001	0.034	0.005	0.013	0.04	0.1
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/18/75-11/19/92	10	0.06	0.057	0.07	0.04	0.	0.008	0.041	0.05	0.06	0.069
00613p	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/18/75-03/10/97	11 ##	0.005	0.005	0.01	0.005	0.	0.002	0.005	0.005	0.005	0.009
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/18/75-03/10/97	11 ##	0.05	0.1	0.5	0.05	0.018	0.134	0.05	0.05	0.1	0.42
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	09/18/75-03/10/97	10	0.02	0.02	0.04	0.01	0.	0.011	0.01	0.01	0.03	0.039
00666p	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/13/78-03/10/97	11	0.01	0.016	0.07	0.005	0.	0.019	0.005	0.005	0.02	0.06
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	09/18/75-03/10/97	11	4.7	4.945	6.5	3.	1.339	1.157	3.04	4.5	6.	6.42
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/18/75-03/10/97	11	1.1	1.073	1.4	0.6	0.058	0.241	0.62	1.	1.2	1.38
00930p	SODIUM, DISSOLVED (MG/L AS NA)	09/18/75-03/10/97	11	2.	1.855	2.2	1.2	0.101	0.317	1.24	1.6	2.1	2.18
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	09/18/75-03/10/97	10	0.75	0.8	1.5	0.4	0.093	0.306	0.42	0.6	0.875	1.46
00940p	CHLORIDE,TOTAL IN WATER MG/L	09/18/75-03/10/97	11	0.7	0.645	1.	0.3	0.045	0.211	0.32	0.5	0.8	0.98
00945p	SULFATE, TOTAL (MG/L AS SO4)	09/18/75-03/10/97	11	5.	5.091	7.	4.	0.691	0.831	4.	5.	5.	6.8
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	09/18/75-03/10/97	11	0.1	0.123	0.2	0.05	0.003	0.052	0.06	0.1	0.2	0.2
00955p	SILICA, DISSOLVED (MG/L AS SI02)	09/18/75-03/10/97	11	4.2	4.236	5.	3.1	0.415	0.644	3.18	3.7	4.9	5.
01046p	IRON, DISSOLVED (UG/L AS FE)	09/18/75-03/10/97	11	75.	88.091	230.	59.	2429.291	49.288	59.	62.	85.	206.
01056p	MANGANESE, DISSOLVED (UG/L AS MN)	09/18/75-03/10/97	11	5.	6.364	13.	2.	13.055	3.613	2.2	3.	10.	12.4
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/18/75-06/11/87	1	33.	33.	33.	33.	0.	0.	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	04/18/79-09/24/85	4	0.06	0.06	0.09	0.03	0.001	0.024	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station ROMO0470

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/70-03/10/97	12	5.	6.542	15.5	0.	24.93	4.993	0.6	2.25	9.875	15.35
00025	BAROMETRIC PRESSURE (MM OF HG)	04/20/83-03/10/97	12	580.5	583.167	625.	570.	194.879	13.96	570.9	577.	584.75	613.
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/09/74-03/10/97	12	408.	377.5	527.	16.	19169.545	138.454	71.8	401.25	417.75	523.4
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/70-03/10/97	12	42.	40.917	65.	17.5	299.129	17.295	18.1	25.5	55.	63.5
00300p	OXYGEN, DISSOLVED MG/L	09/02/70-03/10/97	11	9.4	9.482	14.8	6.8	5.95	2.439	6.84	7.2	11.2	14.16
00400p	PH (STANDARD UNITS)	09/02/70-03/10/97	12	7.4	7.383	8.3	6.3	0.283	0.532	6.48	6.975	7.775	8.15
00400p	CONVERTED PH (STANDARD UNITS)	09/02/70-03/10/97	12	7.389	7.063	8.3	6.3	0.395	0.629	6.48	6.975	7.775	8.15
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/02/70-03/10/97	12	0.041	0.086	0.501	0.005	0.019	0.137	0.008	0.017	0.11	0.389
00403	PH, LAB, STANDARD UNITS SU	11/19/80-03/10/97	12	7.55	7.583	7.8	7.2	0.042	0.204	7.23	7.5	7.8	7.8
00403	CONVERTED PH, LAB, STANDARD UNITS	11/19/80-03/10/97	12	7.547	7.537	7.8	7.2	0.044	0.209	7.23	7.5	7.8	7.8
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/19/80-03/10/97	12	0.028	0.029	0.063	0.016	0.	0.015	0.016	0.016	0.032	0.059
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/18/75-11/19/92	12	0.025	0.037	0.16	0.005	0.002	0.042	0.005	0.013	0.041	0.127
00613p	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/18/75-03/10/97	11 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/18/75-03/10/97	12 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	09/18/75-03/10/97	12	0.021	0.029	0.06	0.02	0.	0.015	0.02	0.02	0.03	0.06
00666p	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/13/78-03/10/97	12	0.01	0.018	0.09	0.005	0.001	0.023	0.005	0.01	0.018	0.069
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	09/18/75-03/10/97	12	4.85	4.95	6.9	2.9	2.01	1.418	3.05	3.6	6.2	6.81
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/18/75-03/10/97	12	1.	1.	1.3	0.6	0.067	0.259	0.63	0.8	1.275	1.3
00930p	SODIUM, DISSOLVED (MG/L AS NA)	09/18/75-03/10/97	12	1.85	1.75	2.2	1.1	0.121	0.348	1.16	1.425	2.05	2.17
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	09/18/75-03/10/97	12	0.7	0.717	1.	0.3	0.031	0.175	0.39	0.625	0.8	0.97
00940p	CHLORIDE,TOTAL IN WATER MG/L	09/18/75-03/10/97	12	0.5	0.5	0.7	0.2	0.02	0.141	0.26	0.4	0.6	0.7
00945p	SULFATE, TOTAL (MG/L AS SO4)	09/18/75-03/10/97	12	5.	5.083	7.	4.	0.811	0.9	4.	4.25	5.75	6.7
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	09/18/75-03/10/97	12	0.1	0.113	0.2	0.05	0.002	0.043	0.065	0.1	0.1	0.2
00955p	SILICA, DISSOLVED (MG/L AS SI02)	09/18/75-03/10/97	12	4.15	4.2	5.2	3.3	0.369	0.608	3.36	3.625	4.55	5.2
01046p	IRON, DISSOLVED (UG/L AS FE)	09/18/75-03/10/97	12	72.	81.25	140.	42.	960.568	30.993	45.6	56.5	105.25	137.
01056p	MANGANESE, DISSOLVED (UG/L AS MN)	09/18/75-03/10/97	12	4.	6.167	24.	0.5	42.833	6.545	0.5	3.	7.5	20.7
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/02/70-07/11/88	6	301.	837.417	2820.	0.5	1332961.642	1154.54	**	**	**	**
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/02/70-07/11/88	6	1.54	1.622	3.45	-0.301	2.874	1.695	**	**	**	**
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			41.904								
60050	ALGAE, TOTAL (CELLS/ML)	09/18/75-09/24/87	5	9900.	18820.	43600.	4600.	263897000.	16244.907	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/18/75-06/11/87	1	33.	33.	33.	33.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/09/75-09/24/87	1	35.	35.	35.	35.	0.	0.	**	**	**	**

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Annual Analysis for 1987 - Station ROMO0470

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/70-03/10/97	10	9.5	9.25	16.5	2.	25.403	5.04	2.1	4.5	13.	16.45
00025	BAROMETRIC PRESSURE (MM OF HG)	04/20/83-03/10/97	9	579.	576.778	582.	565.	33.194	5.761	565.	573.	581.	582.
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/09/74-03/10/97	10	441.	336.5	468.	2.	33389.389	182.728	7.	162.25	463.	467.5
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/70-03/10/97	10	44.	43.1	56.	24.	115.878	10.765	24.3	35.25	52.25	55.7
00300p	OXYGEN, DISSOLVED MG/L	09/02/70-03/10/97	10	8.25	8.34	9.3	7.2	0.387	0.622	7.27	7.975	8.925	9.27
00400p	PH (STANDARD UNITS)	09/02/70-03/10/97	10	7.6	7.638	8.8	7.1	0.299	0.547	7.103	7.183	7.85	8.75
00400p	CONVERTED PH (STANDARD UNITS)	09/02/70-03/10/97	10	7.6	7.432	8.8	7.1	0.346	0.588	7.103	7.182	7.85	8.75
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/02/70-03/10/97	10	0.025	0.037	0.079	0.002	0.001	0.029	0.002	0.016	0.066	0.079
00403	PH, LAB, STANDARD UNITS SU	11/19/80-03/10/97	10	7.9	7.9	8.4	7.5	0.107	0.327	7.51	7.6	8.225	8.39
00403	CONVERTED PH, LAB, STANDARD UNITS	11/19/80-03/10/97	10	7.889	7.801	8.4	7.5	0.118	0.343	7.51	7.6	8.225	8.39
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/19/80-03/10/97	10	0.013	0.016	0.032	0.004	0.	0.01	0.004	0.006	0.025	0.031
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/18/75-11/19/92	10	0.02	0.019	0.04	0.005	0.	0.012	0.005	0.009	0.03	0.039
00613p	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/18/75-03/10/97	10 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/18/75-03/10/97	10 ##	0.05	0.05	0.05	0.05	0.	0.	0.05	0.05	0.05	0.05
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	09/18/75-03/10/97	10	0.02	0.021	0.03	0.01	0.	0.006	0.011	0.02	0.023	0.03
00666p	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/13/78-03/10/97	10	0.01	0.009	0.02	0.005	0.	0.005	0.005	0.005	0.01	0.019
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	09/18/75-03/10/97	10	4.9	5.	7.	2.1	2.511	1.585	2.19	3.9	6.45	6.96
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/18/75-03/10/97	10	1.	1.01	1.3	0.6	0.065	0.256	0.6	0.825	1.225	1.3
00930p	SODIUM, DISSOLVED (MG/L AS NA)	09/18/75-03/10/97	10	1.85	1.76	2.2	1.	0.145	0.381	1.02	1.575	2.025	2.19

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Annual Analysis for 1987 - Station ROMO0470

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	09/18/75-03/10/97	10	0.6	0.605	0.9	0.05	0.058	0.241	0.085	0.55	0.8	0.89
00940p	CHLORIDE,TOTAL IN WATER MG/L	09/18/75-03/10/97	10	0.55	0.87	3.	0.2	0.816	0.903	0.21	0.375	1.025	2.9
00945p	SULFATE, TOTAL (MG/L AS SO4)	09/18/75-03/10/97	10	4.5	5.	7.	4.	1.556	1.247	4.	4.	6.25	7.
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	09/18/75-03/10/97	10	0.2	0.17	0.3	0.1	0.005	0.067	0.1	0.1	0.2	0.29
00955p	SILICA, DISSOLVED (MG/L AS SI02)	09/18/75-03/10/97	10	4.35	4.18	4.9	3.2	0.384	0.62	3.21	3.525	4.725	4.89
01046p	IRON, DISSOLVED (UG/L AS FE)	09/18/75-03/10/97	10	60.	67.8	140.	28.	967.067	31.098	30.1	50.5	82.5	135.6
01056p	MANGANESE, DISSOLVED (UG/L AS MN)	09/18/75-03/10/97	10	4.	4.5	10.	1.	6.944	2.635	1.1	2.75	6.25	9.7
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/02/70-07/11/88	7	56.	99.071	312.	0.5	12135.869	110.163	**	**	**	**
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/02/70-07/11/88	7	1.748	1.562	2.494	-0.301	0.867	0.931	**	**	**	**
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			36.478								
60050	ALGAE, TOTAL (CELLS/ML)	09/18/75-09/24/87	6	3750.	4566.667	9200.	1100.	10242666.667	3200.417	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/18/75-06/11/87	1	21.	21.	21.	21.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/09/75-09/24/87	3	40.	38.333	44.	31.	44.333	6.658	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	09/18/75-06/11/87	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station ROMO0470

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/70-03/10/97	5	10.	9.7	16.	3.	22.7	4.764	**	**	**	**
00025	BAROMETRIC PRESSURE (MM OF HG)	04/20/83-03/10/97	5	578.	583.8	603.	576.	124.2	11.145	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/09/74-03/10/97	5	387.	327.2	499.	101.	28089.2	167.598	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/70-03/10/97	5	50.	45.2	60.	21.	237.7	15.418	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/02/70-03/10/97	5	8.2	8.38	9.2	7.6	0.482	0.694	**	**	**	**
00400p	PH (STANDARD UNITS)	09/02/70-03/10/97	5	7.2	7.44	8.1	6.9	0.278	0.527	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	09/02/70-03/10/97	5	7.2	7.238	8.1	6.9	0.329	0.574	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/02/70-03/10/97	5	0.063	0.058	0.126	0.008	0.002	0.049	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	11/19/80-03/10/97	4	8.	8.	8.3	7.7	0.067	0.258	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	11/19/80-03/10/97	4	7.989	7.944	8.3	7.7	0.071	0.266	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/19/80-03/10/97	4	0.01	0.011	0.02	0.005	0.	0.007	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/18/75-11/19/92	4	0.02	0.016	0.02	0.005	0.	0.008	**	**	**	**
00613p	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/18/75-03/10/97	4 ##	0.005	0.006	0.01	0.005	0.	0.003	**	**	**	**
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/18/75-03/10/97	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	09/18/75-03/10/97	4	0.015	0.018	0.03	0.01	0.	0.01	**	**	**	**
00666p	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/13/78-03/10/97	4	0.01	0.009	0.01	0.005	0.	0.003	**	**	**	**
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	09/18/75-03/10/97	4	6.25	5.4	6.7	2.4	4.087	2.022	**	**	**	**
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/18/75-03/10/97	4	1.2	1.05	1.3	0.5	0.143	0.379	**	**	**	**
00930p	SODIUM, DISSOLVED (MG/L AS NA)	09/18/75-03/10/97	4	2.05	2.	2.8	1.1	0.5	0.707	**	**	**	**
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	09/18/75-03/10/97	4	0.8	0.7	0.9	0.3	0.08	0.283	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	09/18/75-03/10/97	4	0.6	0.675	1.	0.5	0.056	0.236	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	09/18/75-03/10/97	4	5.	5.	6.	4.	0.667	0.816	**	**	**	**
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	09/18/75-03/10/97	4	0.15	0.15	0.2	0.1	0.003	0.058	**	**	**	**
00955p	SILICA, DISSOLVED (MG/L AS SI02)	09/18/75-03/10/97	4	4.25	4.325	5.4	3.4	0.756	0.869	**	**	**	**
01046p	IRON, DISSOLVED (UG/L AS FE)	09/18/75-03/10/97	4	53.	61.75	110.	31.	1174.917	34.277	**	**	**	**
01056p	MANGANESE, DISSOLVED (UG/L AS MN)	09/18/75-03/10/97	4	1.5	1.625	3.	0.5	1.229	1.109	**	**	**	**
31501p	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/02/70-07/11/88	3	35.	108.5	290.	0.5	25004.25	158.127	**	**	**	**
31501p	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/02/70-07/11/88	3	1.544	1.235	2.462	-0.301	1.981	1.407	**	**	**	**
31501p	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			17.185								

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Annual Analysis for 1989 - Station ROMO0470

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/70-03/10/97	3	6.	9.333	17.	5.	44.333	6.658	**	**	**	**
00025	BAROMETRIC PRESSURE (MM OF HG)	04/20/83-03/10/97	3	573.	575.	580.	572.	19.	4.359	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/09/74-03/10/97	3	526.	429.	547.	214.	34779.	186.491	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/70-03/10/97	3	53.	48.333	62.	30.	272.333	16.503	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/02/70-03/10/97	2	8.8	8.8	9.9	7.7	2.42	1.556	**	**	**	**
00400p	PH (STANDARD UNITS)	09/02/70-03/10/97	3	7.6	7.62	7.8	7.46	0.029	0.171	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	09/02/70-03/10/97	3	7.6	7.598	7.8	7.46	0.03	0.173	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/02/70-03/10/97	3	0.025	0.025	0.035	0.016	0.	0.009	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	11/19/80-03/10/97	3	7.6	7.633	7.9	7.4	0.063	0.252	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	11/19/80-03/10/97	3	7.6	7.588	7.9	7.4	0.066	0.258	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/19/80-03/10/97	3	0.025	0.026	0.04	0.013	0.	0.014	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/18/75-11/19/92	3	0.02	0.02	0.03	0.01	0.	0.01	**	**	**	**
00613p	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/18/75-03/10/97	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/18/75-03/10/97	3 ##	0.05	0.067	0.1	0.05	0.001	0.029	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	09/18/75-03/10/97	3	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00666p	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/13/78-03/10/97	3	0.005	0.005	0.01	0.	0.	0.005	**	**	**	**
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	09/18/75-03/10/97	3	6.8	6.1	7.8	3.7	4.57	2.138	**	**	**	**
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/18/75-03/10/97	3	1.2	1.1	1.4	0.7	0.13	0.361	**	**	**	**
00930p	SODIUM, DISSOLVED (MG/L AS NA)	09/18/75-03/10/97	3	2.2	2.133	2.7	1.5	0.363	0.603	**	**	**	**
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	09/18/75-03/10/97	3	0.7	0.8	1.	0.7	0.03	0.173	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	09/18/75-03/10/97	3	0.4	0.467	0.7	0.3	0.043	0.208	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	09/18/75-03/10/97	3	4.	3.667	5.	2.	2.333	1.528	**	**	**	**
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	09/18/75-03/10/97	3	0.1	0.133	0.2	0.1	0.003	0.058	**	**	**	**
00955p	SILICA, DISSOLVED (MG/L AS SI02)	09/18/75-03/10/97	3	4.5	4.5	5.3	3.7	0.64	0.8	**	**	**	**
01046p	IRON, DISSOLVED (UG/L AS FE)	09/18/75-03/10/97	3	51.	45.333	61.	24.	366.333	19.14	**	**	**	**
01056p	MANGANESE, DISSOLVED (UG/L AS MN)	09/18/75-03/10/97	3	3.	3.333	5.	2.	2.333	1.528	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/18/75-03/10/97	3	16.	18.667	40.	0.	405.333	20.133	**	**	**	**

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Annual Analysis for 1990 - Station ROMO0470

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/70-03/10/97	3	5.	8.5	16.	4.5	42.25	6.5	**	**	**	**
00025	BAROMETRIC PRESSURE (MM OF HG)	04/20/83-03/10/97	3	580.	579.333	582.	576.	9.333	3.055	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/09/74-03/10/97	3	45.	82.333	198.	4.	10454.333	102.246	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/70-03/10/97	3	44.	47.	74.	23.	657.	25.632	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/02/70-03/10/97	3	9.8	9.1	10.	7.5	1.93	1.389	**	**	**	**
00400p	PH (STANDARD UNITS)	09/02/70-03/10/97	2	7.4	7.4	7.95	6.85	0.605	0.778	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	09/02/70-03/10/97	2	7.118	7.118	7.95	6.85	0.764	0.874	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/02/70-03/10/97	2	0.076	0.076	0.141	0.011	0.008	0.092	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	11/19/80-03/10/97	3	8.	7.967	8.3	7.6	0.123	0.351	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	11/19/80-03/10/97	3	8.	7.874	8.3	7.6	0.136	0.369	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/19/80-03/10/97	3	0.01	0.013	0.025	0.005	0.	0.01	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/18/75-11/19/92	3	0.05	0.035	0.05	0.005	0.001	0.026	**	**	**	**
00613p	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/18/75-03/10/97	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/18/75-03/10/97	3 ##	0.05	0.067	0.1	0.05	0.001	0.029	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	09/18/75-03/10/97	3	0.02	0.03	0.06	0.01	0.001	0.026	**	**	**	**
00666p	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/13/78-03/10/97	3	0.01	0.015	0.03	0.005	0.	0.013	**	**	**	**
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	09/18/75-03/10/97	3	5.	5.467	8.9	2.5	10.403	3.225	**	**	**	**
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/18/75-03/10/97	3	1.1	1.1	1.6	0.6	0.25	0.5	**	**	**	**
00930p	SODIUM, DISSOLVED (MG/L AS NA)	09/18/75-03/10/97	3	2.4	2.133	2.8	1.2	0.693	0.833	**	**	**	**
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	09/18/75-03/10/97	3	0.7	0.633	0.9	0.3	0.093	0.306	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	09/18/75-03/10/97	3	0.9	0.833	1.	0.6	0.043	0.208	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	09/18/75-03/10/97	3	3.	3.	4.	2.	1.	1.	**	**	**	**
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	09/18/75-03/10/97	3 ##	0.05	0.1	0.2	0.05	0.008	0.087	**	**	**	**
00955p	SILICA, DISSOLVED (MG/L AS SI02)	09/18/75-03/10/97	3	4.7	4.333	4.7	3.6	0.403	0.635	**	**	**	**

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Annual Analysis for 1990 - Station ROMO0470

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01046p	IRON, DISSOLVED (UG/L AS FE)	09/18/75-03/10/97	3	83.	107.667	160.	80.	2056.333	45.347	**	**	**	**
01056p	MANGANESE, DISSOLVED (UG/L AS MN)	09/18/75-03/10/97	3	2.	14.333	39.	2.	456.333	21.362	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/18/75-03/10/97	3	21.	28.667	45.	20.	200.333	14.154	**	**	**	**

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Annual Analysis for 1991 - Station ROMO0470

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/70-03/10/97	3	10.	11.4	21.	3.2	80.68	8.982	**	**	**	**
00025	BAROMETRIC PRESSURE (MM OF HG)	04/20/83-03/10/97	3	576.	575.333	578.	572.	9.333	3.055	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/09/74-03/10/97	3	544.	514.	550.	448.	3276.	57.236	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/70-03/10/97	3	50.	42.667	54.	24.	265.333	16.289	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/02/70-03/10/97	3	9.6	8.633	9.9	6.4	3.763	1.94	**	**	**	**
00400p	PH (STANDARD UNITS)	09/02/70-03/10/97	1	7.14	7.14	7.14	7.14	0.	0.	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	09/02/70-03/10/97	1	7.14	7.14	7.14	7.14	0.	0.	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/02/70-03/10/97	1	0.072	0.072	0.072	0.072	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	11/19/80-03/10/97	3	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	11/19/80-03/10/97	3	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/19/80-03/10/97	3	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/18/75-11/19/92	3 ##	0.005	0.013	0.03	0.005	0.	0.014	**	**	**	**
00613p	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/18/75-03/10/97	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/18/75-03/10/97	3 ##	0.025	0.043	0.08	0.025	0.001	0.032	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	09/18/75-03/10/97	3	0.03	0.027	0.03	0.02	0.	0.006	**	**	**	**
00666p	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/13/78-03/10/97	3	0.01	0.018	0.04	0.005	0.	0.019	**	**	**	**
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	09/18/75-03/10/97	3	5.9	4.9	6.2	2.6	3.99	1.997	**	**	**	**
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/18/75-03/10/97	3	1.1	0.933	1.2	0.5	0.143	0.379	**	**	**	**
00930p	SODIUM, DISSOLVED (MG/L AS NA)	09/18/75-03/10/97	3	2.2	2.033	2.3	1.6	0.143	0.379	**	**	**	**
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	09/18/75-03/10/97	3	0.7	0.633	0.8	0.4	0.043	0.208	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	09/18/75-03/10/97	3	0.6	0.633	1.	0.3	0.123	0.351	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	09/18/75-03/10/97	3	2.	2.333	3.	2.	0.333	0.577	**	**	**	**
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	09/18/75-03/10/97	3	0.1	0.133	0.2	0.1	0.003	0.058	**	**	**	**
00955p	SILICA, DISSOLVED (MG/L AS SI02)	09/18/75-03/10/97	3	4.1	4.333	5.3	3.6	0.763	0.874	**	**	**	**
01046p	IRON, DISSOLVED (UG/L AS FE)	09/18/75-03/10/97	3	93.	82.	120.	33.	1983.	44.531	**	**	**	**
01056p	MANGANESE, DISSOLVED (UG/L AS MN)	09/18/75-03/10/97	3	8.	6.333	8.	3.	8.333	2.887	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/18/75-03/10/97	3	33.	35.667	47.	27.	105.333	10.263	**	**	**	**

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Annual Analysis for 1992 - Station ROMO0470

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/70-03/10/97	3	3.7	7.067	14.5	3.	41.563	6.447	**	**	**	**
00025	BAROMETRIC PRESSURE (MM OF HG)	04/20/83-03/10/97	3	580.	581.	583.	580.	3.	1.732	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/09/74-03/10/97	3	410.	422.333	555.	302.	16116.333	126.95	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/70-03/10/97	3	48.	44.333	63.	22.	430.333	20.744	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/02/70-03/10/97	3	8.7	8.933	10.4	7.7	1.863	1.365	**	**	**	**
00400p	PH (STANDARD UNITS)	09/02/70-03/10/97	3	8.	7.9	8.2	7.5	0.13	0.361	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	09/02/70-03/10/97	3	8.	7.796	8.2	7.5	0.146	0.382	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/02/70-03/10/97	3	0.01	0.016	0.032	0.006	0.	0.014	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	11/19/80-03/10/97	3	7.6	7.7	8.	7.5	0.07	0.265	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	11/19/80-03/10/97	3	7.6	7.653	8.	7.5	0.073	0.271	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/19/80-03/10/97	3	0.025	0.022	0.032	0.01	0.	0.011	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/18/75-11/19/92	3	0.03	0.037	0.05	0.03	0.	0.012	**	**	**	**
00613p	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/18/75-03/10/97	3 ##	0.005	0.013	0.03	0.005	0.	0.014	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station ROMO0470

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/18/75-03/10/97	3	0.09	0.068	0.09	0.025	0.001	0.038	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	09/18/75-03/10/97	3 ##	0.005	0.013	0.03	0.005	0.	0.014	**	**	**	**
00666p	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/13/78-03/10/97	3	0.01	0.008	0.01	0.005	0.	0.003	**	**	**	**
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	09/18/75-03/10/97	3	5.6	5.233	7.8	2.3	7.663	2.768	**	**	**	**
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/18/75-03/10/97	3	1.	1.	1.5	0.5	0.25	0.5	**	**	**	**
00930p	SODIUM, DISSOLVED (MG/L AS NA)	09/18/75-03/10/97	3	1.9	2.	2.9	1.2	0.73	0.854	**	**	**	**
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	09/18/75-03/10/97	3	0.7	0.6	0.8	0.3	0.07	0.265	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	09/18/75-03/10/97	3	0.5	0.633	1.	0.4	0.103	0.321	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	09/18/75-03/10/97	3	3.	2.667	3.	2.	0.333	0.577	**	**	**	**
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	09/18/75-03/10/97	3	0.1	0.117	0.2	0.05	0.006	0.076	**	**	**	**
00955p	SILICA, DISSOLVED (MG/L AS SI02)	09/18/75-03/10/97	3	4.9	4.867	6.	3.7	1.323	1.15	**	**	**	**
01046p	IRON, DISSOLVED (UG/L AS FE)	09/18/75-03/10/97	3	67.	53.667	75.	19.	917.333	30.288	**	**	**	**
01056p	MANGANESE, DISSOLVED (UG/L AS MN)	09/18/75-03/10/97	3	3.	2.667	4.	1.	2.333	1.528	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/18/75-03/10/97	3	25.	24.667	31.	18.	42.333	6.506	**	**	**	**

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Annual Analysis for 1993 - Station ROMO0470

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/70-03/10/97	3	7.	7.833	14.	2.5	33.583	5.795	**	**	**	**
00025	BAROMETRIC PRESSURE (MM OF HG)	04/20/83-03/10/97	3	584.	587.	594.	583.	37.	6.083	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/09/74-03/10/97	3	556.	439.	559.	202.	42129.	205.254	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/70-03/10/97	3	48.	44.667	65.	21.	492.333	22.189	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/02/70-03/10/97	3	10.2	9.9	10.8	8.7	1.17	1.082	**	**	**	**
00400p	PH (STANDARD UNITS)	09/02/70-03/10/97	3	7.6	7.767	8.6	7.1	0.583	0.764	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	09/02/70-03/10/97	3	7.6	7.447	8.6	7.1	0.736	0.858	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/02/70-03/10/97	3	0.025	0.036	0.079	0.003	0.002	0.04	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	11/19/80-03/10/97	3	7.5	7.467	7.7	7.2	0.063	0.252	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	11/19/80-03/10/97	3	7.5	7.418	7.7	7.2	0.067	0.259	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/19/80-03/10/97	3	0.032	0.038	0.063	0.02	0.	0.022	**	**	**	**
00613p	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/18/75-03/10/97	3 ##	0.005	0.013	0.03	0.005	0.	0.014	**	**	**	**
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/18/75-03/10/97	3	0.06	0.067	0.09	0.05	0.	0.021	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	09/18/75-03/10/97	3	0.02	0.027	0.05	0.01	0.	0.021	**	**	**	**
00666p	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/13/78-03/10/97	3 ##	0.005	0.01	0.02	0.005	0.	0.009	**	**	**	**
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	09/18/75-03/10/97	3	5.1	5.1	7.4	2.8	5.29	2.3	**	**	**	**
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/18/75-03/10/97	3	1.1	1.	1.5	0.4	0.31	0.557	**	**	**	**
00930p	SODIUM, DISSOLVED (MG/L AS NA)	09/18/75-03/10/97	3	2.2	2.167	3.1	1.2	0.903	0.95	**	**	**	**
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	09/18/75-03/10/97	3	0.5	0.567	0.8	0.4	0.043	0.208	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	09/18/75-03/10/97	3	0.8	0.733	1.	0.4	0.093	0.306	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	09/18/75-03/10/97	3	3.	3.	4.	2.	1.	1.	**	**	**	**
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	09/18/75-03/10/97	3	0.1	0.117	0.2	0.05	0.006	0.076	**	**	**	**
00955p	SILICA, DISSOLVED (MG/L AS SI02)	09/18/75-03/10/97	3	5.6	5.1	6.2	3.5	2.01	1.418	**	**	**	**
01046p	IRON, DISSOLVED (UG/L AS FE)	09/18/75-03/10/97	3	52.	61.667	95.	38.	882.333	29.704	**	**	**	**
01056p	MANGANESE, DISSOLVED (UG/L AS MN)	09/18/75-03/10/97	3	3.	3.333	4.	3.	0.333	0.577	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/18/75-03/10/97	3	16.	17.333	36.	0.	325.333	18.037	**	**	**	**

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Annual Analysis for 1994 - Station ROMO0470

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/70-03/10/97	3	3.	6.5	16.	0.5	69.25	8.322	**	**	**	**
00025	BAROMETRIC PRESSURE (MM OF HG)	04/20/83-03/10/97	3	585.	584.667	585.	584.	0.333	0.577	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/09/74-03/10/97	3	406.	388.333	558.	201.	32096.333	179.154	**	**	**	**

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Annual Analysis for 1994 - Station ROMO0470

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/70-03/10/97	3	55.	51.333	62.	37.	166.333	12.897	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/02/70-03/10/97	3	10.4	9.433	10.6	7.3	3.423	1.85	**	**	**	**
00400p	PH (STANDARD UNITS)	09/02/70-03/10/97	3	7.8	7.9	8.1	7.8	0.03	0.173	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	09/02/70-03/10/97	3	7.8	7.879	8.1	7.8	0.031	0.175	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/02/70-03/10/97	3	0.016	0.013	0.016	0.008	0.	0.005	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	11/19/80-03/10/97	3	7.1	7.167	7.4	7.	0.043	0.208	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	11/19/80-03/10/97	3	7.1	7.136	7.4	7.	0.045	0.211	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/19/80-03/10/97	3	0.079	0.073	0.1	0.04	0.001	0.031	**	**	**	**
00613p	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/18/75-03/10/97	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/18/75-03/10/97	3	0.07	0.065	0.1	0.025	0.001	0.038	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	09/18/75-03/10/97	3	0.02	0.015	0.02	0.005	0.	0.009	**	**	**	**
00666p	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/13/78-03/10/97	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	09/18/75-03/10/97	3	6.6	5.933	7.1	4.1	2.583	1.607	**	**	**	**
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/18/75-03/10/97	3	1.2	1.133	1.4	0.8	0.093	0.306	**	**	**	**
00930p	SODIUM, DISSOLVED (MG/L AS NA)	09/18/75-03/10/97	3	2.2	2.067	2.5	1.5	0.263	0.513	**	**	**	**
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	09/18/75-03/10/97	3	0.7	0.633	0.7	0.5	0.013	0.115	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	09/18/75-03/10/97	3	0.5	0.567	0.8	0.4	0.043	0.208	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	09/18/75-03/10/97	3	3.	2.667	3.	2.	0.333	0.577	**	**	**	**
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	09/18/75-03/10/97	3	0.2	0.167	0.2	0.1	0.003	0.058	**	**	**	**
00955p	SILICA, DISSOLVED (MG/L AS SI02)	09/18/75-03/10/97	3	6.2	5.967	7.1	4.6	1.603	1.266	**	**	**	**
01046p	IRON, DISSOLVED (UG/L AS FE)	09/18/75-03/10/97	3	32.	28.	35.	17.	93.	9.644	**	**	**	**
01056p	MANGANESE, DISSOLVED (UG/L AS MN)	09/18/75-03/10/97	3	1.	0.833	1.	0.5	0.083	0.289	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/18/75-03/10/97	3	38.	33.333	44.	18.	185.333	13.614	**	**	**	**

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Annual Analysis for 1995 - Station ROMO0470

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/70-03/10/97	3	3.5	5.833	11.	3.	20.083	4.481	**	**	**	**
00025	BAROMETRIC PRESSURE (MM OF HG)	04/20/83-03/10/97	3	580.	581.667	585.	580.	8.333	2.887	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/09/74-03/10/97	3	345.	326.667	429.	206.	12684.333	112.625	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/70-03/10/97	3	45.	42.333	61.	21.	405.333	20.133	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/02/70-03/10/97	3	9.9	9.633	10.2	8.8	0.543	0.737	**	**	**	**
00400p	PH (STANDARD UNITS)	09/02/70-03/10/97	3	7.8	7.733	7.8	7.6	0.013	0.115	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	09/02/70-03/10/97	3	7.8	7.723	7.8	7.6	0.014	0.116	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/02/70-03/10/97	3	0.016	0.019	0.025	0.016	0.	0.005	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	11/19/80-03/10/97	2	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	11/19/80-03/10/97	2	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/19/80-03/10/97	2	0.032	0.032	0.032	0.032	0.	0.	**	**	**	**
00613p	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/18/75-03/10/97	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/18/75-03/10/97	2	0.09	0.09	0.1	0.08	0.	0.014	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	09/18/75-03/10/97	2	0.015	0.015	0.02	0.01	0.	0.007	**	**	**	**
00666p	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/13/78-03/10/97	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	09/18/75-03/10/97	2	3.6	3.6	5.	2.2	3.92	1.98	**	**	**	**
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/18/75-03/10/97	2	0.7	0.7	1.	0.4	0.18	0.424	**	**	**	**
00930p	SODIUM, DISSOLVED (MG/L AS NA)	09/18/75-03/10/97	2	1.55	1.55	2.	1.1	0.405	0.636	**	**	**	**
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	09/18/75-03/10/97	2	0.4	0.4	0.5	0.3	0.02	0.141	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	09/18/75-03/10/97	2	0.55	0.55	0.8	0.3	0.125	0.354	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	09/18/75-03/10/97	2	1.	1.	1.	1.	0.	0.	**	**	**	**
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	09/18/75-03/10/97	2	0.15	0.15	0.2	0.1	0.005	0.071	**	**	**	**
00955p	SILICA, DISSOLVED (MG/L AS SI02)	09/18/75-03/10/97	2	4.75	4.75	5.5	4.	1.125	1.061	**	**	**	**
01046p	IRON, DISSOLVED (UG/L AS FE)	09/18/75-03/10/97	2	63.	63.	77.	49.	392.	19.799	**	**	**	**
01056p	MANGANESE, DISSOLVED (UG/L AS MN)	09/18/75-03/10/97	2	6.	6.	9.	3.	18.	4.243	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/18/75-03/10/97	2	20.	20.	28.	12.	128.	11.314	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1996 - Station ROMO0470

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/70-03/10/97	2	3.5	3.5	4.	3.	0.5	0.707	**	**	**	**
00025	BAROMETRIC PRESSURE (MM OF HG)	04/20/83-03/10/97	2	584.	584.	590.	578.	72.	8.485	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/09/74-03/10/97	2	307.	307.	502.	112.	76050.	275.772	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/70-03/10/97	2	50.	50.	60.	40.	200.	14.142	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/02/70-03/10/97	2	11.05	11.05	11.6	10.5	0.605	0.778	**	**	**	**
00400p	PH (STANDARD UNITS)	09/02/70-03/10/97	2	7.5	7.5	7.6	7.4	0.02	0.141	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	09/02/70-03/10/97	2	7.489	7.489	7.6	7.4	0.02	0.142	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/02/70-03/10/97	2	0.032	0.032	0.04	0.025	0.	0.01	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	11/19/80-03/10/97	2	7.65	7.65	8.	7.3	0.245	0.495	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	11/19/80-03/10/97	2	7.522	7.522	8.	7.3	0.278	0.527	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/19/80-03/10/97	2	0.03	0.03	0.05	0.01	0.001	0.028	**	**	**	**
00613p	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/18/75-03/10/97	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/18/75-03/10/97	2	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	09/18/75-03/10/97	2	0.045	0.045	0.06	0.03	0.	0.021	**	**	**	**
00666p	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/13/78-03/10/97	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	09/18/75-03/10/97	2	5.45	5.45	6.6	4.3	2.645	1.626	**	**	**	**
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/18/75-03/10/97	2	1.15	1.15	1.4	0.9	0.125	0.354	**	**	**	**
00930p	SODIUM, DISSOLVED (MG/L AS NA)	09/18/75-03/10/97	2	2.05	2.05	2.6	1.5	0.605	0.778	**	**	**	**
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	09/18/75-03/10/97	2	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	09/18/75-03/10/97	2	0.75	0.75	1.	0.5	0.125	0.354	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	09/18/75-03/10/97	2	2.5	2.5	3.	2.	0.5	0.707	**	**	**	**
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	09/18/75-03/10/97	2	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00955p	SILICA, DISSOLVED (MG/L AS SI02)	09/18/75-03/10/97	2	5.5	5.5	6.3	4.7	1.28	1.131	**	**	**	**
01046p	IRON, DISSOLVED (UG/L AS FE)	09/18/75-03/10/97	2	58.5	58.5	82.	35.	1104.5	33.234	**	**	**	**
01056p	MANGANESE, DISSOLVED (UG/L AS MN)	09/18/75-03/10/97	2	2.5	2.5	3.	2.	0.5	0.707	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/18/75-03/10/97	2	28.	28.	40.	16.	288.	16.971	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1997 - Station ROMO0470

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/70-03/10/97	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00025	BAROMETRIC PRESSURE (MM OF HG)	04/20/83-03/10/97	1	586.	586.	586.	586.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/09/74-03/10/97	1	416.	416.	416.	416.	0.	0.	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/70-03/10/97	1	51.	51.	51.	51.	0.	0.	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/02/70-03/10/97	1	10.1	10.1	10.1	10.1	0.	0.	**	**	**	**
00400p	PH (STANDARD UNITS)	09/02/70-03/10/97	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	09/02/70-03/10/97	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/02/70-03/10/97	1	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	11/19/80-03/10/97	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	11/19/80-03/10/97	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/19/80-03/10/97	1	0.032	0.032	0.032	0.032	0.	0.	**	**	**	**
00613p	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/18/75-03/10/97	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00631p	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/18/75-03/10/97	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	09/18/75-03/10/97	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00666p	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/13/78-03/10/97	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	09/18/75-03/10/97	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/18/75-03/10/97	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00930p	SODIUM, DISSOLVED (MG/L AS NA)	09/18/75-03/10/97	1	2.2	2.2	2.2	2.2	0.	0.	**	**	**	**
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	09/18/75-03/10/97	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	09/18/75-03/10/97	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	09/18/75-03/10/97	1	3.	3.	3.	3.	0.	0.	**	**	**	**
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	09/18/75-03/10/97	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955p	SILICA, DISSOLVED (MG/L AS SI02)	09/18/75-03/10/97	1	5.3	5.3	5.3	5.3	0.	0.	**	**	**	**
01046p	IRON, DISSOLVED (UG/L AS FE)	09/18/75-03/10/97	1	19.	19.	19.	19.	0.	0.	**	**	**	**
01056p	MANGANESE, DISSOLVED (UG/L AS MN)	09/18/75-03/10/97	1	3.	3.	3.	3.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

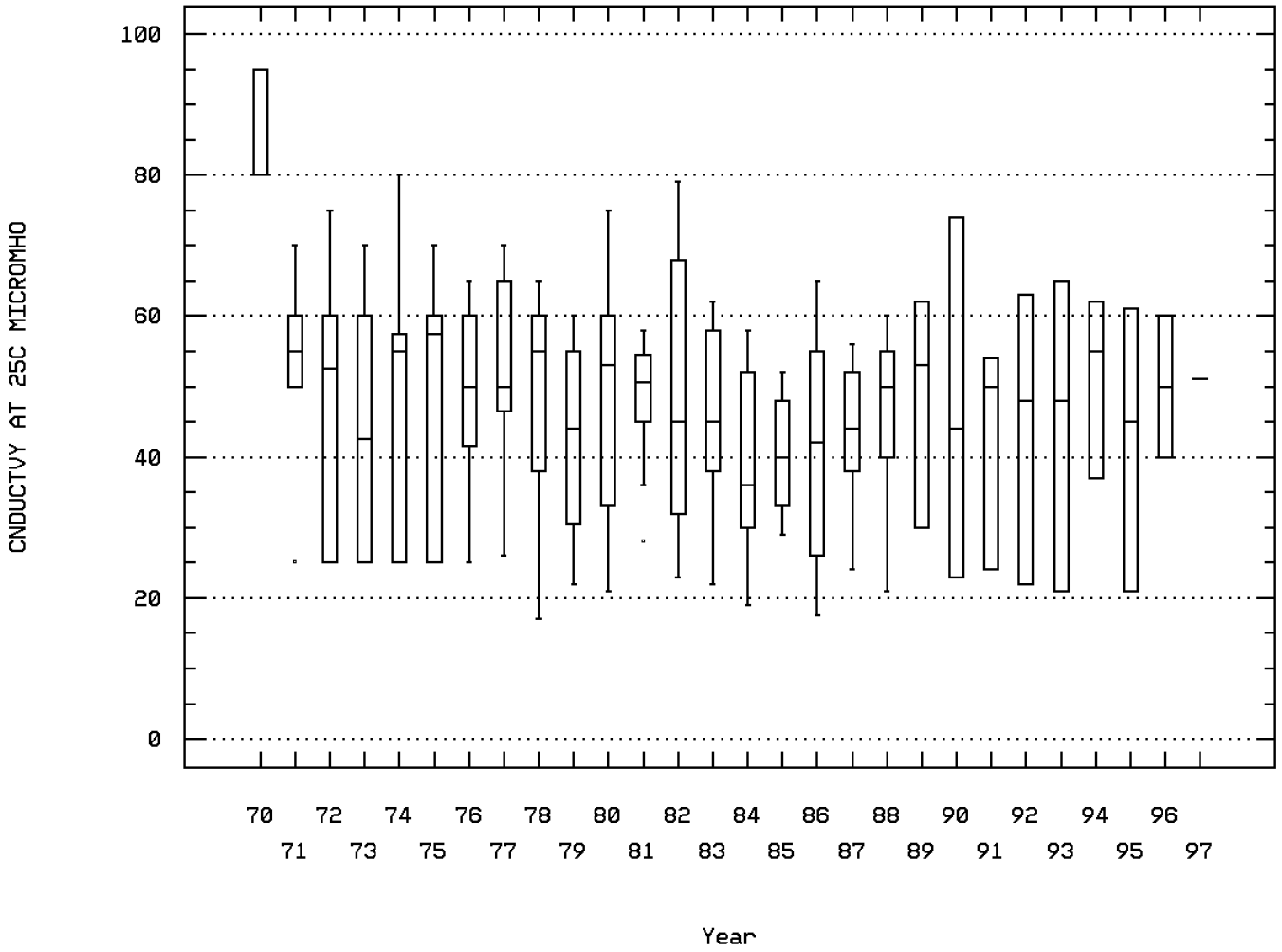
Annual Analysis for 1997 - Station ROMO0470

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/18/75-03/10/97	1	36.	36.	36.	36.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: ROMO0470 Parameter Code: 00095

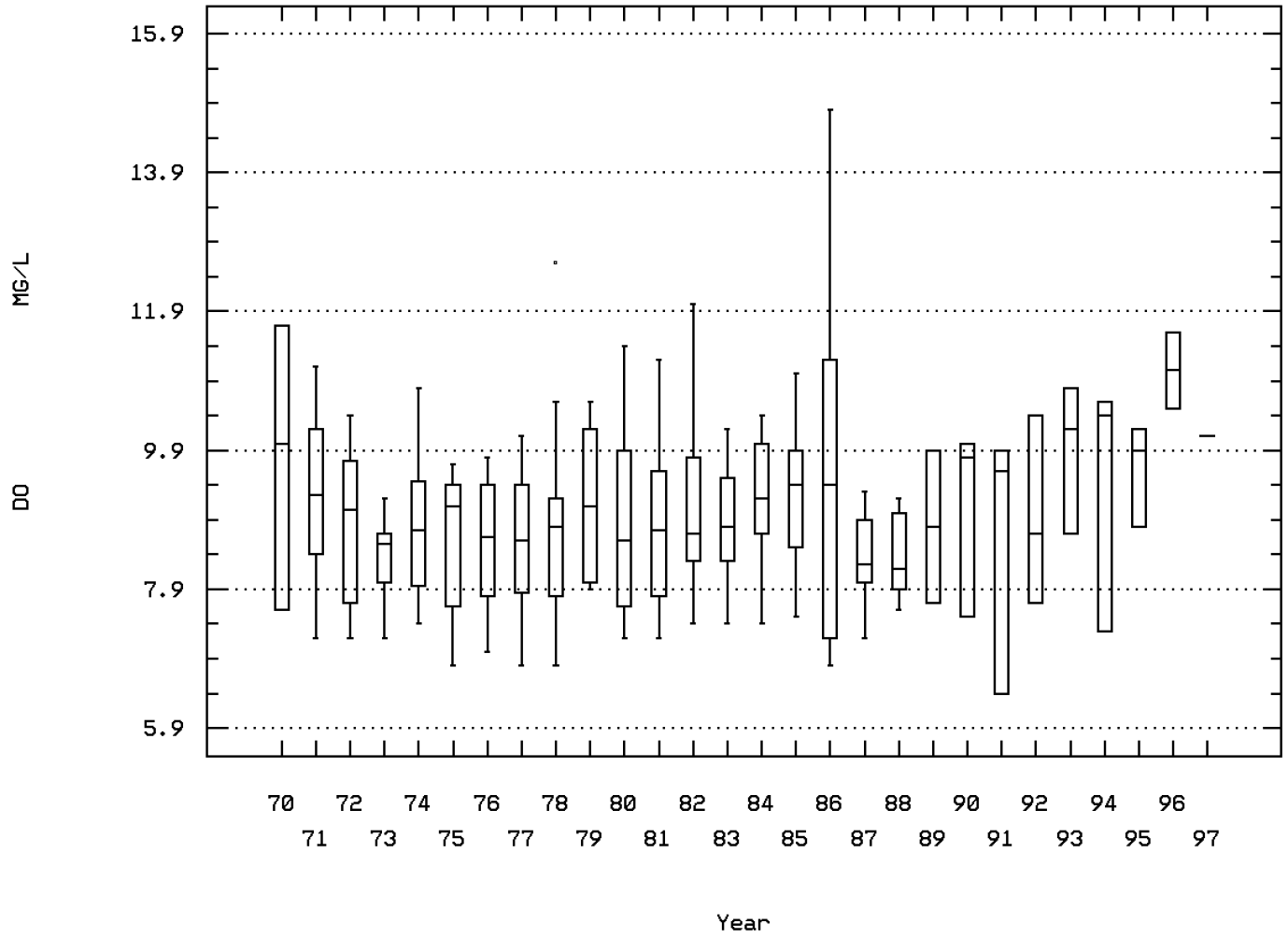
SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)



OLYMPUS TUNNEL AT LAKE ESTES, CO.

Station: ROMO0470 Parameter Code: 00300

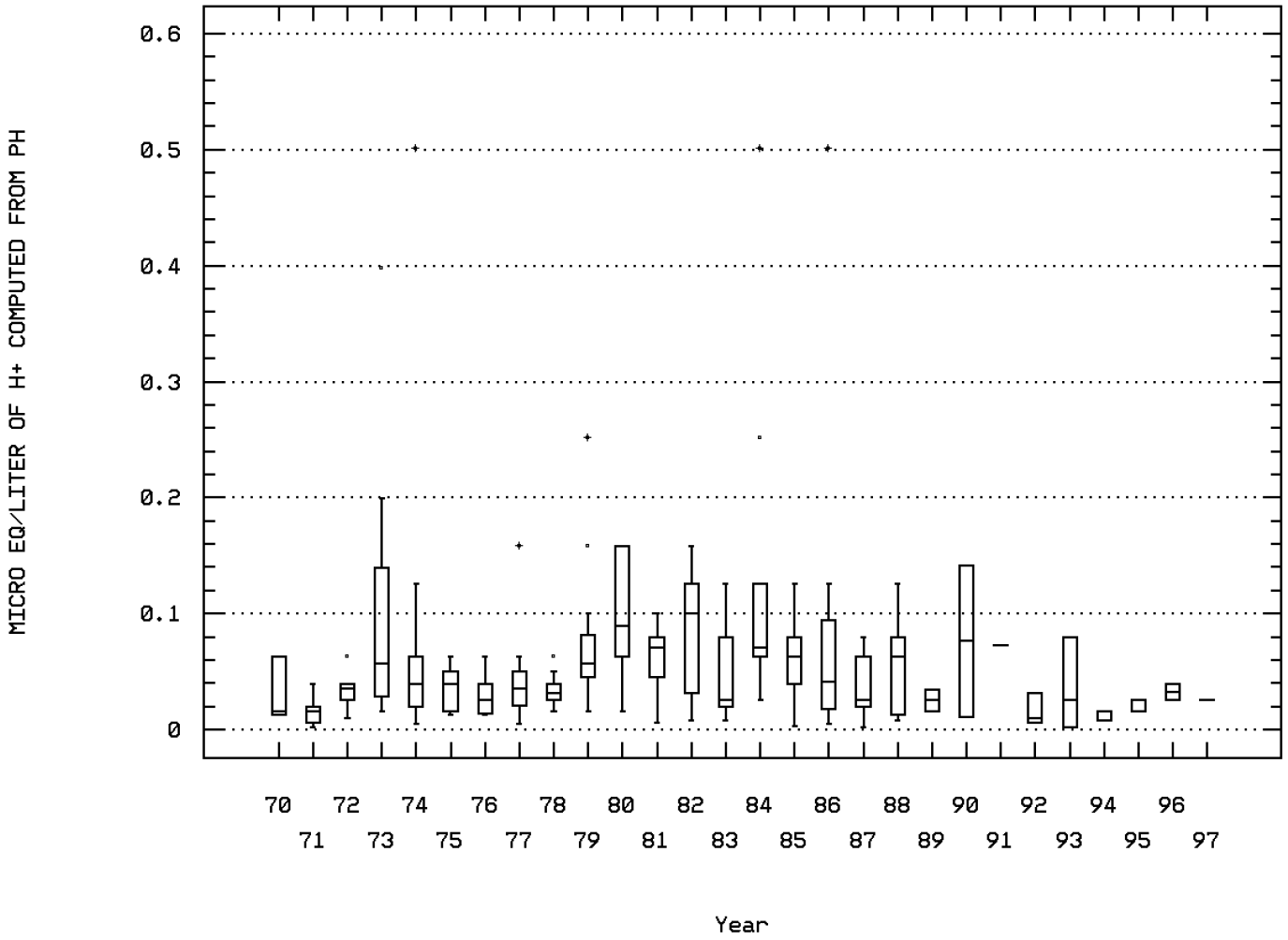
OXYGEN, DISSOLVED



OLYMPUS TUNNEL AT LAKE ESTES, CO.

Station: ROMO0470 Parameter Code: 00400

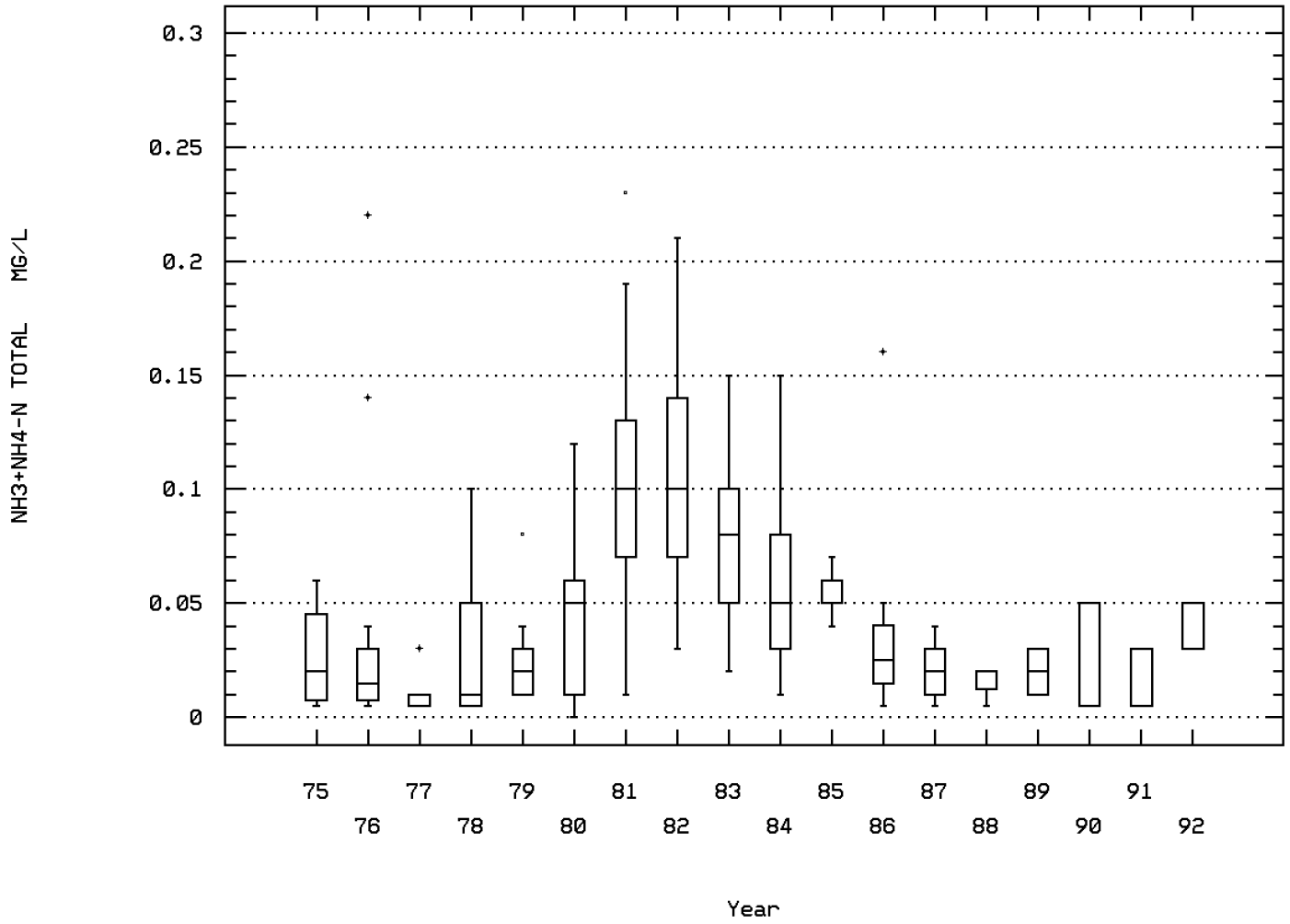
MICRO EQ/LITER OF H+ COMPUTED FROM PH



OLYMPUS TUNNEL AT LAKE ESTES, CO.

Station: ROMO0470 Parameter Code: 00610

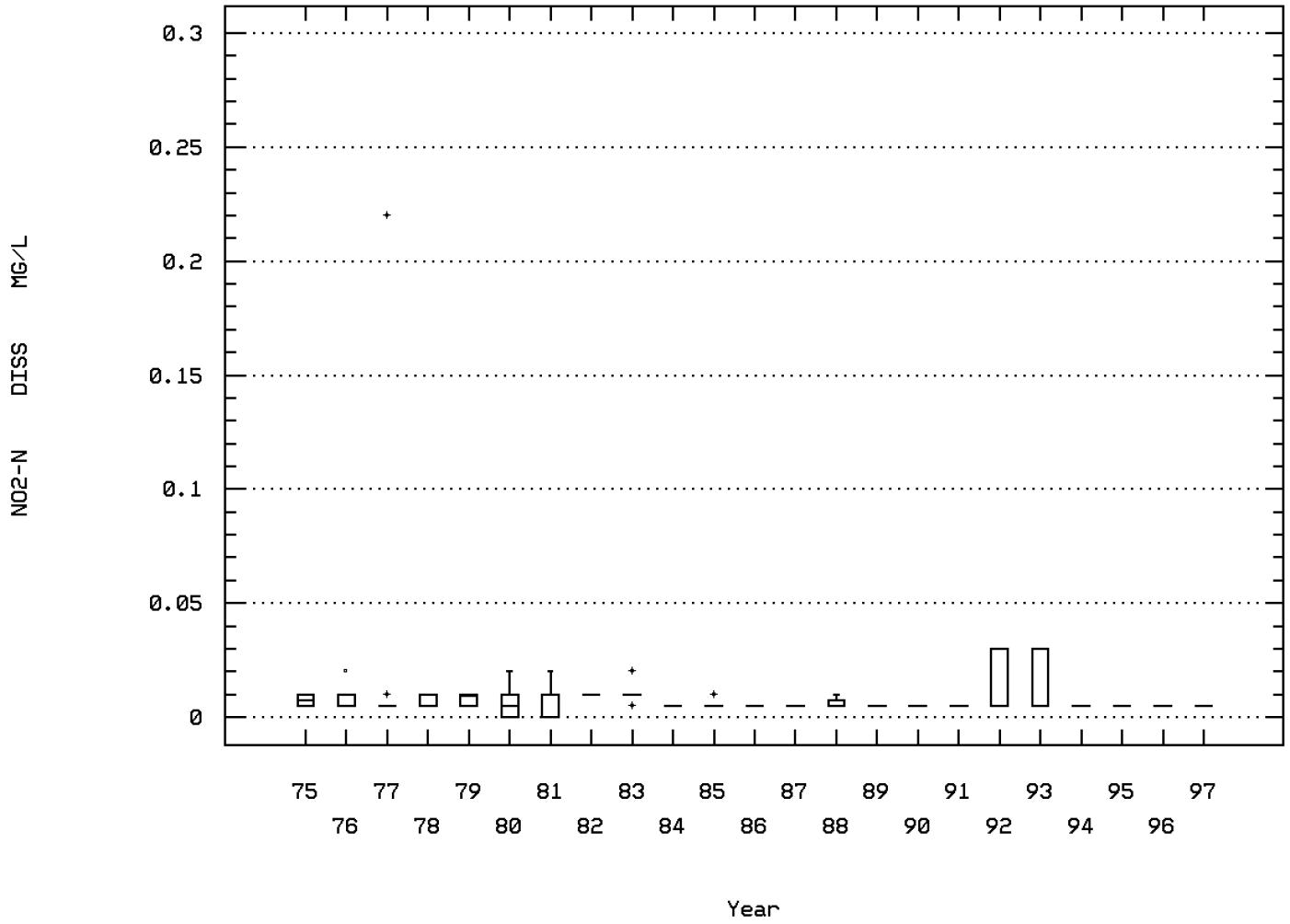
NITROGEN, AMMONIA, TOTAL (MG/L AS N)



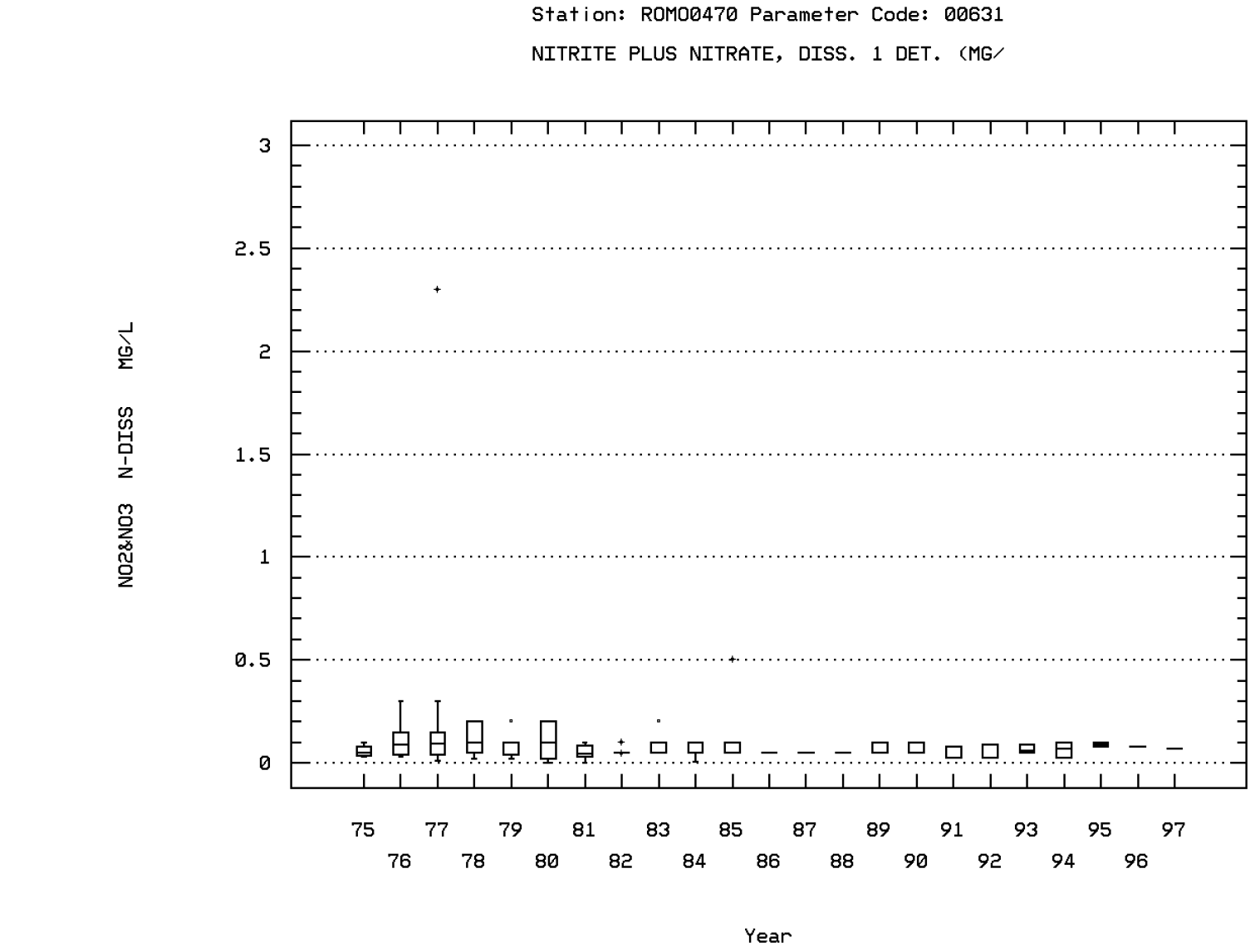
OLYMPUS TUNNEL AT LAKE ESTES, CO.

Station: ROMO0470 Parameter Code: 00613

NITRITE NITROGEN, DISSOLVED (MG/L AS N)



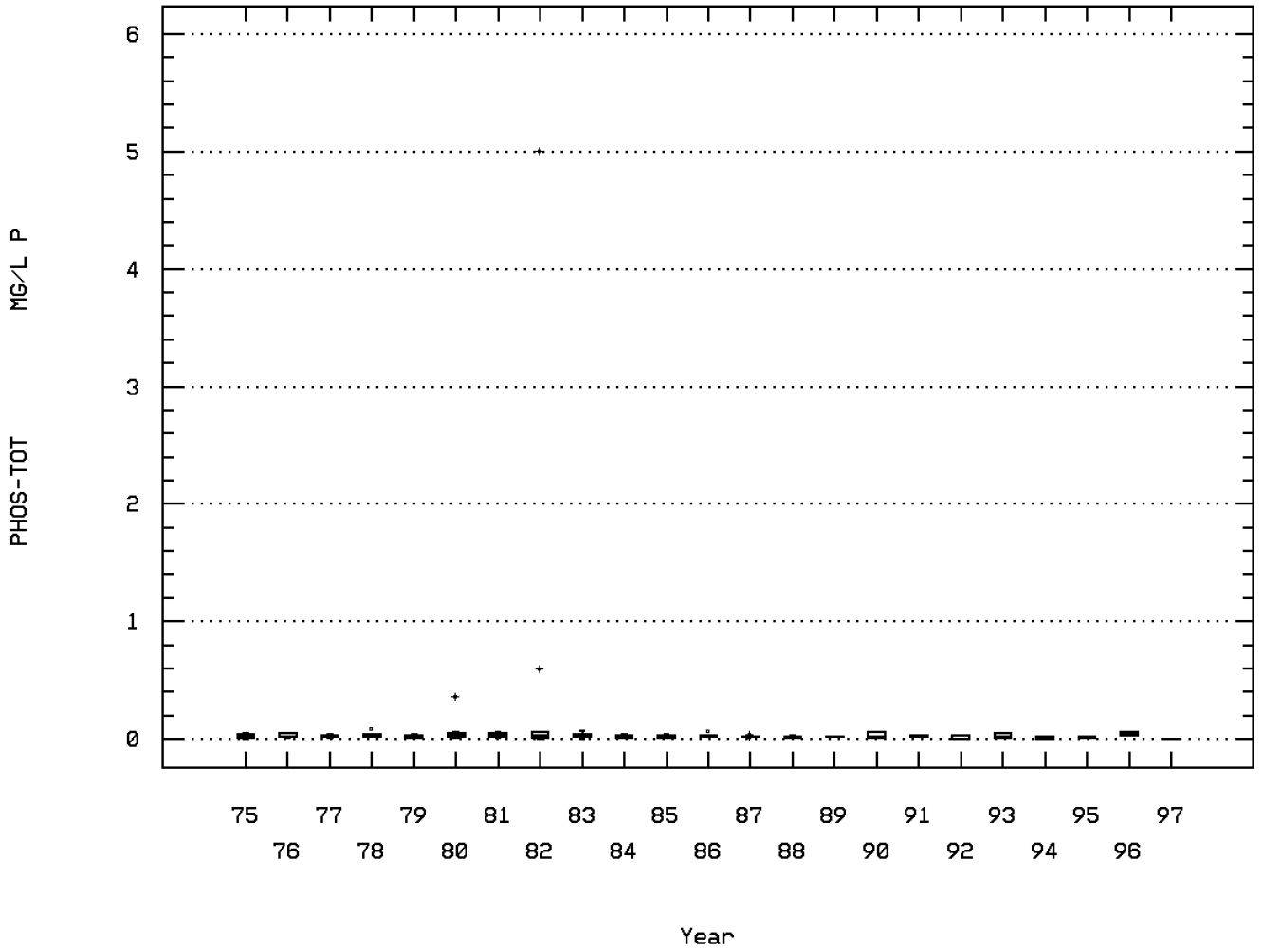
OLYMPUS TUNNEL AT LAKE ESTES, CO.



OLYMPUS TUNNEL AT LAKE ESTES, CO.

Station: ROMO0470 Parameter Code: 00665

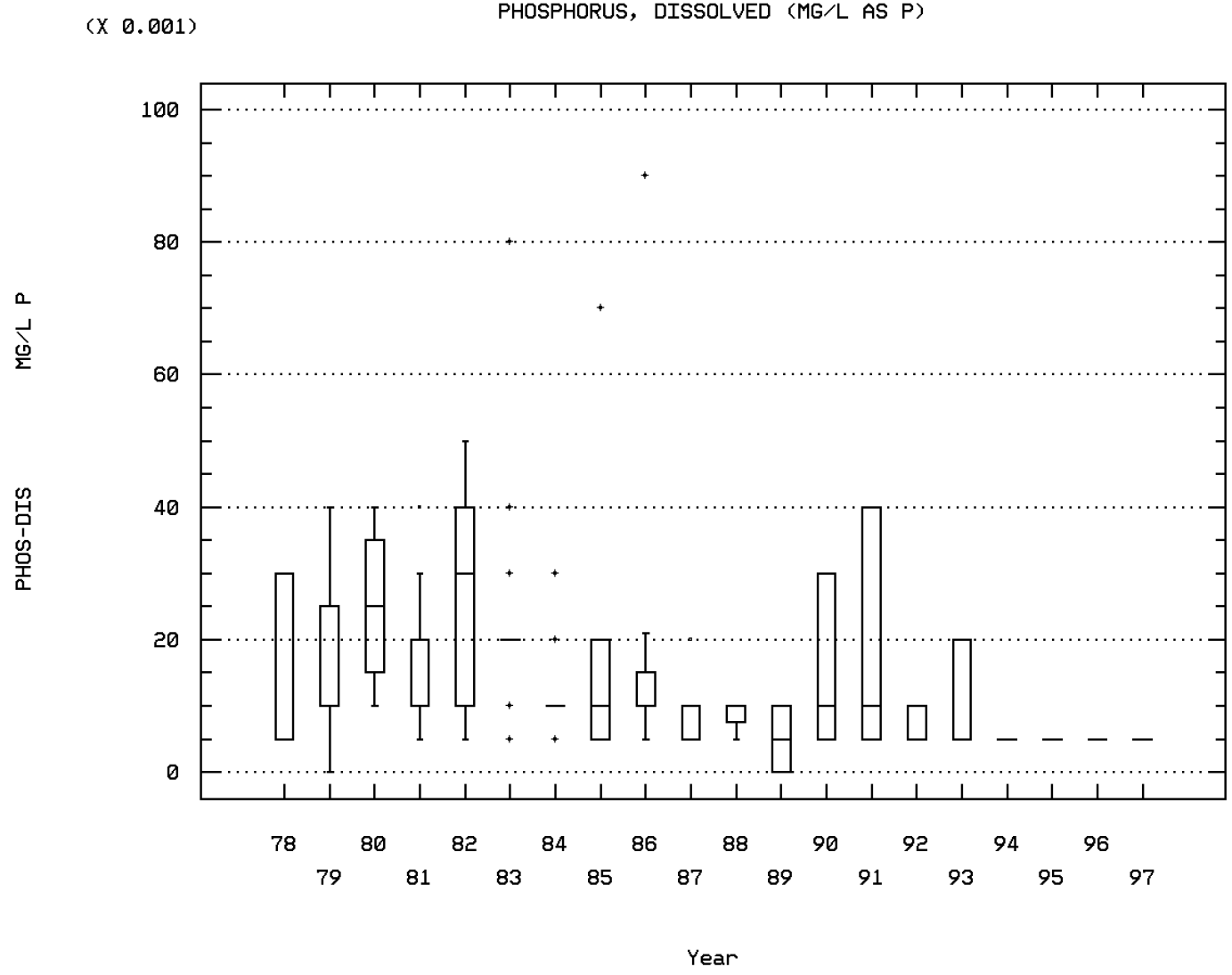
PHOSPHORUS, TOTAL (MG/L AS P)



OLYMPUS TUNNEL AT LAKE ESTES, CO.

Station: ROMO0470 Parameter Code: 00666

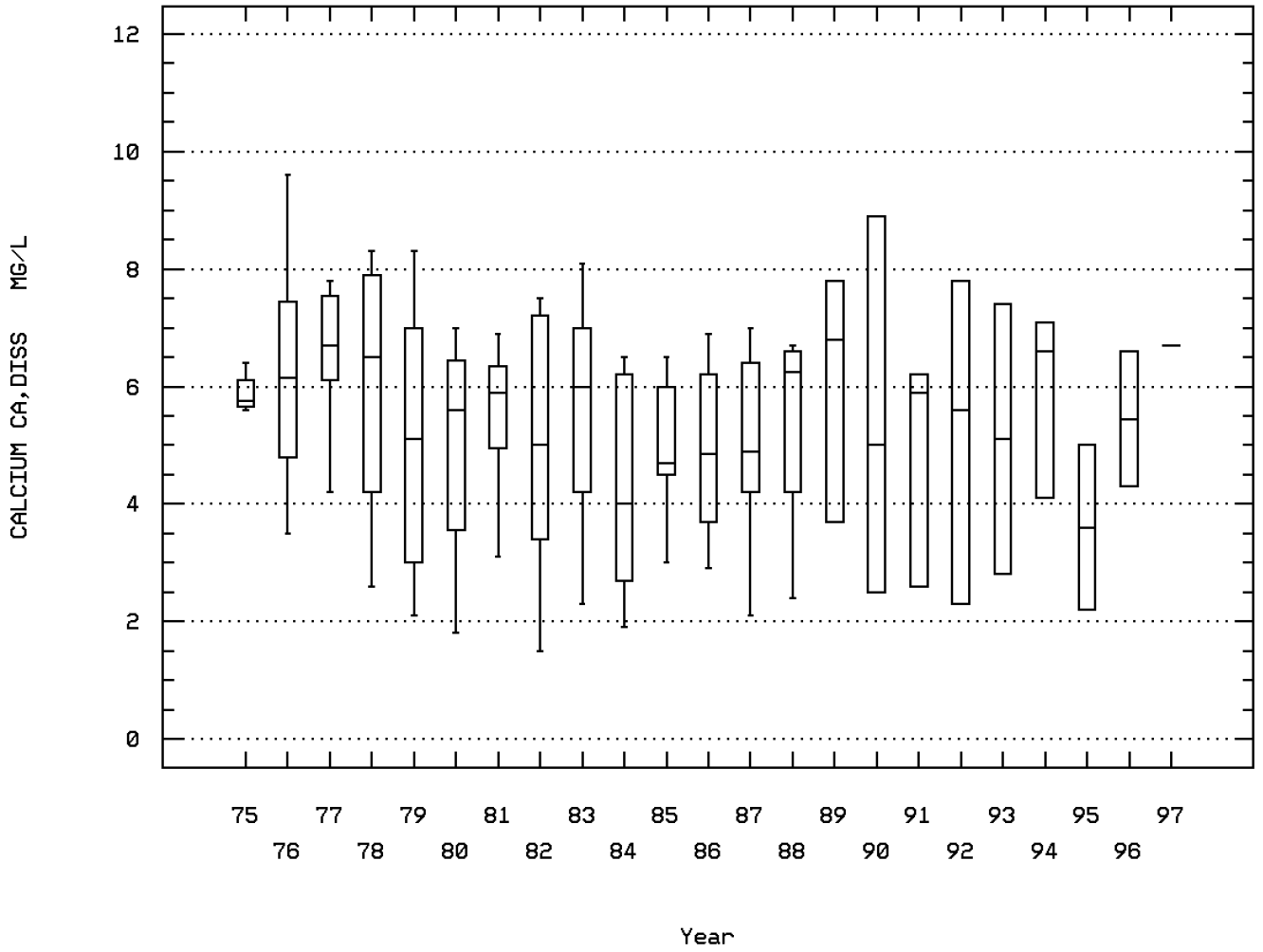
PHOSPHORUS, DISSOLVED (MG/L AS P)



OLYMPUS TUNNEL AT LAKE ESTES, CO.

Station: ROMO0470 Parameter Code: 00915

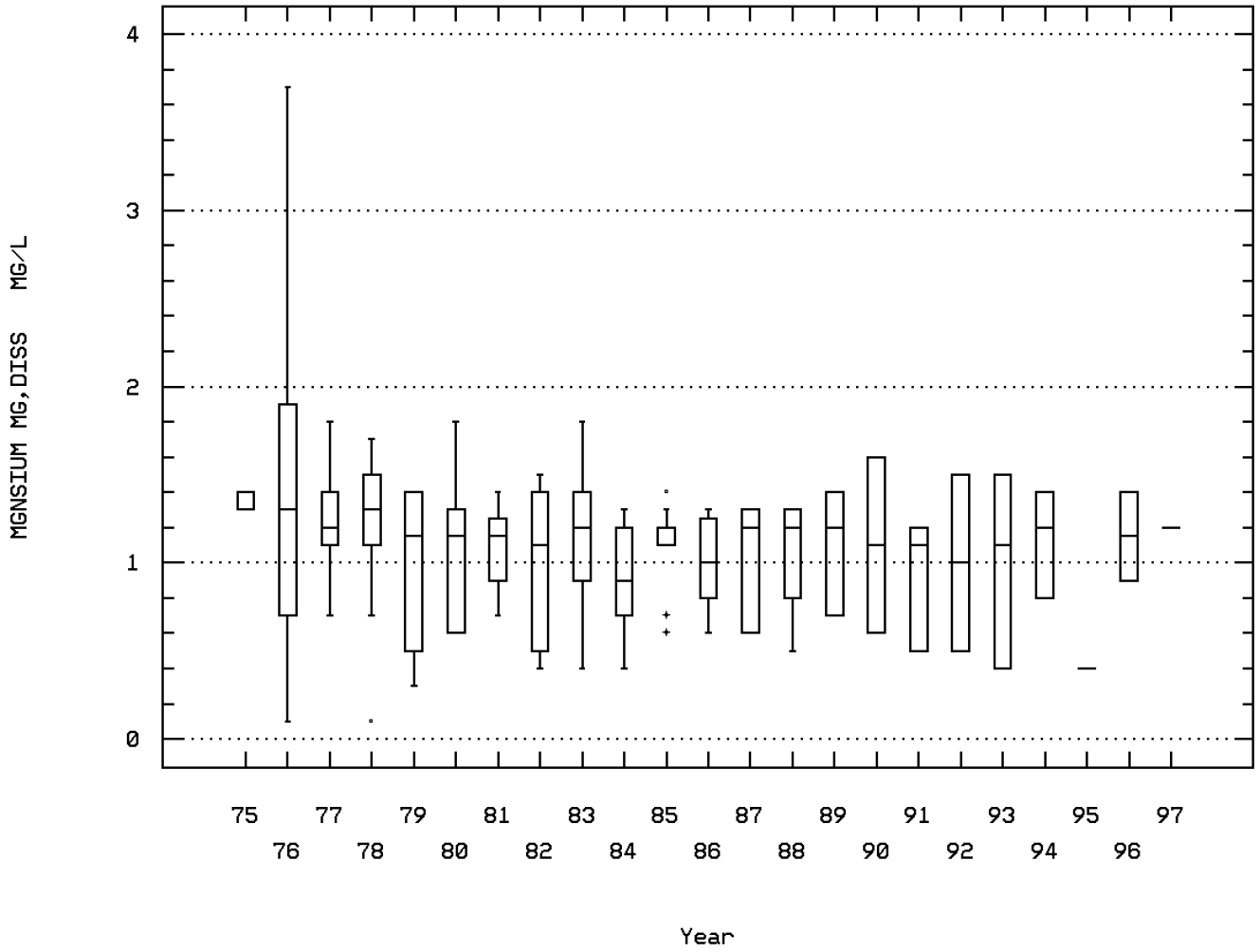
CALCIUM, DISSOLVED (MG/L AS CA)



OLYMPUS TUNNEL AT LAKE ESTES, CO.

Station: ROMO0470 Parameter Code: 00925

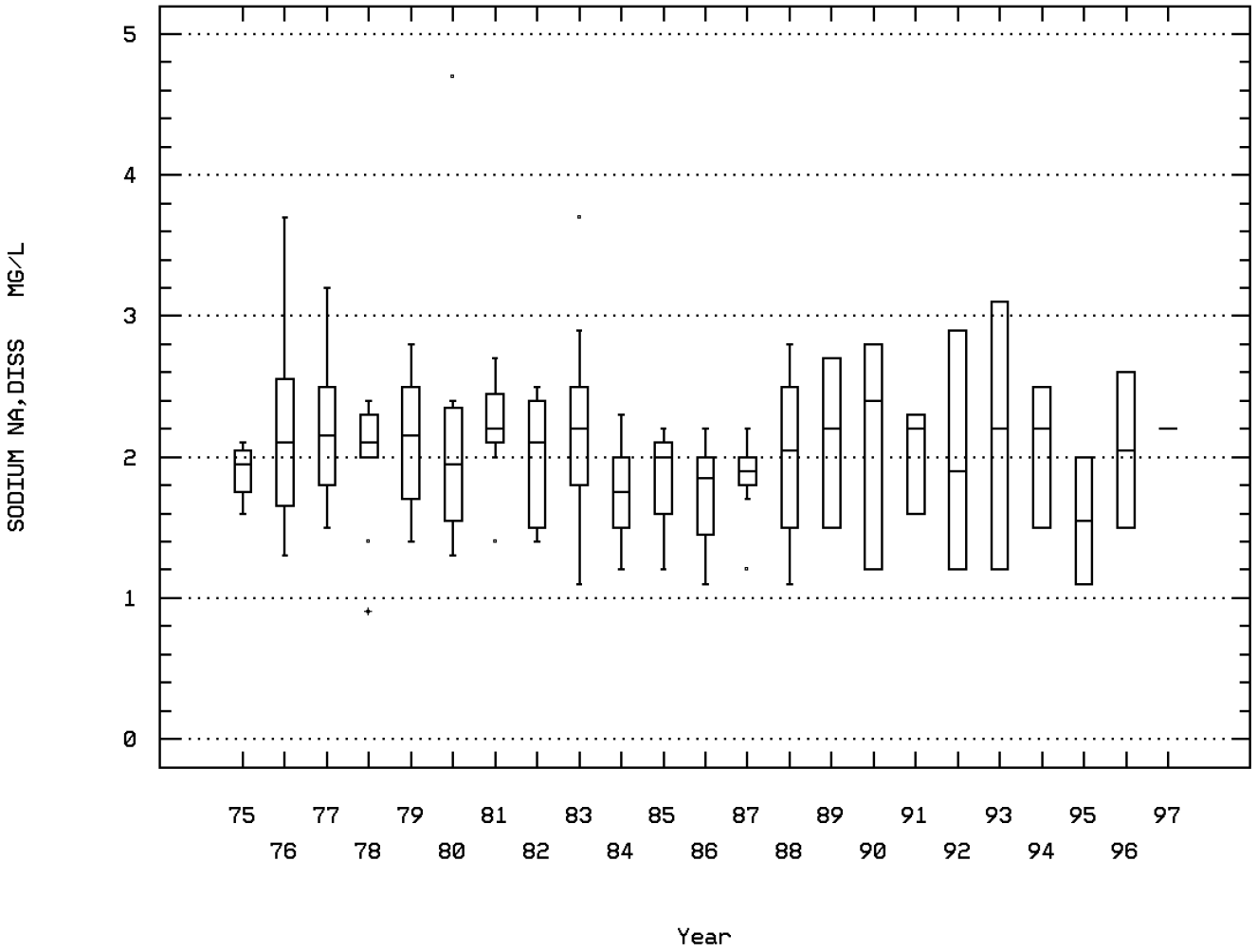
MAGNESIUM, DISSOLVED (MG/L AS MG)



OLYMPUS TUNNEL AT LAKE ESTES, CO.

Station: ROMO0470 Parameter Code: 00930

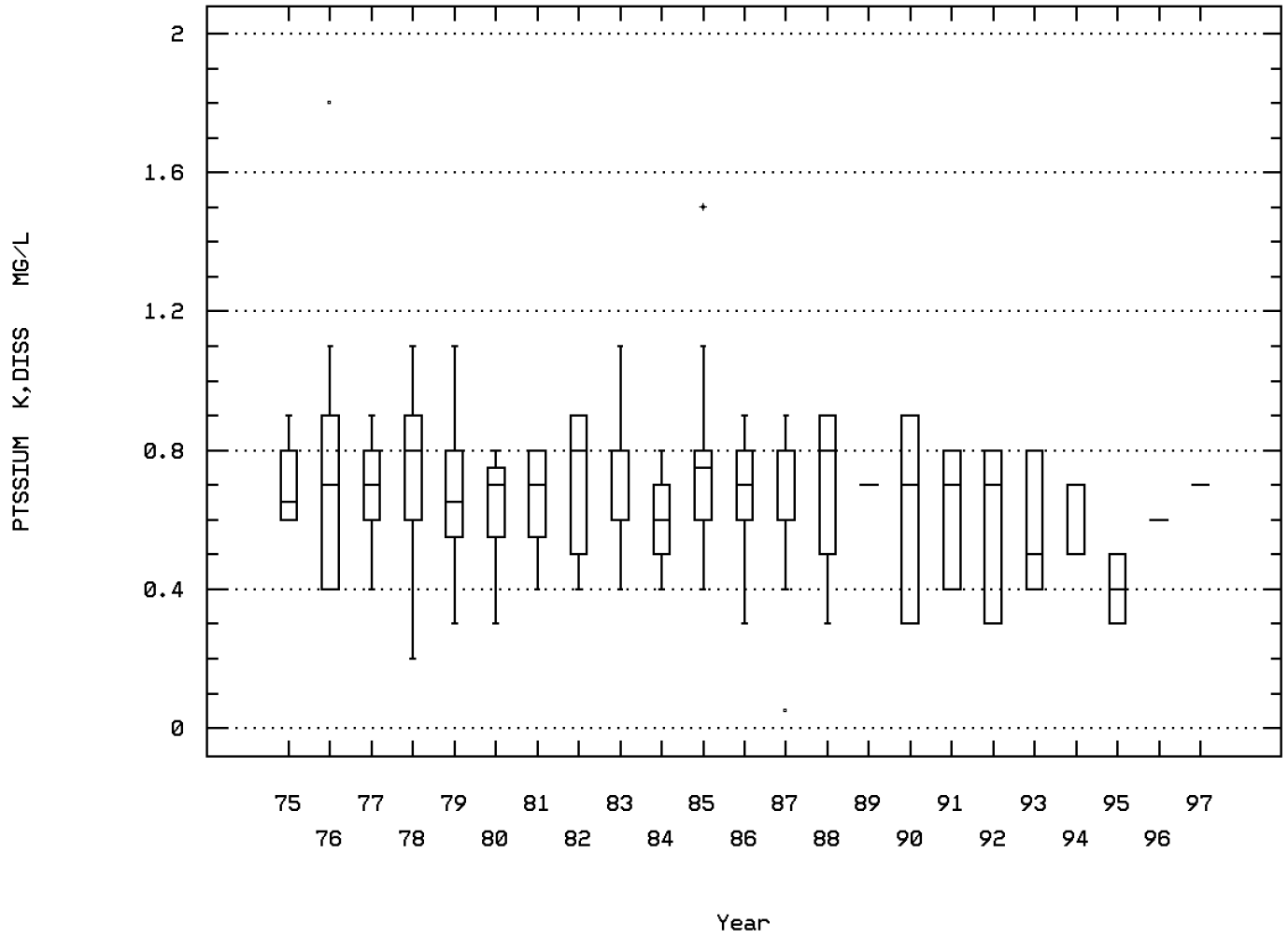
SODIUM, DISSOLVED (MG/L AS NA)



OLYMPUS TUNNEL AT LAKE ESTES, CO.

Station: ROMO0470 Parameter Code: 00935

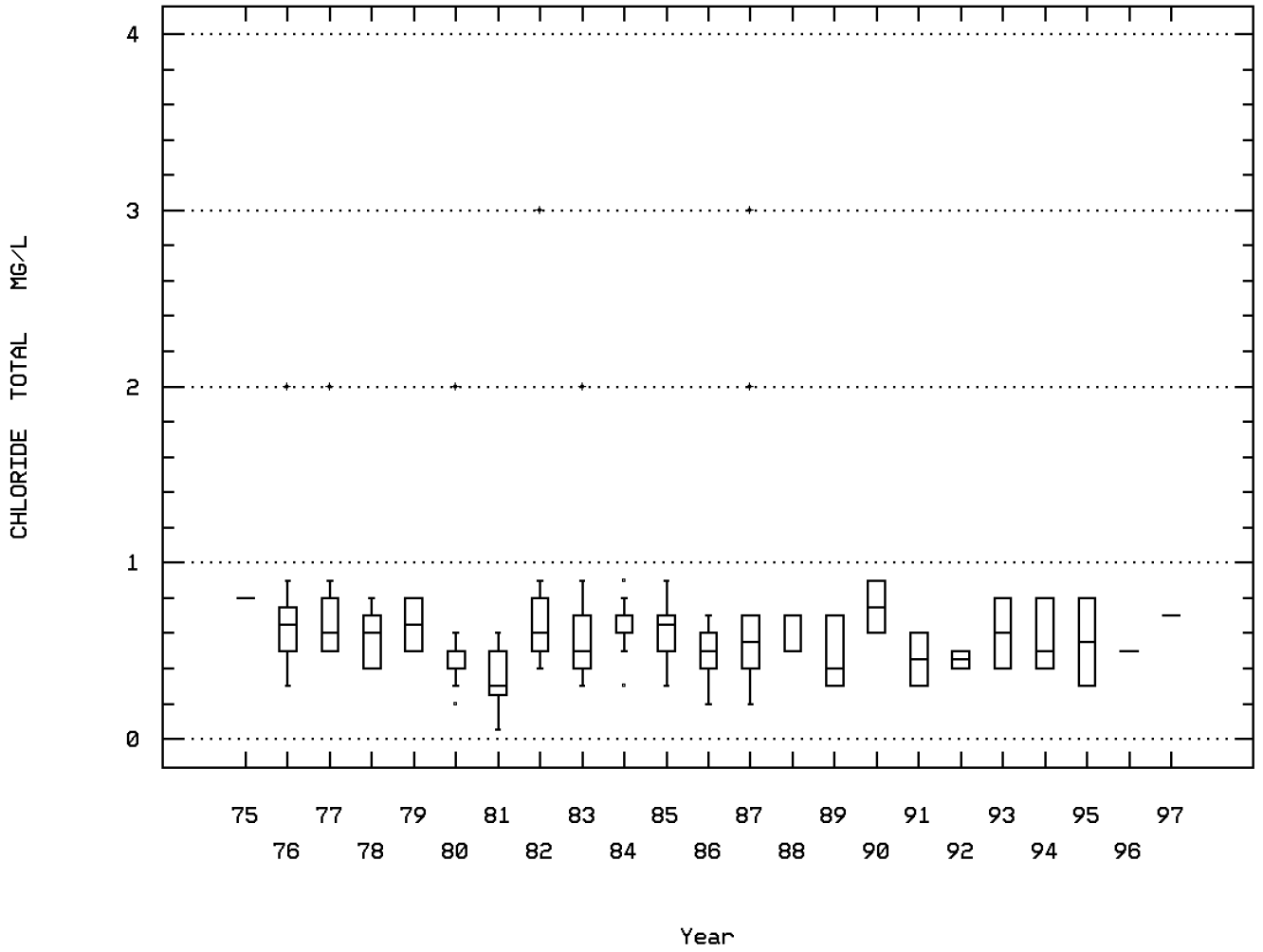
POTASSIUM, DISSOLVED (MG/L AS K)



OLYMPUS TUNNEL AT LAKE ESTES, CO.

Station: ROMO0470 Parameter Code: 00940

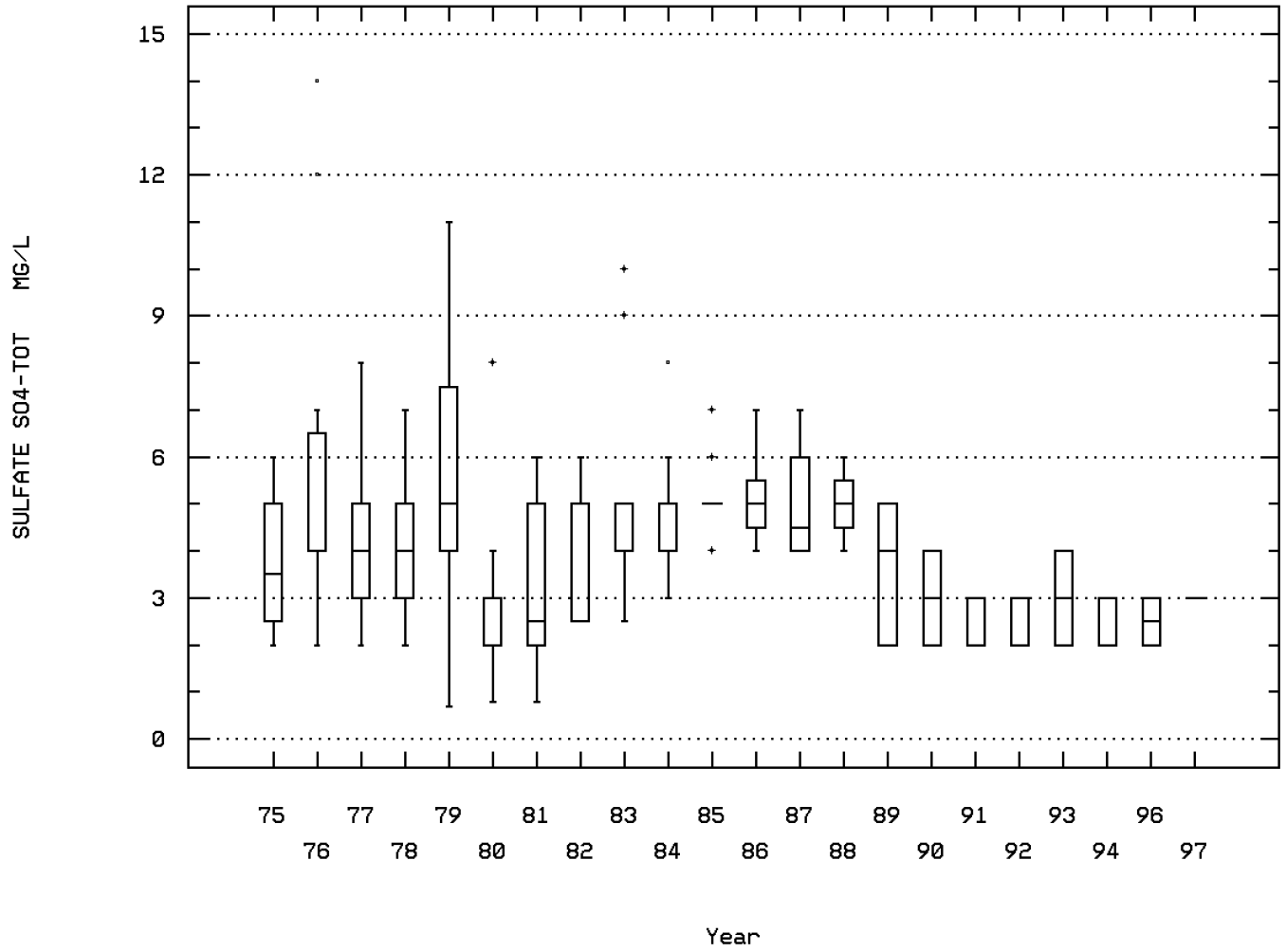
CHLORIDE,TOTAL IN WATER



OLYMPUS TUNNEL AT LAKE ESTES, CO.

Station: ROMO0470 Parameter Code: 00945

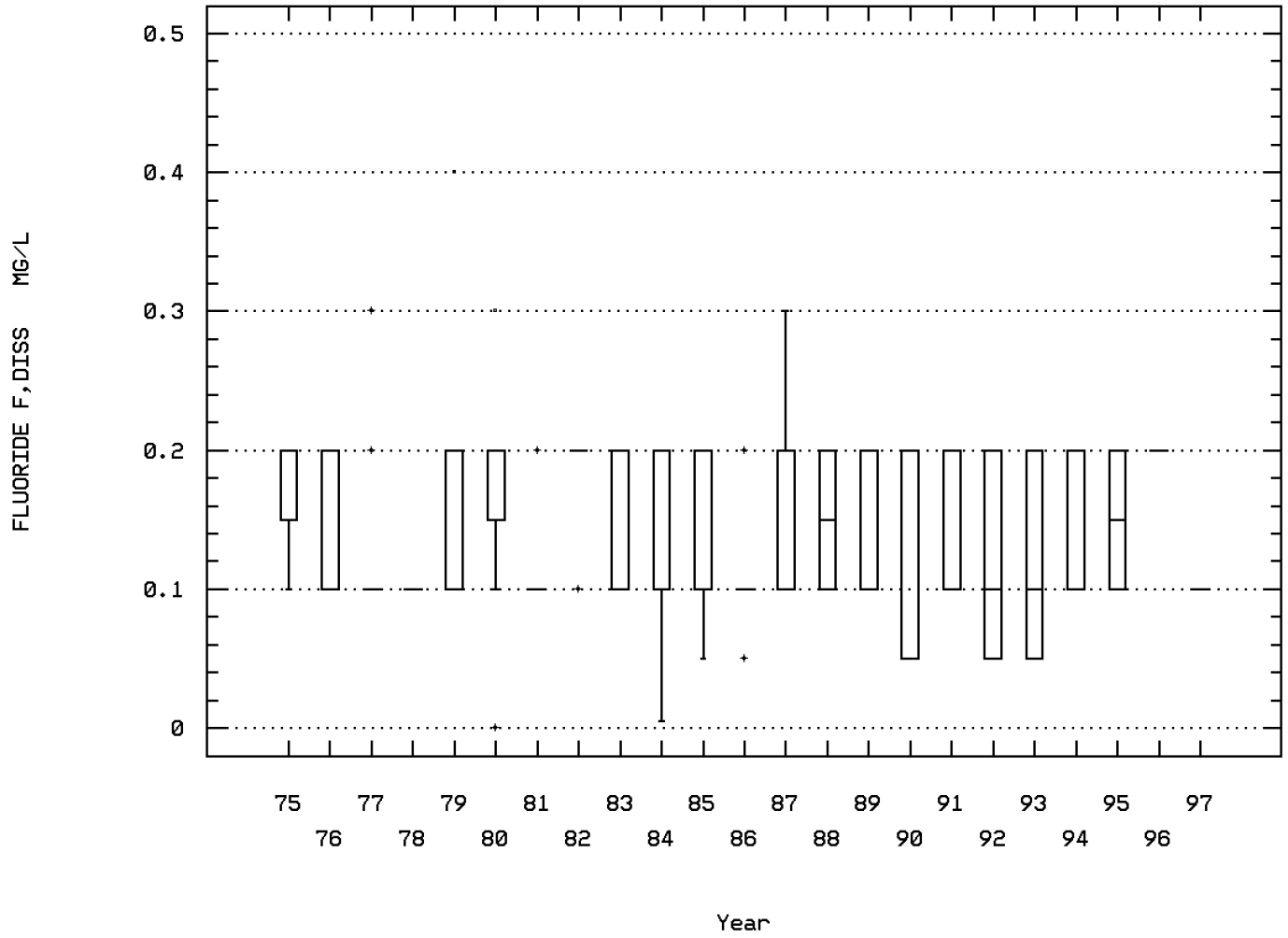
SULFATE, TOTAL (MG/L AS SO4)



OLYMPUS TUNNEL AT LAKE ESTES, CO.

Station: ROMO0470 Parameter Code: 00950

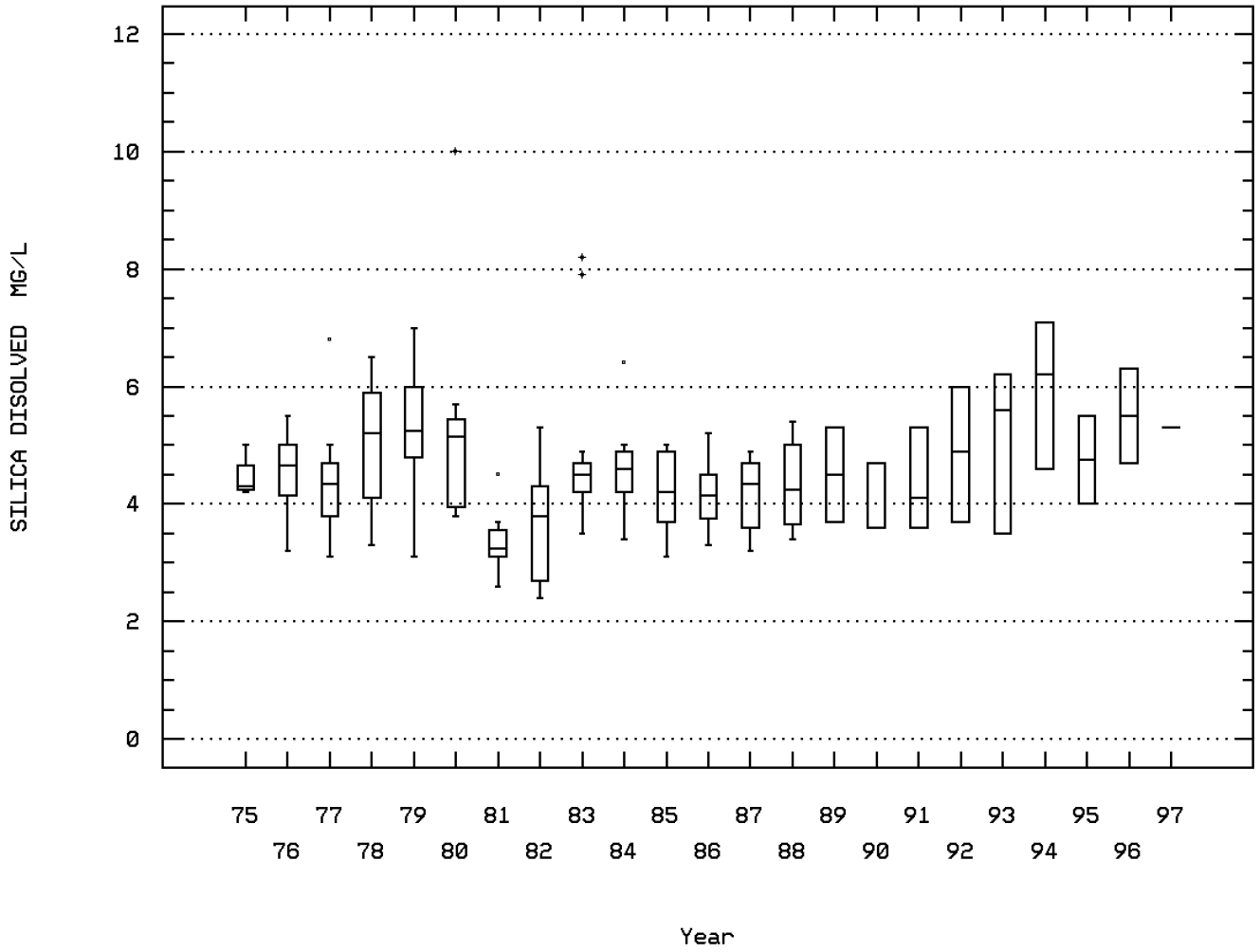
FLUORIDE, DISSOLVED (MG/L AS F)



OLYMPUS TUNNEL AT LAKE ESTES, CO.

Station: ROMO0470 Parameter Code: 00955

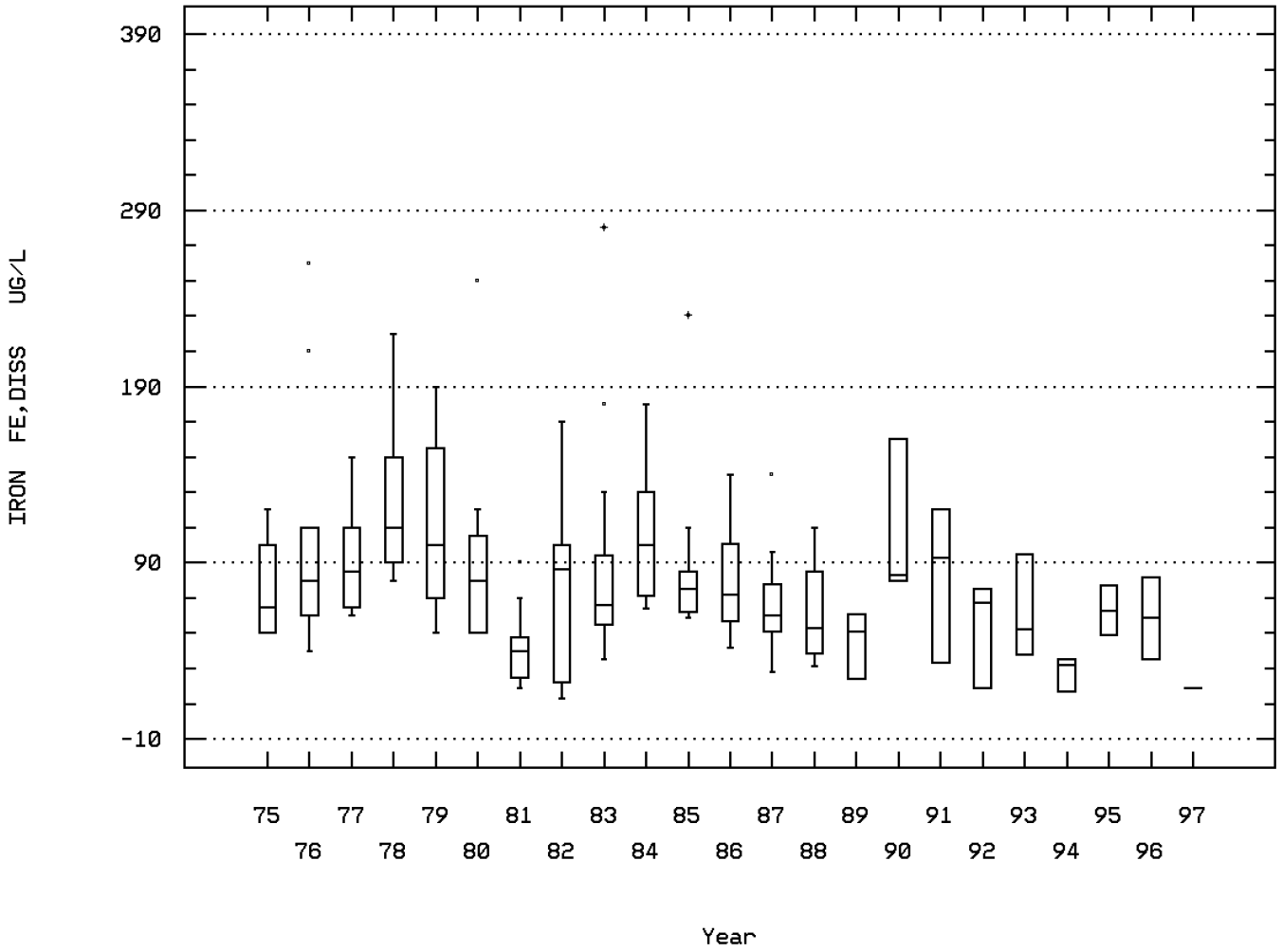
SILICA, DISSOLVED (MG/L AS SI02)



OLYMPUS TUNNEL AT LAKE ESTES, CO.

Station: ROMO0470 Parameter Code: 01046

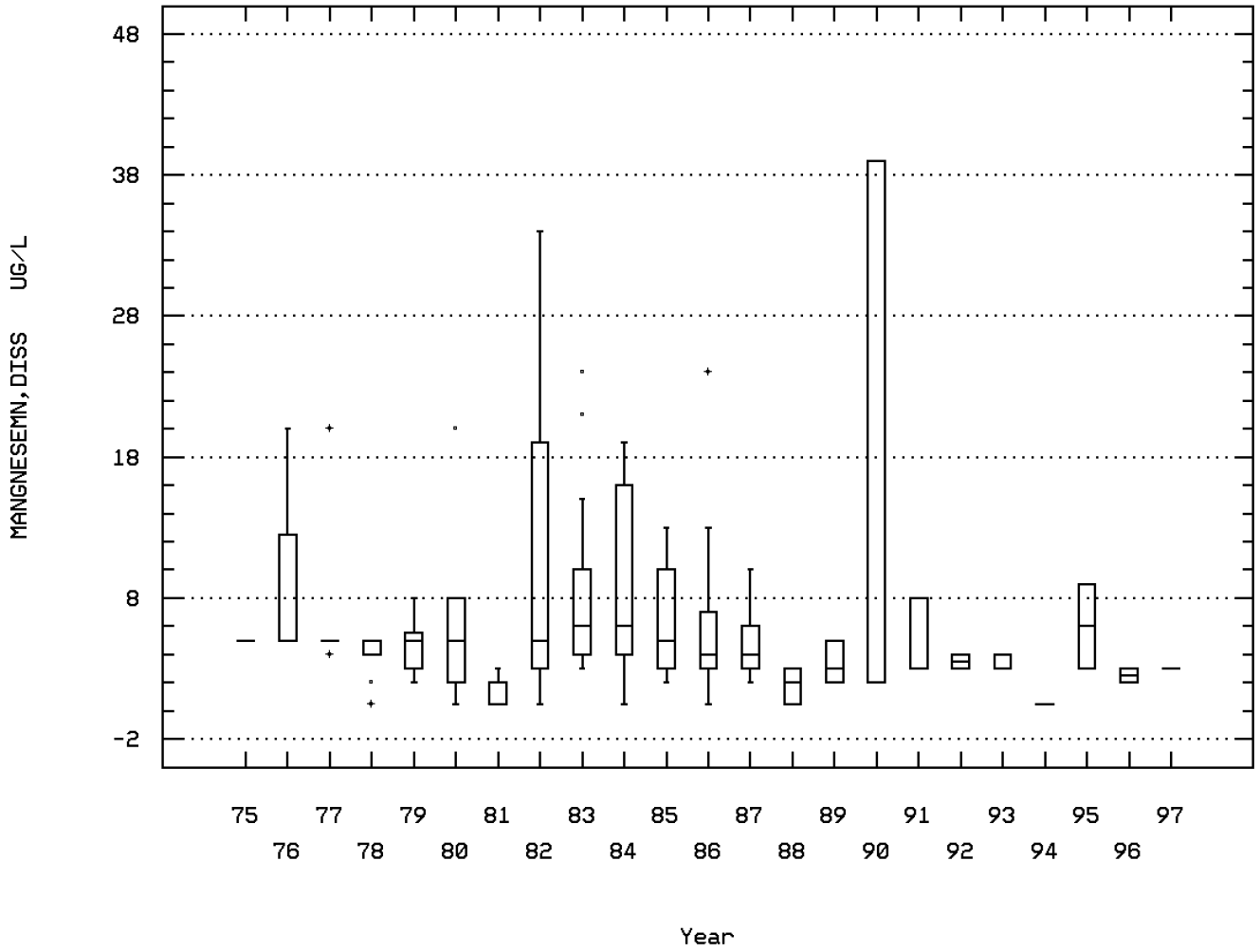
IRON, DISSOLVED (UG/L AS FE)



OLYMPUS TUNNEL AT LAKE ESTES, CO.

Station: ROMO0470 Parameter Code: 01056

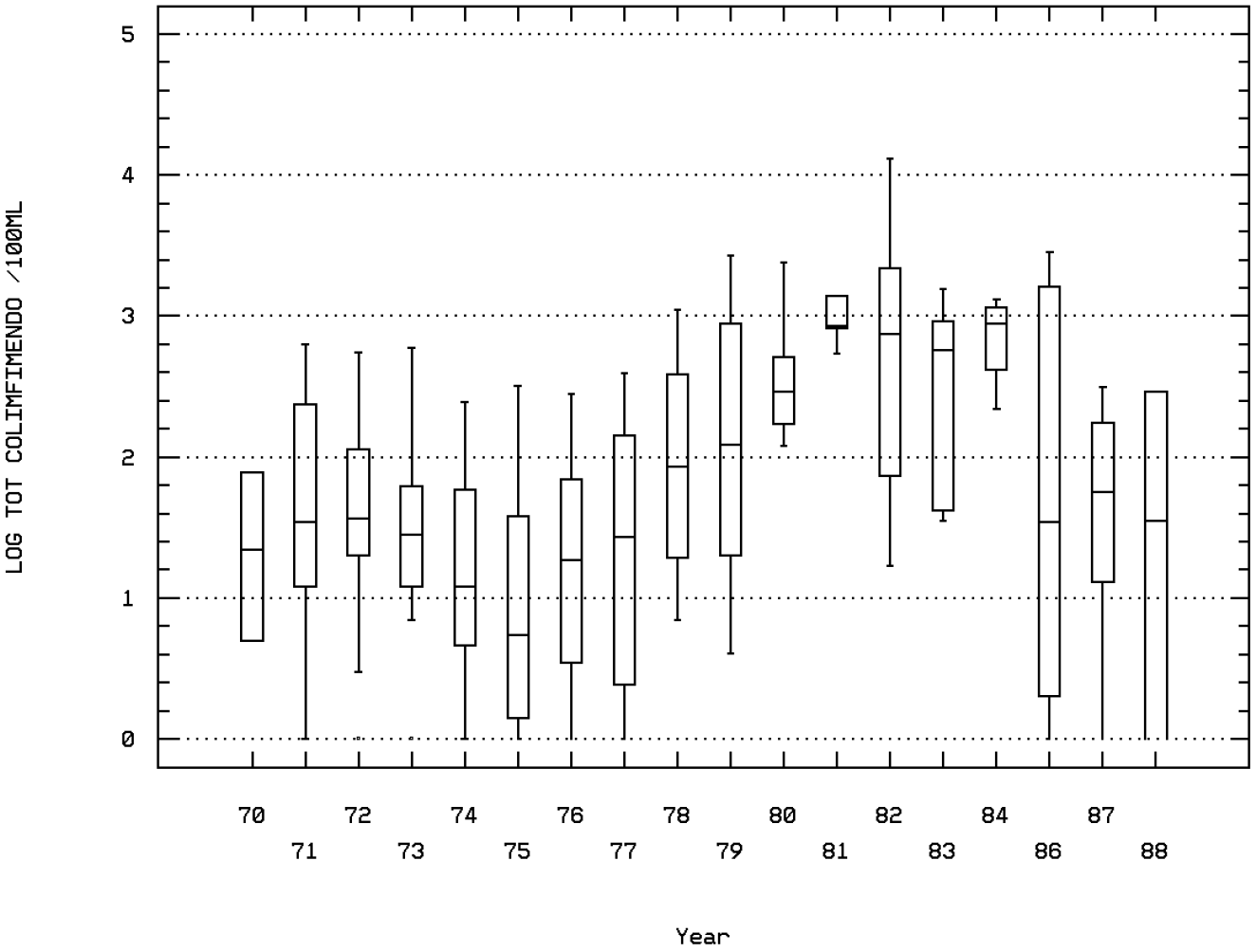
MANGANESE, DISSOLVED (UG/L AS MN)



OLYMPUS TUNNEL AT LAKE ESTES, CO.

Station: ROMO0470 Parameter Code: 31501

LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.



OLYMPUS TUNNEL AT LAKE ESTES, CO.

Seasonal Analysis for Season #1: 6/10 to 10/31 - Station ROMO0470

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/70-03/10/97	89	13.5	12.921	21.	5.5	9.772	3.126	9.	10.	15.5	16.5
00025	BAROMETRIC PRESSURE (MM OF HG)	04/20/83-03/10/97	32	580.	582.156	625.	565.	106.394	10.315	572.	579.25	585.	591.3
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/09/74-03/10/97	67	499.	431.119	587.	1.	23792.198	154.247	200.	387.	550.	574.2
00065	STAGE, STREAM (FEET)	09/28/83-03/10/97	16	6.17	6.206	7.94	3.34	2.099	1.449	3.347	5.553	7.605	7.94
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/70-03/10/97	89	31.	34.601	80.	17.	157.956	12.568	22.	25.	44.	51.
00300p	OXYGEN, DISSOLVED MG/L	09/02/70-03/10/97	89	7.9	7.948	10.2	6.4	0.551	0.742	7.2	7.4	8.45	8.8
00400p	PH (STANDARD UNITS)	09/02/70-03/10/97	87	7.4	7.431	8.8	6.3	0.224	0.473	6.89	7.1	7.7	8.1
00400p	CONVERTED PH (STANDARD UNITS)	09/02/70-03/10/97	87	7.4	7.204	8.8	6.3	0.276	0.525	6.89	7.1	7.7	8.1
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/02/70-03/10/97	87	0.04	0.062	0.501	0.002	0.006	0.076	0.008	0.02	0.079	0.129
00403	PH, LAB, STANDARD UNITS SU	11/19/80-03/10/97	42	7.6	7.602	8.5	7.	0.139	0.373	7.1	7.3	7.8	8.14
00403	CONVERTED PH, LAB, STANDARD UNITS	11/19/80-03/10/97	42	7.6	7.466	8.5	7.	0.158	0.398	7.1	7.3	7.8	8.14
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/19/80-03/10/97	42	0.025	0.034	0.1	0.003	0.001	0.026	0.007	0.016	0.05	0.079
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	03/13/89-03/10/97	7	0.03	0.034	0.08	0.005	0.001	0.027	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/18/75-11/19/92	61	0.04	0.052	0.23	0.	0.003	0.055	0.005	0.01	0.065	0.14
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/18/75-03/10/97	65 ##	0.005	0.01	0.22	0.	0.001	0.027	0.005	0.005	0.01	0.01
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/18/75-11/18/81	27	0.04	0.114	2.1	0.	0.158	0.398	0.	0.01	0.06	0.092
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/21/86-03/10/97	8	0.3	0.25	0.4	0.1	0.011	0.107	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/18/75-03/10/97	66 ##	0.05	0.088	2.3	0.	0.08	0.283	0.02	0.04	0.05	0.1
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/18/75-03/10/97	65	0.03	0.038	0.59	0.005	0.005	0.071	0.01	0.02	0.04	0.054
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/13/78-03/10/97	52	0.01	0.019	0.09	0.	0.	0.019	0.005	0.01	0.021	0.04
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/18/75-03/10/97	23 ##	0.005	0.009	0.07	0.	0.	0.014	0.005	0.005	0.01	0.016
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/18/75-03/23/83	33	13.	13.909	24.	5.	26.585	5.156	7.	9.5	19.	20.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/18/75-03/10/97	66	3.75	3.93	8.1	1.5	2.177	1.475	2.2	2.6	4.9	6.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/18/75-03/10/97	66	0.7	0.773	1.4	0.1	0.084	0.291	0.4	0.575	1.	1.2
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/18/75-03/10/97	66	1.5	1.589	2.3	0.9	0.13	0.36	1.1	1.3	1.9	2.1
00931	SODIUM ADSORPTION RATIO	09/18/75-03/23/83	33	0.2	0.203	0.3	0.2	0.	0.017	0.2	0.2	0.2	0.2
00932	SODIUM, PERCENT	09/18/75-03/23/83	33	20.	21.152	34.	13.	22.195	4.711	15.4	18.	25.	28.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/18/75-03/10/97	66	0.5	0.536	1.5	0.05	0.045	0.211	0.3	0.4	0.6	0.73
00940	CHLORIDE,TOTAL IN WATER MG/L	09/18/75-03/10/97	66	0.5	0.63	3.	0.05	0.275	0.524	0.3	0.4	0.6	0.9
00945	SULFATE, TOTAL (MG/L AS SO4)	09/18/75-03/10/97	66	4.	3.739	11.	0.8	3.273	1.809	2.	2.	5.	6.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/18/75-03/10/97	64	0.1	0.131	0.4	0.	0.005	0.067	0.075	0.1	0.2	0.2
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/18/75-03/10/97	66	3.85	3.9	6.8	3.	0.389	0.623	3.2	3.475	4.225	4.6
01005	BARIUM, DISSOLVED (UG/L AS BA)	03/13/89-03/10/97	7	4.	3.714	5.	3.	0.571	0.756	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	03/13/89-03/10/97	7 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	03/13/89-03/10/97	7 ##	5.	5.714	10.	5.	3.571	1.89	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	03/13/89-03/10/97	7 ##	0.5	0.571	1.	0.5	0.036	0.189	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	03/13/89-03/10/97	7 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	03/13/89-03/10/97	7 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	03/13/89-03/10/97	7 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/18/75-03/10/97	66	77.	83.985	230.	31.	1481.584	38.491	45.7	60.	100.	130.
01049	LEAD, DISSOLVED (UG/L AS PB)	03/13/89-03/10/97	7 ##	5.	6.429	10.	5.	5.952	2.44	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/18/75-03/10/97	66	4.	6.045	34.	0.5	40.698	6.379	0.85	2.	8.	18.3
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	03/13/89-03/10/97	7 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	03/13/89-03/10/97	7 ##	5.	5.714	10.	5.	3.571	1.89	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	03/13/89-03/10/97	7 ##	0.5	1.	2.	0.5	0.5	0.707	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	03/13/89-03/10/97	7	13.	15.143	23.	11.	20.476	4.525	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	03/13/89-03/10/97	7 ##	3.	3.	3.	3.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	03/13/89-03/10/97	7	7.	7.429	14.	1.5	26.536	5.151	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	03/13/89-03/10/97	7 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/02/70-07/11/88	69	245.	642.906	13000.	0.5	2630887.701	1622.001	18.	57.	622.5	1400.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/02/70-07/11/88	69	2.389	2.262	4.114	-0.301	0.598	0.773	1.255	1.756	2.794	3.146
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			182.633								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/02/70-09/14/76	29	9.	22.845	210.	0.	1613.109	40.164	0.5	1.	35.5	55.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/02/70-09/14/76	29	0.954	0.85	2.322	-0.301	0.563	0.75	-0.301	0.	1.549	1.74
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			7.075								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/13/76-10/03/88	39	38.	128.795	1200.	0.5	59657.838	244.25	2.	4.	100.	520.
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/13/76-10/03/88	39	1.58	1.447	3.079	-0.301	0.749	0.865	0.301	0.602	2.	2.716
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			27.994								
60050	ALGAE, TOTAL (CELLS/ML)	09/18/75-09/24/87	40	4050.	4720.5	12000.	440.	11249804.872	3354.073	790.	2075.	7075.	9650.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 6/10 to 10/31 - Station ROMO0470

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/18/75-03/10/97	30	23.5	23.633	44.	10.	56.171	7.495	16.	18.	27.5	32.9
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/18/75-06/11/87	30	23.5	24.467	46.	15.	46.947	6.852	16.1	19.	29.	32.
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/09/75-09/24/87	30	31.	32.092	59.	0.06	130.289	11.414	16.24	26.65	40.75	45.86
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	09/18/75-06/11/87	30	0.03	0.033	0.06	0.01	0.	0.01	0.02	0.03	0.04	0.04
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/18/75-11/18/81	27	0.2	0.504	9.2	0.	3.038	1.743	0.	0.04	0.3	0.4
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	09/18/75-11/18/81	28	0.	0.041	0.72	0.	0.018	0.135	0.	0.	0.03	0.07
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	04/18/79-09/24/85	27	0.09	0.161	1.8	0.03	0.109	0.33	0.06	0.06	0.12	0.186
85209	ALGAL GROWTH POTENTIAL, FILTERED (MG/L)	07/15/76-09/24/87	34	2.	34.538	375.	0.2	6012.257	77.539	0.35	0.5	33.	94.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 4/10 - Station ROMO0470

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/70-03/10/97	101	2.	2.316	6.	0.	1.673	1.293	1.	1.5	3.	4.4
00025	BAROMETRIC PRESSURE (MM OF HG)	04/20/83-03/10/97	36	577.5	576.694	590.	555.	46.275	6.803	568.5	573.	581.5	584.3
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/09/74-03/10/97	68	467.	415.632	581.	4.	22431.37	149.771	198.8	358.5	548.5	552.1
00065	STAGE, STREAM (FEET)	09/28/83-03/10/97	26	5.735	5.017	7.67	0.31	4.296	2.073	1.956	3.385	6.963	7.572
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/70-03/10/97	102	55.	55.299	95.	19.5	143.08	11.962	42.	50.	61.25	70.
00300p	OXYGEN, DISSOLVED MG/L	09/02/70-03/10/97	99	9.8	9.791	14.8	7.8	1.04	1.02	8.7	9.2	10.2	11.1
00400p	PH (STANDARD UNITS)	09/02/70-03/10/97	98	7.4	7.435	8.4	6.3	0.151	0.389	6.99	7.2	7.7	7.9
00400p	CONVERTED PH (STANDARD UNITS)	09/02/70-03/10/97	98	7.4	7.252	8.4	6.3	0.185	0.43	6.99	7.2	7.7	7.9
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/02/70-03/10/97	98	0.04	0.056	0.501	0.004	0.005	0.073	0.013	0.02	0.063	0.103
00403	PH, LAB, STANDARD UNITS SU	11/19/80-03/10/97	49	7.6	7.616	8.3	7.	0.076	0.276	7.3	7.4	7.8	8.
00403	CONVERTED PH, LAB, STANDARD UNITS	11/19/80-03/10/97	49	7.6	7.539	8.3	7.	0.082	0.287	7.3	7.4	7.8	8.
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/19/80-03/10/97	49	0.025	0.029	0.1	0.005	0.	0.017	0.01	0.016	0.04	0.05
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	03/13/89-03/10/97	14	0.02	0.019	0.04	0.005	0.	0.01	0.006	0.009	0.023	0.035
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/18/75-11/19/92	68	0.03	0.046	0.22	0.	0.002	0.044	0.005	0.01	0.07	0.1
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/18/75-03/10/97	76 ##	0.005	0.007	0.03	0.	0.	0.005	0.005	0.005	0.01	0.01
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/18/75-11/18/81	33	0.12	0.131	0.31	0.	0.005	0.068	0.04	0.09	0.165	0.226
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/21/86-03/10/97	14	0.25	0.279	0.6	0.1	0.023	0.153	0.1	0.175	0.4	0.55
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/18/75-03/10/97	76	0.09	0.097	0.3	0.	0.004	0.061	0.05	0.05	0.1	0.2
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/18/75-03/10/97	75	0.02	0.095	5.	0.005	0.331	0.575	0.01	0.01	0.03	0.054
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/13/78-03/10/97	60	0.01	0.015	0.04	0.	0.	0.012	0.005	0.005	0.02	0.039
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/18/75-03/10/97	35 ##	0.005	0.011	0.05	0.005	0.	0.012	0.005	0.005	0.01	0.034
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/18/75-03/23/83	41	23.	22.902	39.	17.	15.09	3.885	18.2	20.5	24.	27.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/18/75-03/10/97	76	6.55	6.532	9.6	4.3	1.068	1.034	5.	6.	7.175	7.93
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/18/75-03/10/97	76	1.3	1.312	3.7	0.9	0.118	0.343	1.	1.2	1.4	1.6
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/18/75-03/10/97	76	2.2	2.275	3.7	1.5	0.126	0.354	1.87	2.025	2.4	2.7
00931	SODIUM ADSORPTION RATIO	09/18/75-03/23/83	41	0.2	0.21	0.3	0.2	0.001	0.03	0.2	0.2	0.2	0.28
00932	SODIUM, PERCENT	09/18/75-03/23/83	41	18.	18.146	27.	15.	4.578	2.14	15.	17.	19.	20.
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/18/75-03/10/97	75	0.8	0.781	1.8	0.5	0.031	0.176	0.6	0.7	0.9	0.9
00940	CHLORIDE,TOTAL IN WATER MG/L	09/18/75-03/10/97	76	0.6	0.662	2.	0.2	0.065	0.256	0.4	0.5	0.8	1.
00945	SULFATE, TOTAL (MG/L AS SO4)	09/18/75-03/10/97	76	4.	4.279	14.	0.7	4.49	2.119	2.	3.	5.	6.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/18/75-03/10/97	76	0.1	0.145	0.3	0.05	0.003	0.054	0.1	0.1	0.2	0.2
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/18/75-03/10/97	76	4.7	4.734	7.1	2.4	0.684	0.827	3.81	4.325	5.2	5.76
01005	BARIUM, DISSOLVED (UG/L AS BA)	03/13/89-03/10/97	14	6.	6.214	8.	5.	0.951	0.975	5.	5.75	7.	8.
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	03/13/89-03/10/97	14 ##	0.25	0.25	0.25	0.25	0.	0.	0.25	0.25	0.25	0.25
01020	BORON, DISSOLVED (UG/L AS B)	03/13/89-03/10/97	14 ##	5.	5.071	10.	2.	2.687	1.639	3.	5.	5.	7.5
01025	CADMIUM, DISSOLVED (UG/L AS CD)	03/13/89-03/10/97	14 ##	0.5	0.714	2.	0.5	0.297	0.545	0.5	0.5	0.5	2.
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	03/13/89-03/10/97	14 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
01035	COBALT, DISSOLVED (UG/L AS CO)	03/13/89-03/10/97	14 ##	1.5	1.5	1.5	1.5	0.	0.	1.5	1.5	1.5	1.5
01040	COPPER, DISSOLVED (UG/L AS CU)	03/13/89-03/10/97	14 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01046	IRON, DISSOLVED (UG/L AS FE)	09/18/75-03/10/97	76	60.5	72.553	220.	13.	2032.651	45.085	20.	40.	90.	150.
01049	LEAD, DISSOLVED (UG/L AS PB)	03/13/89-03/10/97	14 ##	5.	5.357	10.	5.	1.786	1.336	5.	5.	5.	7.5
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/18/75-03/10/97	76	4.	5.026	39.	0.5	29.666	5.447	1.	3.	5.	8.
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	03/13/89-03/10/97	14 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 4/10 - Station ROMO0470

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01065	NICKEL, DISSOLVED (UG/L AS NI)	03/13/89-03/10/97	14 ##	5.	5.	5.	5.	0.	0.	5.	5.	5.	5.
01075	SILVER, DISSOLVED (UG/L AS AG)	03/13/89-03/10/97	14 ##	0.5	0.75	2.	0.5	0.298	0.546	0.5	0.5	0.625	2.
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	03/13/89-03/10/97	14	36.5	36.929	51.	25.	62.071	7.879	26.	30.25	43.	49.
01085	VANADIUM, DISSOLVED (UG/L AS V)	03/13/89-03/10/97	14 ##	3.	3.	3.	3.	0.	0.	3.	3.	3.	3.
01090	ZINC, DISSOLVED (UG/L AS ZN)	03/13/89-03/10/97	14	3.5	5.75	18.	1.5	28.567	5.345	1.5	1.5	10.5	15.5
01130	LITHIUM, DISSOLVED (UG/L AS LI)	03/13/89-03/10/97	14 ##	2.	2.	2.	2.	0.	0.	2.	2.	2.	2.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/02/70-07/11/88	50	9.	30.09	290.	0.	3431.742	58.581	0.5	3.	24.	97.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/02/70-07/11/88	50	0.954	0.945	2.462	-0.301	0.494	0.703	-0.301	0.477	1.38	1.985
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			8.81								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/02/70-09/14/76	30	0.5	1.35	15.	0.	7.847	2.801	0.	0.	1.	3.9
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/02/70-09/14/76	30	-0.301	0.025	1.176	-0.301	0.114	0.338	0.	0.	0.	0.59
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.059								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/13/76-10/03/88	20 ##	0.75	4.4	45.	0.5	103.7	10.183	0.5	0.5	3.	14.3
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/13/76-10/03/88	20 ##	-0.151	0.129	1.653	-0.301	0.338	0.581	-0.301	-0.301	0.477	1.149
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			1.346								
60050	ALGAE, TOTAL (CELLS/ML)	09/18/75-09/24/87	23	1400.	3090.435	26900.	110.	30544840.711	5526.739	146.	540.	3100.	6780.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/18/75-03/10/97	41	39.	37.732	66.	0.	106.751	10.332	25.6	35.	44.	47.
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/18/75-06/11/87	40	35.5	35.75	57.	28.	30.603	5.532	30.1	32.	38.	43.6
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/09/75-09/24/87	34	49.5	49.121	98.	10.5	259.236	16.101	22.6	43.35	54.875	68.25
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	09/18/75-06/11/87	38	0.05	0.052	0.09	0.04	0.	0.01	0.04	0.048	0.06	0.061
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/18/75-11/18/81	33	0.5	0.585	1.4	0.	0.095	0.308	0.2	0.4	0.75	1.
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	09/18/75-11/18/81	33	0.03	0.017	0.07	0.	0.	0.018	0.	0.	0.03	0.03
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	04/18/79-09/24/85	23	0.09	0.773	15.	0.03	9.666	3.109	0.03	0.03	0.12	0.732
85209	ALGAL GROWTH POTENTIAL, FILTERED (MG/L)	07/15/76-09/24/87	17	4.	10.694	112.	0.7	692.392	26.313	0.78	1.4	7.9	31.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/11 to 6/09 - Station ROMO0470

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/02/70-03/10/97	38	7.	7.224	10.5	3.5	4.023	2.006	4.45	5.75	9.	10.
00025	BAROMETRIC PRESSURE (MM OF HG)	04/20/83-03/10/97	14	577.	575.714	584.	555.	51.912	7.205	562.5	573.75	580.	583.
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/09/74-03/10/97	30	494.	426.533	575.	18.	29403.361	171.474	110.9	362.5	561.5	575.
00065	STAGE, STREAM (FEET)	09/28/83-03/10/97	7	7.	6.941	7.7	5.85	0.621	0.788	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/02/70-03/10/97	38	53.	51.632	80.	25.	188.509	13.73	29.6	42.25	60.	66.
00300p	OXYGEN, DISSOLVED MG/L	09/02/70-03/10/97	38	8.95	8.911	10.8	6.8	0.673	0.821	8.09	8.375	9.4	9.93
00400p	PH (STANDARD UNITS)	09/02/70-03/10/97	37	7.3	7.386	8.6	6.6	0.178	0.422	6.78	7.2	7.65	8.
00400p	CONVERTED PH (STANDARD UNITS)	09/02/70-03/10/97	37	7.3	7.209	8.6	6.6	0.21	0.459	6.78	7.2	7.65	8.
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/02/70-03/10/97	37	0.05	0.062	0.251	0.003	0.003	0.059	0.01	0.023	0.063	0.167
00403	PH, LAB, STANDARD UNITS SU	11/19/80-03/10/97	18	7.6	7.611	8.3	7.1	0.109	0.331	7.1	7.375	7.8	8.21
00403	CONVERTED PH, LAB, STANDARD UNITS	11/19/80-03/10/97	18	7.6	7.505	8.3	7.1	0.121	0.348	7.1	7.375	7.8	8.21
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/19/80-03/10/97	18	0.025	0.031	0.079	0.005	0.	0.022	0.006	0.016	0.042	0.079
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	03/13/89-03/10/97	2	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/18/75-11/19/92	27	0.03	0.043	0.15	0.005	0.002	0.039	0.009	0.01	0.06	0.112
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	09/18/75-03/10/97	27 ##	0.005	0.007	0.01	0.	0.	0.003	0.004	0.005	0.01	0.01
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	09/18/75-11/18/81	11	0.11	0.101	0.17	0.01	0.003	0.054	0.014	0.06	0.15	0.168
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/21/86-03/10/97	2	0.35	0.35	0.4	0.3	0.005	0.071	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	09/18/75-03/10/97	28	0.05	0.082	0.2	0.01	0.003	0.055	0.039	0.05	0.1	0.2
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/18/75-03/10/97	28	0.02	0.025	0.06	0.005	0.	0.014	0.01	0.02	0.03	0.05
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10/13/78-03/10/97	22	0.01	0.015	0.03	0.005	0.	0.007	0.005	0.01	0.02	0.027
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/18/75-03/10/97	9	0.01	0.011	0.02	0.005	0.	0.006	0.005	0.005	0.015	0.02
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/18/75-03/23/83	15	21.	19.4	25.	7.	28.829	5.369	10.	15.	24.	25.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/18/75-03/10/97	28	5.9	5.643	7.6	2.4	2.176	1.475	3.33	4.35	6.95	7.41
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/18/75-03/10/97	28	1.15	1.186	1.9	0.3	0.132	0.364	0.7	0.925	1.475	1.8
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/18/75-03/10/97	28	2.15	2.329	4.7	1.5	0.476	0.69	1.69	1.9	2.6	3.16
00931	SODIUM ADSORPTION RATIO	09/18/75-03/23/83	15	0.2	0.24	0.4	0.2	0.004	0.063	0.2	0.2	0.3	0.34
00932	SODIUM, PERCENT	09/18/75-03/23/83	15	19.	20.6	31.	15.	23.543	4.852	15.	17.	23.	29.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

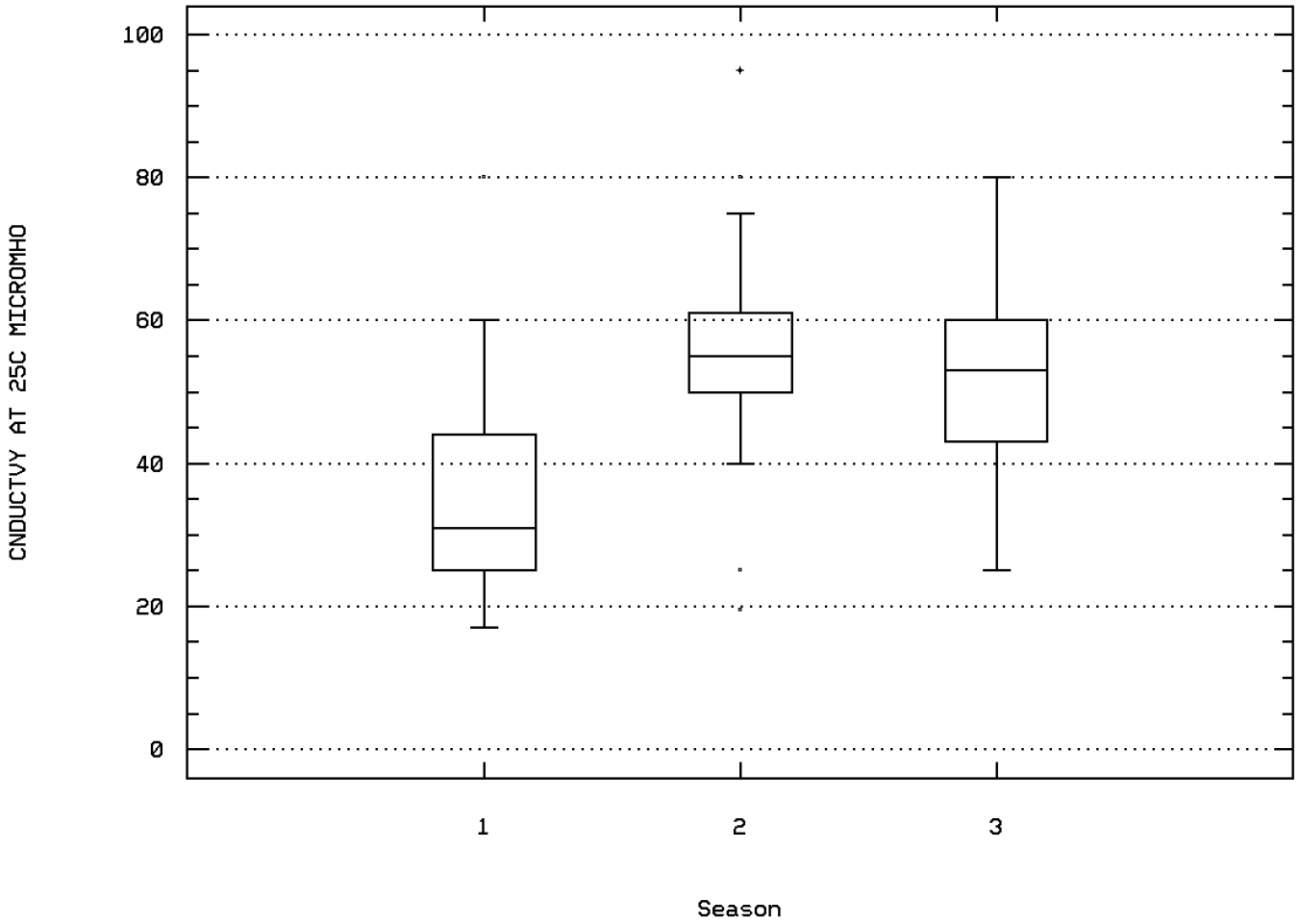
Seasonal Analysis for Season #3: 4/11 to 6/09 - Station ROMO0470

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/18/75-03/10/97	28	0.8	0.771	1.1	0.6	0.016	0.127	0.6	0.7	0.8	0.91
00940	CHLORIDE,TOTAL IN WATER MG/L	09/18/75-03/10/97	28	0.75	0.807	2.	0.2	0.179	0.423	0.29	0.525	1.	1.1
00945	SULFATE, TOTAL (MG/L AS SO4)	09/18/75-03/10/97	28	5.	5.225	10.	0.8	4.943	2.223	2.35	4.	7.	8.1
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/18/75-03/10/97	28	0.2	0.155	0.3	0.05	0.004	0.06	0.1	0.1	0.2	0.2
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/18/75-03/10/97	28	5.25	5.475	10.	2.6	2.486	1.577	3.61	4.9	6.35	7.93
01005	BARIUM, DISSOLVED (UG/L AS BA)	03/13/89-03/10/97	2	5.5	5.5	6.	5.	0.5	0.707	**	**	**	**
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	03/13/89-03/10/97	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	03/13/89-03/10/97	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	03/13/89-03/10/97	2 ##	1.25	1.25	2.	0.5	1.125	1.061	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	03/13/89-03/10/97	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	03/13/89-03/10/97	2 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	03/13/89-03/10/97	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	09/18/75-03/10/97	28	105.	120.536	280.	22.	3885.073	62.33	49.2	87.	140.	251.
01049	LEAD, DISSOLVED (UG/L AS PB)	03/13/89-03/10/97	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/18/75-03/10/97	28	6.	8.304	24.	0.5	38.506	6.205	1.9	5.	12.25	20.
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	03/13/89-03/10/97	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	03/13/89-03/10/97	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	03/13/89-03/10/97	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	03/13/89-03/10/97	2	38.5	38.5	43.	34.	40.5	6.364	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	03/13/89-03/10/97	2 ##	3.	3.	3.	3.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	03/13/89-03/10/97	2 ##	7.25	7.25	13.	1.5	66.125	8.132	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	03/13/89-03/10/97	2 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/02/70-07/11/88	33	52.	316.333	2700.	0.5	340965.339	583.922	1.	12.5	375.	1280.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/02/70-07/11/88	33	1.716	1.662	3.431	-0.301	1.107	1.052	0.	1.097	2.56	3.104
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			45.959								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/02/70-09/14/76	11	1.	3.727	15.	0.	24.168	4.916	0.	0.5	7.	14.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/02/70-09/14/76	11	0.	0.307	1.176	-0.301	0.27	0.52	0.	-0.301	0.845	1.141
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			2.026								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/13/76-10/03/88	21	21.	45.929	260.	0.5	3973.782	63.038	0.6	2.75	65.	120.
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/13/76-10/03/88	21	1.322	1.134	2.415	-0.301	0.696	0.834	-0.241	0.438	1.812	2.079
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			13.602								
60050	ALGAE, TOTAL (CELLS/ML)	09/18/75-09/24/87	22	4455.	7448.182	43600.	120.	86706777.489	9311.647	701.	2225.	10250.	15700.
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	09/18/75-03/10/97	12	38.	35.75	67.	0.	263.295	16.226	7.5	26.25	45.5	61.3
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/18/75-06/11/87	14	34.	33.357	48.	23.	46.555	6.823	23.5	27.75	38.	43.5
70302	SOLIDS, DISSOLVED-TONS PER DAY	10/09/75-09/24/87	15	48.6	49.387	64.8	35.6	123.784	11.126	35.96	38.9	62.1	64.14
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	09/18/75-06/11/87	14	0.05	0.051	0.09	0.03	0.	0.016	0.03	0.04	0.06	0.08
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/18/75-11/18/81	11	0.5	0.445	0.8	0.	0.065	0.254	0.02	0.3	0.7	0.78
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	09/18/75-11/18/81	11	0.	0.014	0.03	0.	0.	0.016	0.	0.	0.03	0.03
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	04/18/79-09/24/85	11	0.09	0.095	0.18	0.03	0.002	0.048	0.036	0.06	0.15	0.174
85209	ALGAL GROWTH POTENTIAL, FILTERED (MG/L)	07/15/76-09/24/87	20	1.35	25.352	185.	0.04	2204.523	46.952	0.32	0.575	47.075	81.36

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: ROMO0470 Parameter Code: 00095

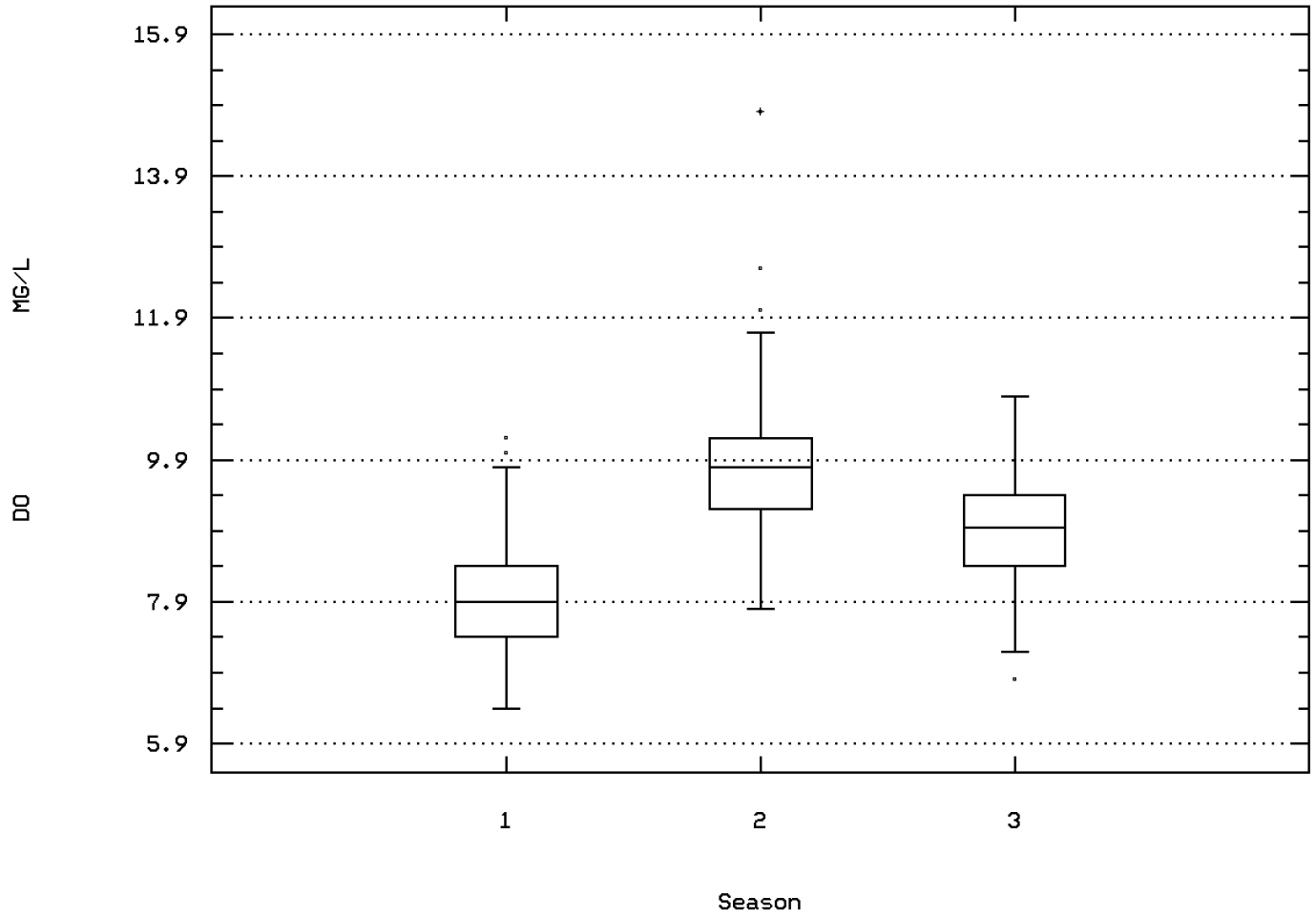
SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)



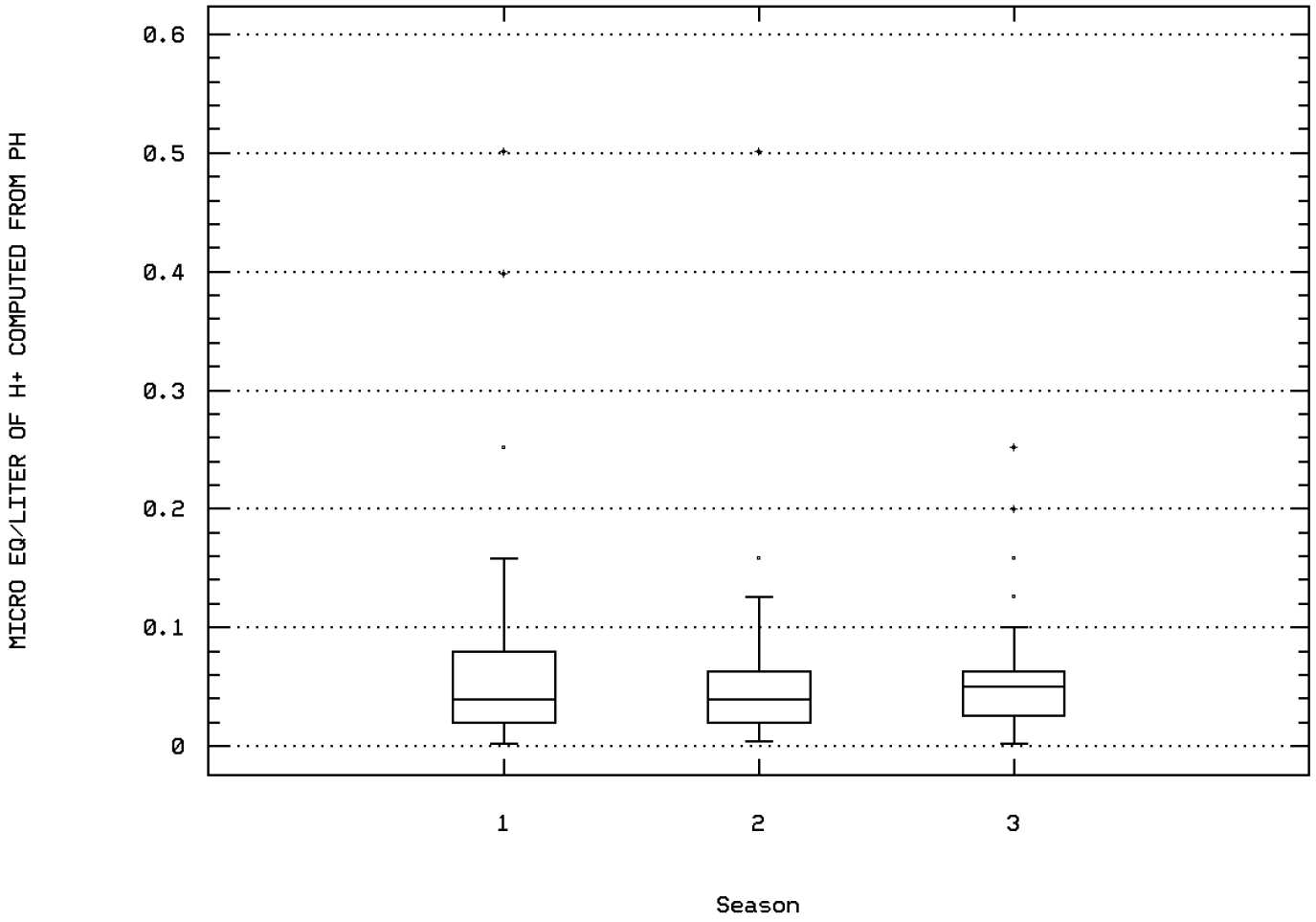
OLYMPUS TUNNEL AT LAKE ESTES, CO.

Station: ROMO0470 Parameter Code: 00300

OXYGEN, DISSOLVED



OLYMPUS TUNNEL AT LAKE ESTES, CO.



OLYMPUS TUNNEL AT LAKE ESTES, CO.

Station Inventory for Station: ROMO0471

NPS Station ID: ROMO0471 | LAT/LON: 40.375309/-105.520004 | Agency: 11NPSWRD | Date Created: 06/18/99
Location: 105796/C04276 | FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): ROMO_NURE_003 /1073982 /1118460
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 10190006 | Depth of Water: 0 | Aquifer:
Major Basin: MISSOURI RIVER | Elevation: 0 | Water Body Id:
Minor Basin: SOUTH PLATTE RIVER | ECO Region:
RF1 Index: 10190006 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE "ESTES PARK COLORADO" 7.5 MINUTE SERIES QUADRANGLE. THE SITE IS AT A STREAM OUTSIDE OF ROCKY MOUNTAIN NATIONAL PARK. EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO ONE WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATA BASE: "NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SOIL; STREAM SEDIMENT; SURFACE WATER; AND GROUND WATER DATA. "UNIQID" FIELD ENTRIES WERE USED TO CREATE THE SECONDARY STATION NAMES. THE "LASLID" FIELD ENTRIES (LAB SAMPLE NUMBERS) WERE USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LAB. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND KELLI O'CONNOR; NATIONAL PARK SERVICE WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0471

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/22/76-09/22/76	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/22/76-09/22/76	1	27.	27.	27.	27.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/22/76-09/22/76	1	5.8	5.8	5.8	5.8	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/22/76-09/22/76	1	5.8	5.8	5.8	5.8	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/22/76-09/22/76	1	1.585	1.585	1.585	1.585	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/22/76-09/22/76	1	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0471

				Total	Exceed	Prop.	----------6/10-10/31----------			----------11/01-4/10----------			----------4/11-6/09----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0472

NPS Station ID: ROMO0472
LAT/LON: 40.375559/-105.486948
Agency: 112WRD
Date Created: 01/07/89
Location: LAKE ESTES
FIPS State/County: 08013 COLORADO/BOULDER
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 402232105291300
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC:
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 14.10
On/Off RF1:
RF3 Index: 10190006041000.00
RF3 Mile Point: 0.68
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0472

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/05/87-11/10/87	28	3.5	15.429	36.	0.	258.476	16.077	0.	2.	34.	36.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/05/87-11/10/87	14	12.5	13.286	19.	6.5	12.647	3.556	7.75	11.15	16.125	18.7
00080	COLOR (PLATINUM-COBALT UNITS)	07/05/87-11/10/87	28	3.	3.643	8.	2.	3.646	1.909	2.	2.	5.	7.1
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/05/87-11/10/87	28	36.	34.929	45.	23.	58.291	7.635	23.9	29.	43.	43.2
00300	OXYGEN, DISSOLVED MG/L	07/05/87-11/10/87	14	6.8	6.086	8.9	2.2	4.098	2.024	2.3	4.575	7.375	8.55
00400	PH (STANDARD UNITS)	07/05/87-11/10/87	14	7.69	7.637	8.29	6.85	0.225	0.474	6.91	7.135	8.09	8.24
00400	CONVERTED PH (STANDARD UNITS)	07/05/87-11/10/87	14	7.689	7.399	8.29	6.85	0.286	0.535	6.91	7.135	8.09	8.24
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/05/87-11/10/87	14	0.02	0.04	0.141	0.005	0.002	0.044	0.006	0.008	0.074	0.124
00403	PH, LAB, STANDARD UNITS SU	07/05/87-11/10/87	28	7.85	7.807	8.4	7.3	0.106	0.325	7.39	7.5	8.	8.22
00403	CONVERTED PH, LAB, STANDARD UNITS	07/05/87-11/10/87	28	7.847	7.697	8.4	7.3	0.119	0.344	7.39	7.5	8.	8.22
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/05/87-11/10/87	28	0.014	0.02	0.05	0.004	0.	0.014	0.006	0.01	0.032	0.041
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	07/05/87-11/10/87	26	0.01	0.123	1.2	0.005	0.104	0.322	0.005	0.005	0.04	0.514
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/28/87-07/28/87	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/05/87-11/10/87	26 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/05/87-11/10/87	28	4.3	3.986	5.3	2.3	0.963	0.981	2.39	3.3	4.8	5.12
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/05/87-11/10/87	28	0.8	0.779	1.	0.4	0.04	0.201	0.49	0.6	1.	1.
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/05/87-11/10/87	28	1.55	1.621	2.3	1.2	0.122	0.349	1.2	1.4	1.8	2.3
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/05/87-11/10/87	28	0.485	0.488	0.65	0.36	0.009	0.096	0.36	0.41	0.57	0.632
00940	CHLORIDE,TOTAL IN WATER MG/L	07/05/87-11/10/87	28	0.4	0.407	0.7	0.3	0.017	0.13	0.3	0.3	0.4	0.7
00945	SULFATE, TOTAL (MG/L AS SO4)	07/05/87-11/10/87	28	2.	2.071	3.	2.	0.069	0.262	2.	2.	2.	2.1
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/05/87-11/10/87	28	0.135	0.14	0.16	0.12	0.	0.017	0.12	0.12	0.16	0.16
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/05/87-11/10/87	28	3.4	3.386	4.2	2.7	0.172	0.414	2.7	3.1	3.5	3.93
01046	IRON, DISSOLVED (UG/L AS FE)	07/05/87-11/10/87	28	101.5	97.571	160.	34.	1761.439	41.97	38.5	45.	130.	142.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/05/87-11/10/87	28	2.	6.643	21.	0.5	62.571	7.91	0.5	1.	17.	19.2
71870	BROMIDE (MG/L AS BR)	07/05/87-11/10/87	28 ##	0.005	0.008	0.02	0.005	0.	0.005	0.005	0.005	0.01	0.02

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0472

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	14	2	0.14	13	2	0.15	1	0	0.00						
00400	PH	Fresh Chronic	9.	14	0	0.00	13	0	0.00	1	0	0.00						
		Other-Lo Lim.	6.5	14	0	0.00	13	0	0.00	1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: ROMO0472

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	28	0	0.00	26	0	0.00	2	0	0.00						
		Other-Lo Lim.	6.5	28	0	0.00	26	0	0.00	2	0	0.00						
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	26	0	0.00	24	0	0.00	2	0	0.00						
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	2	0	0.00	2	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	28	0	0.00	26	0	0.00	2	0	0.00						
		Drinking Water	250.	28	0	0.00	26	0	0.00	2	0	0.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	28	0	0.00	26	0	0.00	2	0	0.00						
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	28	0	0.00	26	0	0.00	2	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0473

NPS Station ID: ROMO0473
LAT/LON: 40.375559/-105.880005
Agency: 112WRD
Date Created: 11/07/81
Location: JIMMY CREEK NEAR GRAND LAKE, CO.
FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 09010400
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14010001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14010001
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 14010001029000.00
RF3 Mile Point: 0.93
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0473

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/24/69-08/02/74	14	4.5	4.679	9.	1.5	4.677	2.163	1.75	3.	6.25	8.25

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: ROMO0474

NPS Station ID: ROMO0474 LAT/LON: 40.376392/-105.485003 Agency: 112WRD Date Created: / /
Location: BIG THOMPSON RIVER NEAR ESTES PARK, CO. FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 06735500
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 10190006 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 10190006011 RF1 Mile Point: 14.070 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 10190007109700.00 RF3 Mile Point: 8.96 Distance from RF3: 0.37 On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0474

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/09/72-09/15/83	87	7.	7.592	18.	0.5	24.567	4.957	2.	3.	12.	15.
00060	FLOW, STREAM, MEAN DAILY CFS	05/09/72-05/09/72	1	111.	111.	111.	111.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/09/72-05/09/72	1	47.	47.	47.	47.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	05/09/72-05/09/72	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/09/72-05/09/72	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/09/72-05/09/72	1	0.158	0.158	0.158	0.158	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/09/72-05/09/72	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	05/09/72-05/09/72	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	05/09/72-05/09/72	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	05/09/72-05/09/72	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	05/09/72-05/09/72	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	05/09/72-05/09/72	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	05/09/72-05/09/72	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	05/09/72-05/09/72	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	05/09/72-05/09/72	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	05/09/72-05/09/72	1	6.1	6.1	6.1	6.1	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	05/09/72-05/09/72	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	05/09/72-05/09/72	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	05/09/72-05/09/72	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	05/09/72-05/09/72	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	05/09/72-05/09/72	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/09/72-05/09/72	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	05/09/72-05/09/72	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	05/09/72-05/09/72	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	05/09/72-05/09/72	1	5.9	5.9	5.9	5.9	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	05/09/72-05/09/72	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	05/09/72-05/09/72	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	05/09/72-05/09/72	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	05/09/72-05/09/72	1	170.	170.	170.	170.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	05/09/72-05/09/72	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	05/09/72-05/09/72	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	05/09/72-05/09/72	1	7.	7.	7.	7.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	05/09/72-05/09/72	1	33.	33.	33.	33.	0.	0.	**	**	**	**
70302	SOLIDS, DISSOLVED-TONS PER DAY	05/09/72-05/09/72	1	9.89	9.89	9.89	9.89	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	05/09/72-05/09/72	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0474

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00							1	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00							1	0	0.00			
		Drinking Water	250.	1	0	0.00							1	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00							1	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00							1	0	0.00			
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00							1	0	0.00			
		Drinking Water	50.	1	0	0.00							1	0	0.00			
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00							1	0	0.00			
		Drinking Water	5.	1	0	0.00							1	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00							1	0	0.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00							1	0	0.00			
		Drinking Water	15.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1972 - Station ROMO0474

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/09/72-09/15/83	1	8.	8.	8.	8.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station ROMO0474

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/09/72-09/15/83	18	9.	9.389	15.	2.	19.075	4.368	2.	5.75	13.5	15.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station ROMO0474

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/09/72-09/15/83	4	9.75	9.5	16.	2.5	48.833	6.988	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station ROMO0474

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/09/72-09/15/83	18	7.5	7.25	14.	1.	15.949	3.994	1.9	3.375	11.	13.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station ROMO0474

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/09/72-09/15/83	20	7.5	8.075	18.	1.	32.744	5.722	1.55	2.625	13.5	16.9

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station ROMO0474

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/09/72-09/15/83	17	4.	6.235	17.	0.5	27.847	5.277	0.9	2.	9.5	16.2

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station ROMO0474

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/09/72-09/15/83	9	3.5	5.278	15.	2.	18.007	4.243	2.	2.75	7.5	15.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 6/10 to 10/31 - Station ROMO0474

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/09/72-09/15/83	34	13.	12.529	18.	5.	11.166	3.342	7.	10.75	15.	16.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 4/10 - Station ROMO0474

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/09/72-09/15/83	35	2.5	2.9	9.	0.5	2.835	1.684	1.	2.	3.5	5.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/11 to 6/09 - Station ROMO0474

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/09/72-09/15/83	18	8.	7.389	10.	4.	2.81	1.676	4.45	6.	8.625	9.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: ROMO0475

NPS Station ID: ROMO0475
LAT/LON: 40.376392/-105.525559
Agency: 112WRD
Date Created: 02/20/76
Location: FALL RIVER AT ESTES PARK, CO.
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 06732500
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 10190007003110.38
RF3 Mile Point: 10.48
Distance from RF3: 0.05
On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0475

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/18/75-10/18/75	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/18/75-10/18/75	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/18/75-10/18/75	1	79.	79.	79.	79.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/18/75-10/18/75	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/18/75-10/18/75	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/18/75-10/18/75	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/18/75-10/18/75	1	0.063	0.063	0.063	0.063	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	10/18/75-10/18/75	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/18/75-10/18/75	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/18/75-10/18/75	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/18/75-10/18/75	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10/18/75-10/18/75	1	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	10/18/75-10/18/75	1	55.	55.	55.	55.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	10/18/75-10/18/75	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/18/75-10/18/75	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	10/18/75-10/18/75	1	0.	0.	0.	0.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0475

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00	1	0	0.00									
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	1	0	0.00	1	0	0.00									
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									
71856	NITRITE NITROGEN, DISSOLVED (AS NO2)	Drinking Water	3.3	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0476

NPS Station ID: ROMO0476
LAT/LON: 40.376489/-105.484826
Agency: 1117S030
Date Created: / /
Location:
FIPS State/County: 08000 COLORADO/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 070301
RMI-Indexes: 1021500 009490 07090 1070 1540
Within Park Boundary: No
RMI-Miles: 1149.40 0595.20 309.00 260.40 057.70
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006011
RF1 Mile Point: 11.490
Distance from RF1: 16.00
On/Off RF1: ON
RF3 Index: 10190006002902.06
RF3 Mile Point: 2.64
Distance from RF3: 1.02
On/Off RF3:
Description:
LOCATION: BIG THOMPSON RIVER AT USGS GAGE BELOW LAKE ESTES. NEAR U.S. HWY 34. LARIMER COUNTY. SEC 29, T 5 N, R 72 W.
LATITUDE AND LONGITUDE COORDINATES FOR THIS STATION WERE CORRECTED BY THE NATIONAL PARK SERVICE WATER RESOURCES DIVISION FOR INCLUSION IN THIS BASELINE WATER QUALITY DATA INVENTORY AND ANALYSIS REPORT. THE AGENCY RESPONSIBLE FOR THE STATION WAS INFORMED OF THE NEED TO ALSO MAKE THE CORRECTIONS IN STORET.

Parameter Inventory for Station: ROMO0476

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/23/65-08/28/65	6	15.	14.667	15.	14.	0.267	0.516	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	08/23/65-08/28/65	6	101.5	100.333	105.	92.	27.867	5.279	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/23/65-08/28/65	8	22.5	22.75	26.	20.	3.929	1.982	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/23/65-08/28/65	6	8.2	8.283	8.6	8.1	0.034	0.183	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	08/23/65-08/28/65	6	2.25	2.267	2.7	2.	0.059	0.242	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	08/23/65-08/28/65	6	10.5	14.333	27.	6.	72.667	8.524	**	**	**	**
00400	PH (STANDARD UNITS)	08/23/65-08/28/65	6	7.1	7.133	7.4	7.	0.027	0.163	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/23/65-08/28/65	6	7.089	7.11	7.4	7.	0.027	0.165	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/23/65-08/28/65	6	0.082	0.078	0.1	0.04	0.001	0.026	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/23/65-08/28/65	6	10.5	10.333	11.	9.	0.667	0.816	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	08/23/65-08/28/65	5	42.	41.	70.	17.	521.	22.825	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/23/65-08/28/65	6	4.5	4.5	6.	2.	2.3	1.517	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	08/23/65-08/28/65	6	4.	3.833	6.	2.	2.567	1.602	**	**	**	**
00545	RESIDUE, SETTLEABLE (ML/L)	08/23/65-08/28/65	6	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/23/65-08/26/65	2	0.41	0.41	0.45	0.37	0.003	0.057	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/23/65-08/26/65	2	0.065	0.065	0.11	0.02	0.004	0.064	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	08/23/65-08/26/65	2	0.09	0.09	0.1	0.08	0.	0.014	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/23/65-08/26/65	2	0.105	0.105	0.15	0.06	0.004	0.064	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/23/65-08/26/65	2	22.5	22.5	32.	13.	180.5	13.435	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/23/65-08/26/65	2	1.	1.	1.	1.	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/23/65-08/28/65	6	1300.	1030.	1300.	490.	174960.	418.282	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/23/65-08/28/65	6	3.114	2.973	3.114	2.69	0.048	0.219	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			939.062								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/23/65-08/28/65	6	410.	383.333	490.	170.	17066.667	130.639	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/23/65-08/28/65	6	2.604	2.556	2.69	2.23	0.033	0.18	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			360.035								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/23/65-08/28/65	6	22.5	27.833	48.	13.	226.167	15.039	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/23/65-08/28/65	6	1.349	1.392	1.681	1.114	0.055	0.234	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			24.656								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: ROMO0476

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	08/23/65-08/28/65	4	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0476

				Total	Exceed	Prop.	6/10-10/31			11/01-4/10			4/11-6/09			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	6	0	0.00	6	0	0.00									
00400	PH	Fresh Chronic	9.	6	0	0.00	6	0	0.00									
		Other-Lo Lim.	6.5	6	0	0.00	6	0	0.00									
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00	2	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00	2	0	0.00									
		Drinking Water	250.	2	0	0.00	2	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	6	4	0.67	6	4	0.67									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	6	5	0.83	6	5	0.83									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0477

NPS Station ID: ROMO0477
LAT/LON: 40.378337/-105.513338
Agency: 112WRD
Date Created: / /
Location: BIG THOMPSON RIVER AT ESTES PARK, CO.
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 06733000
RMI-Indexes: 1021500 009490 07090 1070 1540
Within Park Boundary: No
RMI-Miles: 1149.40 0595.20 309.00 260.40 059.20
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 10190006011
RF1 Mile Point: 17.660
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 10190007000600.00
RF3 Mile Point: 0.00
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0477

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/13/58-09/15/83	137	2.5	4.449	19.	0.	21.571	4.644	0.	0.5	8.	12.
00060	FLOW, STREAM, MEAN DAILY CFS	11/16/73-09/12/74	4	50.5	106.5	312.	13.	19419.	139.352	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/04/52-05/08/75	29	495.	472.	1040.	11.	87668.071	296.088	27.	245.5	701.5	866.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	11/16/73-05/08/75	6 ##	25.	30.833	60.	25.	204.167	14.289	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	11/16/73-05/08/75	6	9.8	9.583	10.	8.3	0.418	0.646	**	**	**	**
00400	PH (STANDARD UNITS)	11/16/73-05/08/75	6	7.2	7.217	7.6	6.9	0.07	0.264	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	11/16/73-05/08/75	6	7.189	7.155	7.6	6.9	0.074	0.273	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	11/16/73-05/08/75	6	0.065	0.07	0.126	0.025	0.001	0.039	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	11/16/73-05/08/75	6	0.37	0.44	0.76	0.31	0.029	0.17	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	11/16/73-05/08/75	6	0.24	0.25	0.41	0.1	0.011	0.103	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/16/73-05/08/75	6	0.04	0.049	0.12	0.005	0.002	0.041	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/16/73-05/08/75	6	0.295	0.298	0.43	0.17	0.01	0.098	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/16/73-05/08/75	6	0.08	0.142	0.39	0.03	0.018	0.134	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/16/73-05/08/75	6	0.03	0.047	0.14	0.01	0.002	0.048	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	11/16/73-05/08/75	6	2.5	2.833	5.	1.	2.167	1.472	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	11/16/73-05/08/75	6 ##	0.	0.333	1.	0.	0.267	0.516	**	**	**	**
71887	NITROGEN, TOTAL, AS NO3 - MG/L	11/16/73-05/08/75	6	1.6	1.95	3.4	1.4	0.583	0.764	**	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	11/16/73-01/14/75	5 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	10/04/52-08/11/53	27	14.	24.	98.	1.	694.462	26.353	2.8	6.	42.	63.2
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	10/04/52-08/11/53	27	18.	41.848	197.	0.1	2752.758	52.467	0.36	5.5	75.	126.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0477

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	6	0	0.00	1	0	0.00	3	0	0.00	2	0	0.00			
00400	PH	Fresh Chronic	9.	6	0	0.00	1	0	0.00	3	0	0.00	2	0	0.00			
		Other-Lo Lim.	6.5	6	0	0.00	1	0	0.00	3	0	0.00	2	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	6	0	0.00	1	0	0.00	3	0	0.00	2	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	6	0	0.00	1	0	0.00	3	0	0.00	2	0	0.00			
		Drinking Water	15.	6	0	0.00	1	0	0.00	3	0	0.00	2	0	0.00			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	6	0	0.00	1	0	0.00	3	0	0.00	2	0	0.00			
		Drinking Water	100.	6	0	0.00	1	0	0.00	3	0	0.00	2	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: ROMO0477

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
71890 MERCURY, DISSOLVED	Fresh Acute	2.4	5	0	0.00	1	0	0.00	3	0	0.00	1	0	0.00			
	Drinking Water	2.	5	0	0.00	1	0	0.00	3	0	0.00	1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1958 - Station ROMO0477

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/13/58-09/15/83	1	0.	0.	0.	0.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1973 - Station ROMO0477

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/13/58-09/15/83	1	0.	0.	0.	0.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station ROMO0477

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/13/58-09/15/83	3	5.	4.667	9.	0.	20.333	4.509	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station ROMO0477

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/13/58-09/15/83	2	2.	2.	4.	0.	8.	2.828	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station ROMO0477

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/13/58-09/15/83	26	6.	6.596	14.	0.5	17.36	4.167	1.	2.75	10.	13.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station ROMO0477

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/13/58-09/15/83	14	1.	2.107	12.	0.5	9.468	3.077	0.5	0.5	2.	8.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station ROMO0477

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/13/58-09/15/83	23	3.	3.957	13.	0.	17.225	4.15	0.	0.5	8.	10.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station ROMO0477

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/13/58-09/15/83	29	3.	5.138	19.	0.	32.373	5.69	0.	0.	9.75	13.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station ROMO0477

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/13/58-09/15/83	25	1.	4.34	16.	0.	24.057	4.905	0.5	0.5	9.	12.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station ROMO0477

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/13/58-09/15/83	13	1.5	3.231	13.	0.5	14.817	3.849	0.5	0.5	4.5	11.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 6/10 to 10/31 - Station ROMO0477

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/13/58-09/15/83	40	9.5	9.637	19.	1.	13.41	3.662	5.	8.	12.75	13.9

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 4/10 - Station ROMO0477

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/13/58-09/15/83	79	0.5	1.31	13.	0.	4.201	2.05	0.	0.	1.5	3.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/11 to 6/09 - Station ROMO0477

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/13/58-09/15/83	18	6.5	6.694	11.	0.	8.063	2.84	2.7	4.75	9.	10.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: ROMO0478

NPS Station ID: ROMO0478 | LAT/LON: 40.378503/-105.513366 | Agency: 11NPSWRD | Date Created: 07/03/99
Location: BIG THOMPSON RIVER ABOVE LAKE ESTES | FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): ROMO_NJ_BTR7
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 10190006 | Depth of Water: 0 | Aquifer:
Major Basin: MISSOURI RIVER | Elevation: 0 | Water Body Id:
Minor Basin: SOUTH PLATTE RIVER | ECO Region:
RF1 Index: 10190006 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE ESTES PARK CO. 7.5' (TOPOGRAPHICAL) SERIES QUADRANGLE. THE SITE IS AT THE BIG THOMPSON RIVER ABOVE LAKE ESTES AND IS LOCATED OUTSIDE OF ROCKY MOUNTAIN NATIONAL PARK. THE DATA WERE COLLECTED BY NANCY JACOBSON TO CONTINUE THE BASELINE WATER QUALITY MONITORING PROGRAMS FOR THE BIG THOMPSON AND FALL RIVERS; AND TO ASSESS PRESENT HUMAN IMPACTS TO BIOLOGICAL PARAMETERS OF WATER QUALITY IN BOULDER BROOK. ONLY TEMPERATURE AND BACTERIOLOGICAL RESULTS WERE AVAILABLE AT THE TIME OF REPORT WRITING. FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0478

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70975	TEMPERATURE, WATER,DAILY MINIMUM DEG C	05/01/82-08/20/82	112	41.	40.67	60.	14.	66.457	8.152	31.	34.	45.75	50.7
70976	TEMPERATURE, WATER,DAILY MAXIMUM DEG C	05/01/82-08/20/82	112	71.	69.75	89.	38.	114.405	10.696	56.	64.	78.	82.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: ROMO0479

NPS Station ID: ROMO0479 | LAT/LON: 40.379170/-105.504170 | Agency: 1117S030 | Date Created: / /
Location: | | FIPS State/County: 08000 COLORADO/
Station Type: /TYPA/MUN/TREATD/OUTFL/STREAM | | STORET Station ID(s): 070746
RMI-Indexes: 1021500 009490 07090 1070 1540 | | Within Park Boundary: No
RMI-Miles: 1149.40 0595.20 309.00 260.40 058.60
HUC: 10190006 | Depth of Water: 0 | Aquifer:
Major Basin: MISSOURI RIVER | Elevation: 0 | Water Body Id:
Minor Basin: SOUTH PLATTE RIVER | | ECO Region:
RF1 Index: 10190006011 | RF1 Mile Point: 15.200 | Distance from RF1: 0.00 | On/Off RF1: ON
RF3 Index: 10190006001203.97 | RF3 Mile Point: 4.36 | Distance from RF3: 0.10 | On/Off RF3:
Description:
ESTES PARK RECLAMATION SUBDIVISION SANITATION DISTRICT STP OUTFALL PLANT DATA (FROM SOUTH PLATTE RIVER BASIN PROJECT STUDY JUL 1966):
TYPE TREATMENT: SECONDARY (TRICKLING FILTER) POPULATION SERVED: 200
AVERAGE FLOW: 0.016 MGD PLANT CAPACITY: 0.24 MGD
CHLORINATION FACILITIES: YES LOCATION: OUTFALL DISCHARGES TO LAKE ESTES. PLANT IS LOCATED ON SOUTH
SIDE OF LAKE AND EAST OF POWER PLANT.

Parameter Inventory for Station: ROMO0479

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/14/66-08/24/66	3	15.	15.	17.	13.	4.	2.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/14/66-08/24/66	4	281.	278.5	304.	248.	531.667	23.058	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	07/14/66-08/24/66	4	64.	58.	64.	40.	144.	12.	**	**	**	**
00400	PH (STANDARD UNITS)	07/14/66-08/24/66	4	7.15	7.175	7.6	6.8	0.109	0.33	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/14/66-08/24/66	4	7.147	7.089	7.6	6.8	0.119	0.345	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/14/66-08/24/66	4	0.071	0.082	0.158	0.025	0.003	0.056	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/14/66-08/24/66	4	24.	33.5	66.	20.	475.667	21.81	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/14/66-08/24/66	4	19.	21.25	32.	15.	55.583	7.455	**	**	**	**
00545	RESIDUE, SETTLEABLE (ML/L)	07/14/66-08/24/66	4	0.25	0.263	0.5	0.05	0.036	0.189	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/14/66-08/24/66	4	240000.	250750.	490000.	33000.	38228916666.667	195522.164	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	07/14/66-08/24/66	4	5.361	5.233	5.69	4.519	0.262	0.512	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			170855.97								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/19/66-08/24/66	3	79000.	63666.667	79000.	33000.	705333333.333	26558.112	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/19/66-08/24/66	3	4.898	4.771	4.898	4.519	0.048	0.219	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			59054.914								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	07/14/66-07/14/66	1	11000.	11000.	11000.	11000.	0.	0.	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	07/14/66-07/14/66	1	4.041	4.041	4.041	4.041	0.	0.	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			11000.								
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	07/14/66-08/23/66	3	1.	1.133	1.4	1.	0.053	0.231	**	**	**	**
50050	FLOW, IN CONDUIT OR THRU A TREATMENT PLANT MGD	07/14/66-08/24/66	4	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
50084	BOD, PLANT EFFLUENT, 5 DAY, 20 DEG C MG/L	07/19/66-08/24/66	3	20.	19.	22.	15.	13.	3.606	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0479

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	4	0	0.00	4	0	0.00									
		Other-Lo Lim.	6.5	4	0	0.00	4	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	4	4	1.00	4	4	1.00									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	3	3	1.00	3	3	1.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0480

NPS Station ID: ROMO0480 | LAT/LON: 40.379170/-105.512505 | Agency: 1117S030 | Date Created: / /
Location: | | FIPS State/County: 08000 COLORADO/
Station Type: /TYPA/AMBNT/STREAM | | STORET Station ID(s): 070302
RMI-Indexes: 1021500 009490 07090 1070 1540 | | Within Park Boundary: No
RMI-Miles: 1149.40 0595.20 309.00 260.40 059.20
HUC: 10190006 | Depth of Water: 0 | Aquifer:
Major Basin: MISSOURI RIVER | Elevation: 0 | Water Body Id:
Minor Basin: SOUTH PLATTE RIVER | | ECO Region:
RF1 Index: 10190006011 | RF1 Mile Point: 17.560 | Distance from RF1: 0.00 | On/Off RF1: ON
RF3 Index: 10190006001109.82 | RF3 Mile Point: 17.79 | Distance from RF3: 0.66 | On/Off RF3:
Description:
LOCATION: BIG THOMPSON RIVER AT USGS GAGE ABOVE LAKE ESTES. 0.1 MILE EAST OF U.S. HWY 34 AND COLO. HWY 7 JUNCTION. ESTES PARK, LARIMER COUNTY
SEC 30, T 5 N, R 72 W.

Parameter Inventory for Station: ROMO0480

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/23/65-08/28/65	6	12.25	12.333	15.	9.5	5.567	2.359	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	08/23/65-08/28/65	6	177.5	183.5	224.	145.	1081.9	32.892	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/23/65-08/28/65	8	23.	23.	25.	22.	1.143	1.069	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/23/65-08/28/65	6	8.4	8.217	8.5	7.7	0.11	0.331	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	08/23/65-08/28/65	6	1.5	1.5	1.9	1.	0.112	0.335	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	08/23/65-08/28/65	6	8.	12.667	26.	4.	103.067	10.152	**	**	**	**
00400	PH (STANDARD UNITS)	08/23/65-08/28/65	6	7.05	7.083	7.2	7.	0.01	0.098	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/23/65-08/28/65	6	7.047	7.074	7.2	7.	0.01	0.099	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/23/65-08/28/65	6	0.09	0.084	0.1	0.063	0.	0.018	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/23/65-08/28/65	6	9.	9.333	12.	8.	2.267	1.506	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	08/23/65-08/28/65	6	30.5	34.833	62.	21.	239.767	15.484	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/23/65-08/28/65	6	4.5	5.167	9.	1.	8.567	2.927	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	08/23/65-08/28/65	6	4.	4.167	9.	1.	7.767	2.787	**	**	**	**
00545	RESIDUE, SETTLEABLE (ML/L)	08/23/65-08/28/65	6	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/23/65-08/26/65	2	0.395	0.395	0.47	0.32	0.011	0.106	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/23/65-08/26/65	2	0.16	0.16	0.2	0.12	0.003	0.057	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	08/23/65-08/26/65	2	0.095	0.095	0.14	0.05	0.004	0.064	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/23/65-08/26/65	2	0.115	0.115	0.18	0.05	0.008	0.092	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/23/65-08/26/65	2	11.	11.	11.	11.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/23/65-08/26/65	2	1.	1.	1.	1.	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/23/65-08/28/65	6	7600.	8881.667	23000.	790.	80170016.667	8953.771	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/23/65-08/28/65	6	3.728	3.657	4.362	2.898	0.377	0.614	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			4542.218								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/23/65-08/28/65	6	2845.	3220.	7900.	130.	9870120.	3141.675	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/23/65-08/28/65	6	3.294	3.189	3.898	2.114	0.473	0.688	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1545.662								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/23/65-08/28/65	5	580.	522.	1000.	200.	104920.	323.914	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	08/23/65-08/28/65	5	2.763	2.643	3.	2.301	0.086	0.293	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			439.647								
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	08/23/65-08/28/65	4	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0480

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	6	0	0.00	6	0	0.00									
00400	PH	Fresh Chronic	9.	6	0	0.00	6	0	0.00									
		Other-Lo Lim.	6.5	6	0	0.00	6	0	0.00									
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	2	0	0.00	2	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00	2	0	0.00									
		Drinking Water	250.	2	0	0.00	2	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	6	5	0.83	6	5	0.83									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	6	5	0.83	6	5	0.83									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0481

NPS Station ID: ROMO0481 | LAT/LON: 40.379299/-105.511650 | Agency: 1117S030 | Date Created: / /
Location: ESTES PARK STP OUTFALL | FIPS State/County: 08000 COLORADO/
Station Type: /TYPA/MUN/TREATD/OUTFL/STREAM | STORET Station ID(s): 070615
RMI-Indexes: 1021500 009490 07090 1070 1540 | Within Park Boundary: No
RMI-Miles: 1149.40 0595.20 309.00 260.40 059.10
HUC: 10190006 | Depth of Water: 0 | Aquifer:
Major Basin: MISSOURI RIVER | Elevation: 0 | Water Body Id:
Minor Basin: SOUTH PLATTE RIVER | ECO Region:
RF1 Index: 10190006011 | RF1 Mile Point: 17.560 | Distance from RF1: 0.00 | On/Off RF1: ON
RF3 Index: 10190006021200.00 | RF3 Mile Point: 3.46 | Distance from RF3: 0.06 | On/Off RF3:
Description:
ESTES PARK SANITATION DISTRICT SEWAGE TREATMENT PLANT OUTFALL PLANT DATA (FROM SOUTH PLATTE RIVER BASIN PROJECT STUDY MAR 1966):
TYPE TREATMENT: SECONDARY (ACTIVATED SLUDGE) POPULATION SERVED: 2,000 WINTER-15,000 SUMMER
AVERAGE FLOW: 0.9 MGD (SUMMER) PLANT CAPACITY: 1.5 MGD
CHLORINATION FACILITIES: YES LOCATION: OUTFALL DISCHARGES TO THE BIG THOMPSON RIVER ADJACENT TO PLANT
WHICH IS LOCATED 0.25 MILE EAST OF JUNCTION OF U.S. 34 AND COLO. 66. LATITUDE AND LONGITUDE COORDINATES FOR THIS STATION WERE CORRECTED BY
THE NATIONAL PARK SERVICE WATER RESOURCES DIVISION FOR INCLUSION IN THIS BASELINE WATER QUALITY DATA INVENTORY AND ANALYSIS REPORT. THE AGENCY
RESPONSIBLE FOR THE STATION WAS INFORMED OF THE NEED TO ALSO MAKE THE CORRECTIONS IN STORET.

Parameter Inventory for Station: ROMO0481

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	03/08/66-08/25/66	21	20.	13.476	22.	3.	68.862	8.298	3.	3.	20.	20.8
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/08/66-08/25/66	26	274.	230.769	466.	108.	11262.665	106.126	111.7	126.75	319.5	341.8
00310	BOD, 5 DAY, 20 DEG C MG/L	08/24/66-08/24/66	1	30.	30.	30.	30.	0.	0.	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	03/08/66-08/25/66	25	102.	132.88	583.	28.	15916.86	126.162	35.2	45.	155.	319.4
00400	PH (STANDARD UNITS)	03/08/66-08/25/66	26	7.1	7.065	7.3	6.8	0.032	0.179	6.8	6.9	7.2	7.3
00400	CONVERTED PH (STANDARD UNITS)	03/08/66-08/25/66	26	7.1	7.029	7.3	6.8	0.033	0.183	6.8	6.9	7.2	7.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/08/66-08/25/66	26	0.079	0.094	0.158	0.05	0.002	0.04	0.05	0.063	0.126	0.158
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/08/66-08/25/66	26	41.	59.885	200.	14.	2731.626	52.265	16.7	19.75	82.25	159.2
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	03/08/66-08/25/66	26	37.5	53.385	198.	12.	2482.966	49.829	14.	18.25	69.25	153.2
00545	RESIDUE, SETTLEABLE (ML/L)	03/08/66-08/25/66	26 ##	0.175	2.148	16.	0.05	14.655	3.828	0.05	0.05	3.25	7.9
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	03/08/66-08/25/66	21	7900.	2190367.714	33000000.	22.**********	**********	7182310.666	1220.	2300.	1045000.	4620000.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	03/08/66-08/25/66	21	3.898	4.434	7.519	1.342	2.415	1.554	3.079	3.362	6.006	6.661
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			27185.791								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/08/66-08/25/66	20	1350.	106272.35	1700000.	5.144	527914914.24	380168.272	8.5	48.5	3300.	224000.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	03/08/66-08/25/66	20	3.13	2.961	6.23	0.699	2.231	1.494	0.924	1.633	3.519	5.349
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			913.709								
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	03/09/66-08/24/66	5	0.8	0.84	1.2	0.6	0.048	0.219	**	**	**	**
50050	FLOW, IN CONDUIT OR THRU A TREATMENT PLANT MGD	03/08/66-08/25/66	26	0.46	0.46	0.46	0.46	0.	0.	0.46	0.46	0.46	0.46
50080	BOD, PLANT INFLUENT, 5 DAY, 20 DEG C MG/L	03/08/66-08/25/66	18	80.	120.056	275.	35.	5967.938	77.252	53.	62.25	200.	252.5
50084	BOD, PLANT EFFLUENT, 5 DAY, 20 DEG C MG/L	03/08/66-08/25/66	21	4.5	32.114	220.	2.25	3942.893	62.792	2.25	2.25	21.	176.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0481

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	26	0	0.00	14	0	0.00	12	0	0.00						
		Other-Lo Lim.	6.5	26	0	0.00	14	0	0.00	12	0	0.00						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	21	20	0.95	12	12	1.00	9	8	0.89						
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	20	13	0.65	12	6	0.50	8	7	0.88						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0482

NPS Station ID: ROMO0482 | LAT/LON: 40.380310/-105.848615 | Agency: 11NPSWRD | Date Created: 06/18/99
Location: 106073/C04504 | FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): ROMO_NURE_210 /1074157 /1118635
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14010001 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: UPPER COLORADO RIVER | ECO Region:
RF1 Index: 14010001 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE FALL RIVER PASS CO 7.5' SERIES (TOPO.) QUAD. THE SITE IS AT A STREAM WITHIN ROCKY MOUNTAIN NATIONAL PARK (ROMO). EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN ONE WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE U.S. GEOLOGICAL SURVEY "NATIONAL GEOCHEMICAL DATA BASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND KIM BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. "UNIQID" ENTRIES WERE USED TO CREATE THE SECONDARY STATION NAMES. "LASLID" ENTRIES WERE USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LABORATORY. FOR MORE INFORMATION ABOUT THE PARK CONTACT NATURAL RESOURCES AT ROMO; ESTES PARK; CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AT NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS; CO 80525 (TEL. 970-225-3556).

Parameter Inventory for Station: ROMO0482

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/23/76-09/23/76	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/23/76-09/23/76	1	75.	75.	75.	75.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/23/76-09/23/76	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/23/76-09/23/76	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/23/76-09/23/76	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/23/76-09/23/76	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0482

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0483

NPS Station ID: ROMO0483 | LAT/LON: 40.380479/-105.472297 | Agency: 21COL001 | Date Created: / /
Location: BIG THOMPSON RIVER BELOW ESTES PARK | FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): 000125
RMI-Indexes: 1021500 009490 07090 1070 1540 | Within Park Boundary: No
RMI-Miles: 1149.40 0595.20 309.00 260.40 055.00
HUC: 10190006 | Depth of Water: 0 | Aquifer:
Major Basin: MISSOURI RIVER | Elevation: 0 | Water Body Id:
Minor Basin: SOUTH PLATTE | ECO Region:
RF1 Index: 10190006011 | RF1 Mile Point: 13.220 | Distance from RF1: 0.00 | On/Off RF1: ON
RF3 Index: 10190006026600.00 | RF3 Mile Point: 0.44 | Distance from RF3: 0.04 | On/Off RF3:
Description:
BIG THOMPSON RIVER AT US HWY 34 BRIDGE, ABOUT 1.5 MILES DOWNSTREAM OF USGS STATION #06735500 AND APPROXIMATELY 10.5 MILES ABOVE DRAKE, LARIMER COUNTY. ELEVATION 7422 FEET. T.5-N, R.72-W, S.21 STATE OF COLORADO DEPARTMENT OF HEALTH STATION NO. RPS-125
LATITUDE AND LONGITUDE COORDINATES FOR THIS STATION WERE CORRECTED BY THE NATIONAL PARK SERVICE WATER RESOURCES DIVISION FOR INCLUSION IN THIS BASELINE WATER QUALITY DATA INVENTORY AND ANALYSIS REPORT. THE AGENCY RESPONSIBLE FOR THE STATION WAS INFORMED OF THE NEED TO ALSO MAKE THE CORRECTIONS IN STORET.

Parameter Inventory for Station: ROMO0483

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	12/17/71-04/02/92	106	46.	47.471	67.	32.	110.	10.488	33.56	38.6	55.8	63.3
00021	TEMPERATURE, AIR (DEGREES FAHRENHEIT)	01/24/79-04/02/92	71	48.	49.279	89.	5.	307.116	17.525	28.2	39.	64.	70.
00057	FLOW, INDICATES IT HAS BEEN CHECKED	12/17/71-09/11/87	85	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00060	FLOW, STREAM, MEAN DAILY CFS	12/17/71-09/11/87	85	34.	74.765	882.	0.	18286.611	135.228	10.	14.	75.	134.8
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	01/26/72-06/04/80	34	3.9	6.671	70.	1.4	134.703	11.606	1.95	2.6	6.225	10.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/17/71-04/02/92	97	60.	63.526	250.	5.	1343.419	36.653	30.	44.	70.	86.4
00300	OXYGEN, DISSOLVED MG/L	10/12/73-04/02/92	98	9.95	9.891	14.5	4.	2.951	1.718	7.69	8.875	10.825	12.2
00310	BOD, 5 DAY, 20 DEG C MG/L	12/17/71-01/25/89	63	2.	1.77	6.	0.5	1.549	1.245	0.5	1.	2.	3.6
00400	PH (STANDARD UNITS)	12/17/71-04/02/92	101	7.6	7.598	9.3	6.3	0.415	0.644	6.8	7.1	8.	8.4
00400	CONVERTED PH (STANDARD UNITS)	12/17/71-04/02/92	101	7.6	7.201	9.3	6.3	0.574	0.758	6.8	7.1	8.	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/17/71-04/02/92	101	0.025	0.063	0.501	0.001	0.008	0.09	0.004	0.01	0.079	0.158
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/13/78-04/02/92	70	20.	24.534	120.	0.4	344.029	18.548	10.	12.	30.	39.8
00500	RESIDUE, TOTAL (MG/L)	04/09/74-09/05/75	7	50.	51.	65.	43.	50.333	7.095	**	**	**	**
00505	RESIDUE, TOTAL VOLATILE (MG/L)	12/17/71-10/12/73	4	9.	17.	48.	2.	438.	20.928	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/17/71-04/02/92	102 ##	5.	10.578	260.	0.	697.177	26.404	5.	5.	10.	16.1
00545	RESIDUE, SETTLEABLE (ML/L)	12/17/71-11/15/72	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/17/71-04/02/92	104 ##	0.05	0.162	2.2	0.	0.092	0.304	0.025	0.05	0.158	0.31
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	12/17/71-05/11/79	29	0.004	0.018	0.3	0.	0.003	0.056	0.	0.	0.009	0.06
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/17/71-05/11/79	31	0.23	0.477	3.5	0.	0.518	0.719	0.	0.1	0.4	1.48
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/27/76-04/02/92	74 ##	0.5	0.581	3.5	0.5	0.188	0.434	0.5	0.5	0.5	0.5
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/10/79-04/02/92	74 ##	0.25	0.325	1.5	0.13	0.052	0.228	0.25	0.25	0.25	0.575
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	12/17/71-10/12/73	7	0.1	0.136	0.2	0.1	0.002	0.048	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/09/74-04/02/92	90	0.1	0.16	1.5	0.	0.046	0.214	0.025	0.058	0.193	0.326
00723	CYANIDE, DISSOLVED STD METHOD (UG/L)	12/17/71-05/19/83	49 ##	0.003	0.003	0.01	0.	0.	0.003	0.	0.	0.005	0.005
00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/17/71-04/02/92	85	28.	29.741	76.	2.	217.432	14.746	14.	20.	36.	48.4
00910	CALCIUM (MG/L AS CACO3)	12/17/71-12/10/80	35	23.	23.514	47.	6.	74.845	8.651	13.2	16.	31.	36.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: ROMO0483

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00927	MAGNESIUM, TOTAL (MG/L AS MG)	12/17/71-12/10/80	34	4.	4.206	10.	0.	7.562	2.75	1.	2.	6.25	9.
00929	SODIUM, TOTAL (MG/L AS NA)	12/17/71-06/04/80	34	2.5	4.103	15.	1.	12.36	3.516	1.	2.	5.	10.
00931	SODIUM ADSORPTION RATIO	12/17/71-06/04/80	34	0.3	0.318	1.	0.	0.053	0.23	0.1	0.1	0.425	0.6
00937	POTASSIUM, TOTAL MG/L AS K)	06/13/78-05/19/83	9	1.	1.811	10.	0.	9.594	3.097	0.	0.5	1.25	10.
00940	CHLORIDE,TOTAL IN WATER MG/L	12/17/71-06/04/80	34	4.5	4.956	12.	1.5	6.248	2.5	2.	3.	6.25	8.5
00945	SULFATE, TOTAL (MG/L AS SO4)	12/17/71-04/02/92	101	5.	5.866	40.	1.	28.224	5.313	2.5	2.5	7.	10.
00951	FLUORIDE, TOTAL (MG/L AS F)	12/17/71-07/11/77	21	0.2	0.256	0.5	0.1	0.014	0.117	0.1	0.2	0.3	0.48
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	12/17/71-06/22/88	82	200.	324.146	4600.	0.	382859.139	618.756	50.	110.	300.	527.
00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE UG/L	05/11/79-11/23/81	6 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	12/17/71-05/19/83	31	0.	1.097	5.	0.	3.624	1.904	0.	0.	2.5	5.
01022	BORON, TOTAL (UG/L AS B)	12/17/71-11/23/81	29	30.	34.828	130.	0.	1368.719	36.996	0.	0.	55.	100.
01025	CADMIUM, DISSOLVED (UG/L AS CD)	08/04/88-04/02/92	21 ##	0.15	0.15	0.15	0.15	0.	0.	0.15	0.15	0.15	0.15
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	12/17/71-12/23/76	15	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
01040	COPPER, DISSOLVED (UG/L AS CU)	08/04/88-04/02/92	21 ##	2.5	2.357	4.	2.	0.204	0.451	2.	2.	2.5	2.5
01045	IRON, TOTAL (UG/L AS FE)	05/19/83-05/19/83	1	560.	560.	560.	560.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/04/88-04/02/92	21	56.	88.19	500.	42.	9376.362	96.832	50.	50.	86.5	116.
01049	LEAD, DISSOLVED (UG/L AS PB)	08/04/88-04/02/92	21 ##	2.5	2.5	2.5	2.5	0.	0.	2.5	2.5	2.5	2.5
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/04/88-04/02/92	21	25.	21.143	80.	5.	250.129	15.815	5.2	8.5	25.	25.
01074	NICKEL,TOTAL RECOVERABLE IN WATER AS NI UG/L	06/13/78-11/23/81	8 ##	25.	28.131	50.	0.	434.866	20.853	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	08/04/88-04/02/92	19 ##	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	03/14/72-06/22/88	44 ##	0.1	0.67	25.	0.	14.099	3.755	0.	0.1	0.1	0.1
01090	ZINC, DISSOLVED (UG/L AS ZN)	08/04/88-04/02/92	21 ##	5.	6.048	20.	4.	16.148	4.018	4.	4.	5.	12.8
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	12/17/71-06/22/88	80 ##	5.	14.338	300.	0.	1511.695	38.881	0.	5.	10.	29.
01104	ALUMINUM,TOTAL RECOVERABLE IN WATER AS AL UG/L	06/13/78-11/23/81	8 ##	500.	506.413	1000.	0.5	128695.99	358.742	**	**	**	**
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	12/17/71-06/22/88	80 ##	0.15	0.116	0.8	0.	0.011	0.106	0.	0.	0.15	0.15
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	12/17/71-06/22/88	80 ##	2.5	2.463	20.	0.	7.094	2.663	0.	0.	2.5	4.5
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS CR UG/L	01/24/77-11/01/77	6	0.	0.	0.	0.	0.	0.	**	**	**	**
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	12/17/71-06/22/88	75 ##	2.5	4.46	100.	0.	140.951	11.872	0.	2.5	2.5	7.4
01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	12/17/71-06/22/88	81 ##	25.	21.481	120.	0.	323.403	17.983	0.	0.	25.	25.
01129	MOLYBDENUM,TOTAL RECOVERABLE IN WATER AS MB UG/L	12/17/71-07/11/77	20	0.	0.25	5.	0.	1.25	1.118	0.	0.	0.	0.
01147	SELENIUM, TOTAL (UG/L AS SE)	12/17/71-11/23/81	23	0.	0.609	2.5	0.	0.772	0.878	0.	0.	1.	2.3
01503	ALPHA, DISSOLVED	11/18/74-03/10/75	2	9.5	9.5	10.	9.	0.5	0.707	**	**	**	**
01504	ALPHA, DISSOLVED, COUNTING ERROR	11/18/74-03/10/75	2	5.	5.	5.	5.	0.	0.	**	**	**	**
03503	BETA, DISSOLVED	05/24/77-09/08/77	3	7.	8.	10.	7.	3.	1.732	**	**	**	**
03504	BETA, DISSOLVED, COUNTING ERROR	04/25/72-09/08/77	4	9.	9.75	13.	8.	4.917	2.217	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	05/11/79-05/19/83	6	2.	1.917	3.	1.	0.642	0.801	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	12/17/71-06/13/78	26	38.	5798.346	93000.	4.	396831208.315	19920.623	5.	15.	795.	16810.
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	12/17/71-06/13/78	26	1.58	2.064	4.968	0.602	1.425	1.194	0.699	1.176	2.898	3.942
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			115.761								
31615p	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/17/71-04/02/92	105	23.	304.481	9300.	1.	1479952.73	1216.533	1.5	4.	59.	430.
31615p	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/17/71-04/02/92	105	1.362	1.283	3.968	0.	0.912	0.955	0.176	0.602	1.754	2.633
31615p	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			19.174								
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	12/17/71-09/08/77	22	0.	0.007	0.15	0.	0.001	0.032	0.	0.	0.	0.
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	12/17/71-04/02/92	104	39.5	41.587	150.	10.	434.128	20.836	18.	30.	48.	60.
71900	MERCURY, TOTAL (UG/L AS HG)	05/11/79-05/19/83	8 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0483

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	34	1	0.03	9	0	0.00	17	1	0.06	8	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	98	1	0.01	35	1	0.03	48	0	0.00	15	0	0.00			
00400	PH	Fresh Chronic	9.	101	3	0.03	34	0	0.00	50	2	0.04	17	1	0.06			
		Other-Lo Lim.	6.5	101	3	0.03	34	1	0.03	50	1	0.02	17	1	0.06			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	29	0	0.00	9	0	0.00	14	0	0.00	6	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	31	0	0.00	9	0	0.00	16	0	0.00	6	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	74	0	0.00	28	0	0.00	35	0	0.00	11	0	0.00			
00723	CYANIDE, DISSOLVED STD METHOD	Fresh Acute	22.	49	0	0.00	14	0	0.00	25	0	0.00	10	0	0.00			
		Drinking Water	200.	49	0	0.00	14	0	0.00	25	0	0.00	10	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

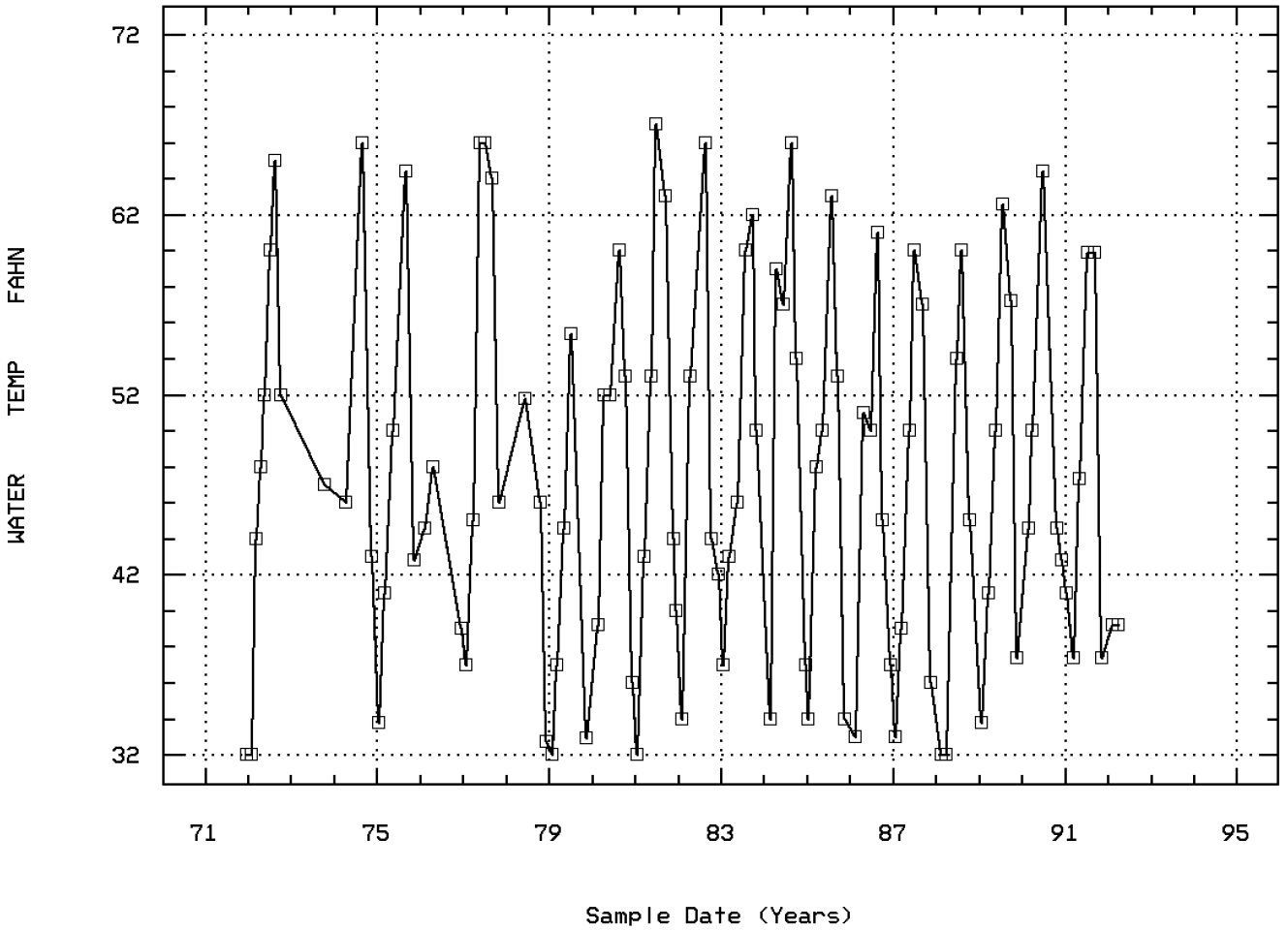
EPA Water Quality Criteria Analysis for Station: ROMO0483

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	34	0	0.00	9	0	0.00	18	0	0.00	7	0	0.00			
		Drinking Water	250.	34	0	0.00	9	0	0.00	18	0	0.00	7	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	101	0	0.00	35	0	0.00	50	0	0.00	16	0	0.00			
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	21	0	0.00	5	0	0.00	12	0	0.00	4	0	0.00			
00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS	Fresh Acute	130.	6	0	0.00				3	0	0.00	3	0	0.00			
		Drinking Water	4.	0 &	0	0.00												
01002	ARSENIC, TOTAL	Fresh Acute	360.	31	0	0.00	5	0	0.00	18	0	0.00	8	0	0.00			
		Drinking Water	50.	31	0	0.00	5	0	0.00	18	0	0.00	8	0	0.00			
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	21	0	0.00	8	0	0.00	11	0	0.00	2	0	0.00			
		Drinking Water	5.	21	0	0.00	8	0	0.00	11	0	0.00	2	0	0.00			
01032	CHROMIUM, HEXAVALENT	Fresh Acute	16.	15	0	0.00	3	0	0.00	9	0	0.00	3	0	0.00			
		Drinking Water	100.	15	0	0.00	3	0	0.00	9	0	0.00	3	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	21	0	0.00	8	0	0.00	11	0	0.00	2	0	0.00			
		Drinking Water	1300.	21	0	0.00	8	0	0.00	11	0	0.00	2	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	21	0	0.00	8	0	0.00	11	0	0.00	2	0	0.00			
		Drinking Water	15.	21	0	0.00	8	0	0.00	11	0	0.00	2	0	0.00			
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI	Fresh Acute	1400.	8	0	0.00	1	0	0.00	4	0	0.00	3	0	0.00			
		Drinking Water	100.	8	0	0.00	1	0	0.00	4	0	0.00	3	0	0.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	19	0	0.00	8	0	0.00	10	0	0.00	1	0	0.00			
		Drinking Water	100.	19	0	0.00	8	0	0.00	10	0	0.00	1	0	0.00			
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG	Fresh Acute	4.1	43 &	0	0.00	14	0	0.00	20	0	0.00	9	0	0.00			
		Drinking Water	100.	44	0	0.00	14	0	0.00	20	0	0.00	10	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	21	0	0.00	8	0	0.00	11	0	0.00	2	0	0.00			
		Drinking Water	5000.	21	0	0.00	8	0	0.00	11	0	0.00	2	0	0.00			
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Fresh Acute	120.	80	3	0.04	27	0	0.00	39	2	0.05	14	1	0.07			
		Drinking Water	5000.	80	0	0.00	27	0	0.00	39	0	0.00	14	0	0.00			
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Fresh Acute	3.9	80	0	0.00	27	0	0.00	40	0	0.00	13	0	0.00			
		Drinking Water	5.	80	0	0.00	27	0	0.00	40	0	0.00	13	0	0.00			
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Fresh Acute	82.	80	0	0.00	27	0	0.00	39	0	0.00	14	0	0.00			
		Drinking Water	15.	80	1	0.01	27	1	0.04	39	0	0.00	14	0	0.00			
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS C	Drinking Water	100.	6	0	0.00	2	0	0.00	3	0	0.00	1	0	0.00			
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Fresh Acute	18.	75	4	0.05	24	1	0.04	38	2	0.05	13	1	0.08			
		Drinking Water	1300.	75	0	0.00	24	0	0.00	38	0	0.00	13	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	23	0	0.00	4	0	0.00	13	0	0.00	6	0	0.00			
		Drinking Water	50.	23	0	0.00	4	0	0.00	13	0	0.00	6	0	0.00			
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	6	0	0.00	1	0	0.00	3	0	0.00	2	0	0.00			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	26	5	0.19	8	3	0.38	13	0	0.00	5	2	0.40			
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	105	18	0.17	37	12	0.32	51	5	0.10	17	1	0.06			
71900	MERCURY, TOTAL	Fresh Acute	2.4	8	0	0.00				4	0	0.00	4	0	0.00			
		Drinking Water	2.	8	0	0.00				4	0	0.00	4	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station: ROMO0483 Parameter Code: 00011

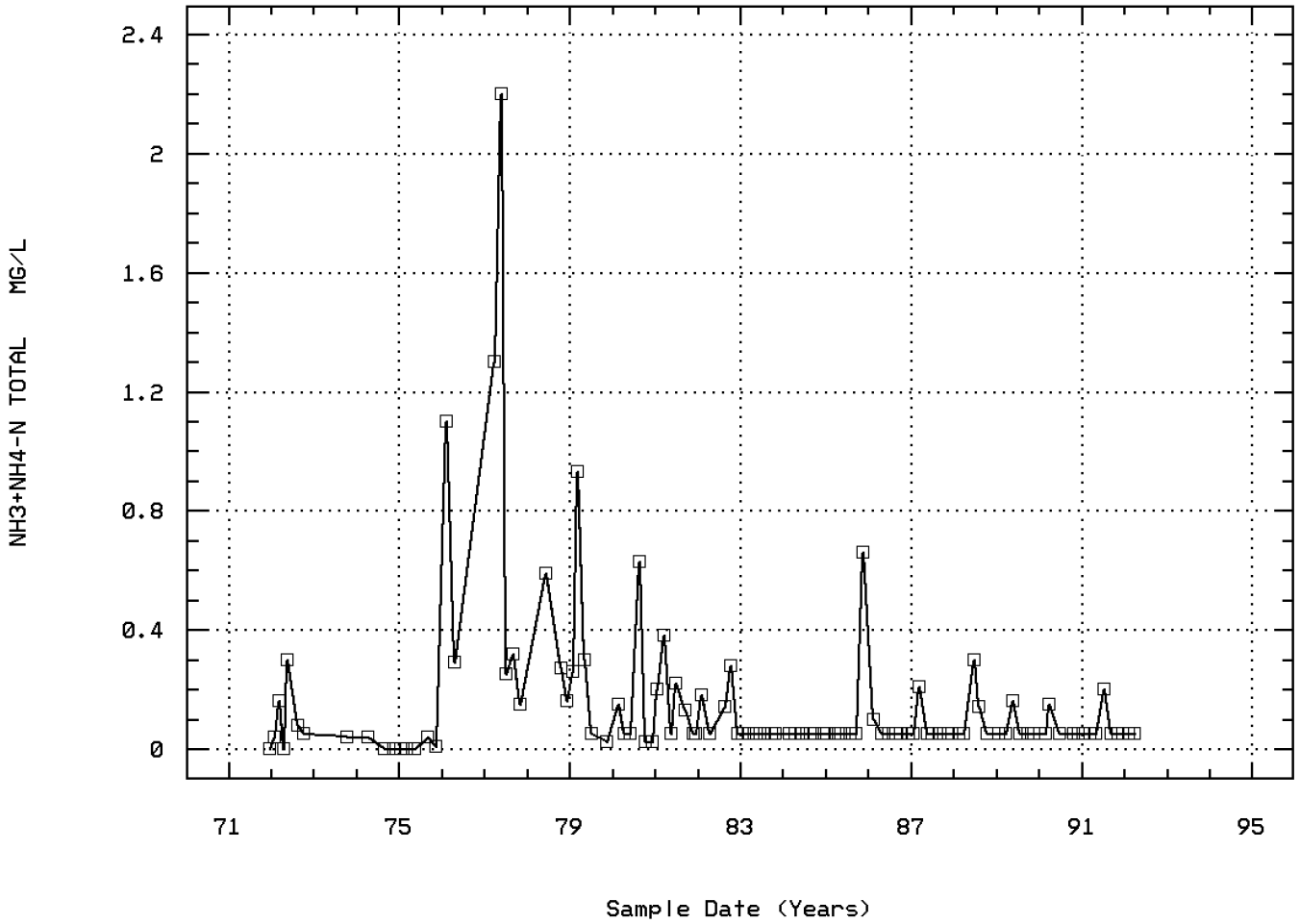
TEMPERATURE, WATER (DEGREES FAHRENHEIT)



BIG THOMPSON RIVER BELOW ESTES PARK

Station: ROMO0483 Parameter Code: 00610

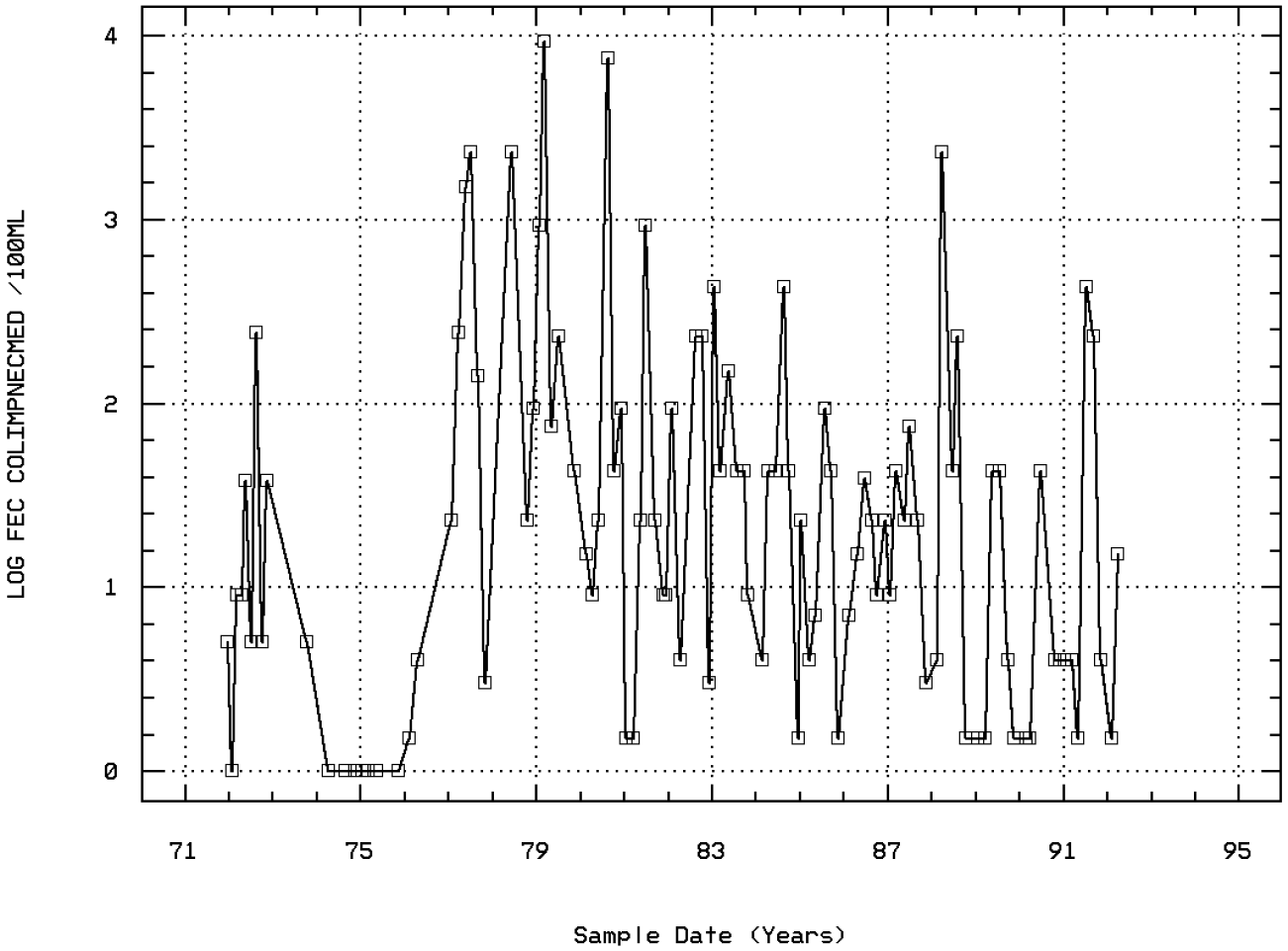
NITROGEN, AMMONIA, TOTAL (MG/L AS N)



BIG THOMPSON RIVER BELOW ESTES PARK

Station: ROMO0483 Parameter Code: 31615

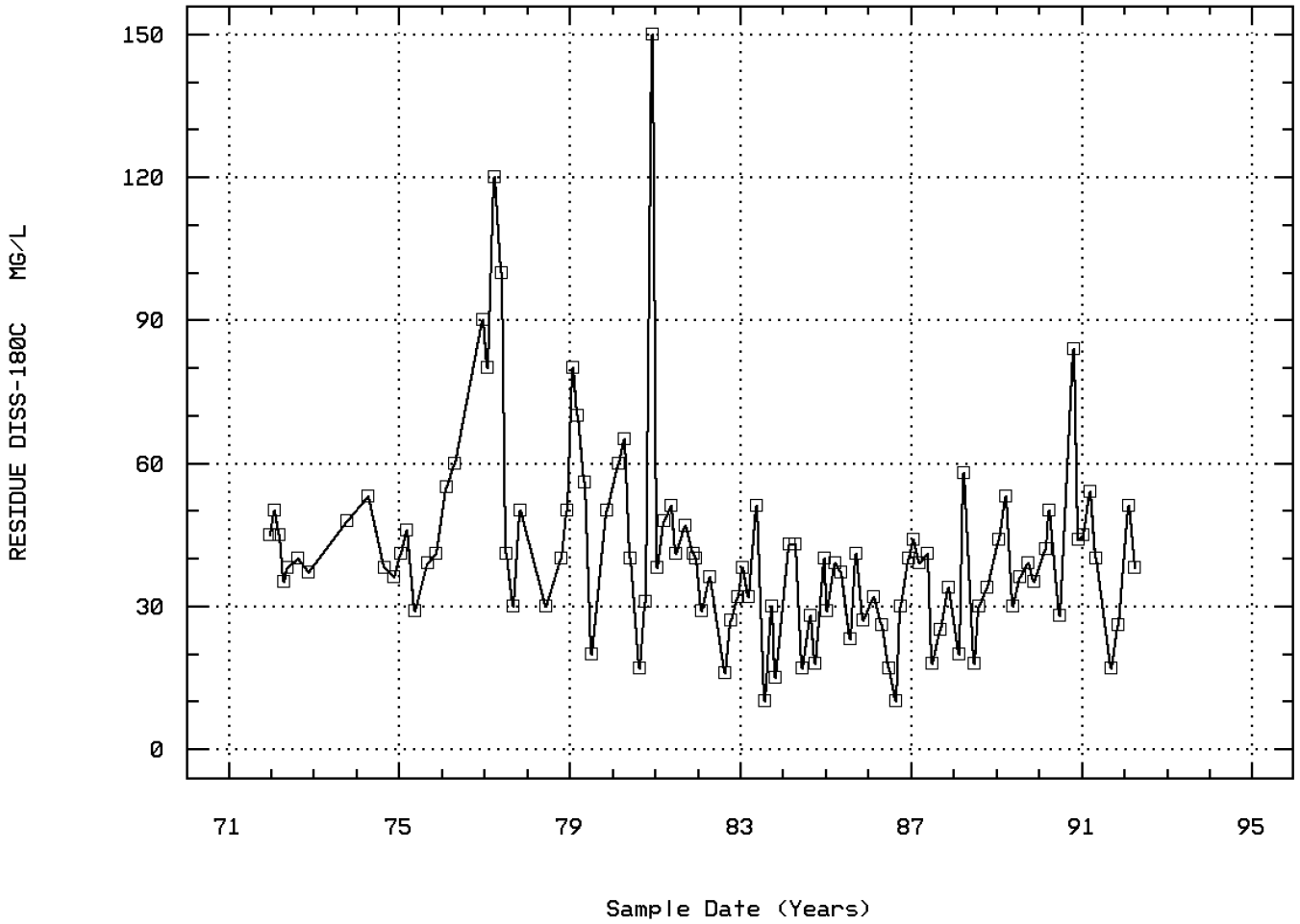
LOG FECAL COLIFORM,MPN,EC MED,44.5C (TU



BIG THOMPSON RIVER BELOW ESTES PARK

Station: ROMO0483 Parameter Code: 70300

RESIDUE,TOTAL FILTRABLE (DRIED AT 180C)



BIG THOMPSON RIVER BELOW ESTES PARK

Seasonal Analysis for Season #1: 6/10 to 10/31 - Station ROMO0483

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	12/17/71-04/02/92	38	59.95	57.532	67.	44.	49.388	7.028	45.	52.75	63.25	66.
00021	TEMPERATURE, AIR (DEGREES FAHRENHEIT)	01/24/79-04/02/92	26	68.	62.415	89.	31.	214.934	14.661	38.2	50.	70.5	78.
00057	FLOW, INDICATES IT HAS BEEN CHECKED	12/17/71-09/11/87	31	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00060	FLOW, STREAM, MEAN DAILY CFS	12/17/71-09/11/87	31	75.	146.645	882.	35.	39197.103	197.983	42.2	49.	124.	490.4
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/17/71-04/02/92	34	40.5	48.676	250.	20.	1546.286	39.323	23.5	30.	50.25	68.5
00300	OXYGEN, DISSOLVED MG/L	10/12/73-04/02/92	35	8.4	8.574	10.9	4.	2.041	1.429	7.12	7.7	9.7	10.5
00310	BOD, 5 DAY, 20 DEG C MG/L	12/17/71-01/25/89	23	1.	1.448	4.	0.5	0.931	0.965	0.5	0.5	2.	3.
00400	PH (STANDARD UNITS)	12/17/71-04/02/92	34	7.325	7.397	8.6	6.4	0.302	0.549	6.75	6.975	7.8	8.265
00400	CONVERTED PH (STANDARD UNITS)	12/17/71-04/02/92	34	7.324	7.123	8.6	6.4	0.379	0.615	6.75	6.975	7.8	8.265
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/17/71-04/02/92	34	0.047	0.075	0.398	0.003	0.007	0.082	0.005	0.016	0.106	0.179
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/13/78-04/02/92	25	16.	19.68	120.	4.	488.893	22.111	8.	11.	19.	33.6
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/17/71-04/02/92	36 ##	5.	6.917	20.	0.	14.079	3.752	5.	5.	10.	11.9
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/17/71-04/02/92	37 ##	0.05	0.126	0.63	0.	0.021	0.146	0.04	0.05	0.17	0.304
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/27/76-04/02/92	28 ##	0.5	0.607	3.5	0.5	0.321	0.567	0.5	0.5	0.5	0.5
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/10/79-04/02/92	28 ##	0.25	0.261	0.6	0.22	0.004	0.067	0.25	0.25	0.25	0.25
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/09/74-04/02/92	30	0.08	0.125	1.5	0.	0.07	0.264	0.025	0.025	0.11	0.187
00723	CYANIDE, DISSOLVED STD METHOD (UG/L)	12/17/71-05/19/83	14 ##	0.003	0.003	0.01	0.	0.	0.003	0.	0.	0.005	0.008
00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/17/71-04/02/92	30	21.	21.5	38.	2.	94.741	9.734	5.7	15.5	30.25	35.8
00910	CALCIUM (MG/L AS CACO3)	12/17/71-12/10/80	9	16.	16.556	29.	6.	43.778	6.616	6.	13.	20.	29.
00927	MAGNESIUM, TOTAL (MG/L AS MG)	12/17/71-12/10/80	8	3.	3.125	6.	1.	2.696	1.642	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	12/17/71-04/02/92	35 ##	2.5	3.871	8.	1.	3.079	1.755	2.5	2.5	5.	7.
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	12/17/71-06/22/88	28	205.	296.071	1200.	50.	62232.143	249.464	86.	135.	345.	714.
01022	BORON, TOTAL (UG/L AS B)	12/17/71-11/23/81	7	30.	25.714	70.	0.	728.571	26.992	**	**	**	**
01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	03/14/72-06/22/88	14 ##	0.1	0.093	0.1	0.	0.001	0.027	0.05	0.1	0.1	0.1
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	12/17/71-06/22/88	27 ##	5.	6.296	40.	0.	62.678	7.917	0.	5.	5.	12.
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	12/17/71-06/22/88	27 ##	0.15	0.135	0.8	0.	0.022	0.149	0.	0.	0.15	0.15
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	12/17/71-06/22/88	27 ##	2.5	3.074	20.	0.	15.437	3.929	0.	2.5	2.5	7.4
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	12/17/71-06/22/88	24 ##	2.5	6.188	100.	0.	402.083	20.052	0.	0.625	2.5	5.5
01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	12/17/71-06/22/88	27 ##	25.	21.667	60.	0.	203.846	14.277	0.	25.	25.	30.
01147	SELENIUM, TOTAL (UG/L AS SE)	12/17/71-11/23/81	4	0.	0.	0.	0.	0.	0.	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/17/71-04/02/92	37	43.	436.23	7500.	1.	1705560.48	1305.971	4.	23.	230.	1204.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/17/71-04/02/92	37	1.633	1.762	3.875	0.	0.781	0.884	0.602	1.362	2.362	3.047
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			57.77								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	12/17/71-04/02/92	35	30.	30.229	84.	10.	196.005	14.	16.6	18.	39.	43.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 4/10 - Station ROMO0483

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	12/17/71-04/02/92	51	37.4	38.702	50.	32.	26.137	5.112	32.	34.	43.	45.8
00021	TEMPERATURE, AIR (DEGREES FAHRENHEIT)	01/24/79-04/02/92	33	39.	35.879	56.	5.	133.86	11.57	20.8	29.5	42.	49.2
00057	FLOW, INDICATES IT HAS BEEN CHECKED	12/17/71-09/11/87	38	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00060	FLOW, STREAM, MEAN DAILY CFS	12/17/71-09/11/87	38	14.	15.579	34.	0.	73.656	8.582	1.8	11.5	22.5	28.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/17/71-04/02/92	47	67.	72.723	200.	5.	974.031	31.209	49.4	57.	74.	114.
00300	OXYGEN, DISSOLVED MG/L	10/12/73-04/02/92	48	10.8	10.988	14.5	8.9	1.6	1.265	9.48	10.1	11.8	12.87
00310	BOD, 5 DAY, 20 DEG C MG/L	12/17/71-01/25/89	29	2.	2.014	6.	0.5	1.756	1.325	0.5	1.	2.	4.
00400	PH (STANDARD UNITS)	12/17/71-04/02/92	50	7.7	7.681	9.3	6.3	0.462	0.679	6.71	7.2	8.088	8.693
00400	CONVERTED PH (STANDARD UNITS)	12/17/71-04/02/92	50	7.7	7.236	9.3	6.3	0.664	0.815	6.71	7.2	8.088	8.693
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/17/71-04/02/92	50	0.02	0.058	0.501	0.001	0.009	0.093	0.002	0.008	0.063	0.195
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/13/78-04/02/92	34	24.	28.512	100.	0.4	309.39	17.589	12.	19.5	36.	45.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/17/71-04/02/92	50 ##	5.	12.02	260.	0.	1331.408	36.488	5.	5.	5.	13.8
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/17/71-04/02/92	50 ##	0.05	0.17	1.3	0.	0.087	0.296	0.012	0.05	0.153	0.632
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/27/76-04/02/92	35 ##	0.5	0.5	0.5	0.5	0.	0.	0.5	0.5	0.5	0.5
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/10/79-04/02/92	35 ##	0.25	0.402	1.5	0.15	0.096	0.309	0.25	0.25	0.5	0.834
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/09/74-04/02/92	47	0.16	0.206	0.79	0.	0.038	0.195	0.025	0.08	0.23	0.568
00723	CYANIDE, DISSOLVED STD METHOD (UG/L)	12/17/71-05/19/83	25 ##	0.003	0.002	0.005	0.	0.	0.002	0.	0.	0.005	0.005

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 4/10 - Station ROMO0483

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/17/71-04/02/92	43	30.	34.14	76.	12.	215.456	14.678	20.	24.	41.	50.2
00910	CALCIUM (MG/L AS CACO3)	12/17/71-12/10/80	19	24.	26.947	47.	16.	70.719	8.409	16.	20.	32.	37.
00927	MAGNESIUM, TOTAL (MG/L AS MG)	12/17/71-12/10/80	19	4.	4.368	10.	0.	8.023	2.833	1.	2.	7.	10.
00945	SULFATE, TOTAL (MG/L AS SO4)	12/17/71-04/02/92	50	5.	7.08	40.	2.	45.647	6.756	2.5	2.5	7.	14.9
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	12/17/71-06/22/88	40	130.	361.5	4600.	0.	740443.846	860.49	50.	100.	247.5	517.
01022	BORON, TOTAL (UG/L AS B)	12/17/71-11/23/81	15	30.	31.333	120.	0.	1283.81	35.83	0.	0.	60.	96.
01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	03/14/72-06/22/88	20 ##	0.1	0.12	0.8	0.	0.027	0.164	0.	0.1	0.1	0.1
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	12/17/71-06/22/88	39 ##	5.	19.795	300.	0.	2574.009	50.735	0.	5.	12.	40.
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	12/17/71-06/22/88	40 ##	0.15	0.101	0.3	0.	0.006	0.079	0.	0.	0.15	0.15
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	12/17/71-06/22/88	39 ##	2.5	2.231	8.	0.	3.116	1.765	0.	0.	2.5	4.5
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	12/17/71-06/22/88	38 ##	2.5	3.592	23.	0.	20.958	4.578	0.	2.5	3.	8.1
01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	12/17/71-06/22/88	40 ##	25.	22.25	120.	0.	467.885	21.631	0.	0.	25.	25.
01147	SELENIUM, TOTAL (UG/L AS SE)	12/17/71-11/23/81	13	0.	0.577	2.5	0.	0.744	0.862	0.	0.	1.	2.3
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/17/71-04/02/92	51	4.	271.794	9300.	1.	1783110.992	1335.332	1.	1.5	23.	210.6
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/17/71-04/02/92	51	0.602	0.942	3.968	0.	0.86	0.927	0.	0.176	1.362	2.298
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			8.746								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	12/17/71-04/02/92	52	43.5	47.865	150.	15.	512.746	22.644	29.	37.25	50.75	77.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/11 to 6/09 - Station ROMO0483

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	12/17/71-04/02/92	17	50.	51.288	66.	44.6	25.015	5.001	45.72	48.	52.5	60.4
00021	TEMPERATURE, AIR (DEGREES FAHRENHEIT)	01/24/79-04/02/92	12	59.	57.667	70.	45.	53.152	7.291	46.5	50.5	61.5	69.1
00057	FLOW, INDICATES IT HAS BEEN CHECKED	12/17/71-09/11/87	16	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00060	FLOW, STREAM, MEAN DAILY CFS	12/17/71-09/11/87	16	50.5	76.063	246.	0.	4275.129	65.384	7.7	29.5	121.25	185.1
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/17/71-04/02/92	16	61.	68.063	200.	40.	1422.196	37.712	42.1	46.25	76.	116.
00300	OXYGEN, DISSOLVED MG/L	10/12/73-04/02/92	15	9.4	9.453	12.5	6.8	1.454	1.206	7.82	8.9	9.8	11.48
00310	BOD, 5 DAY, 20 DEG C MG/L	12/17/71-01/25/89	11	1.3	1.8	6.	0.5	2.23	1.493	0.6	1.	2.	5.2
00400	PH (STANDARD UNITS)	12/17/71-04/02/92	17	7.77	7.754	9.	6.4	0.426	0.653	6.72	7.45	8.31	8.52
00400	CONVERTED PH (STANDARD UNITS)	12/17/71-04/02/92	17	7.77	7.277	9.	6.4	0.668	0.817	6.72	7.45	8.31	8.52
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/17/71-04/02/92	17	0.017	0.053	0.398	0.001	0.01	0.099	0.003	0.005	0.036	0.206
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/13/78-04/02/92	11	24.	23.273	36.	12.	65.018	8.063	12.	18.	30.	35.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/17/71-04/02/92	16	9.5	14.313	70.	5.	258.229	16.07	5.	5.	19.25	35.7
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/17/71-04/02/92	17 ##	0.05	0.221	2.2	0.	0.27	0.52	0.	0.05	0.225	0.68
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/27/76-04/02/92	11 ##	0.5	0.773	2.6	0.5	0.44	0.663	0.5	0.5	0.5	2.36
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	07/10/79-04/02/92	11 ##	0.25	0.242	0.28	0.13	0.001	0.038	0.154	0.25	0.25	0.274
00665	PHOSPHORUS, TOTAL (MG/L AS P)	04/09/74-04/02/92	13	0.06	0.075	0.25	0.	0.006	0.076	0.	0.015	0.105	0.23
00723	CYANIDE, DISSOLVED STD METHOD (UG/L)	12/17/71-05/19/83	10 ##	0.003	0.002	0.005	0.	0.	0.002	0.	0.	0.005	0.005
00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/17/71-04/02/92	12	29.5	34.583	67.	14.	301.538	17.365	14.6	21.	51.25	64.6
00910	CALCIUM (MG/L AS CACO3)	12/17/71-12/10/80	7	23.	23.143	32.	12.	43.476	6.594	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	12/17/71-12/10/80	7	5.	5.	9.	1.	12.	3.464	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	12/17/71-04/02/92	16	5.5	6.438	18.	2.	17.529	4.187	2.35	2.5	9.5	12.4
00980	IRON,TOTAL RECOVERABLE IN WATER AS FE UG/L	12/17/71-06/22/88	14	240.	273.571	700.	100.	26178.571	161.798	100.	182.5	325.	605.
01022	BORON, TOTAL (UG/L AS B)	12/17/71-11/23/81	7	40.	51.429	130.	0.	2214.286	47.056	**	**	**	**
01079	SILVER,TOTAL RECOVERABLE IN WATER AS AG UG/L	03/14/72-06/22/88	10 ##	0.1	2.58	25.	0.	62.06	7.878	0.	0.075	0.125	22.52
01094	ZINC,TOTAL RECOVERABLE IN WATER AS ZN UG/L	12/17/71-06/22/88	14 ##	5.	14.643	140.	0.	1313.324	36.24	0.	3.75	10.	75.
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD UG/L	12/17/71-06/22/88	13 ##	0.15	0.119	0.2	0.	0.005	0.069	0.	0.075	0.15	0.18
01114	LEAD,TOTAL RECOVERABLE IN WATER AS PB UG/L	12/17/71-06/22/88	14 ##	2.5	1.929	4.5	0.	1.879	1.371	0.	0.	2.5	3.5
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU UG/L	12/17/71-06/22/88	13 ##	2.5	3.808	19.	0.	25.106	5.011	0.	1.25	4.25	14.2
01123	MANGANESE,TOTAL RECOVERABLE IN WATER AS MN UG/L	12/17/71-06/22/88	14 ##	25.	18.929	40.	0.	169.918	13.035	0.	0.	25.	32.5
01147	SELENIUM, TOTAL (UG/L AS SE)	12/17/71-11/23/81	6 ##	1.	1.083	2.5	0.	1.042	1.021	**	**	**	**
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/17/71-04/02/92	17	23.	115.794	1500.	1.	128586.533	358.59	1.4	5.5	43.	420.
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	12/17/71-04/02/92	17	1.362	1.263	3.176	0.	0.581	0.762	0.141	0.724	1.633	2.376
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			18.318								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	12/17/71-04/02/92	17	40.	45.765	100.	26.	314.941	17.747	28.4	35.5	53.5	72.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: ROMO0484

NPS Station ID: ROMO0484
LAT/LON: 40.380559/-105.848893
Agency: 112WRD
Date Created: 11/18/75
Location: TIMBER CRK AT HWY. 34
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 402250105505600
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14010001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14010001049
RF1 Mile Point: 13.010
Distance from RF1: 2.10
On/Off RF1: OFF
RF3 Index: 14010001109400.32
RF3 Mile Point: 7.04
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0484

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/28/74-09/11/74	2	7.5	7.5	8.	7.	0.5	0.707	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/28/74-09/11/74	2	31.	31.	42.	20.	242.	15.556	**	**	**	**
00400	PH (STANDARD UNITS)	06/28/74-06/28/74	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/28/74-06/28/74	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/28/74-06/28/74	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	06/28/74-06/28/74	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/28/74-09/11/74	2	12.5	12.5	18.	7.	60.5	7.778	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	06/28/74-09/11/74	2	15.5	15.5	22.	9.	84.5	9.192	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	06/28/74-06/28/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	06/28/74-09/11/74	2 ##	0.03	0.03	0.05	0.01	0.001	0.028	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	06/28/74-09/11/74	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	06/28/74-09/11/74	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	06/28/74-09/11/74	2	13.	13.	17.	9.	32.	5.657	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	06/28/74-09/11/74	2	0.5	0.5	1.	0.	0.5	0.707	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	06/28/74-09/11/74	2	3.4	3.4	4.6	2.2	2.88	1.697	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	06/28/74-09/11/74	2	1.05	1.05	1.3	0.8	0.125	0.354	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	06/28/74-09/11/74	2	1.8	1.8	2.	1.6	0.08	0.283	**	**	**	**
00931	SODIUM ADSORPTION RATIO	06/28/74-09/11/74	2	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	06/28/74-09/11/74	2	23.5	23.5	27.	20.	24.5	4.95	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	06/28/74-09/11/74	2	0.6	0.6	0.7	0.5	0.02	0.141	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/28/74-09/11/74	2	1.65	1.65	3.	0.3	3.645	1.909	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	06/28/74-09/11/74	2	4.	4.	5.	3.	2.	1.414	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	06/28/74-09/11/74	2	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	06/28/74-09/11/74	2	7.35	7.35	8.8	5.9	4.205	2.051	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	06/28/74-09/11/74	2	60.	60.	80.	40.	800.	28.284	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	06/28/74-09/11/74	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	06/28/74-09/11/74	2	27.5	27.5	36.	19.	144.5	12.021	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	06/28/74-09/11/74	2	0.04	0.04	0.05	0.03	0.	0.014	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0484

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	2	0	0.00	2	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00	2	0	0.00									
		Drinking Water	250.	2	0	0.00	2	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	2	0	0.00	2	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	2	0	0.00	2	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0485

NPS Station ID: ROMO0485 LAT/LON: 40.380837/-105.850338 Agency: 11NPSWRD Date Created: 06/12/99
Location: COLORADO RIVER NEAR TIMBER CREEK CAMPGROUND FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): ROMO_JR_CAP52
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 14010001 Depth of Water: 0 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: UPPER COLORADO RIVER ECO Region:
RF1 Index: 14010001 RF1 Mile Point: 0.000 Distance from RF1: 12.40 On/Off RF1:
RF3 Index: 10190007002218.40 RF3 Mile Point: 18.39 Distance from RF3: 0.57 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE FALL RIVER PASS CO 7.5' SERIES (TOPO.) QUADRANGLE. THE SITE IS LOCATED AT THE COLORADO RIVER NEAR TIMBER CREEK CAMPROUND AND IS WITHIN ROCKY MOUNTAIN NATIONAL PARK. THE DATA ARE FROM ANNUAL CAPSHELL SNAIL MONITORING PROGRAM REPORTS BY JOHN RIEBESELL OF THE DEPARTMENT OF NATURAL RESOURCES AT THE UNIVERSITY OF MICHIGAN IN DEARBORN MI. TTHE REPORTS SUMMARIZED POPULATION DATA AND WATER QUALITY CHARACTERISTICS OF THE HABITAT OF CAPSHELL SNAILS; A CANDIDATE FOR LISTING UNDER THE FEDERAL ENDANGERED SPECIES ACT. FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0485

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/96-07/31/96	1	17.2	17.2	17.2	17.2	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: ROMO0486

NPS Station ID: ROMO0486 | LAT/LON: 40.381115/-105.936948 | Agency: 12WLS1 | Date Created: 09/03/88
Location: PARIKA LAKE | FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): 4E3-009
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 10180001 | Depth of Water: 6 | Aquifer:
Major Basin: | Elevation: 0 | Water Body Id:
Minor Basin: | ECO Region:
RF1 Index: 10180001 | RF1 Mile Point: 0.000 | Distance from RF1: 15.90 | On/Off RF1:
RF3 Index: 14010001110800.50 | RF3 Mile Point: 0.50 | Distance from RF3: 0.03 | On/Off RF3:
Description:
THIS DATA WAS COLLECTED DURING THE WESTERN LAKE SURVEY-PHASE I (WLS-I) AS PART OF EPA'S NATIONAL SURFACE WATER SURVEY, AQUATIC EFFECTS RESEARCH PROGRAM. THE SURVEY DESIGN, METHODS, AND DATA LIMITATIONS ARE DESCRIBED IN:
LANDERS, D.H., ET AL. 1987. CHARACTERISTICS OF LAKES IN THE WESTERN UNITED STATES. VOL. I. POPULATION DESCRIPTIONS AND PHYSICO-CHEMICAL RELATIONSHIPS. EPA/600/4-86/054A. U.S. ENVIRON. PROT. AGENCY, WASHINGTON, D.C. 176 PP.
THE DATA PRESENTED HERE ARE THOSE REPORTED IN LANDERS ET AL. (1987) WITH THE FOLLOWING EXCEPTIONS: (1) UNITS FOR CHEMICAL PARAMETERS ARE TYPICALLY IN MG/L RATHER THAN MICROEQ/L; (2) NO SUBSTITUTED VALUES ARE PROVIDED FOR SUSPECT DATA; (3) TAGS AND FLAGS USED TO IDENTIFY SUSPICIOUS DATA ARE NOT SHOWN; AND (4) CALCULATED OR DERIVED VARIABLES ARE EXCLUDED.

Parameter Inventory for Station: ROMO0486

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/12/85-09/12/85	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	09/12/85-09/12/85	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	09/12/85-09/12/85	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/12/85-09/12/85	1	96.	96.	96.	96.	0.	0.	**	**	**	**
00154	SULFATE (AS S) WHOLE WATER, MG/L	09/12/85-09/12/85	1	5.445	5.445	5.445	5.445	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	09/12/85-09/12/85	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/12/85-09/12/85	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/12/85-09/12/85	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	09/12/85-09/12/85	1	891.9	891.9	891.9	891.9	0.	0.	**	**	**	**
00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	09/12/85-09/12/85	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/12/85-09/12/85	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	09/12/85-09/12/85	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00910	CALCIUM (MG/L AS CACO3)	09/12/85-09/12/85	1	13.7	13.7	13.7	13.7	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/12/85-09/12/85	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/12/85-09/12/85	1	0.63	0.63	0.63	0.63	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/12/85-09/12/85	1	0.54	0.54	0.54	0.54	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/12/85-09/12/85	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/12/85-09/12/85	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/12/85-09/12/85	1	2.3	2.3	2.3	2.3	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/12/85-09/12/85	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	09/12/85-09/12/85	1	12.	12.	12.	12.	0.	0.	**	**	**	**
70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	09/12/85-09/12/85	1	0.012	0.012	0.012	0.012	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: ROMO0486

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/12/85-09/12/85	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
71885	IRON (UG/L AS FE)	09/12/85-09/12/85	1	43.	43.	43.	43.	0.	0.	**	**	**	**
72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	09/12/85-09/12/85	1	11387.	11387.	11387.	11387.	0.	0.	**	**	**	**
82047	DEPTH TO THE TOP OF THE SAMPLING INTERVAL (METERS)	09/12/85-09/12/85	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	09/12/85-09/12/85	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0486

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00154	SULFATE (AS S) WHOLE WATER	Drinking Water	250.	1	0	0.00	1	0	0.00									
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	0	0.00	1	0	0.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0487

NPS Station ID: ROMO0487 | LAT/LON: 40.381892/-105.489198 | Agency: 11NPSWRD | Date Created: 06/18/99
Location: 105732/C04228 | FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): ROMO_NURE_012 /1073941 /1118419
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 10190006 | Depth of Water: 0 | Aquifer:
Major Basin: MISSOURI RIVER | Elevation: 0 | Water Body Id:
Minor Basin: SOUTH PLATTE RIVER | ECO Region:
RF1 Index: 10190006 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE "GLEN HAVEN COLORADO" 7.5 MINUTE SERIES QUADRANGLE. THE SITE IS AT A STREAM OUTSIDE OF ROCKY MOUNTAIN NATIONAL PARK. EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO ONE WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATA BASE: "NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SOIL; STREAM SEDIMENT; SURFACE WATER; AND GROUND WATER DATA. "UNIQID" FIELD ENTRIES WERE USED TO CREATE THE SECONDARY STATION NAMES. THE "LASLID" FIELD ENTRIES (LAB SAMPLE NUMBERS) WERE USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LAB. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND KELLI O'CONNOR; NATIONAL PARK SERVICE WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0487

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/20/76-09/20/76	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/20/76-09/20/76	1	300.	300.	300.	300.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/20/76-09/20/76	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/20/76-09/20/76	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/20/76-09/20/76	1	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/20/76-09/20/76	1	7.73	7.73	7.73	7.73	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0487

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0488

NPS Station ID: ROMO0488 | LAT/LON: 40.382503/-105.849392 | Agency: 11NPSWRD | Date Created: 06/18/99
Location: 106074/C04505 | FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): ROMO_NURE_217 /1074158 /1118636
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14010001 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: UPPER COLORADO RIVER | ECO Region:
RF1 Index: 14010001 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE FALL RIVER PASS CO 7.5' SERIES (TOPO.) QUAD. THE SITE IS AT A STREAM WITHIN ROCKY MOUNTAIN NATIONAL PARK (ROMO). EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN ONE WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE U.S. GEOLOGICAL SURVEY "NATIONAL GEOCHEMICAL DATA BASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND KIM BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. "UNIQID" ENTRIES WERE USED TO CREATE THE SECONDARY STATION NAMES. "LASLID" ENTRIES WERE USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LABORATORY. FOR MORE INFORMATION ABOUT THE PARK CONTACT NATURAL RESOURCES AT ROMO; ESTES PARK; CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AT NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS; CO 80525 (TEL. 970-225-3556).

Parameter Inventory for Station: ROMO0488

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/23/76-09/23/76	1	10.7	10.7	10.7	10.7	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/23/76-09/23/76	1	35.	35.	35.	35.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/23/76-09/23/76	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/23/76-09/23/76	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/23/76-09/23/76	1	0.316	0.316	0.316	0.316	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/23/76-09/23/76	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0488

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0489

NPS Station ID: ROMO0489
LAT/LON: 40.383337/-105.566670
Agency: 1117S030
Date Created: / /
Location:
FIPS State/County: 08000 COLORADO/
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 070304
RMI-Indexes: 1021500 009490 07090 1070 1540
Within Park Boundary: Yes
RMI-Miles: 1149.40 0595.20 309.00 260.40 063.40
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006012
RF1 Mile Point: 2.580
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 10190006001200.00
RF3 Mile Point: 5.35
Distance from RF3: 0.02
On/Off RF3:
Description:
LOCATION: BIG THOMPSON RIVER AT COLO. HWY 262 BRIDGE NORTH OF YMCA CAMP. LARIMER COUNTY. SEC 4, T 4 N, R 73 W.

Parameter Inventory for Station: ROMO0489

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/23/65-08/28/65	6	11.5	11.833	15.5	9.5	4.867	2.206	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	08/23/65-08/28/65	6	133.5	143.667	190.	112.	963.467	31.04	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/23/65-08/28/65	8	21.	21.5	28.	17.	10.286	3.207	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/23/65-08/28/65	6	8.1	8.133	8.6	7.6	0.167	0.408	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	08/23/65-08/28/65	6	1.2	1.283	2.2	0.9	0.218	0.467	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	08/23/65-08/28/65	4	18.	17.75	27.	8.	76.917	8.77	**	**	**	**
00400	PH (STANDARD UNITS)	08/23/65-08/28/65	6	7.	7.017	7.1	7.	0.002	0.041	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/23/65-08/28/65	6	7.	7.015	7.1	7.	0.002	0.041	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/23/65-08/28/65	6	0.1	0.097	0.1	0.079	0.	0.008	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/23/65-08/28/65	6	10.	9.833	12.	8.	1.767	1.329	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	08/23/65-08/28/65	6	26.	22.5	33.	5.	106.7	10.33	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/23/65-08/28/65	6	3.	3.167	6.	1.	2.967	1.722	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	08/23/65-08/28/65	6	2.5	2.333	4.	1.	1.467	1.211	**	**	**	**
00545	RESIDUE, SETTLEABLE (ML/L)	08/23/65-08/28/65	6	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/23/65-08/26/65	2	10.5	10.5	11.	10.	0.5	0.707	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/23/65-08/26/65	2	1.	1.	1.	1.	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/23/65-08/28/65	6	32.	46.833	130.	11.	1808.167	42.523	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/23/65-08/28/65	6	1.505	1.548	2.114	1.041	0.123	0.351	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			35.302								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/23/65-08/28/65	6	3.5	5.167	13.	2.	18.967	4.355	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/23/65-08/28/65	6	0.5	0.594	1.114	0.301	0.12	0.347	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			3.922								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0489

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	6	0	0.00	6	0	0.00									
00400	PH	Fresh Chronic	9.	6	0	0.00	6	0	0.00									
		Other-Lo Lim.	6.5	6	0	0.00	6	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00	2	0	0.00									
		Drinking Water	250.	2	0	0.00	2	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: ROMO0489

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	6	0	0.00	6	0	0.00									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	6	0	0.00	6	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0490

NPS Station ID: ROMO0490
LAT/LON: 40.383337/-105.761116
Agency: 12WLS1
Date Created: 09/03/88
Location: ARROWHEAD LAKE
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 4E1-014
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 85
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 17.00
On/Off RF1:
RF3 Index: 10190006041800.59
RF3 Mile Point: 0.59
Distance from RF3: 0.02
On/Off RF3:
Description:
THIS DATA WAS COLLECTED DURING THE WESTERN LAKE SURVEY-PHASE I (WLS-I) AS PART OF EPA'S NATIONAL SURFACE WATER SURVEY, AQUATIC EFFECTS RESEARCH PROGRAM. THE SURVEY DESIGN, METHODS, AND DATA LIMITATIONS ARE DESCRIBED IN:
LANDERS, D.H., ET AL. 1987. CHARACTERISTICS OF LAKES IN THE WESTERN UNITED STATES. VOL. I. POPULATION DESCRIPTIONS AND PHYSICO-CHEMICAL RELATIONSHIPS. EPA/600/4-86/054A. U.S. ENVIRON. PROT. AGENCY, WASHINGTON, D.C. 176 PP.
THE DATA PRESENTED HERE ARE THOSE REPORTED IN LANDERS ET AL. (1987) WITH THE FOLLOWING EXCEPTIONS: (1) UNITS FOR CHEMICAL PARAMETERS ARE TYPICALLY IN MG/L RATHER THAN MICROEQ/L; (2) NO SUBSTITUTED VALUES ARE PROVIDED FOR SUSPECT DATA; (3) TAGS AND FLAGS USED TO IDENTIFY SUSPICIOUS DATA ARE NOT SHOWN; AND (4) CALCULATED OR DERIVED VARIABLES ARE EXCLUDED.

Parameter Inventory for Station: ROMO0490

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/06/85-10/06/85	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/06/85-10/06/85	1	9.45	9.45	9.45	9.45	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	10/06/85-10/06/85	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/06/85-10/06/85	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00154	SULFATE (AS S) WHOLE WATER, MG/L	10/06/85-10/06/85	1	0.884	0.884	0.884	0.884	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	10/06/85-10/06/85	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/06/85-10/06/85	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/06/85-10/06/85	1	0.316	0.316	0.316	0.316	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	10/06/85-10/06/85	1	24.5	24.5	24.5	24.5	0.	0.	**	**	**	**
00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	10/06/85-10/06/85	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/06/85-10/06/85	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	10/06/85-10/06/85	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00910	CALCIUM (MG/L AS CACO3)	10/06/85-10/06/85	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/06/85-10/06/85	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/06/85-10/06/85	1	0.32	0.32	0.32	0.32	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/06/85-10/06/85	1	0.16	0.16	0.16	0.16	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/06/85-10/06/85	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/06/85-10/06/85	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/06/85-10/06/85	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/06/85-10/06/85	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	10/06/85-10/06/85	1	9.	9.	9.	9.	0.	0.	**	**	**	**
70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	10/06/85-10/06/85	1	0.137	0.137	0.137	0.137	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: ROMO0490

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/06/85-10/06/85	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
71885	IRON (UG/L AS FE)	10/06/85-10/06/85	1	6.	6.	6.	6.	0.	0.	**	**	**	**
72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	10/06/85-10/06/85	1	11146.8	11146.8	11146.8	11146.8	0.	0.	**	**	**	**
82047	DEPTH TO THE TOP OF THE SAMPLING INTERVAL (METERS)	10/06/85-10/06/85	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/06/85-10/06/85	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0490

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00154	SULFATE (AS S) WHOLE WATER	Drinking Water	250.	1	0	0.00	1	0	0.00									
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0491

NPS Station ID: ROMO0491
LAT/LON: 40.384198/-105.523309
Agency: 11NPSWRD
Date Created: 06/18/99
Location: 105795/C04275
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): ROMO_NURE_008 /1073981 /1118459
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE "ESTES PARK COLORADO" 7.5 MINUTE SERIES QUADRANGLE. THE SITE IS AT AN ARTIFICIAL LAKE/POND OUTSIDE OF ROCKY MOUNTAIN NATIONAL PARK. EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO ONE WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATA BASE: "NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SOIL; STREAM SEDIMENT; SURFACE WATER; AND GROUND WATER DATA. "UNIQID" FIELD ENTRIES WERE USED TO CREATE THE SECONDARY STATION NAMES. THE "LASLID" FIELD ENTRIES (LAB SAMPLE NUMBERS) WERE USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LAB. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND KELLI O'CONNOR; NATIONAL PARK SERVICE WRD; 1201 OAK RIDGE DR. SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0491

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/22/76-09/22/76	1	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/22/76-09/22/76	1	50.	50.	50.	50.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/22/76-09/22/76	1	6.2	6.2	6.2	6.2	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/22/76-09/22/76	1	6.2	6.2	6.2	6.2	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/22/76-09/22/76	1	0.631	0.631	0.631	0.631	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/22/76-09/22/76	1	0.21	0.21	0.21	0.21	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0491

Parameter				Total	Exceed	Prop.	----------6/10-10/31----------			----------11/01-4/10----------			----------4/11-6/09----------			--------------n/a--------------		
		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0492

NPS Station ID: ROMO0492 | LAT/LON: 40.391115/-105.874393 | Agency: 11NPSWRD | Date Created: 06/18/99
Location: 105316/C04047 | FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): ROMO_NURE_211 /1073795 /1118273
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14010001 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: UPPER COLORADO RIVER | ECO Region:
RF1 Index: 14010001 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE FALL RIVER PASS CO 7.5' SERIES (TOPO.) QUAD. THE SITE IS AT A STREAM WITHIN ROCKY MOUNTAIN NATIONAL PARK (ROMO). EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN ONE WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE U.S. GEOLOGICAL SURVEY "NATIONAL GEOCHEMICAL DATA BASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND KIM BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. "UNIQID" ENTRIES WERE USED TO CREATE THE SECONDARY STATION NAMES. "LASLID" ENTRIES WERE USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LABORATORY. FOR MORE INFORMATION ABOUT THE PARK CONTACT NATURAL RESOURCES AT ROMO; ESTES PARK; CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AT NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS; CO 80525 (TEL. 970-225-3556).

Parameter Inventory for Station: ROMO0492

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/24/76-09/24/76	1	2.9	2.9	2.9	2.9	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/76-09/24/76	1	95.	95.	95.	95.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/24/76-09/24/76	1	5.8	5.8	5.8	5.8	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/24/76-09/24/76	1	5.8	5.8	5.8	5.8	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/24/76-09/24/76	1	1.585	1.585	1.585	1.585	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/24/76-09/24/76	1	2.44	2.44	2.44	2.44	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0492

Parameter				Total	Exceed	Prop.	6/10-10/31			11/01-4/10			4/11-6/09			n/a		
		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0493

NPS Station ID: ROMO0493 | LAT/LON: 40.391392/-105.456893 | Agency: 11NPSWRD | Date Created: 06/18/99
Location: 105866/C04346 | FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): ROMO_NURE_014 /1074037 /1118515
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 10190006 | Depth of Water: 0 | Aquifer:
Major Basin: MISSOURI RIVER | Elevation: 0 | Water Body Id:
Minor Basin: SOUTH PLATTE RIVER | ECO Region:
RF1 Index: 10190006 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE "GLEN HAVEN COLORADO" 7.5 MINUTE SERIES QUADRANGLE. THE SITE IS AT A STREAM OUTSIDE OF ROCKY MOUNTAIN NATIONAL PARK. EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO ONE WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATA BASE: "NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SOIL; STREAM SEDIMENT; SURFACE WATER; AND GROUND WATER DATA. "UNIQID" FIELD ENTRIES WERE USED TO CREATE THE SECONDARY STATION NAMES. THE "LASLID" FIELD ENTRIES (LAB SAMPLE NUMBERS) WERE USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LAB. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND KELLI O'CONNOR; NATIONAL PARK SERVICE WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0493

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/23/76-09/23/76	1	13.3	13.3	13.3	13.3	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/23/76-09/23/76	1	170.	170.	170.	170.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/23/76-09/23/76	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/23/76-09/23/76	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/23/76-09/23/76	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/23/76-09/23/76	1	5.26	5.26	5.26	5.26	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0493

Parameter				Total	Exceed	Prop.	6/10-10/31			11/01-4/10			4/11-6/09			n/a		
		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0494

NPS Station ID: ROMO0494 LAT/LON: 40.391615/-105.849505 Agency: 11NPSWRD Date Created: 06/12/99
Location: COLORADO RIVER NEAR THE "BEAVER" PARKING AREA FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): ROMO_JR_CAP44
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 14010001 Depth of Water: 0 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: UPPER COLORADO RIVER ECO Region:
RF1 Index: 14010001 RF1 Mile Point: 0.000 Distance from RF1: 12.40 On/Off RF1:
RF3 Index: 10190007002218.40 RF3 Mile Point: 18.39 Distance from RF3: 0.57 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE FALL RIVER PASS CO 7.5' SERIES (TOPO.) QUADRANGLE. THE SITE IS LOCATED AT THE COLORADO RIVER NEAR THE "BEAVER" PARKING AREA AND IS WITHIN ROCKY MOUNTAIN NATIONAL PARK. THE DATA ARE FROM ANNUAL CAPSHELL SNAIL MONITORING PROGRAM REPORTS BY JOHN RIEBESELL OF THE DEPARTMENT OF NATURAL RESOURCES AT THE UNIVERSITY OF MICHIGAN IN DEARBORN MI. TTHE REPORTS SUMMARIZED POPULATION DATA AND WATER QUALITY CHARACTERISTICS OF THE HABITAT OF CAPSHELL SNAILS; A CANDIDATE FOR LISTING UNDER THE FEDERAL ENDANGERED SPECIES ACT. FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0494

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/96-07/31/96	1	17.2	17.2	17.2	17.2	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: ROMO0495

NPS Station ID: ROMO0495 | LAT/LON: 40.394698/-105.843616 | Agency: 11NPSWRD | Date Created: 06/18/99
Location: 106075/C04506 | FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): ROMO_NURE_231 /1074159 /1118637
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14010001 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: UPPER COLORADO RIVER | ECO Region:
RF1 Index: 14010001 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE FALL RIVER PASS CO 7.5' SERIES (TOPO.) QUAD. THE SITE IS AT A STREAM WITHIN ROCKY MOUNTAIN NATIONAL PARK (ROMO). EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN ONE WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE U.S. GEOLOGICAL SURVEY "NATIONAL GEOCHEMICAL DATA BASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND KIM BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. "UNIQID" ENTRIES WERE USED TO CREATE THE SECONDARY STATION NAMES. "LASLID" ENTRIES WERE USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LABORATORY. FOR MORE INFORMATION ABOUT THE PARK CONTACT NATURAL RESOURCES AT ROMO; ESTES PARK; CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AT NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS; CO 80525 (TEL. 970-225-3556).

Parameter Inventory for Station: ROMO0495

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/23/76-09/23/76	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/23/76-09/23/76	1	95.	95.	95.	95.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/23/76-09/23/76	1	6.3	6.3	6.3	6.3	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/23/76-09/23/76	1	6.3	6.3	6.3	6.3	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/23/76-09/23/76	1	0.501	0.501	0.501	0.501	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/23/76-09/23/76	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0495

Parameter				Total	Exceed	Prop.	6/10-10/31			11/01-4/10			4/11-6/09			n/a		
		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0496

NPS Station ID: ROMO0496 LAT/LON: 40.395615/-105.438310 Agency: 11NPSWRD Date Created: 06/18/99
Location: 105417/C04086 FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): ROMO_NURE_031 /1073829 /1118307
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 10190006 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI RIVER Elevation: 0 Water Body Id:
Minor Basin: SOUTH PLATTE RIVER ECO Region:
RF1 Index: 10190006 RF1 Mile Point: 0.000 Distance from RF1: 12.40 On/Off RF1:
RF3 Index: 10190007002218.40 RF3 Mile Point: 18.39 Distance from RF3: 0.57 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE "GLEN HAVEN COLORADO" 7.5 MINUTE SERIES QUADRANGLE. THE SITE IS AT A STREAM OUTSIDE OF ROCKY MOUNTAIN NATIONAL PARK. EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO ONE WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATA BASE: "NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SOIL; STREAM SEDIMENT; SURFACE WATER; AND GROUND WATER DATA. "UNIQID" FIELD ENTRIES WERE USED TO CREATE THE SECONDARY STATION NAMES. THE "LASLID" FIELD ENTRIES (LAB SAMPLE NUMBERS) WERE USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LAB. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND KELLI O'CONNOR; NATIONAL PARK SERVICE WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0496

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/24/76-09/24/76	1	12.6	12.6	12.6	12.6	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/76-09/24/76	1	105.	105.	105.	105.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/24/76-09/24/76	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/24/76-09/24/76	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/24/76-09/24/76	1	0.158	0.158	0.158	0.158	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/24/76-09/24/76	1	0.77	0.77	0.77	0.77	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0496

Parameter				Total	Exceed	Prop.	6/10-10/31			11/01-4/10			4/11-6/09			n/a		
		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0497

NPS Station ID: ROMO0497 | LAT/LON: 40.395809/-105.564699 | Agency: 11NPSWRD | Date Created: 06/18/99
Location: 105797/C04277 | FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): ROMO_NURE_002 /1073983 /1118461
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 10190006 | Depth of Water: 0 | Aquifer:
Major Basin: MISSOURI RIVER | Elevation: 0 | Water Body Id:
Minor Basin: SOUTH PLATTE RIVER | ECO Region:
RF1 Index: 10190006 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE "ESTES PARK COLORADO" 7.5 MINUTE SERIES QUADRANGLE. THE SITE IS AT A STREAM OUTSIDE OF ROCKY MOUNTAIN NATIONAL PARK. EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO ONE WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATA BASE: "NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SOIL; STREAM SEDIMENT; SURFACE WATER; AND GROUND WATER DATA. "UNIQID" FIELD ENTRIES WERE USED TO CREATE THE SECONDARY STATION NAMES. THE "LASLID" FIELD ENTRIES (LAB SAMPLE NUMBERS) WERE USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LAB. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND KELLI O'CONNOR; NATIONAL PARK SERVICE WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0497

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/22/76-09/22/76	1	11.5	11.5	11.5	11.5	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/22/76-09/22/76	1	27.	27.	27.	27.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/22/76-09/22/76	1	5.7	5.7	5.7	5.7	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/22/76-09/22/76	1	5.7	5.7	5.7	5.7	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/22/76-09/22/76	1	1.995	1.995	1.995	1.995	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/22/76-09/22/76	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0497

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0498

NPS Station ID: ROMO0498 | LAT/LON: 40.397198/-105.844393 | Agency: 11NPSWRD | Date Created: 06/18/99
Location: 106076/C04507 | FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): ROMO_NURE_232 /1074160 /1118638
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14010001 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: UPPER COLORADO RIVER | ECO Region:
RF1 Index: 14010001 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE FALL RIVER PASS CO 7.5' SERIES (TOPO.) QUAD. THE SITE IS AT A STREAM WITHIN ROCKY MOUNTAIN NATIONAL PARK (ROMO). EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN ONE WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE U.S. GEOLOGICAL SURVEY "NATIONAL GEOCHEMICAL DATA BASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND KIM BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. "UNIQID" ENTRIES WERE USED TO CREATE THE SECONDARY STATION NAMES. "LASLID" ENTRIES WERE USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LABORATORY. FOR MORE INFORMATION ABOUT THE PARK CONTACT NATURAL RESOURCES AT ROMO; ESTES PARK; CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AT NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS; CO 80525 (TEL. 970-225-3556).

Parameter Inventory for Station: ROMO0498

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/23/76-09/23/76	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/23/76-09/23/76	1	104.	104.	104.	104.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/23/76-09/23/76	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/23/76-09/23/76	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/23/76-09/23/76	1	0.251	0.251	0.251	0.251	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/23/76-09/23/76	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0498

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0499

NPS Station ID: ROMO0499 LAT/LON: 40.400004/-105.583338 Agency: 1117S030 Date Created: / /
Location: THUNDER MT LODGE STP OUTFALL FIPS State/County: 08000 COLORADO/
Station Type: /TYPA/MUN/TREATD/OUTFL/STREAM STORET Station ID(s): 070631
RMI-Indexes: 1021500 009490 07090 1070 1540 1160 0018 Within Park Boundary: No
RMI-Miles: 1149.40 0595.20 309.00 260.40 059.70 004.70 00.20
HUC: 10190006 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI RIVER Elevation: 0 Water Body Id:
Minor Basin: SOUTH PLATTE RIVER ECO Region:
RF1 Index: 10190006012 RF1 Mile Point: 4.150 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 10190005000400.69 RF3 Mile Point: 0.90 Distance from RF3: 0.72 On/Off RF3:
Description:
THUNDER MOUNTAIN LODGE SEWAGE TREATMENT PLANT OUTFALL PLANT DATA (FROM SOUTH PLATTE RIVER BASIN PROJECT STUDY JUL 1966):
TYPE TREATMENT: SECONDARY(ACTIVATED SLUDGE) POPULATION SERVED: 95
AVERAGE FLOW: 0.006 MGD PLANT CAPACITY: 0.007 MGD
CHLORINATION FACILITIES: YES LOCATION: OUTFALL DISCHARGES TO A DITCH THAT FLOWS TO FALL RIVER. LODGE
IS LOCATED 3 MILES N.W. OF ESTES PARK ON NORTH SIDE OF U.S. HWY 34. LODGE PROVIDES CABINS AND TRAILER SITES FOR TOURISTS

Parameter Inventory for Station: ROMO0499

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/19/66-08/24/66	2	20.5	20.5	22.	19.	4.5	2.121	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/19/66-08/24/66	2	636.5	636.5	736.	537.	19800.5	140.714	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	07/19/66-08/24/66	2	258.	258.	286.	230.	1568.	39.598	**	**	**	**
00400	PH (STANDARD UNITS)	07/19/66-08/24/66	2	7.3	7.3	7.6	7.	0.18	0.424	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/19/66-08/24/66	2	7.204	7.204	7.6	7.	0.199	0.446	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/19/66-08/24/66	2	0.063	0.063	0.1	0.025	0.003	0.053	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/19/66-08/24/66	2	42.	42.	61.	23.	722.	26.87	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/19/66-08/24/66	2	39.	39.	55.	23.	512.	22.627	**	**	**	**
00545	RESIDUE, SETTLEABLE (ML/L)	07/19/66-08/24/66	2	0.55	0.55	1.	0.1	0.405	0.636	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/19/66-08/24/66	2	2300000.	2300000.	3300000.	1300000.	**********	1414213.562	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	07/19/66-08/24/66	2	6.316	6.316	6.519	6.114	0.082	0.286	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			2071231.518								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/19/66-08/24/66	2	31000.	31000.	49000.	13000.	648000000.	25455.844	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/19/66-08/24/66	2	4.402	4.402	4.69	4.114	0.166	0.407	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			25238.859								
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	07/19/66-07/19/66	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
50050	FLOW, IN CONDUIT OR THRU A TREATMENT PLANT MGD	07/19/66-08/24/66	2	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	07/19/66-07/19/66	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
50084	BOD, PLANT EFFLUENT, 5 DAY, 20 DEG C MG/L	07/19/66-08/24/66	2	63.	63.	80.	46.	578.	24.042	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0499

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	0	0.00	2	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	2	2	1.00	2	2	1.00									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	2	2	1.00	2	2	1.00									
50060	CHLORINE, TOTAL RESIDUAL	Fresh Acute	0.019	1	1	1.00	1	1	1.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0500

NPS Station ID: ROMO0500 LAT/LON: 40.400004/-105.587505 Agency: 1117S030 Date Created: / /
Location: FIPS State/County: 08000 COLORADO/
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 070303
RMI-Indexes: 1021500 009490 07090 1070 1540 1160 Within Park Boundary: No
RMI-Miles: 1149.40 0595.20 309.00 260.40 059.70 004.40
HUC: 10190006 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI RIVER Elevation: 0 Water Body Id:
Minor Basin: SOUTH PLATTE RIVER ECO Region:
RF1 Index: 10190006012 RF1 Mile Point: 4.150 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 10190006001117.49 RF3 Mile Point: 17.48 Distance from RF3: 0.04 On/Off RF3:
Description:
LOCATION: FALL RIVER AT BRIDGE ABOVE STATE FISH HATCHERY. NEAR U.S. HWY 34. LARIMER COUNTY. SEC 30, T 5 N, R 73 W.

Parameter Inventory for Station: ROMO0500

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/23/65-08/28/65	6	10.75	11.	13.	9.5	1.9	1.378	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	08/23/65-08/28/65	6	52.	53.	64.	40.	96.	9.798	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/23/65-08/28/65	8	23.	22.875	25.	21.	1.839	1.356	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/23/65-08/28/65	6	8.35	8.283	8.6	8.	0.058	0.24	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	08/23/65-08/28/65	6	1.4	1.5	2.5	1.	0.328	0.573	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	08/23/65-08/28/65	5	9.	14.2	26.	6.	90.7	9.524	**	**	**	**
00400	PH (STANDARD UNITS)	08/23/65-08/28/65	6	7.	7.017	7.1	7.	0.002	0.041	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/23/65-08/28/65	6	7.	7.015	7.1	7.	0.002	0.041	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/23/65-08/28/65	6	0.1	0.097	0.1	0.079	0.	0.008	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/23/65-08/28/65	6	9.5	10.333	13.	9.	3.067	1.751	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	08/23/65-08/28/65	6	24.	28.5	59.	8.	312.3	17.672	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	08/23/65-08/28/65	6	3.5	3.167	4.	1.	1.367	1.169	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	08/23/65-08/28/65	6	3.	2.667	4.	1.	1.067	1.033	**	**	**	**
00545	RESIDUE, SETTLEABLE (ML/L)	08/23/65-08/28/65	6	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/23/65-08/26/65	2	12.	12.	15.	9.	18.	4.243	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/23/65-08/26/65	2	1.	1.	1.	1.	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	08/23/65-08/28/65	6	150.	150.333	230.	22.	5776.667	76.004	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	08/23/65-08/28/65	6	2.172	2.084	2.362	1.342	0.143	0.379	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			121.381								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/23/65-08/28/65	6	12.5	36.833	110.	2.	2116.567	46.006	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	08/23/65-08/28/65	6	1.067	1.179	2.041	0.301	0.468	0.684	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			15.092								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0500

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	6	0	0.00	6	0	0.00									
00400	PH	Fresh Chronic	9.	6	0	0.00	6	0	0.00									
		Other-Lo Lim.	6.5	6	0	0.00	6	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00	2	0	0.00									
		Drinking Water	250.	2	0	0.00	2	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: ROMO0500

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	6	0	0.00	6	0	0.00									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	6	0	0.00	6	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0501

NPS Station ID: ROMO0501 LAT/LON: 40.400004/-105.595838 Agency: 1117S030 Date Created: / /
Location: NATIONAL PK VILLAGE STP OUTFALL FIPS State/County: 08000 COLORADO/
Station Type: /TYPA/MUN/TREATD/OUTFL/STREAM STORET Station ID(s): 070745
RMI-Indexes: 1021500 009490 07090 1070 1540 1160 Within Park Boundary: Yes
RMI-Miles: 1149.40 0595.20 309.00 260.40 059.70 004.90
HUC: 10190006 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI RIVER Elevation: 0 Water Body Id:
Minor Basin: SOUTH PLATTE RIVER ECO Region:
RF1 Index: 10190006012 RF1 Mile Point: 4.600 Distance from RF1: 22.60 On/Off RF1: ON
RF3 Index: 10190007063000.00 RF3 Mile Point: 0.00 Distance from RF3: 0.39 On/Off RF3:
Description:
NATIONAL PARK VILLAGE SEWAGE TREATMENT PLANT OUTFALL PLANT DATA (FROM SOUTH PLATTE RIVER BASIN PROJECT STUDY JUL 1966)84
TYPE TREATMENT: SECONDARY (ACTIVATED SLUDGE) POPULATION SERVED: 300
AVERAGE FLOW: 0.01 MGD PLANT CAPACITY: 0.014 MGD
CHLORINATION FACILITIES: YES LOCATION: OUTFALL DISCHARGES TO FALL RIVER ADJACENT TO PLANT. VILLAGE IS
LOCATED 3 MILES N.W. OF ESTES PARK ADJACENT TO U.S. HWY 34 AND PROVIDES FACILITIES FOR TOURISTS.

Parameter Inventory for Station: ROMO0501

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/13/66-08/24/66	4	18.	17.75	20.	15.	4.917	2.217	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/13/66-08/24/66	4	575.	577.5	650.	510.	4237.667	65.097	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	07/13/66-08/24/66	4	111.	124.25	179.	96.	1392.917	37.322	**	**	**	**
00400	PH (STANDARD UNITS)	07/13/66-08/24/66	4	7.55	7.55	8.	7.1	0.137	0.37	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/13/66-08/24/66	4	7.547	7.437	8.	7.1	0.154	0.392	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/13/66-08/24/66	4	0.028	0.037	0.079	0.01	0.001	0.03	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/13/66-08/24/66	4	26.	25.75	34.	17.	48.25	6.946	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/13/66-08/24/66	4	25.5	25.	32.	17.	38.	6.164	**	**	**	**
00545	RESIDUE, SETTLEABLE (ML/L)	07/13/66-08/24/66	4 ##	0.05	0.063	0.1	0.05	0.001	0.025	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/13/66-08/24/66	4	1500000.	1232500.	1700000.	230000.	482225000000.	694424.222	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	07/13/66-08/24/66	4	6.172	5.984	6.23	5.362	0.175	0.419	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			964144.788								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/13/66-08/24/66	4	12000.	11200.	14000.	6800.	10160000.	3187.475	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/13/66-08/24/66	4	4.078	4.033	4.146	3.833	0.02	0.141	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			10801.728								
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	07/13/66-08/23/66	3	1.5	1.5	1.8	1.2	0.09	0.3	**	**	**	**
50050	FLOW, IN CONDUIT OR THRU A TREATMENT PLANT MGD	07/13/66-08/24/66	4	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
50084	BOD, PLANT EFFLUENT, 5 DAY, 20 DEG C MG/L	07/13/66-08/24/66	4	16.5	17.5	23.	14.	16.333	4.041	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0501

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	4	0	0.00	4	0	0.00									
		Other-Lo Lim.	6.5	4	0	0.00	4	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	4	4	1.00	4	4	1.00									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	4	4	1.00	4	4	1.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0502

NPS Station ID: ROMO0502 | LAT/LON: 40.400004/-105.640309 | Agency: 11NPSWRD | Date Created: 06/18/99
Location: 105407/C04076 | FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): ROMO_NURE_199 /1073822 /1118300
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006 | Depth of Water: 0 | Aquifer:
Major Basin: MISSOURI RIVER | Elevation: 0 | Water Body Id:
Minor Basin: SOUTH PLATTE RIVER | ECO Region:
RF1 Index: 10190006 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE TRAIL RIDGE CO 7.5' SERIES (TOPOGRAPHIC) QUAD. THE SITE IS AT A STREAM WITHIN ROCKY MOUNTAIN NATIONAL PARK (ROMO). EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN ONE WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE U.S. GEOLOGICAL SURVEY "NATIONAL GEOCHEMICAL DATA BASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND KIM BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. "UNIQID" ENTRIES WERE USED TO CREATE THE SECONDARY STATION NAMES. "LASLID" ENTRIES WERE USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LABORATORY. FOR MORE INFORMATION ABOUT THE PARK CONTACT NATURAL RESOURCES AT ROMO; ESTES PARK; CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AT NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS; CO 80525 (TEL. 970-225-3556).

Parameter Inventory for Station: ROMO0502

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/23/76-09/23/76	1	13.8	13.8	13.8	13.8	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/23/76-09/23/76	1	23.	23.	23.	23.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/23/76-09/23/76	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/23/76-09/23/76	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/23/76-09/23/76	1	0.398	0.398	0.398	0.398	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/23/76-09/23/76	1	1.82	1.82	1.82	1.82	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0502

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0503

NPS Station ID: ROMO0503
LAT/LON: 40.400004/-105.645838
Agency: 1117S030
Date Created: / /
Location: HIDDEN VALLEY STP OUTFALL
FIPS State/County: 08000 COLORADO/
Station Type: /TYPA/MUN/TREATD/OUTFL/STREAM
STORET Station ID(s): 070655
RMI-Indexes: 1021500 009490 07090 1070 1540 1160 0050
Within Park Boundary: Yes
RMI-Miles: 1149.40 0595.20 309.00 260.40 059.70 006.40 03.10
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006012
RF1 Mile Point: 7.760
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index: 10190005001206.73
RF3 Mile Point: 6.73
Distance from RF3: 0.14
On/Off RF3:
Description:
HIDDEN VALLEY SKI AREA SEWAGE TREATMENT PLANT OUTFALL PLANT DATA (FROM SOUTH PLATTE RIVER BASIN PROJECT STUDY JUL 1966)
TYPE TREATMENT: PRIMARY (SEPTIC TANKS AND SAND FILTERS) CHLORINATION FACILITIES: YES
LOCATION: OUTFALL DISCHARGES TO HIDDEN VALLEY CREEK ADJACENT TO PLANT. SKI AREA FACILITIES ARE LOCATED IN ROCKY MT NATIONAL PARK NEAR U.S. HWY 34 ABOUT 3.5 MILES WEST OF FALL RIVER ENTRANCE. RESTAURANT AND SANITARY FACILITIES OPEN ALL YEAR.

Parameter Inventory for Station: ROMO0503

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/13/66-08/24/66	4	11.5	12.75	17.	11.	8.25	2.872	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/13/66-08/24/66	4	485.	484.	537.	429.	2908.	53.926	**	**	**	**
00340	COD, .25N K2CR2O7 MG/L	07/13/66-08/24/66	4	73.	70.	92.	42.	509.333	22.568	**	**	**	**
00400	PH (STANDARD UNITS)	07/13/66-08/24/66	4	7.05	7.	7.2	6.7	0.047	0.216	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/13/66-08/24/66	4	7.047	6.957	7.2	6.7	0.049	0.222	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/13/66-08/24/66	4	0.09	0.111	0.2	0.063	0.004	0.061	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/13/66-08/24/66	4	11.5	12.25	18.	8.	21.583	4.646	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	07/13/66-08/24/66	4	6.5	7.	9.	6.	2.	1.414	**	**	**	**
00545	RESIDUE, SETTLEABLE (ML/L)	07/13/66-08/24/66	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	07/13/66-08/24/66	4	3.5	4.75	11.	1.	20.25	4.5	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	07/13/66-08/24/66	4	0.5	0.51	1.041	0.	0.207	0.455	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			3.239								
31615	FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/13/66-08/24/66	4 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
31615	LOG FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	07/13/66-08/24/66	4 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
31615	GM FECAL COLIFORM,MPN,EC MED,44.5C (TUBE 31614)	GEOMETRIC MEAN =			1.								
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	07/13/66-08/23/66	3	0.4	0.5	0.7	0.4	0.03	0.173	**	**	**	**
50050	FLOW, IN CONDUIT OR THRU A TREATMENT PLANT MGD	07/13/66-08/24/66	4	0.014	0.014	0.014	0.014	0.	0.	**	**	**	**
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	07/14/66-07/14/66	1	3.	3.	3.	3.	0.	0.	**	**	**	**
50084	BOD, PLANT EFFLUENT, 5 DAY, 20 DEG C MG/L	08/23/66-08/24/66	2	42.	42.	50.	34.	128.	11.314	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0503

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	4	0	0.00	4	0	0.00									
		Other-Lo Lim.	6.5	4	0	0.00	4	0	0.00									
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	4	0	0.00	4	0	0.00									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	4	0	0.00	4	0	0.00									
50060	CHLORINE, TOTAL RESIDUAL	Fresh Acute	0.019	1	1	1.00	1	1	1.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0504

NPS Station ID: ROMO0504 LAT/LON: 40.400754/-105.601838 Agency: 11NPSWRD Date Created: 06/12/99
Location: FALL RIVER AT THE EAST END OF HORSESHOE PARK FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): ROMO_JR_CAP11
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI RIVER Elevation: 0 Water Body Id:
Minor Basin: SOUTH PLATTE RIVER ECO Region:
RF1 Index: 10190006 RF1 Mile Point: 0.000 Distance from RF1: 12.40 On/Off RF1:
RF3 Index: 10190007002218.40 RF3 Mile Point: 18.39 Distance from RF3: 0.57 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE ESTES PARK CO 7.5' SERIES (TOPO.) QUADRANGLE. THE SITE IS LOCATED AT THE FALL RIVER AT THE EAST END OF HORSESHOE PARK AND IS WITHIN ROCKY MOUNTAIN NATIONAL PARK. THE DATA ARE FROM ANNUAL CAPSHELL SNAIL MONITORING PROGRAM REPORTS BY JOHN RIEBESELL OF THE DEPARTMENT OF NATURAL RESOURCES AT THE UNIVERSITY OF MICHIGAN IN DEARBORN MI. TTHE REPORTS SUMMARIZED POPULATION DATA AND WATER QUALITY CHARACTERISTICS OF THE HABITAT OF CAPSHELL SNAILS; A CANDIDATE FOR LISTING UNDER THE FEDERAL ENDANGERED SPECIES ACT. FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0504

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/28/96-06/28/96	1	8.8	8.8	8.8	8.8	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: ROMO0505

NPS Station ID: ROMO0505 LAT/LON: 40.401392/-105.603310 Agency: 11NPSWRD Date Created: 06/18/99
Location: 105798/C04278 FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): ROMO_NURE_206 /1073984 /1118462
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI RIVER Elevation: 0 Water Body Id:
Minor Basin: SOUTH PLATTE RIVER ECO Region:
RF1 Index: 10190006 RF1 Mile Point: 0.000 Distance from RF1: 12.40 On/Off RF1:
RF3 Index: 10190007002218.40 RF3 Mile Point: 18.39 Distance from RF3: 0.57 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE ESTES PARK CO 7.5' SERIES (TOPO.) QUAD. THE SITE IS AT A STREAM IN ROCKY MOUNTAIN NATIONAL PARK (ROMO). EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN ONE WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE U.S. GEOLOGICAL SURVEY "NATIONAL GEOCHEMICAL DATA BASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND KIM BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. "UNIQID" ENTRIES WERE USED TO CREATE THE SECONDARY STATION NAMES. "LASLID" ENTRIES WERE USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LABORATORY. FOR MORE INFORMATION ABOUT THE PARK CONTACT NATURAL RESOURCES AT ROMO; ESTES PARK; CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AT NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS; CO 80525 (TEL. 970-225-3556).

Parameter Inventory for Station: ROMO0505

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/22/76-09/22/76	1	10.5	10.5	10.5	10.5	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/22/76-09/22/76	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/22/76-09/22/76	1	6.3	6.3	6.3	6.3	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/22/76-09/22/76	1	6.3	6.3	6.3	6.3	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/22/76-09/22/76	1	0.501	0.501	0.501	0.501	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/22/76-09/22/76	1	0.48	0.48	0.48	0.48	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0505

Parameter				Total	Exceed	Prop.	----------6/10-10/31----------			----------11/01-4/10----------			----------4/11-6/09----------			--------------n/a--------------		
		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0506

NPS Station ID: ROMO0506
LAT/LON: 40.401531/-105.606310
Agency: 11NPSWRD
Date Created: 04/03/99
Location: FALL RIVER 4
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_NPS_FR4
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
THE STATION IS LOCATED AT THE ESTES PARK CO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT THE FALL RIVER BETWEEN CASCADE LAKE AND THE HIDDEN VALLEY CREEK CONFLUENCE AND IS WITHIN ROCKY MOUNTAIN NATIONAL PARK. THE DATA ARE FROM A BASELINE WATER QUALITY STUDY REPORT (OCTOBER 1981) BY LISA BUINSMA OF COLORADO STATE UNIVERSITY; LOCATED IN FORT COLLINS CO. BASELINE WATER QUALITY DATA WERE COLLECTED FROM THE BIG THOMPSON AND FALL RIVERS; TWO LARGE AND HEAVILY USED WATERSHEDS IN ROCKY MOUNTAIN NATIONAL PARK; IN ORDER TO ASSESS WATER QUALITY IN THE TWO WATERSHEDS AND DETERMINE THE NEED FOR FUTURE MONITORING. FOR MORE INFORMATION ABOUT THE PARK CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: ROMO0506

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/21/81-08/24/81	16	13.	13.25	17.	10.	3.933	1.983	10.7	12.	14.75	16.3
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/21/81-08/24/81	16	83.	110.375	280.	14.	6173.717	78.573	28.7	47.	141.5	275.8
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	07/21/81-08/24/81	16	1.919	1.931	2.447	1.146	0.118	0.343	1.425	1.666	2.151	2.441
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			85.367								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	07/21/81-08/24/81	16	6.	8.625	28.	0.	49.05	7.004	2.1	4.	12.75	19.6
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	07/21/81-08/24/81	16	0.772	0.812	1.447	0.	0.128	0.358	0.334	0.602	1.105	1.277
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			6.491								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	07/21/81-08/24/81	12	1054.	1136.667	1920.	620.	183210.424	428.031	626.	860.	1442.5	1902.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	07/21/81-08/24/81	12	3.023	3.029	3.283	2.792	0.025	0.158	2.797	2.934	3.156	3.279
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			1068.599								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0506

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	16	0	0.00	16	0	0.00									
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	16	0	0.00	16	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0507

NPS Station ID: ROMO0507 | LAT/LON: 40.401559/-105.604143 | Agency: 11NPSWRD | Date Created: 07/03/99
Location: FALL RIVER BELOW HORSESHOE PARK | FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): ROMO_NJ_FR8
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006 | Depth of Water: 0 | Aquifer:
Major Basin: MISSOURI RIVER | Elevation: 0 | Water Body Id:
Minor Basin: SOUTH PLATTE RIVER | ECO Region:
RF1 Index: 10190006 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE ESTES PARK CO. 7.5' (TOPOGRAPHICAL) SERIES QUADRANGLE. THE SITE IS AT FALL RIVER BELOW HORSESHOE PARK AND IS LOCATED IN ROCKY MOUNTAIN NATIONAL PARK. THE DATA WERE COLLECTED BY NANCY JACOBSON TO CONTINUE THE BASELINE WATER QUALITY MONITORING PROGRAMS FOR THE BIG THOMPSON AND FALL RIVERS; AND TO ASSESS PRESENT HUMAN IMPACTS TO BIOLOGICAL PARAMETERS OF WATER QUALITY IN BOULDER BROOK. ONLY TEMPERATURE AND BACTERIOLOGICAL RESULTS WERE AVAILABLE AT THE TIME OF REPORT WRITING. FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0507

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/26/82-08/16/82	14	10.	9.393	16.	2.	16.853	4.105	3.	5.75	11.5	15.75
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	05/26/82-08/16/82	12	670.	1046.417	3000.	16.	1047315.538	1023.384	22.6	189.5	1882.5	2784.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	05/26/82-08/16/82	12	2.799	2.656	3.477	1.204	0.539	0.734	1.317	2.277	3.275	3.441
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			452.893								
61214	FECAL STREPTOCOCCI, GENERAL #/100ML	05/26/82-08/16/82	14	68.	358.643	1750.	12.	359017.786	599.181	18.5	28.5	415.	1725.
61215	FECAL COLIFORM, GENERAL #/100ML	05/26/82-08/16/82	12	1.5	1.833	5.	0.	3.061	1.749	0.	0.	3.	4.7

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0507

				Total	Exceed	Prop.	6/10-10/31			11/01-4/10			4/11-6/09			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	12	5	0.42	8	3	0.38				4	2	0.50			
61215	FECAL COLIFORM, GENERAL #/100ML	Other-Hi	Lim.	200.			12	0		0.00		8		0	0	.00		

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0508

NPS Station ID: ROMO0508
LAT/LON: 40.404448/-105.620560
Agency: 112WRD
Date Created: 01/07/89
Location: SHEEP LAKE
FIPS State/County: 08013 COLORADO/BOULDER
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 402416105371400
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC:
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 1.80
On/Off RF1:
RF3 Index: 10190006001115.71
RF3 Mile Point: 15.71
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0508

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	07/09/87-07/17/87	6	2.	2.	2.	2.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/09/87-07/17/87	3	18.2	18.133	18.2	18.	0.013	0.115	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	07/09/87-07/17/87	6	34.	37.667	47.	32.	53.067	7.285	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/09/87-07/17/87	6	178.	178.667	182.	176.	7.467	2.733	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	07/09/87-07/17/87	3	7.5	7.4	7.5	7.2	0.03	0.173	**	**	**	**
00400	PH (STANDARD UNITS)	07/09/87-07/17/87	3	9.05	9.24	9.67	9.	0.139	0.373	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/09/87-07/17/87	3	9.05	9.154	9.67	9.	0.15	0.388	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/09/87-07/17/87	3	0.001	0.001	0.001	0.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/09/87-07/17/87	6	8.5	8.467	9.4	7.5	0.723	0.85	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/09/87-07/17/87	6	8.5	7.931	9.4	7.5	1.067	1.033	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/09/87-07/17/87	6	0.003	0.012	0.032	0.	0.	0.015	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/09/87-07/17/87	6 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/09/87-07/17/87	6	12.	11.333	12.	10.	1.067	1.033	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/09/87-07/17/87	6	7.8	7.733	7.9	7.5	0.035	0.186	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/09/87-07/17/87	6	17.	17.333	18.	17.	0.267	0.516	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/09/87-07/17/87	6	2.	2.233	3.2	1.5	0.611	0.781	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/09/87-07/17/87	6	2.	2.	2.	2.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/09/87-07/17/87	6	12.	15.	23.	10.	39.2	6.261	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/09/87-07/17/87	6	1.4	1.433	1.5	1.4	0.003	0.052	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/09/87-07/17/87	6	0.3	0.267	0.3	0.2	0.003	0.052	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/09/87-07/17/87	6	380.	353.333	490.	190.	18426.667	135.745	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/09/87-07/17/87	6	10.	10.333	13.	8.	5.067	2.251	**	**	**	**
71870	BROMIDE (MG/L AS BR)	07/09/87-07/17/87	6 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0508

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	3	0	0.00	3	0	0.00									
00400	PH	Fresh Chronic	9.	3	3	1.00	3	3	1.00									
		Other-Lo Lim.	6.5	3	0	0.00	3	0	0.00									
00403	PH, LAB	Fresh Chronic	9.	6	2	0.33	6	2	0.33									
		Other-Lo Lim.	6.5	6	0	0.00	6	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: ROMO0508

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	6	0	0.00	6	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	6	0	0.00	6	0	0.00									
		Drinking Water	250.	6	0	0.00	6	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	6	0	0.00	6	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	6	0	0.00	6	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0509

NPS Station ID: ROMO0509 LAT/LON: 40.404503/-105.624810 Agency: 11NPSWRD Date Created: 03/27/99
Location: FALL RIVER AT US HWY 34 IN HORSESHOE PARK FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): ROMO_NPS_FLD_5
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI RIVER Elevation: 8520 Water Body Id:
Minor Basin: SOUTH PLATTE RIVER ECO Region:
RF1 Index: 10190006 RF1 Mile Point: 0.000 Distance from RF1: 12.40 On/Off RF1:
RF3 Index: 10190007002218.40 RF3 Mile Point: 18.39 Distance from RF3: 0.57 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE ESTES PARK; CO 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT FALL RIVER AT ITS INTERSECTION WITH U.S. HIGHWAY 34 IN HORSESHOE PARK. THE STATION IS INSIDE THE ALLUVIAL FAN FORMED BY THE LAWN LAKE FLOOD OF 1982. THE STATION IS INSIDE ROCKY MOUNTAIN NATIONAL PARK AND WAS USED TO MONITOR WATER CHEMISTRY FOR THE 1993 REPORT "COLONIZATION OF THE LAWN LAKE ALLUVIAL FAN BY AMPHIBIANS: POTENTIAL EFFECTS OF BIOTIC AND ABIOTIC FACTORS" BY LINDA C. ZIMMERMAN AND C. RICHARD TRACY OF COLORADO STATE UNIVERSITY; DEPARTMENT OF BIOLOGY; FORT COLLINS CO 80523. FOR MORE INFORMATION CONTACT RESOURCE MANAGEMENT AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517-8379. TEL. 970-586-1206. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADAM HENSON; NATIONAL PARK SERVICE-WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525. TEL. 970-225-3516. FAX 970-225-9965

Parameter Inventory for Station: ROMO0509

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/03/85-07/21/87	9	10.	9.444	15.	5.	9.278	3.046	5.	7.	11.5	15.
00300	OXYGEN, DISSOLVED MG/L	05/03/85-07/21/87	9	5.	4.889	6.	4.	0.361	0.601	4.	4.5	5.	6.
00405	CARBON DIOXIDE (MG/L AS CO2)	05/03/85-07/21/87	9	29.	30.889	55.	14.	141.611	11.9	14.	22.5	37.5	55.
00406	PH, FIELD, STANDARD UNITS SU	05/03/85-07/21/87	9	6.5	6.667	7.5	6.	0.25	0.5	6.	6.25	7.	7.5
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/03/85-07/21/87	9	6.5	6.438	7.5	6.	0.309	0.556	6.	6.25	7.	7.5
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/03/85-07/21/87	9	0.316	0.364	1.	0.032	0.142	0.377	0.032	0.1	0.658	1.
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/03/85-07/21/87	9	10.	27.889	173.	6.	2967.361	54.473	6.	8.	13.5	173.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/03/85-07/21/87	9	0.5	0.422	0.6	0.1	0.022	0.148	0.1	0.35	0.5	0.6
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/03/85-07/18/86	6	5.	4.5	5.	3.	0.7	0.837	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	05/03/85-07/21/87	9	0.29	1.131	8.	0.	6.729	2.594	0.	0.	0.66	8.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0509

				Total	Exceed	Prop.	----------6/10-10/31----------			----------11/01-4/10----------			----------4/11-6/09----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	9	2	0.22	5	2	0.40				4	0	0.00			
00406	PH, FIELD	Fresh Chronic	9.	9	0	0.00	5	0	0.00				4	0	0.00			
		Other-Lo Lim.	6.5	9	5	0.56	5	1	0.20				4	4	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: ROMO0509

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00620 NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	6	0	0.00	3	0	0.00				3	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0510

NPS Station ID: ROMO0510
LAT/LON: 40.404559/-105.624810
Agency: 11NPSWRD
Date Created: 08/21/99
Location: Fall River at U.S. Hwy. 34 - Old NPS Gage
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_JS_FALLR
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 2597
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the Estes Park CO 7.5' (topographic) series quadrangle in Rocky Mountain National Park. The station is located at an old NPS gage at the intersection of Fall River and U.S. Highway 34. The data originated from a University of Colorado dissertation entitled "Isotopic and Chemical Flowpath Separation of Streamflow During Snowmelt and Hydrogeological Controls of Surface-Water Chemistry in Six Alpine-Subalpine Basins; Rocky Mountain National Park; Colorado" 1996 by Julie K. Sueker. Sueker also contributed other data that weren't included in her dissertation. For more information about the data; contact Julie K. Sueker; Exponent Environmental Group; 4940 Pearl East Circle Ste. 300; Boulder CO 80301 (Tel. 970-444-7270). For information on the park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 97 -586-1206). Data were uploaded to STORET by Margaret Matter; NPS-WRD; 1201 Oak Ridge Dr. Ste. 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0510

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	03/10/94-11/01/94	24	19.5	20.75	39.	14.	34.37	5.863	15.5	17.	22.5	30.5
00403	PH, LAB, STANDARD UNITS SU	03/10/94-11/01/94	24	7.1	7.071	7.3	6.8	0.019	0.137	6.85	7.	7.2	7.25
00403	CONVERTED PH, LAB, STANDARD UNITS	03/10/94-11/01/94	24	7.1	7.05	7.3	6.8	0.019	0.138	6.85	7.	7.2	7.25
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/10/94-11/01/94	24	0.079	0.089	0.158	0.05	0.001	0.03	0.057	0.063	0.1	0.142
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	03/10/94-11/01/94	24	125.3	143.642	314.8	89.4	3037.667	55.115	95.15	104.025	169.075	231.
00941	CHLORIDE, DISSOLVED IN WATER MG/L	03/10/94-11/01/94	24	0.2	0.245	0.9	0.08	0.043	0.207	0.095	0.1	0.375	0.55
00946	SULFATE, DISSOLVED (MG/L AS SO4)	03/10/94-11/01/94	24	1.4	1.563	2.8	1.1	0.138	0.372	1.3	1.3	1.8	2.05
00955	SILICA, DISSOLVED (MG/L AS SI02)	03/10/94-11/01/94	24	4.2	4.9	9.	3.6	2.453	1.566	3.75	3.825	5.325	8.1
46552	CALCIUM,FIELD ACIDIFIED W/HNO3 LAB FILTER(MG/L)	03/10/94-11/01/94	24	1.765	1.945	3.35	1.42	0.266	0.516	1.485	1.623	2.1	2.92
46554	MAGNESIUM,FIELD ACIDIFIED-HNO3-LAB FILT(MG/L-MG)	03/10/94-11/01/94	24	0.49	0.55	1.09	0.4	0.033	0.181	0.41	0.433	0.6	0.89
46555	POTASSIUM,FIELD ACIDIFIED-HNO3-LAB FILT.(MG/L-K))	03/10/94-11/01/94	24	0.325	0.367	0.93	0.22	0.024	0.154	0.245	0.28	0.4	0.575
46556	SODIUM, FIELD ACIDIFIED W/HNO3, LAB FILTERED MG/L	03/10/94-11/01/94	24	0.915	1.065	1.92	0.69	0.134	0.365	0.73	0.783	1.28	1.735
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	03/10/94-11/01/94	24	0.2	0.264	0.6	0.06	0.029	0.171	0.09	0.125	0.45	0.55

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0510

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	24	0	0.00	15	0	0.00	3	0	0.00	6	0	0.00			
		Other-Lo Lim.	6.5	24	0	0.00	15	0	0.00	3	0	0.00	6	0	0.00			
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	24	22	0.92	15	15	1.00	3	1	0.33	6	6	1.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	24	0	0.00	15	0	0.00	3	0	0.00	6	0	0.00			
		Drinking Water	250.	24	0	0.00	15	0	0.00	3	0	0.00	6	0	0.00			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	24	0	0.00	15	0	0.00	3	0	0.00	6	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	24	0	0.00	15	0	0.00	3	0	0.00	6	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0511

NPS Station ID: ROMO0511 LAT/LON: 40.404727/-105.627893 Agency: 11NPSWRD Date Created: 03/27/99
Location: UNNAMED POND(C)-OUTSIDE ALLUVIAL FAN FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): ROMO_NPS_FLD_6
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI RIVER Elevation: 8540 Water Body Id:
Minor Basin: SOUTH PLATTE RIVER ECO Region:
RF1 Index: 10190006 RF1 Mile Point: 0.000 Distance from RF1: 12.40 On/Off RF1:
RF3 Index: 10190007002218.40 RF3 Mile Point: 18.39 Distance from RF3: 0.57 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE TRAIL RIDGE; CO 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT AN UNNAMED POND(C) OUTSIDE THE ALLUVIAL FAN FORMED BY THE LAWN LAKE FLOOD OF 1982. THE STATION IS INSIDE ROCKY MOUNTAIN NATIONAL PARK AND WAS USED TO MONITOR WATER CHEMISTRY FOR THE 1993 REPORT "COLONIZATION OF THE LAWN LAKE ALLUVIAL FAN BY AMPHIBIANS: POTENTIAL EFFECTS OF BIOTIC AND ABIOTIC FACTORS" BY LINDA C. ZIMMERMAN AND C. RICHARD TRACY OF COLORADO STATE UNIVERSITY; DEPARTMENT OF BIOLOGY; FORT COLLINS CO 80523. FOR MORE INFORMATION CONTACT RESOURCE MANAGEMENT AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517-8379. TEL. 970-586-1206. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADAM HENSON; NATIONAL PARK SERVICE-WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525
TEL. 970-225-3516; FAX 970-225-9965.

Parameter Inventory for Station: ROMO0511

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/06/85-06/23/87	7	20.	20.	25.	13.	22.333	4.726	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/03/85-06/23/87	8	2.	3.063	8.	1.	5.746	2.397	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	05/03/85-06/23/87	8	60.	59.5	90.	20.	639.143	25.281	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	05/03/85-06/23/87	8	7.	6.625	7.	6.	0.268	0.518	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/03/85-06/23/87	8	7.	6.359	7.	6.	0.349	0.591	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/03/85-06/23/87	8	0.1	0.438	1.	0.1	0.217	0.466	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/03/85-06/23/87	8	76.5	69.75	120.	4.	1489.643	38.596	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/03/85-06/23/87	8	1.65	1.85	2.8	1.4	0.277	0.526	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/03/85-07/18/86	6	5.	5.	7.	4.	1.2	1.095	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	05/03/85-06/23/87	8	3.6	4.7	14.2	0.	17.414	4.173	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0511

Parameter				Total	Exceed	Prop.	6/10-10/31			11/01-4/10			4/11-6/09			n/a		
		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	8	6	0.75	4	3	0.75				4	3	0.75			
00406	PH, FIELD	Fresh Chronic	9.	8	0	0.00	4	0	0.00				4	0	0.00			
		Other-Lo Lim.	6.5	8	3	0.38	4	1	0.25				4	2	0.50			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: ROMO0511

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	6	0	0.00	3	0	0.00				3	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0512

NPS Station ID: ROMO0512 | LAT/LON: 40.405837/-105.626031 | Agency: 11NPSWRD | Date Created: 04/03/99
Location: FALL RIVER 3 | FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): ROMO_NPS_FR3
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006 | Depth of Water: 0 | Aquifer:
Major Basin: MISSOURI RIVER | Elevation: 0 | Water Body Id:
Minor Basin: SOUTH PLATTE RIVER | ECO Region:
RF1 Index: 10190006 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED AT THE TRAIL RIDGE CO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT THE FALL RIVER BETWEEN THE ROARING FORK AND THE HIDDEN VALLEY CREEK CONFLUENCE AND IS WITHIN ROCKY MOUNTAIN NATIONAL PARK. THE DATA ARE FROM A BASELINE WATER QUALITY STUDY REPORT (OCTOBER 1981) BY LISA BUINSMA OF COLORADO STATE UNIVERSITY; FORT COLLINS CO. BASELINE WATER QUALITY DATA WERE COLLECTED FROM THE BIG THOMPSON AND FALL RIVERS; WHICH ARE HEAVILY USED WATERSHEDS IN THE PARK. THE STUDY WAS CONDUCTED IN ORDER TO ASSESS THE QUALITY OF WATER IN THE TWO WATERSHEDS AND THE NEED FOR FUTURE MONITORING. FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 800517 (970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: ROMO0512

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/21/81-08/24/81	16	12.	12.188	16.	9.	4.563	2.136	9.7	10.25	13.75	16.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/21/81-08/24/81	16	73.5	77.188	140.	16.	1505.763	38.804	25.8	39.5	111.5	137.2
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	07/21/81-08/24/81	16	1.866	1.82	2.146	1.204	0.074	0.272	1.395	1.592	2.047	2.137
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			66.076								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	07/21/81-08/24/81	16	4.	6.625	21.	0.	32.117	5.667	1.4	3.	10.5	16.1
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	07/21/81-08/24/81	16	0.602	0.686	1.322	0.	0.134	0.366	0.211	0.477	1.02	1.199
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			4.851								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	07/21/81-08/24/81	12	1234.	1157.5	1680.	530.	141547.545	376.228	545.	861.25	1400.5	1674.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	07/21/81-08/24/81	12	3.091	3.038	3.225	2.724	0.027	0.164	2.736	2.935	3.146	3.224
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			1091.387								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0512

				Total	Exceed	Prop.	----------6/10-10/31----------			----------11/01-4/10----------			----------4/11-6/09----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	16	0	0.00	16	0	0.00									
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	16	0	0.00	16	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0513

NPS Station ID: ROMO0513
LAT/LON: 40.406393/-105.847504
Agency: 112WRD
Date Created: 08/30/76
Location: PHANTOM VALLEY CG
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 402423105505100
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14010001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14010001
RF1 Mile Point: 0.000
Distance from RF1: 4.30
On/Off RF1:
RF3 Index: 10190005000300.00
RF3 Mile Point: 0.79
Distance from RF3: 0.06
On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0513

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/05/74-08/05/74	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/05/74-08/05/74	1	76.	76.	76.	76.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/05/74-08/05/74	1	31.	31.	31.	31.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/05/74-08/05/74	1	38.	38.	38.	38.	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/05/74-08/05/74	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/05/74-08/05/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/05/74-08/05/74	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/05/74-08/05/74	1	37.	37.	37.	37.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/05/74-08/05/74	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/05/74-08/05/74	1	9.3	9.3	9.3	9.3	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/05/74-08/05/74	1	3.4	3.4	3.4	3.4	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/05/74-08/05/74	1	2.7	2.7	2.7	2.7	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/05/74-08/05/74	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	08/05/74-08/05/74	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/05/74-08/05/74	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/05/74-08/05/74	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/05/74-08/05/74	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/05/74-08/05/74	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/05/74-08/05/74	1	7.	7.	7.	7.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/05/74-08/05/74	1	150.	150.	150.	150.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/05/74-08/05/74	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/05/74-08/05/74	1	57.	57.	57.	57.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/05/74-08/05/74	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0513

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0514

NPS Station ID: ROMO0514
LAT/LON: 40.406781/-105.640532
Agency: 11NPSWRD
Date Created: 06/12/99
Location: HORSESHOE PARK LAKE #3
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): ROMO_USFW_HP3
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE TRAIL RIDGE CO 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT HORSESHOE PARK LAKE #3 ON THE SOUTH SIDE OF FALL RIVER AND IS WITHIN THE BOUNDARIES OF ROCKY MOUNTAIN NATIONAL PARK. THE DATA ARE FROM A REPORT BY F.A. VERTUCCI AND PAUL STEPHEN CORN; "EVALUATION OF EPISODIC ACIDIFICATION AND AMPHIBIAN DECLINES IN THE ROCKY MOUNTAINS;" 1996. THIS STUDY WAS FUNDED BY THE U.S. FISH AND WILDLIFE SERVICE TO DETERMINE THE EFFECTS OF ACID PRECIPITATION ON POND-BREEDING AMPHIBIANS IN THE WESTERN UNITED STATES. RESULTS OF THIS STUDY SHOWED NO CONCLUSIVE EVIDENCE THAT EPISODIC ACIDIFICATION IS THE CAUSE OF OBSERVED DECLINES IN AMPHIBIAN POPULATIONS. FOR MORE INFORMATION ON THE PARK CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517-8397 (970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: ROMO0514

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00154	SULFATE (AS S) WHOLE WATER, MG/L	06/01/88-06/16/88	3	0.14	0.115	0.2	0.005	0.01	0.1	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/01/88-06/16/88	3	6.9	6.733	6.9	6.4	0.083	0.289	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/01/88-06/16/88	3	6.9	6.664	6.9	6.4	0.09	0.301	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/01/88-06/16/88	3	0.126	0.217	0.398	0.126	0.025	0.157	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/01/88-06/16/88	3	0.01	0.015	0.03	0.005	0.	0.013	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/01/88-06/16/88	3	0.07	0.163	0.35	0.07	0.026	0.162	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/01/88-06/16/88	3	0.09	0.11	0.15	0.09	0.001	0.035	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	06/01/88-06/16/88	3	6.5	6.367	8.	4.6	2.903	1.704	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	06/01/88-06/16/88	3	1.8	1.767	2.2	1.3	0.203	0.451	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	06/01/88-06/16/88	3	0.84	0.717	0.93	0.38	0.087	0.295	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/01/88-06/16/88	3	0.3	0.367	0.5	0.3	0.013	0.115	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	06/01/88-06/16/88	3	18.6	19.433	21.2	18.5	2.343	1.531	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	06/01/88-06/16/88	3	50.	50.	70.	30.	400.	20.	**	**	**	**
61765	ANC (ACID NEUTRALIZING CAPABILITY) UEG/L	06/01/88-06/16/88	3	626.	612.667	721.	491.	13358.333	115.578	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0514

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00154	SULFATE (AS S) WHOLE WATER	Drinking Water	250.	3	0	0.00	1	0	0.00				2	0	0.00			
00403	PH, LAB	Fresh Chronic	9.	3	0	0.00	1	0	0.00				2	0	0.00			
		Other-Lo Lim.	6.5	3	1	0.33	1	1	1.00				2	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	3	0	0.00	1	0	0.00				2	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	3	0	0.00	1	0	0.00				2	0	0.00			
		Drinking Water	250.	3	0	0.00	1	0	0.00				2	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0515

NPS Station ID: ROMO0515 | LAT/LON: 40.407198/-105.626698 | Agency: 11NPSWRD | Date Created: 06/18/99
Location: 105799/C04279 | FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): ROMO_NURE_192 /1073985 /1118463
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006 | Depth of Water: 0 | Aquifer:
Major Basin: MISSOURI RIVER | Elevation: 0 | Water Body Id:
Minor Basin: SOUTH PLATTE RIVER | ECO Region:
RF1 Index: 10190006 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE TRAIL RIDGE CO 7.5' SERIES (TOPOGRAPHIC) QUAD. THE SITE IS AT A STREAM WITHIN ROCKY MOUNTAIN NATIONAL PARK (ROMO). EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN ONE WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE U.S. GEOLOGICAL SURVEY "NATIONAL GEOCHEMICAL DATA BASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND KIM BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. "UNIQID" ENTRIES WERE USED TO CREATE THE SECONDARY STATION NAMES. "LASLID" ENTRIES WERE USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LABORATORY. FOR MORE INFORMATION ABOUT THE PARK CONTACT NATURAL RESOURCES AT ROMO; ESTES PARK; CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AT NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS; CO 80525 (TEL. 970-225-3556).

Parameter Inventory for Station: ROMO0515

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/22/76-09/22/76	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/22/76-09/22/76	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/22/76-09/22/76	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/22/76-09/22/76	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/22/76-09/22/76	1	0.251	0.251	0.251	0.251	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/22/76-09/22/76	1	0.28	0.28	0.28	0.28	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0515

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0516

NPS Station ID: ROMO0516
LAT/LON: 40.407198/-105.849392
Agency: 11NPSWRD
Date Created: 06/18/99
Location: 106077/C04508
FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_NURE_221 /1074161 /1118639
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14010001
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 0
Water Body Id:
Minor Basin: UPPER COLORADO RIVER
ECO Region:
RF1 Index: 14010001
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE FALL RIVER PASS CO 7.5' SERIES (TOPO.) QUAD. THE SITE IS AT A STREAM WITHIN ROCKY MOUNTAIN NATIONAL PARK (ROMO). EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN ONE WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE U.S. GEOLOGICAL SURVEY "NATIONAL GEOCHEMICAL DATA BASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND KIM BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. "UNIQID" ENTRIES WERE USED TO CREATE THE SECONDARY STATION NAMES. "LASLID" ENTRIES WERE USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LABORATORY. FOR MORE INFORMATION ABOUT THE PARK CONTACT NATURAL RESOURCES AT ROMO; ESTES PARK; CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AT NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS; CO 80525 (TEL. 970-225-3556).

Parameter Inventory for Station: ROMO0516

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/23/76-09/23/76	1	10.4	10.4	10.4	10.4	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/23/76-09/23/76	1	38.	38.	38.	38.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/23/76-09/23/76	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/23/76-09/23/76	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/23/76-09/23/76	1	0.251	0.251	0.251	0.251	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/23/76-09/23/76	1	1.99	1.99	1.99	1.99	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0516

Parameter				Total	Exceed	Prop.	6/10-10/31			11/01-4/10			4/11-6/09			n/a		
		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0517

NPS Station ID: ROMO0517 LAT/LON: 40.407365/-105.628616 Agency: 11NPSWRD Date Created: 03/27/99
Location: UNNAMED POND Q-LAWN LAKE ALLUVIAL FAN FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): ROMO_NPS_FLD_4
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI RIVER Elevation: 8540 Water Body Id:
Minor Basin: SOUTH PLATTE RIVER ECO Region:
RF1 Index: 10190006 RF1 Mile Point: 0.000 Distance from RF1: 12.40 On/Off RF1:
RF3 Index: 10190007002218.40 RF3 Mile Point: 18.39 Distance from RF3: 0.57 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE TRAIL RIDGE; CO 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT AN UNNAMED POND(Q) INSIDE THE ALLUVIAL FAN FORMED BY THE LAWN LAKE FLOOD OF 1982. THE STATION IS INSIDE ROCKY MOUNTAIN NATIONAL PARK AND WAS USED TO MONITOR WATER CHEMISTRY FOR THE 1993 REPORT "COLONIZATION OF THE LAWN LAKE ALLUVIAL FAN BY AMPHIBIANS: POTENTIAL EFFECTS OF BIOTIC AND ABIOTIC FACTORS" BY LINDA C. ZIMMERMAN AND C. RICHARD TRACY OF COLORADO STATE UNIVERSITY; DEPARTMENT OF BIOLOGY; FORT COLLINS CO 80523. FOR MORE INFORMATION CONTACT RESOURCE MANAGEMENT AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517-8379. TEL. 970-586-1206. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADAM HENSON; NATIONAL PARK SERVICE-WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525
TEL. 970-225-3516; FAX 970-225-9965.

Parameter Inventory for Station: ROMO0517

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/03/85-06/23/87	8	17.5	17.25	22.	14.	5.929	2.435	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/03/85-06/23/87	8	1.5	2.038	6.	0.3	3.268	1.808	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	05/03/85-06/23/87	8	102.5	99.625	135.	12.	1516.839	38.947	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	05/03/85-06/23/87	8	6.	6.	6.	6.	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/03/85-06/23/87	8	6.	6.	6.	6.	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/03/85-06/23/87	8	1.	1.	1.	1.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/03/85-06/23/87	8	137.	141.	188.	85.	1473.143	38.382	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/03/85-06/23/87	8	1.35	1.35	2.7	0.1	0.7	0.837	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/03/85-07/18/86	6	5.	4.667	5.	4.	0.267	0.516	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	05/03/85-07/21/87	9	14.	14.756	30.3	5.7	52.86	7.271	5.7	9.	18.4	30.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0517

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	8	7	0.88	4	4	1.00				4	3	0.75			
00406	PH, FIELD	Fresh Chronic	9.	8	0	0.00	4	0	0.00				4	0	0.00			
		Other-Lo Lim.	6.5	8	8	1.00	4	4	1.00				4	4	1.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: ROMO0517

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	6	0	0.00	3	0	0.00				3	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0518

NPS Station ID: ROMO0518
LAT/LON: 40.407781/-105.871116
Agency: 112WRD
Date Created: 11/18/75
Location: OPPOSITION CREEK
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 402428105521600
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14010001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14010001
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 10190006000216.51
RF3 Mile Point: 18.01
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0518

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/18/74-07/18/74	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/18/74-07/18/74	1	33.	33.	33.	33.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/18/74-07/18/74	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/18/74-07/18/74	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/18/74-07/18/74	1	0.079	0.079	0.079	0.079	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	07/18/74-07/18/74	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/18/74-07/18/74	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	07/18/74-07/18/74	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/18/74-07/18/74	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	07/18/74-07/18/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/18/74-07/18/74	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/18/74-07/18/74	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/18/74-07/18/74	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/18/74-07/18/74	1	5.9	5.9	5.9	5.9	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/18/74-07/18/74	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/18/74-07/18/74	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	07/18/74-07/18/74	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	07/18/74-07/18/74	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/18/74-07/18/74	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/18/74-07/18/74	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/18/74-07/18/74	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/18/74-07/18/74	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/18/74-07/18/74	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/18/74-07/18/74	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/18/74-07/18/74	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/18/74-07/18/74	1	29.	29.	29.	29.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	07/18/74-07/18/74	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0518

Parameter				Total	Exceed	Prop.	6/10-10/31			11/01-4/10			4/11-6/09			n/a		
		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: ROMO0518

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0519

NPS Station ID: ROMO0519
LAT/LON: 40.408059/-105.638892
Agency: 11NPSWRD
Date Created: 06/12/99
Location: HORSESHOE PARK LAKE #1
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): ROMO_USFW_HP1
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE TRAIL RIDGE CO 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT HORSESHOE PARK LAKE # ON THE NORTH SIDE OF THE BEAVER POND AND IS WITHIN THE BOUNDARIES OF ROCKY MOUNTAIN NATIONAL PARK. THE DATA ARE FROM A REPORT BY F.A. VERTUCCI AND PAUL STEPHEN CORN; "EVALUATION OF EPISODIC ACIDIFICATION AND AMPHIBIAN DECLINES IN THE ROCKY MOUNTAINS;" 1996. THIS STUDY WAS FUNDED BY THE U.S. FISH AND WILDLIFE SERVICE TO DETERMINE THE EFFECTS OF ACID PRECIPITATION ON POND-BREEDING AMPHIBIANS IN THE WESTERN UNITED STATES. RESULTS OF THIS STUDY SHOWED NO CONCLUSIVE EVIDENCE THAT EPISODIC ACIDIFICATION IS THE CAUSE OF OBSERVED DECLINES IN AMPHIBIAN POPULATIONS. FOR MORE INFORMATION ON THE PARK CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517-8397 (970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: ROMO0519

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00154	SULFATE (AS S) WHOLE WATER, MG/L	05/05/88-06/16/88	6	0.14	0.123	0.3	0.005	0.012	0.11	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	05/05/88-06/16/88	7	7.6	7.543	8.	7.1	0.093	0.305	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	05/05/88-06/16/88	7	7.6	7.451	8.	7.1	0.103	0.32	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/05/88-06/16/88	7	0.025	0.035	0.079	0.01	0.001	0.026	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/05/88-06/16/88	6	0.02	0.035	0.12	0.01	0.002	0.042	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/05/88-06/16/88	6 ##	0.005	0.032	0.14	0.005	0.003	0.054	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/05/88-06/16/88	7	0.03	0.036	0.07	0.02	0.	0.019	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	05/25/88-06/16/88	4	20.4	21.15	25.6	18.2	12.543	3.542	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	05/05/88-06/16/88	7	6.3	6.314	9.2	4.5	2.705	1.645	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	05/05/88-06/16/88	2	4.09	4.09	4.27	3.91	0.065	0.255	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	05/05/88-06/16/88	7	3.19	3.137	4.09	2.13	0.552	0.743	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/05/88-06/16/88	6	0.35	0.333	0.6	0.1	0.051	0.225	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	05/05/88-05/12/88	2	0.705	0.705	0.72	0.69	0.	0.021	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	05/25/88-06/16/88	4	15.1	15.075	17.1	13.	2.809	1.676	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	05/05/88-06/16/88	7	40.	56.429	240.	5.	7030.952	83.851	**	**	**	**
61765	ANC (ACID NEUTRALIZING CAPABILITY) UEG/L	05/05/88-06/16/88	7	1502.	1595.	2159.	1218.	133252.667	365.038	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0519

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00154	SULFATE (AS S) WHOLE WATER	Drinking Water	250.	6	0	0.00	1	0	0.00				5	0	0.00			
00403	PH, LAB	Fresh Chronic	9.	7	0	0.00	1	0	0.00				6	0	0.00			
		Other-Lo Lim.	6.5	7	0	0.00	1	0	0.00				6	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	6	0	0.00	1	0	0.00				5	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	6	0	0.00	1	0	0.00				5	0	0.00			
		Drinking Water	250.	6	0	0.00	1	0	0.00				5	0	0.00			
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	2	0	0.00							2	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0520

NPS Station ID: ROMO0520 LAT/LON: 40.408115/-105.849754 Agency: 11NPSWRD Date Created: 06/12/99
Location: COLORADO RIVER NR RED MTN TRAIL BRIDGE FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): ROMO_JR_CAP50
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 14010001 Depth of Water: 0 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: UPPER COLORADO RIVER ECO Region:
RF1 Index: 14010001 RF1 Mile Point: 0.000 Distance from RF1: 12.40 On/Off RF1:
RF3 Index: 10190007002218.40 RF3 Mile Point: 18.39 Distance from RF3: 0.57 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE FALL RIVER PASS CO 7.5' SERIES (TOPO.) QUADRANGLE. THE SITE IS LOCATED AT THE COLORADO RIVER NEAR THE RED MOUNTAIN TRAIL BRIDGE AND IS WITHIN ROCKY MOUNTAIN NATIONAL PARK. THE DATA ARE FROM ANNUAL CAPSHELL SNAIL MONITORING PROGRAM REPORTS BY JOHN RIEBESELL OF THE DEPARTMENT OF NATURAL RESOURCES AT THE UNIVERSITY OF MICHIGAN IN DEARBORN MI. THE REPORTS SUMMARIZED POPULATION DATA AND WATER QUALITY CHARACTERISTICS OF THE HABITAT OF CAPSHELL SNAILS; A CANDIDATE FOR LISTING UNDER THE FEDERAL ENDANGERED SPECIES ACT. FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0520

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/24/96-06/24/96	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: ROMO0521

NPS Station ID: ROMO0521
LAT/LON: 40.408115/-105.874448
Agency: 11NPSWRD
Date Created: 08/28/99
Location: Opposition Cr. above Confl. with Grand Ditch
FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_SM_UCOCAD
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14010001
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 0
Water Body Id:
Minor Basin: UPPER COLORADO RIVER
ECO Region:
RF1 Index: 14010001
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the Fall River Pass CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0521

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	1	26.	26.	26.	26.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/31/81-07/31/81	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.251	0.251	0.251	0.251	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	1	50.	50.	50.	50.	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	1	2.4	2.4	2.4	2.4	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	1	0.21	0.21	0.21	0.21	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	1	5.8	5.8	5.8	5.8	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	1	10.5	10.5	10.5	10.5	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0521

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0522

NPS Station ID: ROMO0522 | LAT/LON: 40.408309/-105.593115 | Agency: 11NPSWRD | Date Created: 06/18/99
Location: 105418/C04087 | FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): ROMO_NURE_205 /1073830 /1118308
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006 | Depth of Water: 0 | Aquifer:
Major Basin: MISSOURI RIVER | Elevation: 0 | Water Body Id:
Minor Basin: SOUTH PLATTE RIVER | ECO Region:
RF1 Index: 10190006 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE ESTES PARK CO 7.5' SERIES (TOPOGRAPHIC) QUAD. THE SITE IS AT A STREAM WITHIN ROCKY MOUNTAIN NATIONAL PARK (ROMO). EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN ONE WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE U.S. GEOLOGICAL SURVEY "NATIONAL GEOCHEMICAL DATA BASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND KIM BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. "UNIQID" ENTRIES WERE USED TO CREATE THE SECONDARY STATION NAMES. "LASLID" ENTRIES WERE USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LABORATORY. FOR MORE INFORMATION ABOUT THE PARK CONTACT NATURAL RESOURCES AT ROMO; ESTES PARK; CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AT NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS; CO 80525 (TEL. 970-225-3556).

Parameter Inventory for Station: ROMO0522

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/24/76-09/24/76	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/76-09/24/76	1	37.	37.	37.	37.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/24/76-09/24/76	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/24/76-09/24/76	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/24/76-09/24/76	1	0.158	0.158	0.158	0.158	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/24/76-09/24/76	1	1.16	1.16	1.16	1.16	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0522

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0523

NPS Station ID: ROMO0523 LAT/LON: 40.408337/-105.629477 Agency: 11NPSWRD Date Created: 03/27/99
Location: UNNAMED POND F-LAWN LAKE ALLUVIAL FAN FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): ROMO_NPS_FLD_3
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI RIVER Elevation: 8540 Water Body Id:
Minor Basin: SOUTH PLATTE RIVER ECO Region:
RF1 Index: 10190006 RF1 Mile Point: 0.000 Distance from RF1: 12.40 On/Off RF1:
RF3 Index: 10190007002218.40 RF3 Mile Point: 18.39 Distance from RF3: 0.57 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE TRAIL RIDGE; CO 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT AN UNNAMED POND(F) INSIDE THE ALLUVIAL FAN FORMED BY THE LAWN LAKE FLOOD OF 1982. THE STATION IS INSIDE ROCKY MOUNTAIN NATIONAL PARK AND WAS USED TO MONITOR WATER CHEMISTRY FOR THE 1993 REPORT "COLONIZATION OF THE LAWN LAKE ALLUVIAL FAN BY AMPHIBIANS: POTENTIAL EFFECTS OF BIOTIC AND ABIOTIC FACTORS" BY LINDA C. ZIMMERMAN AND C. RICHARD TRACY OF COLORADO STATE UNIVERSITY; DEPARTMENT OF BIOLOGY; FORT COLLINS CO 80523. FOR MORE INFORMATION CONTACT RESOURCE MANAGEMENT AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517-8379. TEL. 970-586-1206. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADAM HENSON; NATIONAL PARK SERVICE-WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525
TEL. 970-225-3516; FAX 970-225-9965.

Parameter Inventory for Station: ROMO0523

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/03/85-06/23/87	8	21.5	21.5	26.	14.	14.571	3.817	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/03/85-06/23/87	8	4.5	4.7	8.	2.6	3.006	1.734	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	05/03/85-06/23/87	8	60.	58.	85.	25.	374.857	19.361	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	05/03/85-06/23/87	8	7.	7.188	8.	7.	0.138	0.372	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/03/85-06/23/87	8	7.	7.096	8.	7.	0.148	0.385	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/03/85-06/23/87	8	0.1	0.08	0.1	0.01	0.001	0.037	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/03/85-06/23/87	8	102.5	104.375	137.	83.	477.982	21.863	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/03/85-06/23/87	8	0.8	0.8	1.6	0.	0.209	0.457	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/03/85-07/18/86	6	3.5	3.083	5.	0.	3.442	1.855	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	05/03/85-07/21/87	9	6.	5.456	7.3	3.	2.803	1.674	3.	3.6	7.1	7.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0523

				Total	Exceed	Prop.	----------6/10-10/31----------			----------11/01-4/10----------			----------4/11-6/09----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	8	4	0.50	4	3	0.75				4	1	0.25			
00406	PH, FIELD	Fresh Chronic	9.	8	0	0.00	4	0	0.00				4	0	0.00			
		Other-Lo Lim.	6.5	8	0	0.00	4	0	0.00				4	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: ROMO0523

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	6	0	0.00	3	0	0.00				3	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0524

NPS Station ID: ROMO0524
LAT/LON: 40.408865/-105.641949
Agency: 11NPSWRD
Date Created: 06/12/99
Location: FAN LAKE
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): ROMO_USFW_FAN
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE TRAIL RIDGE CO 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT FAN LAKE AND IS WITHIN THE BOUNDARIES OF ROCKY MOUNTAIN NATIONAL PARK. THE DATA ARE FROM A REPORT BY F.A. VERTUCCI AND PAUL STEPHEN CORN; "EVALUATION OF EPISODIC ACIDIFICATION AND AMPHIBIAN DECLINES IN THE ROCKY MOUNTAINS;" 1996. THIS STUDY WAS FUNDED BY THE U.S. FISH AND WILDLIFE SERVICE TO DETERMINE THE EFFECTS OF ACID PRECIPITATION ON POND-BREEDING AMPHIBIANS IN THE WESTERN UNITED STATES. RESULTS OF THIS STUDY SHOWED NO CONCLUSIVE EVIDENCE THAT EPISODIC ACIDIFICATION IS THE CAUSE OF OBSERVED DECLINES IN AMPHIBIAN POPULATIONS. FOR MORE INFORMATION ON THE PARK CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517-8397 (970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: ROMO0524

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00154	SULFATE (AS S) WHOLE WATER, MG/L	05/05/88-06/16/88	7	2.29	2.353	3.11	1.49	0.297	0.545	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	05/05/88-06/16/88	7	7.	6.971	7.6	6.5	0.119	0.345	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	05/05/88-06/16/88	7	7.	6.869	7.6	6.5	0.131	0.362	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/05/88-06/16/88	7	0.1	0.135	0.316	0.025	0.009	0.095	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/12/88-06/16/88	6	0.01	0.011	0.02	0.005	0.	0.005	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/05/88-06/16/88	7	0.2	0.238	0.49	0.005	0.038	0.194	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/05/88-06/16/88	7	0.02	0.017	0.02	0.01	0.	0.005	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	05/05/88-06/16/88	7	2.1	2.186	2.8	1.8	0.148	0.385	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	05/05/88-06/16/88	7	0.7	0.7	0.9	0.5	0.023	0.153	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	05/05/88-06/16/88	7	1.05	1.149	1.51	0.85	0.073	0.271	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	05/05/88-06/16/88	7	0.49	0.477	0.61	0.36	0.008	0.089	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/05/88-06/16/88	7	0.3	0.286	0.4	0.2	0.005	0.069	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	05/05/88-05/19/88	3	0.12	0.107	0.12	0.08	0.001	0.023	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	05/25/88-06/16/88	4	4.6	4.675	5.3	4.2	0.269	0.519	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	05/05/88-06/16/88	7	100.	78.571	130.	30.	1647.619	40.591	**	**	**	**
61765	ANC (ACID NEUTRALIZING CAPABILITY) UEG/L	05/05/88-06/16/88	7	134.	132.429	186.	87.	1018.286	31.911	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0524

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00154	SULFATE (AS S) WHOLE WATER	Drinking Water	250.	7	0	0.00	1	0	0.00				6	0	0.00			
00403	PH, LAB	Fresh Chronic	9.	7	0	0.00	1	0	0.00				6	0	0.00			
		Other-Lo Lim.	6.5	7	1	0.14	1	1	1.00				6	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	7	0	0.00	1	0	0.00				6	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	7	0	0.00	1	0	0.00				6	0	0.00			
		Drinking Water	250.	7	0	0.00	1	0	0.00				6	0	0.00			
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	3	0	0.00							3	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0525

NPS Station ID: ROMO0525 LAT/LON: 40.408892/-105.849727 Agency: 112WRD Date Created: 06/30/76
Location: N. FORK COLO. RIVER AT PHANTOM VALLEY RANCH FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 402432105505900
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 14010001 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 14010001049 RF1 Mile Point: 15.170 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 10190007057900.00 RF3 Mile Point: 0.11 Distance from RF3: 0.01 On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0525

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/27/74-08/27/74	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/27/74-08/27/74	1	66.	66.	66.	66.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/27/74-08/27/74	1	25.	25.	25.	25.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	08/27/74-08/27/74	1	31.	31.	31.	31.	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/27/74-08/27/74	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/27/74-08/27/74	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/27/74-08/27/74	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/27/74-08/27/74	1	27.	27.	27.	27.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/27/74-08/27/74	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/27/74-08/27/74	1	8.5	8.5	8.5	8.5	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/27/74-08/27/74	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/27/74-08/27/74	1	2.2	2.2	2.2	2.2	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	08/27/74-08/27/74	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	08/27/74-08/27/74	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/27/74-08/27/74	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/27/74-08/27/74	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/27/74-08/27/74	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/27/74-08/27/74	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/27/74-08/27/74	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/27/74-08/27/74	1	90.	90.	90.	90.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/27/74-08/27/74	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/27/74-08/27/74	1	44.	44.	44.	44.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/27/74-08/27/74	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0525

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0526

NPS Station ID: ROMO0526 | LAT/LON: 40.408948/-105.643059 | Agency: 11NPSWRD | Date Created: 03/27/99
Location: FALL RIVER-WEST OF ALLUVIAL FAN | FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): ROMO_NPS_FLD_1
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006 | Depth of Water: 0 | Aquifer:
Major Basin: MISSOURI RIVER | Elevation: 8550 | Water Body Id:
Minor Basin: SOUTH PLATTE RIVER | ECO Region:
RF1 Index: 10190006 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE TRAIL RIDGE; CO 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS AT FALL RIVER; WEST OF THE LAWN LAKE ALLUVIAL FAN. THE SITE IS APPROXIMATELY 1/4 MILE UPSTREAM FROM THE NEW LAKE FORMED BY THE LAWN LAKE FLOOD OF 1982. THE STATION IS INSIDE ROCKY MOUNTAIN NATIONAL PARK AND WAS USED TO MONITOR WATER CHEMISTRY FOR THE 1993 REPORT "COLONIZATION OF THE LAWN LAKE ALLUVIAL FAN BY AMPHIBIANS: POTENTIAL EFFECTS OF BIOTIC AND ABIOTIC FACTORS" BY LINDA C. ZIMMERMAN AND C. RICHARD TRACY OF COLORADO STATE UNIVERSITY; DEPARTMENT OF BIOLOGY; FORT COLLINS CO 80523. FOR MORE INFORMATION CONTACT RESOURCE MANAGEMENT AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517-8379. TEL. 970-586-1206. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADAM HENSON; NATIONAL PARK SERVICE-WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 TEL. 970-225-3516; FAX 970-225-9965.

Parameter Inventory for Station: ROMO0526

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/03/85-07/21/87	9	7.	6.556	11.	2.	7.778	2.789	2.	4.5	8.5	11.
00300	OXYGEN, DISSOLVED MG/L	05/03/85-07/21/87	9	5.	5.333	7.	5.	0.5	0.707	5.	5.	5.5	7.
00405	CARBON DIOXIDE (MG/L AS CO2)	05/03/85-07/21/87	9	29.	30.667	50.	12.	166.	12.884	12.	18.5	42.5	50.
00406	PH, FIELD, STANDARD UNITS SU	05/03/85-07/21/87	9	7.	6.667	7.	6.	0.25	0.5	6.	6.	7.	7.
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/03/85-07/21/87	9	7.	6.398	7.	6.	0.331	0.576	6.	6.	7.	7.
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/03/85-07/21/87	9	0.1	0.4	1.	0.1	0.203	0.45	0.1	0.1	1.	1.
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/03/85-07/21/87	9	12.	11.333	17.	7.	8.	2.828	7.	9.5	12.5	17.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/03/85-07/21/87	9	0.4	0.378	0.8	0.	0.049	0.222	0.	0.25	0.5	0.8
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/03/85-07/18/86	6	5.	5.167	6.	4.	0.567	0.753	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	05/03/85-07/21/87	9 ##	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0526

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	9	0	0.00	5	0	0.00				4	0	0.00			
00406	PH, FIELD	Fresh Chronic	9.	9	0	0.00	5	0	0.00				4	0	0.00			
		Other-Lo Lim.	6.5	9	3	0.33	5	2	0.40				4	1	0.25			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: ROMO0526

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	6	0	0.00	3	0	0.00				3	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0527

NPS Station ID: ROMO0527 | LAT/LON: 40.409393/-105.473615 | Agency: 11NPSWRD | Date Created: 06/18/99
Location: 105733/C04229 | FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/SPRING | STORET Station ID(s): ROMO_NURE_017 /1073942 /1118420
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 10190006 | Depth of Water: 0 | Aquifer:
Major Basin: MISSOURI RIVER | Elevation: 0 | Water Body Id:
Minor Basin: SOUTH PLATTE RIVER | ECO Region:
RF1 Index: 10190006 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE "GLEN HAVEN COLORADO" 7.5 MINUTE SERIES QUADRANGLE. THE SITE IS AT A SPRING OUTSIDE OF ROCKY MOUNTAIN NATIONAL PARK. EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO ONE WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATA BASE: "NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SOIL; STREAM SEDIMENT; SURFACE WATER; AND GROUND WATER DATA. "UNIQID" FIELD ENTRIES WERE USED TO CREATE THE SECONDARY STATION NAMES. THE "LASLID" FIELD ENTRIES (LAB SAMPLE NUMBERS) WERE USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LAB. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND KELLI O'CONNOR; NATIONAL PARK SERVICE WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0527

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/20/76-09/20/76	1	13.6	13.6	13.6	13.6	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/20/76-09/20/76	1	140.	140.	140.	140.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/20/76-09/20/76	1	8.5	8.5	8.5	8.5	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/20/76-09/20/76	1	8.5	8.5	8.5	8.5	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/20/76-09/20/76	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/20/76-09/20/76	1	0.52	0.52	0.52	0.52	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0527

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0528

NPS Station ID: ROMO0528
LAT/LON: 40.410003/-105.861115
Agency: 112WRD
Date Created: 11/18/75
Location: GRAND DITCH
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 402436105514000
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14010001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14010001
RF1 Mile Point: 0.000
Distance from RF1: 8.80
On/Off RF1:
RF3 Index: 14010001109200.00
RF3 Mile Point: 0.85
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0528

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/18/74-07/18/74	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/18/74-07/18/74	1	33.	33.	33.	33.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	07/18/74-07/18/74	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/18/74-07/18/74	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/18/74-07/18/74	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	07/18/74-07/18/74	1	2.4	2.4	2.4	2.4	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/18/74-07/18/74	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00435	ACIDITY, TOTAL (MG/L AS CACO3)	07/18/74-07/18/74	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	07/18/74-07/18/74	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	07/18/74-07/18/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/18/74-07/18/74	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	07/18/74-07/18/74	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/18/74-07/18/74	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/18/74-07/18/74	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/18/74-07/18/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/18/74-07/18/74	1	4.4	4.4	4.4	4.4	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/18/74-07/18/74	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/18/74-07/18/74	1	26.	26.	26.	26.	0.	0.	**	**	**	**
00931	SODIUM ADSORPTION RATIO	07/18/74-07/18/74	1	3.2	3.2	3.2	3.2	0.	0.	**	**	**	**
00932	SODIUM, PERCENT	07/18/74-07/18/74	1	82.	82.	82.	82.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/18/74-07/18/74	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/18/74-07/18/74	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/18/74-07/18/74	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/18/74-07/18/74	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/18/74-07/18/74	1	3.6	3.6	3.6	3.6	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/18/74-07/18/74	1	40.	40.	40.	40.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/18/74-07/18/74	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/18/74-07/18/74	1	49.	49.	49.	49.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	07/18/74-07/18/74	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0528

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0529

NPS Station ID: ROMO0529 | LAT/LON: 40.410170/-105.635615 | Agency: 11NPSWRD | Date Created: 03/27/99
Location: ROARING RIVER AT FALL RIVER ROAD | FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): ROMO_NPS_FLD_2
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006 | Depth of Water: 0 | Aquifer:
Major Basin: MISSOURI RIVER | Elevation: 8560 | Water Body Id:
Minor Basin: SOUTH PLATTE RIVER | ECO Region:
RF1 Index: 10190006 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE TRAIL RIDGE; CO 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE STATION IS AT ROARING RIVER AT ITS INTERSECTION WITH FALL RIVER ROAD. THE STATION IS INSIDE THE ALLUVIAL FAN FORMED BY THE LAWN LAKE FLOOD OF 1982. THE STATION IS INSIDE ROCKY MOUNTAIN NATIONAL PARK AND WAS USED TO MONITOR WATER CHEMISTRY FOR THE 1993 REPORT "COLONIZATION OF THE LAWN LAKE ALLUVIAL FAN BY AMPHIBIANS: POTENTIAL EFFECTS OF BIOTIC AND ABIOTIC FACTORS" BY LINDA C. ZIMMERMAN AND C. RICHARD TRACY OF COLORADO STATE UNIVERSITY; DEPARTMENT OF BIOLOGY; FORT COLLINS CO 80523. FOR MORE INFORMATION CONTACT RESOURCE MANAGEMENT AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517-8379. TEL. 970-586-1206. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADAM HENSON; NATIONAL PARK SERVICE-WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 TEL. 970-225-3516; FAX 970-225-9965.

Parameter Inventory for Station: ROMO0529

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/03/85-07/21/87	9	9.	8.222	12.	3.	8.944	2.991	3.	6.	11.	12.
00300	OXYGEN, DISSOLVED MG/L	05/03/85-07/21/87	9	5.	5.333	6.	5.	0.25	0.5	5.	5.	6.	6.
00405	CARBON DIOXIDE (MG/L AS CO2)	05/03/85-07/21/87	9	29.	32.667	75.	11.	402.75	20.069	11.	15.5	45.	75.
00406	PH, FIELD, STANDARD UNITS SU	05/03/85-07/21/87	9	6.5	6.556	7.	6.	0.215	0.464	6.	6.	7.	7.
00406	CONVERTED PH, FIELD, STANDARD UNITS	05/03/85-07/21/87	9	6.5	6.349	7.	6.	0.263	0.513	6.	6.	7.	7.
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/03/85-07/21/87	9	0.316	0.448	1.	0.1	0.179	0.423	0.1	0.1	1.	1.
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	05/03/85-07/21/87	9	8.	9.444	17.	5.	15.528	3.941	5.	7.	13.	17.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/03/85-07/21/87	9	0.5	0.378	0.6	0.	0.042	0.205	0.	0.2	0.5	0.6
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/03/85-07/18/86	6	5.	5.	6.	3.	1.2	1.095	**	**	**	**
74010	IRON, TOTAL (MG/L AS FE)	05/03/85-07/21/87	9 ##	0.	0.071	0.5	0.	0.028	0.167	0.	0.	0.07	0.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0529

Parameter				Total	Exceed	Prop.	6/10-10/31			11/01-4/10			4/11-6/09			n/a		
		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	9	0	0.00	5	0	0.00				4	0	0.00			
00406	PH, FIELD	Fresh Chronic	9.	9	0	0.00	5	0	0.00				4	0	0.00			
		Other-Lo Lim.	6.5	9	5	0.56	5	3	0.60				4	2	0.50			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: ROMO0529

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	6	0	0.00	3	0	0.00				3	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0530

NPS Station ID: ROMO0530
LAT/LON: 40.410559/-105.502781
Agency: 112WRD
Date Created: 01/07/89
Location: GEM LAKE
FIPS State/County: 08013 COLORADO/BOULDER
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 402438105301000
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC:
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 3.30
On/Off RF1:
RF3 Index: 10190006003900.00
RF3 Mile Point: 0.00
Distance from RF3: 0.01
On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0530

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/27/87-10/27/87	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/27/87-10/27/87	1	6.1	6.1	6.1	6.1	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	10/27/87-10/27/87	2	4.	4.	4.	4.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/27/87-10/27/87	2	43.	43.	43.	43.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	10/27/87-10/27/87	1	9.1	9.1	9.1	9.1	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/27/87-10/27/87	1	7.43	7.43	7.43	7.43	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	10/27/87-10/27/87	1	7.43	7.43	7.43	7.43	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/27/87-10/27/87	1	0.037	0.037	0.037	0.037	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	10/27/87-10/27/87	2	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/27/87-10/27/87	2	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/27/87-10/27/87	2	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	10/27/87-10/27/87	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/27/87-10/27/87	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	10/27/87-10/27/87	2	4.2	4.2	4.2	4.2	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/27/87-10/27/87	2	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/27/87-10/27/87	2	1.9	1.9	1.9	1.9	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/27/87-10/27/87	2	2.2	2.2	2.2	2.2	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	10/27/87-10/27/87	2	1.	1.	1.	1.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	10/27/87-10/27/87	2	2.	2.	2.	2.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/27/87-10/27/87	2	0.24	0.24	0.24	0.24	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/27/87-10/27/87	2	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	10/27/87-10/27/87	2	200.	200.	200.	200.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/27/87-10/27/87	2	6.	6.	6.	6.	0.	0.	**	**	**	**
71870	BROMIDE (MG/L AS BR)	10/27/87-10/27/87	2	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0530

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00	1	0	0.00									
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00403	PH, LAB	Fresh Chronic	9.	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	0	0.00	2	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: ROMO0530

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	2	0	0.00	2	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00	2	0	0.00									
		Drinking Water	250.	2	0	0.00	2	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	2	0	0.00	2	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	2	0	0.00	2	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0531

NPS Station ID: ROMO0531
LAT/LON: 40.410810/-105.634392
Agency: 11NPSWRD
Date Created: 06/18/99
Location: 105800/C04280
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_NURE_200 /1073986 /1118464
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE TRAIL RIDGE CO 7.5' SERIES (TOPOGRAPHIC) QUAD. THE SITE IS AT A STREAM WITHIN ROCKY MOUNTAIN NATIONAL PARK (ROMO). EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN ONE WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE U.S. GEOLOGICAL SURVEY "NATIONAL GEOCHEMICAL DATA BASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND KIM BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. "UNIQID" ENTRIES WERE USED TO CREATE THE SECONDARY STATION NAMES. "LASLID" ENTRIES WERE USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LABORATORY. FOR MORE INFORMATION ABOUT THE PARK CONTACT NATURAL RESOURCES AT ROMO; ESTES PARK; CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AT NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS; CO 80525 (TEL. 970-225-3556).

Parameter Inventory for Station: ROMO0531

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/22/76-09/22/76	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/22/76-09/22/76	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/22/76-09/22/76	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/22/76-09/22/76	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/22/76-09/22/76	1	0.316	0.316	0.316	0.316	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/22/76-09/22/76	1	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0531

Parameter				Total	Exceed	Prop.	6/10-10/31			11/01-4/10			4/11-6/09			n/a		
		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0532

NPS Station ID: ROMO0532 | LAT/LON: 40.411392/-105.561392 | Agency: 11NPSWRD | Date Created: 06/18/99
Location: 105405/C04074 | FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): ROMO_NURE_207 /1073820 /1118298
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006 | Depth of Water: 0 | Aquifer:
Major Basin: MISSOURI RIVER | Elevation: 0 | Water Body Id:
Minor Basin: SOUTH PLATTE RIVER | ECO Region:
RF1 Index: 10190006 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE ESTES PARK CO 7.5' SERIES (TOPOGRAPHIC) QUAD. THE SITE IS AT A STREAM WITHIN ROCKY MOUNTAIN NATIONAL PARK (ROMO). EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN ONE WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE U.S. GEOLOGICAL SURVEY "NATIONAL GEOCHEMICAL DATA BASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND KIM BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. "UNIQID" ENTRIES WERE USED TO CREATE THE SECONDARY STATION NAMES. "LASLID" ENTRIES WERE USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LABORATORY. FOR MORE INFORMATION ABOUT THE PARK CONTACT NATURAL RESOURCES AT ROMO; ESTES PARK; CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AT NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS; CO 80525 (TEL. 970-225-3556).

Parameter Inventory for Station: ROMO0532

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/23/76-09/23/76	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/23/76-09/23/76	1	26.	26.	26.	26.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/23/76-09/23/76	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/23/76-09/23/76	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/23/76-09/23/76	1	0.398	0.398	0.398	0.398	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/23/76-09/23/76	1	1.19	1.19	1.19	1.19	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0532

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0533

NPS Station ID: ROMO0533 LAT/LON: 40.411477/-105.872032 Agency: 11NPSWRD Date Created: 08/28/99
Location: Mosquito Creek above Confluence with Grand Ditch FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): ROMO_SM_UCMCAD
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 14010001 Depth of Water: 0 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: UPPER COLORADO RIVER ECO Region:
RF1 Index: 14010001 RF1 Mile Point: 0.000 Distance from RF1: 12.40 On/Off RF1:
RF3 Index: 10190007002218.40 RF3 Mile Point: 18.39 Distance from RF3: 0.57 On/Off RF3:
Description:
The station is located on the Fall River Pass CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0533

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/31/81-07/31/81	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	1	202.	202.	202.	202.	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	1	3.8	3.8	3.8	3.8	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	1	0.64	0.64	0.64	0.64	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	1	4.5	4.5	4.5	4.5	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0533

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	0	0.00	1	0	0.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0534

NPS Station ID: ROMO0534
LAT/LON: 40.411698/-105.820809
Agency: 11NPSWRD
Date Created: 06/18/99
Location: 105304/C04035
FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): ROMO_NURE_234 /1073783 /1118261
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14010001
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 0
Water Body Id:
Minor Basin: UPPER COLORADO RIVER
ECO Region:
RF1 Index: 14010001
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE FALL RIVER PASS CO 7.5' SERIES (TOPO.) QUAD. THE SITE IS AT A RESERVOIR WITHIN ROCKY MOUNTAIN NATIONAL PARK (ROMO). EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN ONE WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE U.S. GEOLOGICAL SURVEY "NATIONAL GEOCHEMICAL DATA BASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND KIM BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. "UNIQID" ENTRIES WERE USED TO CREATE THE SECONDARY STATION NAMES. "LASLID" ENTRIES WERE USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LABORATORY. FOR MORE INFORMATION ABOUT THE PARK CONTACT NATURAL RESOURCES AT ROMO; ESTES PARK; CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AT NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS; CO 80525 (TEL. 970-225-3556).

Parameter Inventory for Station: ROMO0534

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/24/76-09/24/76	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/76-09/24/76	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/24/76-09/24/76	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/24/76-09/24/76	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/24/76-09/24/76	1	0.398	0.398	0.398	0.398	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/24/76-09/24/76	1	1.82	1.82	1.82	1.82	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0534

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0535

NPS Station ID: ROMO0535
LAT/LON: 40.412199/-105.661142
Agency: 11NPSWRD
Date Created: 08/28/99
Location: Sundance Creek above Confluence with Fall River
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_SM_FRSDAC
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the Trail Ridge CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0535

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/31/81-07/31/81	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.398	0.398	0.398	0.398	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	1	6.23	6.23	6.23	6.23	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/31/81-07/31/81	1	6.23	6.23	6.23	6.23	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.589	0.589	0.589	0.589	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	1	87.	87.	87.	87.	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	1	0.12	0.12	0.12	0.12	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	1	11.4	11.4	11.4	11.4	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0535

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0536

NPS Station ID: ROMO0536
LAT/LON: 40.412503/-105.659199
Agency: 11NPSWRD
Date Created: 06/18/99
Location: 105401/C04070
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_NURE_196 /1073816 /1118294
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE TRAIL RIDGE CO 7.5' SERIES (TOPOGRAPHIC) QUAD. THE SITE IS AT A STREAM WITHIN ROCKY MOUNTAIN NATIONAL PARK (ROMO). EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN ONE WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE U.S. GEOLOGICAL SURVEY "NATIONAL GEOCHEMICAL DATA BASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND KIM BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. "UNIQID" ENTRIES WERE USED TO CREATE THE SECONDARY STATION NAMES. "LASLID" ENTRIES WERE USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LABORATORY. FOR MORE INFORMATION ABOUT THE PARK CONTACT NATURAL RESOURCES AT ROMO; ESTES PARK; CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AT NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS; CO 80525 (TEL. 970-225-3556).

Parameter Inventory for Station: ROMO0536

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/22/76-09/22/76	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/22/76-09/22/76	1	18.	18.	18.	18.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/22/76-09/22/76	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/22/76-09/22/76	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/22/76-09/22/76	1	0.316	0.316	0.316	0.316	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/22/76-09/22/76	1	1.29	1.29	1.29	1.29	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0536

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0537

NPS Station ID: ROMO0537
LAT/LON: 40.412503/-105.820560
Agency: 112WRD
Date Created: 11/18/75
Location: LAKE IRENE
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 402445105491400
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14010001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14010001
RF1 Mile Point: 0.000
Distance from RF1: 3.40
On/Off RF1:
RF3 Index: 14010001109200.00
RF3 Mile Point: 0.50
Distance from RF3: 0.28
On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0537

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/10/74-08/27/74	2	15.	15.	17.	13.	8.	2.828	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/10/74-08/27/74	2	25.5	25.5	26.	25.	0.5	0.707	**	**	**	**
00400	PH (STANDARD UNITS)	07/10/74-07/10/74	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	07/10/74-07/10/74	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/10/74-07/10/74	1	0.158	0.158	0.158	0.158	0.	0.	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	07/10/74-07/10/74	1	3.3	3.3	3.3	3.3	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	07/10/74-08/27/74	2	11.	11.	11.	11.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	07/10/74-08/27/74	2	13.	13.	13.	13.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	07/10/74-07/10/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	07/10/74-08/27/74	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	07/10/74-08/27/74	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	07/10/74-08/27/74	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	07/10/74-08/27/74	2	12.5	12.5	13.	12.	0.5	0.707	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	07/10/74-08/27/74	2	2.	2.	3.	1.	2.	1.414	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/10/74-08/27/74	2	3.05	3.05	3.4	2.7	0.245	0.495	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/10/74-08/27/74	2	1.2	1.2	1.6	0.8	0.32	0.566	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/10/74-08/27/74	2	1.65	1.65	2.	1.3	0.245	0.495	**	**	**	**
00931	SODIUM ADSORPTION RATIO	07/10/74-08/27/74	2	0.25	0.25	0.3	0.2	0.005	0.071	**	**	**	**
00932	SODIUM, PERCENT	07/10/74-08/27/74	2	21.5	21.5	26.	17.	40.5	6.364	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/10/74-08/27/74	2	0.45	0.45	0.5	0.4	0.005	0.071	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	07/10/74-08/27/74	2	2.45	2.45	4.	0.9	4.805	2.192	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	07/10/74-08/27/74	2	3.5	3.5	4.	3.	0.5	0.707	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/10/74-08/27/74	2	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/10/74-08/27/74	2	3.75	3.75	4.	3.5	0.125	0.354	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/10/74-08/27/74	2	105.	105.	170.	40.	8450.	91.924	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/10/74-08/27/74	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	07/10/74-08/27/74	2	23.	23.	26.	20.	18.	4.243	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	07/10/74-08/27/74	2	0.035	0.035	0.04	0.03	0.	0.007	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0537

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	2	0	0.00	2	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00	2	0	0.00									
		Drinking Water	250.	2	0	0.00	2	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	2	0	0.00	2	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	2	0	0.00	2	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0538

NPS Station ID: ROMO0538
LAT/LON: 40.412670/-105.659642
Agency: 11NPSWRD
Date Created: 08/28/99
Location: Fall River below Confluence with Sundance Creek
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_SM_FRBSC
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the Trail Ridge CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0538

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/31/81-07/31/81	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.126	0.126	0.126	0.126	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	1	6.2	6.2	6.2	6.2	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/31/81-07/31/81	1	6.2	6.2	6.2	6.2	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.631	0.631	0.631	0.631	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	1	146.	146.	146.	146.	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	1	1.9	1.9	1.9	1.9	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	1	0.32	0.32	0.32	0.32	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	1	2.2	2.2	2.2	2.2	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	1	11.7	11.7	11.7	11.7	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0538

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0539

NPS Station ID: ROMO0539
LAT/LON: 40.412726/-105.659893
Agency: 11NPSWRD
Date Created: 06/12/99
Location: FALL RIVER (ENDOVALLEY)
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_JR_CAP08
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE TRAIL RIDGE CO 7.5' SERIES (TOPO.) QUADRANGLE. THE SITE IS LOCATED AT THE FALL RIVER NEAR THE ENDOVALLEY PICNIC AREA AND IS WITHIN ROCKY MOUNTAIN NATIONAL PARK. THE DATA ARE FROM ANNUAL CAPSHELL SNAIL MONITORING PROGRAM REPORTS BY JOHN RIEBESELL OF THE DEPARTMENT OF NATURAL RESOURCES AT THE UNIVERSITY OF MICHIGAN IN DEARBORN MI. TTHE REPORTS SUMMARIZED POPULATION DATA AND WATER QUALITY CHARACTERISTICS OF THE HABITAT OF CAPSHELL SNAILS; A CANDIDATE FOR LISTING UNDER THE FEDERAL ENDANGERED SPECIES ACT. FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0539

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010 TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/28/96-06/28/96	1	5.6	5.6	5.6	5.6	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: ROMO0540

NPS Station ID: ROMO0540
LAT/LON: 40.413142/-105.661920
Agency: 11NPSWRD
Date Created: 08/28/99
Location: Fall River above Confluence with Sundance Creek
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_SM_FRASC
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the Trail Ridge CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0540

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	1	22.	22.	22.	22.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/31/81-07/31/81	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.063	0.063	0.063	0.063	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	1	6.13	6.13	6.13	6.13	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/31/81-07/31/81	1	6.13	6.13	6.13	6.13	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.741	0.741	0.741	0.741	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	1	167.	167.	167.	167.	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	1	0.38	0.38	0.38	0.38	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	1	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	1	10.8	10.8	10.8	10.8	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0540

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0541

NPS Station ID: ROMO0541 | LAT/LON: 40.413892/-105.660616 | Agency: 11NPSWRD | Date Created: 06/18/99
Location: 105419/C04088 | FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): ROMO_NURE_197 /1073831 /1118309
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006 | Depth of Water: 0 | Aquifer:
Major Basin: MISSOURI RIVER | Elevation: 0 | Water Body Id:
Minor Basin: SOUTH PLATTE RIVER | ECO Region:
RF1 Index: 10190006 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE TRAIL RIDGE CO 7.5' SERIES (TOPOGRAPHIC) QUAD. THE SITE IS AT A STREAM WITHIN ROCKY MOUNTAIN NATIONAL PARK (ROMO). EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN ONE WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE U.S. GEOLOGICAL SURVEY "NATIONAL GEOCHEMICAL DATA BASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND KIM BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. "UNIQID" ENTRIES WERE USED TO CREATE THE SECONDARY STATION NAMES. "LASLID" ENTRIES WERE USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LABORATORY. FOR MORE INFORMATION ABOUT THE PARK CONTACT NATURAL RESOURCES AT ROMO; ESTES PARK; CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AT NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS; CO 80525 (TEL. 970-225-3556).

Parameter Inventory for Station: ROMO0541

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/24/76-09/24/76	1	5.6	5.6	5.6	5.6	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/76-09/24/76	1	23.	23.	23.	23.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/24/76-09/24/76	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/24/76-09/24/76	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/24/76-09/24/76	1	0.063	0.063	0.063	0.063	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/24/76-09/24/76	1	1.15	1.15	1.15	1.15	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0541

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0542

NPS Station ID: ROMO0542
LAT/LON: 40.415420/-105.669809
Agency: 11NPSWRD
Date Created: 04/03/99
Location: FALL RIVER 1
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_NPS_FR1
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
THE STATION IS LOCATED AT THE TRAIL RIDGE CO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT THE FALL RIVER JUST ABOVE THE ENDOVALLEY PICNIC GROUNDS; AND IS WITHIN THE BOUNDARY OF ROCKY MOUNTAIN NATIONAL PARK. THE DATA ARE FROM A BASELINE WATER QUALITY STUDY REPORT (OCTOBER 1981) BY LISA BUINSMA OF COLORADO STATE UNIVERSITY; LOCATED IN FORT COLLINS CO. BASELINE WATER QUALITY DATA WERE COLLECTED FROM THE BIG THOMPSON AND FALL RIVERS; TWO LARGE AND HEAVILY USED WATERSHEDS IN ROCKY MOUNTAIN NATIONAL PARK; IN ORDER TO ASSESS WATER QUALITY IN THE TWO WATERSHEDS AND DETERMINE AND THE NEED FOR FUTURE WATER QUALITY MONITORING. FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO (970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0542

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/21/81-08/24/81	16	9.	10.	14.	7.	3.733	1.932	7.	9.	11.75	12.6
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	07/21/81-08/24/81	16	93.	93.188	264.	12.	3570.296	59.752	14.8	57.	109.5	178.6
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	07/21/81-08/24/81	16	1.968	1.867	2.422	1.079	0.121	0.348	1.167	1.756	2.039	2.233
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			73.576								
31613	FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24HR	07/21/81-08/24/81	16	2.5	4.688	18.	0.	27.563	5.25	0.	1.25	6.	15.2
31613	LOG FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24	07/21/81-08/24/81	16	0.389	0.485	1.255	0.	0.173	0.416	0.	0.075	0.778	1.179
31613	GM FECAL COLIFORM,MEMBR FILTER,M-FC AGAR,44.5C,24H	GEOMETRIC MEAN =			3.055								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	07/21/81-08/24/81	12	1360.	1138.667	1982.	220.	477531.152	691.036	224.2	280.	1692.5	1972.4
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	07/21/81-08/24/81	12	3.133	2.929	3.297	2.342	0.156	0.395	2.35	2.447	3.228	3.295
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			849.74								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0542

				Total	Exceed	Prop.	----------6/10-10/31----------			----------11/01-4/10----------			----------4/11-6/09----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	16	0	0.00	16	0	0.00									
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	16	0	0.00	16	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0543

NPS Station ID: ROMO0543
LAT/LON: 40.417115/-105.632837
Agency: 11NPSWRD
Date Created: 08/28/99
Location: Roaring River above Horseshoe Falls
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_SM_RRAHF
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the Trail Ridge CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0543

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	2	8.	8.	8.	8.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	2	15.	15.	15.	15.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	2	6.95	6.95	7.	6.9	0.005	0.071	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/31/81-07/31/81	2	6.947	6.947	7.	6.9	0.005	0.071	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	2	0.113	0.113	0.126	0.1	0.	0.018	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	2	6.1	6.1	6.1	6.1	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/31/81-07/31/81	2	6.1	6.1	6.1	6.1	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	2	0.794	0.794	0.794	0.794	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	2	94.5	94.5	97.	92.	12.5	3.536	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	2	0.004	0.004	0.004	0.003	0.	0.001	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	2	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	2	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	2	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	2	0.165	0.165	0.17	0.16	0.	0.007	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	2	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	2	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	2	8.85	8.85	8.9	8.8	0.005	0.071	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	2	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0543

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	0	0.00	2	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	2	1.00	2	2	1.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	2	2	1.00	2	2	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	2	0	0.00	2	0	0.00									
		Drinking Water	250.	2	0	0.00	2	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	2	0	0.00	2	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	2	0	0.00	2	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0544

NPS Station ID: ROMO0544
LAT/LON: 40.417198/-105.674116
Agency: 11NPSWRD
Date Created: 08/28/99
Location: Fall River above Chasm Falls
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_SM_FRACF
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the Trail Ridge CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0544

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	1	22.	22.	22.	22.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/31/81-07/31/81	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.063	0.063	0.063	0.063	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	1	162.	162.	162.	162.	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	1	2.4	2.4	2.4	2.4	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	1	11.2	11.2	11.2	11.2	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0544

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0545

NPS Station ID: ROMO0545
LAT/LON: 40.417392/-105.679838
Agency: 11NPSWRD
Date Created: 08/28/99
Location: Fall River Tributary above Chasm Falls--#14
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_SM_FRDACF
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the Trail Ridge CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0545

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/31/81-07/31/81	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.079	0.079	0.079	0.079	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	1	119.	119.	119.	119.	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	1	13.	13.	13.	13.	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0545

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0546

NPS Station ID: ROMO0546 | LAT/LON: 40.418892/-105.864198 | Agency: 11NPSWRD | Date Created: 06/18/99
Location: 105315/C04046 | FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): ROMO_NURE_218 /1073794 /1118272
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14010001 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: UPPER COLORADO RIVER | ECO Region:
RF1 Index: 14010001 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE FALL RIVER PASS CO 7.5' SERIES (TOPO.) QUAD. THE SITE IS AT A STREAM WITHIN ROCKY MOUNTAIN NATIONAL PARK (ROMO). EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN ONE WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE U.S. GEOLOGICAL SURVEY "NATIONAL GEOCHEMICAL DATA BASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND KIM BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. "UNIQID" ENTRIES WERE USED TO CREATE THE SECONDARY STATION NAMES. "LASLID" ENTRIES WERE USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LABORATORY. FOR MORE INFORMATION ABOUT THE PARK CONTACT NATURAL RESOURCES AT ROMO; ESTES PARK; CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AT NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS; CO 80525 (TEL. 970-225-3556).

Parameter Inventory for Station: ROMO0546

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/24/76-09/24/76	1	3.6	3.6	3.6	3.6	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/76-09/24/76	1	110.	110.	110.	110.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/24/76-09/24/76	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/24/76-09/24/76	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/24/76-09/24/76	1	1.	1.	1.	1.	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/24/76-09/24/76	1	2.44	2.44	2.44	2.44	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0546

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0547

NPS Station ID: ROMO0547
LAT/LON: 40.418976/-105.864031
Agency: 11NPSWRD
Date Created: 08/28/99
Location: Lost Creek above Confluence with Grand Ditch
FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_SM_UCLCAD
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14010001
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 0
Water Body Id:
Minor Basin: UPPER COLORADO RIVER
ECO Region:
RF1 Index: 14010001
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the Fall River Pass CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0547

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	1	64.	64.	64.	64.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	2	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/31/81-07/31/81	2	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	2	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/31/81-07/31/81	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	2	480.	480.	480.	480.	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	2 ##	0.003	0.003	0.005	0.	0.	0.004	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	2	8.05	8.05	8.8	7.3	1.125	1.061	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	2	1.35	1.35	1.5	1.2	0.045	0.212	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	2	0.67	0.67	0.85	0.49	0.065	0.255	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	2	0.305	0.305	0.34	0.27	0.002	0.049	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	2	0.65	0.65	1.	0.3	0.245	0.495	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	2	5.35	5.35	5.5	5.2	0.045	0.212	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	2	3.9	3.9	4.2	3.6	0.18	0.424	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	2 ##	0.01	0.01	0.02	0.	0.	0.014	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	2	0.9	0.9	1.1	0.7	0.08	0.283	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0547

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	0	0.00	2	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	2	0	0.00	2	0	0.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	2	0	0.00	2	0	0.00									
		Drinking Water	250.	2	0	0.00	2	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	2	0	0.00	2	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	2	0	0.00	2	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0548

NPS Station ID: ROMO0548
LAT/LON: 40.419531/-105.634616
Agency: 11NPSWRD
Date Created: 08/28/99
Location: Roaring River at about 9400 ft.
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_SM_RR9400
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the Trail Ridge CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0548

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/31/81-07/31/81	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	1	6.1	6.1	6.1	6.1	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/31/81-07/31/81	1	6.1	6.1	6.1	6.1	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.794	0.794	0.794	0.794	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	1	72.	72.	72.	72.	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	1	0.16	0.16	0.16	0.16	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	1	7.	7.	7.	7.	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0548

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0549

NPS Station ID: ROMO0549 LAT/LON: 40.421809/-105.808171 Agency: 11NPSWRD Date Created: 06/12/99
Location: LA POUDRE PASS LAKE (OR POUDRE LAKE) FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): ROMO_JR_CAP57
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10190007 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI RIVER Elevation: 0 Water Body Id:
Minor Basin: SOUTH PLATTE RIVER ECO Region:
RF1 Index: 10190007 RF1 Mile Point: 0.000 Distance from RF1: 12.40 On/Off RF1:
RF3 Index: 10190007002218.40 RF3 Mile Point: 18.39 Distance from RF3: 0.57 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE FALL RIVER PASS CO 7.5' SERIES (TOPO.) QUADRANGLE. THE SITE IS LOCATED AT LA POUDRE PASS LAKE (OR POUDRE LAKE) NEAR THE LA POUDRE PASS RANGER STATION AND IS WITHIN ROCKY MOUNTAIN NATIONAL PARK. THE DATA ARE FROM ANNUAL CAPSHELL SNAIL MONITORING PROGRAM REPORTS BY JOHN RIEBESELL OF THE DEPARTMENT OF NATURAL RESOURCES AT THE UNIVERSITY MICHIGAN IN DEARBORN MI. THE REPORTS SUMMARIZED POPULATION DATA AND WATER QUALITY CHARACTERISTICS OF THE HABITAT OF CAPSHELL SNAILS; A CANDIDATE FOR LISTING UNDER THE FEDERAL ENDANGERED SPECIES ACT. FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0549

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094 SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/18/97-07/18/97	1	110.	110.	110.	110.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: ROMO0550

NPS Station ID: ROMO0550 LAT/LON: 40.422809/-105.700616 Agency: 11NPSWRD Date Created: 06/18/99
Location: 105406/C04075 FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): ROMO_NURE_198 /1073821 /1118299
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI RIVER Elevation: 0 Water Body Id:
Minor Basin: SOUTH PLATTE RIVER ECO Region:
RF1 Index: 10190006 RF1 Mile Point: 0.000 Distance from RF1: 12.40 On/Off RF1:
RF3 Index: 10190007002218.40 RF3 Mile Point: 18.39 Distance from RF3: 0.57 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE TRAIL RIDGE CO 7.5' SERIES (TOPOGRAPHIC) QUAD. THE SITE IS AT A STREAM WITHIN ROCKY MOUNTAIN NATIONAL PARK (ROMO). EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN ONE WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE U.S. GEOLOGICAL SURVEY "NATIONAL GEOCHEMICAL DATA BASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND KIM BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. "UNIQID" ENTRIES WERE USED TO CREATE THE SECONDARY STATION NAMES. "LASLID" ENTRIES WERE USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LABORATORY. FOR MORE INFORMATION ABOUT THE PARK CONTACT NATURAL RESOURCES AT ROMO; ESTES PARK; CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AT NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS; CO 80525 (TEL. 970-225-3556).

Parameter Inventory for Station: ROMO0550

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/23/76-09/23/76	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/23/76-09/23/76	1	21.	21.	21.	21.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/23/76-09/23/76	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/23/76-09/23/76	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/23/76-09/23/76	1	0.251	0.251	0.251	0.251	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/23/76-09/23/76	1	1.92	1.92	1.92	1.92	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0550

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0551

NPS Station ID: ROMO0551 LAT/LON: 40.423615/-105.472198 Agency: 11NPSWRD Date Created: 06/18/99
Location: 105734/C04230 FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): ROMO_NURE_016 /1073943 /1118421
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 10190006 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI RIVER Elevation: 0 Water Body Id:
Minor Basin: SOUTH PLATTE RIVER ECO Region:
RF1 Index: 10190006 RF1 Mile Point: 0.000 Distance from RF1: 12.40 On/Off RF1:
RF3 Index: 10190007002218.40 RF3 Mile Point: 18.39 Distance from RF3: 0.57 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE "GLEN HAVEN COLORADO" 7.5 MINUTE SERIES QUADRANGLE. THE SITE IS AT A STREAM OUTSIDE OF ROCKY MOUNTAIN NATIONAL PARK. EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO ONE WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATA BASE: "NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SOIL; STREAM SEDIMENT; SURFACE WATER; AND GROUND WATER DATA. "UNIQID" FIELD ENTRIES WERE USED TO CREATE THE SECONDARY STATION NAMES. THE "LASLID" FIELD ENTRIES (LAB SAMPLE NUMBERS) WERE USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LAB. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND KELLI O'CONNOR; NATIONAL PARK SERVICE WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0551

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/20/76-09/20/76	1	13.9	13.9	13.9	13.9	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/20/76-09/20/76	1	120.	120.	120.	120.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/20/76-09/20/76	1	8.8	8.8	8.8	8.8	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/20/76-09/20/76	1	8.8	8.8	8.8	8.8	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/20/76-09/20/76	1	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/20/76-09/20/76	1	0.65	0.65	0.65	0.65	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0551

Parameter				Total	Exceed	Prop.	6/10-10/31			11/01-4/10			4/11-6/09			n/a		
		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0552

NPS Station ID: ROMO0552 LAT/LON: 40.424199/-105.805616 Agency: 11NPSWRD Date Created: 06/18/99
Location: 105303/C04034 FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): ROMO_NURE_209 /1073782 /1118260
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10190007 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI RIVER Elevation: 0 Water Body Id:
Minor Basin: SOUTH PLATTE RIVER ECO Region:
RF1 Index: 10190007 RF1 Mile Point: 0.000 Distance from RF1: 12.40 On/Off RF1:
RF3 Index: 10190007002218.40 RF3 Mile Point: 18.39 Distance from RF3: 0.57 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE FALL RIVER PASS CO 7.5' SERIES (TOPO.) QUAD. THE SITE IS AT A LAKE WITHIN ROCKY MOUNTAIN NATIONAL PARK (ROMO). EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN ONE WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE U.S. GEOLOGICAL SURVEY "NATIONAL GEOCHEMICAL DATA BASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND KIM BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. "UNIQID" ENTRIES WERE USED TO CREATE THE SECONDARY STATION NAMES. "LASLID" ENTRIES WERE USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LABORATORY. FOR MORE INFORMATION ABOUT THE PARK CONTACT NATURAL RESOURCES AT ROMO; ESTES PARK; CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AT NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS; CO 80525 (TEL. 970-225-3556).

Parameter Inventory for Station: ROMO0552

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/24/76-09/24/76	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/76-09/24/76	1	158.	158.	158.	158.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/24/76-09/24/76	1	8.8	8.8	8.8	8.8	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/24/76-09/24/76	1	8.8	8.8	8.8	8.8	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/24/76-09/24/76	1	0.002	0.002	0.002	0.002	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/24/76-09/24/76	1	1.55	1.55	1.55	1.55	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0552

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0553

NPS Station ID: ROMO0553
LAT/LON: 40.424281/-105.708282
Agency: 11NPSWRD
Date Created: 08/28/99
Location: Fall River Tributary at 3048 m.
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_SM_FRD3048
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the Trail Ridge CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0553

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/31/81-07/31/81	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	1	51.	51.	51.	51.	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	1	0.009	0.009	0.009	0.009	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	1	0.11	0.11	0.11	0.11	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0553

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0554

NPS Station ID: ROMO0554
LAT/LON: 40.424615/-105.707170
Agency: 11NPSWRD
Date Created: 08/28/99
Location: Fall River at 3033 m.-- #13
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_SM_FRBSD
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the Trail Ridge CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0554

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/31/81-07/31/81	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	1	170.	170.	170.	170.	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	1	2.1	2.1	2.1	2.1	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	1	0.44	0.44	0.44	0.44	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	1	2.2	2.2	2.2	2.2	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0554

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0555

NPS Station ID: ROMO0555
LAT/LON: 40.424866/-105.709588
Agency: 11NPSWRD
Date Created: 08/28/99
Location: Fall River at 3054 m.
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_SM_FRASD
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the Trail Ridge CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0555

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	1	23.	23.	23.	23.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/31/81-07/31/81	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.079	0.079	0.079	0.079	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	1	184.	184.	184.	184.	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	1	2.2	2.2	2.2	2.2	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	1	0.26	0.26	0.26	0.26	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	1	10.1	10.1	10.1	10.1	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0555

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0556

NPS Station ID: ROMO0556
LAT/LON: 40.426059/-105.736226
Agency: 11NPSWRD
Date Created: 08/28/99
Location: Fall River South Branch at 3350 m.--#4
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_SM_FRSBM
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the Trail Ridge CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0556

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/31/81-07/31/81	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.126	0.126	0.126	0.126	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	1	69.	69.	69.	69.	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	1	0.31	0.31	0.31	0.31	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	1	8.8	8.8	8.8	8.8	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0556

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0557

NPS Station ID: ROMO0557
LAT/LON: 40.428309/-105.726698
Agency: 11NPSWRD
Date Created: 08/28/99
Location: Fall R. below Conf. of N. & S. Branches--#10
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_SM_FRBSB
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the Trail Ridge CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0557

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	1	25.	25.	25.	25.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/31/81-07/31/81	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.079	0.079	0.079	0.079	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/31/81-07/31/81	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.126	0.126	0.126	0.126	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	1	216.	216.	216.	216.	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	1	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	1	0.31	0.31	0.31	0.31	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	1	2.1	2.1	2.1	2.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	1	9.9	9.9	9.9	9.9	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0557

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	0	0.00	1	0	0.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0558

NPS Station ID: ROMO0558
LAT/LON: 40.428392/-105.730087
Agency: 11NPSWRD
Date Created: 09/05/99
Location: S. Branch Fall R. above Conf. with N. Branch--#6
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_SM_FRSBAX
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the Trail Ridge CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0558

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/31/81-07/31/81	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.079	0.079	0.079	0.079	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	1	6.99	6.99	6.99	6.99	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/31/81-07/31/81	1	6.99	6.99	6.99	6.99	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.102	0.102	0.102	0.102	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	1	138.	138.	138.	138.	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	1	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	1	10.	10.	10.	10.	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0558

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0559

NPS Station ID: ROMO0559
LAT/LON: 40.428476/-105.735503
Agency: 11NPSWRD
Date Created: 08/28/99
Location: Fall River South Branch Tributary--#3
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_SM_FRSBT
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the Trail Ridge CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0559

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	1	27.	27.	27.	27.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/31/81-07/31/81	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.079	0.079	0.079	0.079	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	1	172.	172.	172.	172.	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	1	2.4	2.4	2.4	2.4	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	1	0.32	0.32	0.32	0.32	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	1	3.7	3.7	3.7	3.7	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	1	8.7	8.7	8.7	8.7	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0559

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0560

NPS Station ID: ROMO0560 | LAT/LON: 40.428615/-105.513116 | Agency: 11NPSWRD | Date Created: 06/18/99
Location: 105404/C04073 | FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): ROMO_NURE_208 /1073819 /1118297
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006 | Depth of Water: 0 | Aquifer:
Major Basin: MISSOURI RIVER | Elevation: 0 | Water Body Id:
Minor Basin: SOUTH PLATTE RIVER | ECO Region:
RF1 Index: 10190006 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE ESTES PARK CO 7.5' SERIES (TOPOGRAPHIC) QUAD. THE SITE IS AT A STREAM WITHIN ROCKY MOUNTAIN NATIONAL PARK (ROMO). EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN ONE WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE U.S. GEOLOGICAL SURVEY "NATIONAL GEOCHEMICAL DATA BASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND KIM BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. "UNIQID" ENTRIES WERE USED TO CREATE THE SECONDARY STATION NAMES. "LASLID" ENTRIES WERE USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LABORATORY. FOR MORE INFORMATION ABOUT THE PARK CONTACT NATURAL RESOURCES AT ROMO; ESTES PARK; CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AT NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS; CO 80525 (TEL. 970-225-3556).

Parameter Inventory for Station: ROMO0560

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/23/76-09/23/76	1	8.6	8.6	8.6	8.6	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/23/76-09/23/76	1	30.	30.	30.	30.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/23/76-09/23/76	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/23/76-09/23/76	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/23/76-09/23/76	1	0.251	0.251	0.251	0.251	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/23/76-09/23/76	1	0.56	0.56	0.56	0.56	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0560

Parameter				Total	Exceed	Prop.	6/10-10/31			11/01-4/10			4/11-6/09			n/a		
		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0561

NPS Station ID: ROMO0561
LAT/LON: 40.430059/-105.731504
Agency: 11NPSWRD
Date Created: 08/28/99
Location: Fall R. N. Branch above S. Branch Conf.--#8
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_SM_FRASB
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the Trail Ridge CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0561

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	1	40.	40.	40.	40.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/31/81-07/31/81	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.032	0.032	0.032	0.032	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	1	6.89	6.89	6.89	6.89	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/31/81-07/31/81	1	6.89	6.89	6.89	6.89	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.129	0.129	0.129	0.129	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	1	357.	357.	357.	357.	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	1	0.41	0.41	0.41	0.41	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	1	3.4	3.4	3.4	3.4	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	1	9.8	9.8	9.8	9.8	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0561

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	0	0.00	1	0	0.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0562

NPS Station ID: ROMO0562 | LAT/LON: 40.431115/-105.868615 | Agency: 11NPSWRD | Date Created: 06/18/99
Location: 105314/C04045 | FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): ROMO_NURE_219 /1073793 /1118271
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14010001 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: UPPER COLORADO RIVER | ECO Region:
RF1 Index: 14010001 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE FALL RIVER PASS CO 7.5' SERIES (TOPO.) QUAD. THE SITE IS AT A STREAM WITHIN ROCKY MOUNTAIN NATIONAL PARK (ROMO). EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN ONE WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE U.S. GEOLOGICAL SURVEY "NATIONAL GEOCHEMICAL DATA BASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND KIM BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. "UNIQID" ENTRIES WERE USED TO CREATE THE SECONDARY STATION NAMES. "LASLID" ENTRIES WERE USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LABORATORY. FOR MORE INFORMATION ABOUT THE PARK CONTACT NATURAL RESOURCES AT ROMO; ESTES PARK; CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AT NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS; CO 80525 (TEL. 970-225-3556).

Parameter Inventory for Station: ROMO0562

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/24/76-09/24/76	1	3.9	3.9	3.9	3.9	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/76-09/24/76	1	102.	102.	102.	102.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/24/76-09/24/76	1	5.6	5.6	5.6	5.6	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/24/76-09/24/76	1	5.6	5.6	5.6	5.6	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/24/76-09/24/76	1	2.512	2.512	2.512	2.512	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/24/76-09/24/76	1	2.32	2.32	2.32	2.32	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0562

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0563

NPS Station ID: ROMO0563
LAT/LON: 40.431226/-105.868476
Agency: 11NPSWRD
Date Created: 08/28/99
Location: Big Ditch Cr. above Confl. with Grand Ditch
FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_SM_UCBDCAD
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14010001
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 0
Water Body Id:
Minor Basin: UPPER COLORADO RIVER
ECO Region:
RF1 Index: 14010001
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the Fall River Pass CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0563

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/31/81-07/31/81	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	1	367.	367.	367.	367.	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	1	5.3	5.3	5.3	5.3	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	1	0.82	0.82	0.82	0.82	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	1	0.29	0.29	0.29	0.29	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	1	3.8	3.8	3.8	3.8	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	1	4.5	4.5	4.5	4.5	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0563

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	0	0.00	1	0	0.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0564

NPS Station ID: ROMO0564 LAT/LON: 40.431948/-105.638449 Agency: 11NPSWRD Date Created: 08/28/99
Location: Roaring Rive below Confluence with Ypsilon Creek FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): ROMO_SM_RRBYC
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI RIVER Elevation: 0 Water Body Id:
Minor Basin: SOUTH PLATTE RIVER ECO Region:
RF1 Index: 10190006 RF1 Mile Point: 0.000 Distance from RF1: 12.40 On/Off RF1:
RF3 Index: 10190007002218.40 RF3 Mile Point: 18.39 Distance from RF3: 0.57 On/Off RF3:
Description:
The station is located on the Trail Ridge CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0564

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/31/81-07/31/81	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.126	0.126	0.126	0.126	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/31/81-07/31/81	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.398	0.398	0.398	0.398	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	1	77.	77.	77.	77.	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	1	0.16	0.16	0.16	0.16	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0564

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0565

NPS Station ID: ROMO0565
LAT/LON: 40.431976/-105.892949
Agency: 11NPSWRD
Date Created: 08/28/99
Location: Lake of the Clouds Inlet
FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_SM_UCLOCI
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14010001
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 0
Water Body Id:
Minor Basin: UPPER COLORADO RIVER
ECO Region:
RF1 Index: 14010001
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the Mount Richthofen CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0565

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/31/81-07/31/81	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	1	6.82	6.82	6.82	6.82	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/31/81-07/31/81	1	6.82	6.82	6.82	6.82	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.151	0.151	0.151	0.151	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	1	146.	146.	146.	146.	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	1	0.009	0.009	0.009	0.009	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	1	2.3	2.3	2.3	2.3	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	1	0.14	0.14	0.14	0.14	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	1	1.	1.	1.	1.	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0565

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0566

NPS Station ID: ROMO0566
LAT/LON: 40.432142/-105.641031
Agency: 11NPSWRD
Date Created: 08/28/99
Location: Ypsilon Cr. above Confl. with Roaring River
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_SM_RRAYC
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the Trail Ridge CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0566

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/31/81-07/31/81	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.158	0.158	0.158	0.158	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/31/81-07/31/81	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	1	57.	57.	57.	57.	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	1	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	1	5.9	5.9	5.9	5.9	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0566

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0567

NPS Station ID: ROMO0567
LAT/LON: 40.432781/-105.891393
Agency: 11NPSWRD
Date Created: 08/28/99
Location: Lake of the Clouds at the Surface
FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): ROMO_SM_UCLOCS
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14010001
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 0
Water Body Id:
Minor Basin: UPPER COLORADO RIVER
ECO Region:
RF1 Index: 14010001
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the Mount Richthofen CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0567

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	1	42.	42.	42.	42.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/31/81-07/31/81	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/31/81-07/31/81	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	1	342.	342.	342.	342.	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	1	6.2	6.2	6.2	6.2	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	1	0.27	0.27	0.27	0.27	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	1	0.28	0.28	0.28	0.28	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	1	2.7	2.7	2.7	2.7	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	1	3.1	3.1	3.1	3.1	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0567

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	1	1	1.00	1	1	1.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	0	0.00	1	0	0.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0568

NPS Station ID: ROMO0568
LAT/LON: 40.433865/-105.879087
Agency: 11NPSWRD
Date Created: 08/28/99
Location: Big Dutch Creek below Small Lake
FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_SM_UCBDCL
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14010001
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 0
Water Body Id:
Minor Basin: UPPER COLORADO RIVER
ECO Region:
RF1 Index: 14010001
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the Mount Richthofen CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0568

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	1	46.	46.	46.	46.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/31/81-07/31/81	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	1	7.19	7.19	7.19	7.19	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/31/81-07/31/81	1	7.19	7.19	7.19	7.19	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.065	0.065	0.065	0.065	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	1	357.	357.	357.	357.	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	1	5.8	5.8	5.8	5.8	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	1	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	1	3.8	3.8	3.8	3.8	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	1	4.	4.	4.	4.	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0568

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	0	0.00	1	0	0.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0569

NPS Station ID: ROMO0569
LAT/LON: 40.434643/-105.891170
Agency: 11NPSWRD
Date Created: 08/28/99
Location: Big Dutch Creek Lake of the Clouds Outlet
FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_SM_UCLOCO
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14010001
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 0
Water Body Id:
Minor Basin: UPPER COLORADO RIVER
ECO Region:
RF1 Index: 14010001
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the Mount Richthofen CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0569

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	1	42.	42.	42.	42.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/31/81-07/31/81	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	1	6.85	6.85	6.85	6.85	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/31/81-07/31/81	1	6.85	6.85	6.85	6.85	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.141	0.141	0.141	0.141	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	1	341.	341.	341.	341.	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	1	5.6	5.6	5.6	5.6	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	1	0.31	0.31	0.31	0.31	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	1	0.31	0.31	0.31	0.31	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	1	2.8	2.8	2.8	2.8	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	1	3.6	3.6	3.6	3.6	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0569

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	0	0.00	1	0	0.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0570

NPS Station ID: ROMO0570
LAT/LON: 40.437726/-105.748309
Agency: 11NPSWRD
Date Created: 08/28/99
Location: Fall River North Branch at 3425 m.--#2
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_SM_FR3425
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the Trail Ridge CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0570

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	2	42.	42.	42.	42.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	2	7.45	7.45	7.6	7.3	0.045	0.212	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/31/81-07/31/81	2	7.425	7.425	7.6	7.3	0.046	0.215	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	2	0.038	0.038	0.05	0.025	0.	0.018	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	2	367.5	367.5	377.	358.	180.5	13.435	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	2	4.	4.	4.	4.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	2	2.	2.	2.	2.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	2	0.75	0.75	0.8	0.7	0.005	0.071	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	2	0.35	0.35	0.36	0.34	0.	0.014	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	2	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	2	4.45	4.45	4.7	4.2	0.125	0.354	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	2	8.05	8.05	8.3	7.8	0.125	0.354	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	2	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0570

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	0	0.00	2	0	0.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	2	0	0.00	2	0	0.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	2	0	0.00	2	0	0.00									
		Drinking Water	250.	2	0	0.00	2	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	2	0	0.00	2	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	2	0	0.00	2	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0571

NPS Station ID: ROMO0571 | LAT/LON: 40.439198/-105.661366 | Agency: 11NPSWRD | Date Created: 06/12/99
Location: CHIPMUNK LAKE AT THE EAST END | FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): ROMO_JR_CAP04
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006 | Depth of Water: 0 | Aquifer:
Major Basin: MISSOURI RIVER | Elevation: 0 | Water Body Id:
Minor Basin: SOUTH PLATTE RIVER | ECO Region:
RF1 Index: 10190006 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE TRAIL RIDGE CO 7.5' SERIES (TOPO.) QUADRANGLE. THE SITE IS LOCATED AT CHIPMUNK LAKE AT THE EAST END OF THE LAKE AND IS WITHIN ROCKY MOUNTAIN NATIONAL PARK. THE DATA ARE FROM ANNUAL CAPSHELL SNAIL MONITORING PROGRAM REPORTS BY JOHN RIEBESELL OF THE DEPARTMENT OF NATURAL RESOURCES AT THE UNIVERSITY OF MICHIGAN IN DEARBORN MI. THE REPORTS SUMMARIZED POPULATION DATA AND WATER QUALITY CHARACTERISTICS OF THE HABITAT OF CAPSHELL SNAILS; A CANDIDATE FOR LISTING UNDER THE FEDERAL ENDANGERED SPECIES ACT. FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0571

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094 SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/21/97-07/21/97	1	9.	9.	9.	9.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: ROMO0572

NPS Station ID: ROMO0572
LAT/LON: 40.439337/-105.629338
Agency: 11NPSWRD
Date Created: 08/28/99
Location: Roaring River at about 9800 ft.
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_SM_RR9800
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the Trail Ridge CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0572

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	1	13.5	13.5	13.5	13.5	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/31/81-07/31/81	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	1	6.3	6.3	6.3	6.3	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/31/81-07/31/81	1	6.3	6.3	6.3	6.3	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.501	0.501	0.501	0.501	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	1	95.	95.	95.	95.	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	1	5.7	5.7	5.7	5.7	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0572

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0573

NPS Station ID: ROMO0573 | LAT/LON: 40.441115/-105.678338 | Agency: 12WLS1 | Date Created: 09/03/88
Location: CHIQUITA LAKE | FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): 4E1-013
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 10190007 | Depth of Water: 55 | Aquifer:
Major Basin: | Elevation: 0 | Water Body Id:
Minor Basin: | ECO Region:
RF1 Index: 10190007 | RF1 Mile Point: 0.000 | Distance from RF1: 24.00 | On/Off RF1:
RF3 Index: 10190006041602.51 | RF3 Mile Point: 2.60 | Distance from RF3: 0.04 | On/Off RF3:
Description:
THIS DATA WAS COLLECTED DURING THE WESTERN LAKE SURVEY-PHASE I (WLS-I) AS PART OF EPA'S NATIONAL SURFACE WATER SURVEY, AQUATIC EFFECTS RESEARCH PROGRAM. THE SURVEY DESIGN, METHODS, AND DATA LIMITATIONS ARE DESCRIBED IN:
LANDERS, D.H., ET AL. 1987. CHARACTERISTICS OF LAKES IN THE WESTERN UNITED STATES. VOL. I. POPULATION DESCRIPTIONS AND PHYSICO-CHEMICAL RELATIONSHIPS. EPA/600/4-86/054A. U.S. ENVIRON. PROT. AGENCY, WASHINGTON, D.C. 176 PP.
THE DATA PRESENTED HERE ARE THOSE REPORTED IN LANDERS ET AL. (1987) WITH THE FOLLOWING EXCEPTIONS: (1) UNITS FOR CHEMICAL PARAMETERS ARE TYPICALLY IN MG/L RATHER THAN MICROEQ/L; (2) NO SUBSTITUTED VALUES ARE PROVIDED FOR SUSPECT DATA; (3) TAGS AND FLAGS USED TO IDENTIFY SUSPICIOUS DATA ARE NOT SHOWN; AND (4) CALCULATED OR DERIVED VARIABLES ARE EXCLUDED.

Parameter Inventory for Station: ROMO0573

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/85-10/04/85	1	3.2	3.2	3.2	3.2	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/04/85-10/04/85	1	3.95	3.95	3.95	3.95	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	10/04/85-10/04/85	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/04/85-10/04/85	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00154	SULFATE (AS S) WHOLE WATER, MG/L	10/04/85-10/04/85	1	0.902	0.902	0.902	0.902	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	10/04/85-10/04/85	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/04/85-10/04/85	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/04/85-10/04/85	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	10/04/85-10/04/85	1	42.9	42.9	42.9	42.9	0.	0.	**	**	**	**
00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	10/04/85-10/04/85	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/04/85-10/04/85	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	10/04/85-10/04/85	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00910	CALCIUM (MG/L AS CACO3)	10/04/85-10/04/85	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/04/85-10/04/85	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/04/85-10/04/85	1	0.41	0.41	0.41	0.41	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/04/85-10/04/85	1	0.16	0.16	0.16	0.16	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/04/85-10/04/85	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/04/85-10/04/85	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/04/85-10/04/85	1	2.9	2.9	2.9	2.9	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/04/85-10/04/85	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	10/04/85-10/04/85	1	14.	14.	14.	14.	0.	0.	**	**	**	**
70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	10/04/85-10/04/85	1	0.011	0.011	0.011	0.011	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: ROMO0573

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/04/85-10/04/85	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
71885	IRON (UG/L AS FE)	10/04/85-10/04/85	1	1.	1.	1.	1.	0.	0.	**	**	**	**
72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	10/04/85-10/04/85	1	11347.	11347.	11347.	11347.	0.	0.	**	**	**	**
82047	DEPTH TO THE TOP OF THE SAMPLING INTERVAL (METERS)	10/04/85-10/04/85	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/04/85-10/04/85	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0573

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00154	SULFATE (AS S) WHOLE WATER	Drinking Water	250.	1	0	0.00	1	0	0.00									
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0574

NPS Station ID: ROMO0574
LAT/LON: 40.441282/-105.678226
Agency: 11NPSWRD
Date Created: 08/28/99
Location: Chiquita Lake at the Surface--#30
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): ROMO_SM_YCCLS
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the Trail Ridge CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0574

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	1	22.	22.	22.	22.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/31/81-07/31/81	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	1	6.83	6.83	6.83	6.83	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/31/81-07/31/81	1	6.83	6.83	6.83	6.83	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.148	0.148	0.148	0.148	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	1	34.	34.	34.	34.	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	1	0.26	0.26	0.26	0.26	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	1	3.3	3.3	3.3	3.3	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0574

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0575

NPS Station ID: ROMO0575
LAT/LON: 40.441615/-105.651699
Agency: 11NPSWRD
Date Created: 08/28/99
Location: Ypsilon Cr. Trib. @ 10180 ft. blw Fay Lakes--#18
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_SM_YCACC
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the Trail Ridge CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0575

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/31/81-07/31/81	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	1	63.	63.	63.	63.	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	1	0.17	0.17	0.17	0.17	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	1	1.9	1.9	1.9	1.9	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0575

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0576

NPS Station ID: ROMO0576
LAT/LON: 40.442198/-105.678142
Agency: 11NPSWRD
Date Created: 08/28/99
Location: Chiquita Lake Outlet
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_SM_YCCLO
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the Trail Ridge CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0576

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/31/81-07/31/81	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	1	6.78	6.78	6.78	6.78	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/31/81-07/31/81	1	6.78	6.78	6.78	6.78	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.166	0.166	0.166	0.166	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	1	38.	38.	38.	38.	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	1	0.21	0.21	0.21	0.21	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	1	2.8	2.8	2.8	2.8	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0576

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0577

NPS Station ID: ROMO0577
LAT/LON: 40.443170/-105.661477
Agency: 11NPSWRD
Date Created: 08/28/99
Location: Ypsilon Creek Ypsilon Lake Outlet--#42
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_SM_YCYLO
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the Trail Ridge CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0577

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/31/81-07/31/81	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	1	6.83	6.83	6.83	6.83	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/31/81-07/31/81	1	6.83	6.83	6.83	6.83	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.148	0.148	0.148	0.148	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	1	37.	37.	37.	37.	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	1	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	1	3.7	3.7	3.7	3.7	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0577

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0578

NPS Station ID: ROMO0578
LAT/LON: 40.443281/-105.664142
Agency: 11NPSWRD
Date Created: 08/28/99
Location: Ypsilon Creek Ypsilon Lake Inlet--#38
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_SM_YCYLI
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the Trail Ridge CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0578

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/31/81-07/31/81	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	1	6.45	6.45	6.45	6.45	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/31/81-07/31/81	1	6.45	6.45	6.45	6.45	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.355	0.355	0.355	0.355	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	1	33.	33.	33.	33.	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	1	0.17	0.17	0.17	0.17	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	1	3.9	3.9	3.9	3.9	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0578

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0579

NPS Station ID: ROMO0579
LAT/LON: 40.443420/-105.670866
Agency: 11NPSWRD
Date Created: 08/28/99
Location: Ypsilon Cr. at 10900 ft. above Ypsilon Lake--#34
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_SM_YCBDRN
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the Trail Ridge CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0579

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/31/81-07/31/81	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	1	6.17	6.17	6.17	6.17	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/31/81-07/31/81	1	6.17	6.17	6.17	6.17	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.676	0.676	0.676	0.676	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	1	28.	28.	28.	28.	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	1	0.009	0.009	0.009	0.009	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	1	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	1	3.9	3.9	3.9	3.9	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0579

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0580

NPS Station ID: ROMO0580
LAT/LON: 40.443726/-105.663060
Agency: 11NPSWRD
Date Created: 08/28/99
Location: Ypsilon Lake at the Surface--#40
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): ROMO_SM_YCYLS
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the Trail Ridge CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0580

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	2	13.	13.	13.	13.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	2	15.	15.	15.	15.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	2	7.	7.	7.	7.	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/31/81-07/31/81	2	7.	7.	7.	7.	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	2	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	2	7.	7.	7.	7.	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/31/81-07/31/81	2	7.	7.	7.	7.	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	2	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	2	39.	39.	42.	36.	18.	4.243	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	2 ##	0.002	0.002	0.003	0.	0.	0.002	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	2	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	2	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	2	0.35	0.35	0.4	0.3	0.005	0.071	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	2	0.16	0.16	0.18	0.14	0.001	0.028	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	2	0.15	0.15	0.2	0.1	0.005	0.071	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	2	1.1	1.1	1.2	1.	0.02	0.141	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	2	3.35	3.35	3.7	3.	0.245	0.495	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	2	0.5	0.5	0.6	0.4	0.02	0.141	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0580

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	0	0.00	2	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	0	0.00	2	0	0.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	2	2	1.00	2	2	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	2	0	0.00	2	0	0.00									
		Drinking Water	250.	2	0	0.00	2	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	2	0	0.00	2	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	2	0	0.00	2	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0581

NPS Station ID: ROMO0581 LAT/LON: 40.443753/-105.663004 Agency: 11NPSWRD Date Created: 06/12/99
Location: YPSILON LAKE--MIDWAY ALONG THE SOUTH SHORE FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): ROMO_JR_CAP28
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI RIVER Elevation: 0 Water Body Id:
Minor Basin: SOUTH PLATTE RIVER ECO Region:
RF1 Index: 10190006 RF1 Mile Point: 0.000 Distance from RF1: 12.40 On/Off RF1:
RF3 Index: 10190007002218.40 RF3 Mile Point: 18.39 Distance from RF3: 0.57 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE TRAIL RIDGE CO 7.5' SERIES (TOPO.) QUADRANGLE. THE SITE IS LOCATED AT YPSILON LAKE MIDWAY ALONG THE SOUTH SHORE AND IS WITHIN ROCKY MOUNTAIN NATIONAL PARK. THE DATA ARE FROM ANNUAL CAPSHELL SNAIL MONITORING PROGRAM REPORTS BY JOHN RIEBESELL OF THE DEPARTMENT OF NATURAL RESOURCES AT THE UNIVERSITY OF MICHIGAN IN DEARBORN MI. TTHE REPORTS SUMMARIZED POPULATION DATA AND WATER QUALITY CHARACTERISTICS OF THE HABITAT OF CAPSHELL SNAILS; A CANDIDATE FOR LISTING UNDER THE FEDERAL ENDANGERED SPECIES ACT. FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0581

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/21/97-07/21/97	1	9.	9.	9.	9.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: ROMO0582

NPS Station ID: ROMO0582
LAT/LON: 40.444059/-105.672226
Agency: 11NPSWRD
Date Created: 09/05/99
Location: Tributary to Ypsilon Cr. above Ypsilon Lake--#35
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_SM_YCDRN
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the Trail Ridge CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0582

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	1	23.	23.	23.	23.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/31/81-07/31/81	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	1	6.12	6.12	6.12	6.12	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/31/81-07/31/81	1	6.12	6.12	6.12	6.12	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.759	0.759	0.759	0.759	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	1	33.	33.	33.	33.	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	1	0.009	0.009	0.009	0.009	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	1	4.7	4.7	4.7	4.7	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0582

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0583

NPS Station ID: ROMO0583 | LAT/LON: 40.444199/-105.463115 | Agency: 11NPSWRD | Date Created: 06/18/99
Location: 105403/C04072 | FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): ROMO_NURE_015 /1073818 /1118296
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 10190006 | Depth of Water: 0 | Aquifer:
Major Basin: MISSOURI RIVER | Elevation: 0 | Water Body Id:
Minor Basin: SOUTH PLATTE RIVER | ECO Region:
RF1 Index: 10190006 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE "GLEN HAVEN COLORADO" 7.5 MINUTE SERIES QUADRANGLE. THE SITE IS AT A STREAM OUTSIDE OF ROCKY MOUNTAIN NATIONAL PARK. EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO ONE WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATA BASE: "NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SOIL; STREAM SEDIMENT; SURFACE WATER; AND GROUND WATER DATA. "UNIQID" FIELD ENTRIES WERE USED TO CREATE THE SECONDARY STATION NAMES. THE "LASLID" FIELD ENTRIES (LAB SAMPLE NUMBERS) WERE USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LAB. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND KELLI O'CONNOR; NATIONAL PARK SERVICE WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0583

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/22/76-09/22/76	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/22/76-09/22/76	1	23.	23.	23.	23.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/22/76-09/22/76	1	6.2	6.2	6.2	6.2	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/22/76-09/22/76	1	6.2	6.2	6.2	6.2	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/22/76-09/22/76	1	0.631	0.631	0.631	0.631	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/22/76-09/22/76	1	0.56	0.56	0.56	0.56	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0583

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0584

NPS Station ID: ROMO0584
LAT/LON: 40.447949/-105.668699
Agency: 11NPSWRD
Date Created: 08/28/99
Location: Lower Spectacle Lake Outlet--#26
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_SM_YCLSLO
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the Trail Ridge CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0584

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/31/81-07/31/81	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	1	6.58	6.58	6.58	6.58	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/31/81-07/31/81	1	6.58	6.58	6.58	6.58	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.263	0.263	0.263	0.263	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	1	26.	26.	26.	26.	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	1	0.11	0.11	0.11	0.11	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0584

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0585

NPS Station ID: ROMO0585
LAT/LON: 40.448059/-105.658003
Agency: 11NPSWRD
Date Created: 08/28/99
Location: Lower Fay Lake Outlet--#16
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_SM_YCLFLO
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the Trail Ridge CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0585

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	1	21.	21.	21.	21.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/31/81-07/31/81	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/31/81-07/31/81	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.316	0.316	0.316	0.316	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	1	54.	54.	54.	54.	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	1	0.18	0.18	0.18	0.18	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0585

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0586

NPS Station ID: ROMO0586 | LAT/LON: 40.448616/-105.860309 | Agency: 11NPSWRD | Date Created: 06/18/99
Location: 105313/C04044 | FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): ROMO_NURE_223 /1073792 /1118270
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14010001 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: UPPER COLORADO RIVER | ECO Region:
RF1 Index: 14010001 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE FALL RIVER PASS CO 7.5' SERIES (TOPO.) QUAD. THE SITE IS AT A STREAM WITHIN ROCKY MOUNTAIN NATIONAL PARK (ROMO). EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN ONE WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE U.S. GEOLOGICAL SURVEY "NATIONAL GEOCHEMICAL DATA BASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND KIM BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. "UNIQID" ENTRIES WERE USED TO CREATE THE SECONDARY STATION NAMES. "LASLID" ENTRIES WERE USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LABORATORY. FOR MORE INFORMATION ABOUT THE PARK CONTACT NATURAL RESOURCES AT ROMO; ESTES PARK; CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AT NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS; CO 80525 (TEL. 970-225-3556).

Parameter Inventory for Station: ROMO0586

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/24/76-09/24/76	1	3.4	3.4	3.4	3.4	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/76-09/24/76	1	88.	88.	88.	88.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/24/76-09/24/76	1	5.9	5.9	5.9	5.9	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/24/76-09/24/76	1	5.9	5.9	5.9	5.9	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/24/76-09/24/76	1	1.259	1.259	1.259	1.259	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/24/76-09/24/76	1	1.47	1.47	1.47	1.47	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0586

Parameter				Total	Exceed	Prop.	6/10-10/31			11/01-4/10			4/11-6/09			n/a		
		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0587

NPS Station ID: ROMO0587
LAT/LON: 40.448699/-105.860420
Agency: 11NPSWRD
Date Created: 08/28/99
Location: Middle Dutch Cr. above Confl. with Grand Ditch
FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_SM_UCMDC
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14010001
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 0
Water Body Id:
Minor Basin: UPPER COLORADO RIVER
ECO Region:
RF1 Index: 14010001
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the Fall River Pass CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0587

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	1	52.	52.	52.	52.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/31/81-07/31/81	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/31/81-07/31/81	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	1	361.	361.	361.	361.	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	1	0.86	0.86	0.86	0.86	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0587

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	0	0.00	1	0	0.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0588

NPS Station ID: ROMO0588
LAT/LON: 40.449198/-105.659003
Agency: 11NPSWRD
Date Created: 08/28/99
Location: Lower Fay Lake Inlet--#14
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_SM_YCLFLI
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the Trail Ridge CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0588

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	1	22.	22.	22.	22.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/31/81-07/31/81	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	1	6.27	6.27	6.27	6.27	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/31/81-07/31/81	1	6.27	6.27	6.27	6.27	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.537	0.537	0.537	0.537	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	1	60.	60.	60.	60.	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	1	0.19	0.19	0.19	0.19	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	1	7.	7.	7.	7.	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0588

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0589

NPS Station ID: ROMO0589
LAT/LON: 40.449670/-105.673504
Agency: 11NPSWRD
Date Created: 09/05/99
Location: Upper Spectacle Lake Outlet--#22
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_SM_YCUSLO
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the Trail Ridge CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0589

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/31/81-07/31/81	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	1	6.41	6.41	6.41	6.41	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/31/81-07/31/81	1	6.41	6.41	6.41	6.41	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.389	0.389	0.389	0.389	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	1	0.13	0.13	0.13	0.13	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	1	0.007	0.007	0.007	0.007	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	1	1.9	1.9	1.9	1.9	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0589

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0590

NPS Station ID: ROMO0590
LAT/LON: 40.449809/-105.628060
Agency: 11NPSWRD
Date Created: 08/28/99
Location: Roaring River below Tributary at 10360 ft.
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_SM_RRBL24
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the Trail Ridge CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0590

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/31/81-07/31/81	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.158	0.158	0.158	0.158	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/31/81-07/31/81	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.316	0.316	0.316	0.316	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	1	75.	75.	75.	75.	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	1	0.13	0.13	0.13	0.13	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0590

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0591

NPS Station ID: ROMO0591
LAT/LON: 40.451115/-105.675004
Agency: 12WLS1
Date Created: 09/03/88
Location: SPECTACLE LAKES (NW)
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 4E1-012
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190007
Depth of Water: 39
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 10190007
RF1 Mile Point: 0.000
Distance from RF1: 30.90
On/Off RF1:
RF3 Index: 10190007154901.15
RF3 Mile Point: 1.14
Distance from RF3: 0.03
On/Off RF3:
Description:
THIS DATA WAS COLLECTED DURING THE WESTERN LAKE SURVEY-PHASE I (WLS-I) AS PART OF EPA'S NATIONAL SURFACE WATER SURVEY, AQUATIC EFFECTS RESEARCH PROGRAM. THE SURVEY DESIGN, METHODS, AND DATA LIMITATIONS ARE DESCRIBED IN:
LANDERS, D.H., ET AL. 1987. CHARACTERISTICS OF LAKES IN THE WESTERN UNITED STATES. VOL. I. POPULATION DESCRIPTIONS AND PHYSICO-CHEMICAL RELATIONSHIPS. EPA/600/4-86/054A. U.S. ENVIRON. PROT. AGENCY, WASHINGTON, D.C. 176 PP.
THE DATA PRESENTED HERE ARE THOSE REPORTED IN LANDERS ET AL. (1987) WITH THE FOLLOWING EXCEPTIONS: (1) UNITS FOR CHEMICAL PARAMETERS ARE TYPICALLY IN MG/L RATHER THAN MICROEQ/L; (2) NO SUBSTITUTED VALUES ARE PROVIDED FOR SUSPECT DATA; (3) TAGS AND FLAGS USED TO IDENTIFY SUSPICIOUS DATA ARE NOT SHOWN; AND (4) CALCULATED OR DERIVED VARIABLES ARE EXCLUDED.

Parameter Inventory for Station: ROMO0591

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/06/85-10/06/85	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/06/85-10/06/85	1	6.05	6.05	6.05	6.05	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	10/06/85-10/06/85	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/06/85-10/06/85	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00154	SULFATE (AS S) WHOLE WATER, MG/L	10/06/85-10/06/85	1	0.764	0.764	0.764	0.764	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	10/06/85-10/06/85	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/06/85-10/06/85	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/06/85-10/06/85	1	0.398	0.398	0.398	0.398	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	10/06/85-10/06/85	1	18.3	18.3	18.3	18.3	0.	0.	**	**	**	**
00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	10/06/85-10/06/85	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/06/85-10/06/85	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	10/06/85-10/06/85	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00910	CALCIUM (MG/L AS CACO3)	10/06/85-10/06/85	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/06/85-10/06/85	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/06/85-10/06/85	1	0.26	0.26	0.26	0.26	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/06/85-10/06/85	1	0.11	0.11	0.11	0.11	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/06/85-10/06/85	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/06/85-10/06/85	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/06/85-10/06/85	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/06/85-10/06/85	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	10/06/85-10/06/85	1	10.	10.	10.	10.	0.	0.	**	**	**	**
70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	10/06/85-10/06/85	1	0.037	0.037	0.037	0.037	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: ROMO0591

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/06/85-10/06/85	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
71885	IRON (UG/L AS FE)	10/06/85-10/06/85	1	0.	0.	0.	0.	0.	0.	**	**	**	**
72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	10/06/85-10/06/85	1	11347.	11347.	11347.	11347.	0.	0.	**	**	**	**
82047	DEPTH TO THE TOP OF THE SAMPLING INTERVAL (METERS)	10/06/85-10/06/85	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/06/85-10/06/85	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0591

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00154	SULFATE (AS S) WHOLE WATER	Drinking Water	250.	1	0	0.00	1	0	0.00									
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0592

NPS Station ID: ROMO0592
LAT/LON: 40.451309/-105.627254
Agency: 11NPSWRD
Date Created: 08/28/99
Location: Roaring River below Lawn Lake at 10390 ft.
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_SM_RRBL20
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the Trail Ridge CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0592

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/31/81-07/31/81	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/31/81-07/31/81	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	1	78.	78.	78.	78.	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	1	0.13	0.13	0.13	0.13	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0592

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0593

NPS Station ID: ROMO0593 | LAT/LON: 40.451392/-105.860810 | Agency: 11NPSWRD | Date Created: 06/18/99
Location: 105312/C04043 | FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): ROMO_NURE_224 /1073791 /1118269
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14010001 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: UPPER COLORADO RIVER | ECO Region:
RF1 Index: 14010001 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE FALL RIVER PASS CO 7.5' SERIES (TOPO.) QUAD. THE SITE IS AT A STREAM WITHIN ROCKY MOUNTAIN NATIONAL PARK (ROMO). EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN ONE WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE U.S. GEOLOGICAL SURVEY "NATIONAL GEOCHEMICAL DATA BASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND KIM BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. "UNIQID" ENTRIES WERE USED TO CREATE THE SECONDARY STATION NAMES. "LASLID" ENTRIES WERE USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LABORATORY. FOR MORE INFORMATION ABOUT THE PARK CONTACT NATURAL RESOURCES AT ROMO; ESTES PARK; CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AT NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS; CO 80525 (TEL. 970-225-3556).

Parameter Inventory for Station: ROMO0593

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/24/76-09/24/76	1	2.9	2.9	2.9	2.9	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/76-09/24/76	1	80.	80.	80.	80.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/24/76-09/24/76	1	5.8	5.8	5.8	5.8	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/24/76-09/24/76	1	5.8	5.8	5.8	5.8	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/24/76-09/24/76	1	1.585	1.585	1.585	1.585	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/24/76-09/24/76	1	1.35	1.35	1.35	1.35	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0593

Parameter				Total	Exceed	Prop.	6/10-10/31			11/01-4/10			4/11-6/09			n/a		
		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0594

NPS Station ID: ROMO0594
LAT/LON: 40.451531/-105.860476
Agency: 11NPSWRD
Date Created: 08/28/99
Location: Little Dutch Cr. above Confl. with Grand Ditch
FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_SM_UCLDC
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14010001
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 0
Water Body Id:
Minor Basin: UPPER COLORADO RIVER
ECO Region:
RF1 Index: 14010001
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the Fall River Pass CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0594

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	1	65.	65.	65.	65.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/31/81-07/31/81	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	1	6.71	6.71	6.71	6.71	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/31/81-07/31/81	1	6.71	6.71	6.71	6.71	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.195	0.195	0.195	0.195	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	1	374.	374.	374.	374.	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	1	0.62	0.62	0.62	0.62	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	1	0.28	0.28	0.28	0.28	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0594

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	0	0.00	1	0	0.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0595

NPS Station ID: ROMO0595
LAT/LON: 40.451865/-105.675477
Agency: 11NPSWRD
Date Created: 08/28/99
Location: Upper Spectacle Lake Inlet--#19
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_SM_YCUSLI
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the Trail Ridge CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0595

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/31/81-07/31/81	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	1	6.41	6.41	6.41	6.41	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/31/81-07/31/81	1	6.41	6.41	6.41	6.41	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.389	0.389	0.389	0.389	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	1	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0595

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0596

NPS Station ID: ROMO0596 | LAT/LON: 40.451892/-105.450005 | Agency: 11NPSWRD | Date Created: 06/18/99
Location: 105735/C04231 | FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): ROMO_NURE_022 /1073944 /1118422
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 10190006 | Depth of Water: 0 | Aquifer:
Major Basin: MISSOURI RIVER | Elevation: 0 | Water Body Id:
Minor Basin: SOUTH PLATTE RIVER | ECO Region:
RF1 Index: 10190006 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE "GLEN HAVEN COLORADO" 7.5 MINUTE SERIES QUADRANGLE. THE SITE IS AT A STREAM OUTSIDE OF ROCKY MOUNTAIN NATIONAL PARK. EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO ONE WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATA BASE: "NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SOIL; STREAM SEDIMENT; SURFACE WATER; AND GROUND WATER DATA. "UNIQID" FIELD ENTRIES WERE USED TO CREATE THE SECONDARY STATION NAMES. THE "LASLID" FIELD ENTRIES (LAB SAMPLE NUMBERS) WERE USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LAB. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND KELLI O'CONNOR; NATIONAL PARK SERVICE WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0596

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/20/76-09/20/76	1	10.2	10.2	10.2	10.2	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/20/76-09/20/76	1	42.	42.	42.	42.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/20/76-09/20/76	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/20/76-09/20/76	1	8.4	8.4	8.4	8.4	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/20/76-09/20/76	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/20/76-09/20/76	1	1.83	1.83	1.83	1.83	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0596

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0597

NPS Station ID: ROMO0597
LAT/LON: 40.453809/-105.660616
Agency: 11NPSWRD
Date Created: 08/28/99
Location: Middle Fay Lake Outlet--#12
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_SM_YCMFLO
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the Trail Ridge CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0597

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/31/81-07/31/81	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	1	5.94	5.94	5.94	5.94	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/31/81-07/31/81	1	5.94	5.94	5.94	5.94	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	1.148	1.148	1.148	1.148	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	1	42.	42.	42.	42.	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	1	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	1	5.6	5.6	5.6	5.6	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0597

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0598

NPS Station ID: ROMO0598
LAT/LON: 40.454142/-105.662282
Agency: 11NPSWRD
Date Created: 08/28/99
Location: Middle Fay Lake West Inlet--#8
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_SM_YCWIMFL
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the Trail Ridge CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0598

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	1	21.	21.	21.	21.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/31/81-07/31/81	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	1	5.96	5.96	5.96	5.96	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/31/81-07/31/81	1	5.96	5.96	5.96	5.96	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	1.096	1.096	1.096	1.096	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	1	35.	35.	35.	35.	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	1	0.007	0.007	0.007	0.007	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	1	0.11	0.11	0.11	0.11	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	1	4.6	4.6	4.6	4.6	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	1	1.	1.	1.	1.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0598

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0599

NPS Station ID: ROMO0599 | LAT/LON: 40.454198/-105.462198 | Agency: 11NPSWRD | Date Created: 06/18/99
Location: 105736/C04232 | FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): ROMO_NURE_021 /1073945 /1118423
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 10190006 | Depth of Water: 0 | Aquifer:
Major Basin: MISSOURI RIVER | Elevation: 0 | Water Body Id:
Minor Basin: SOUTH PLATTE RIVER | ECO Region:
RF1 Index: 10190006 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE "GLEN HAVEN COLORADO" 7.5 MINUTE SERIES QUADRANGLE. THE SITE IS AT A STREAM OUTSIDE OF ROCKY MOUNTAIN NATIONAL PARK. EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO ONE WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATA BASE: "NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SOIL; STREAM SEDIMENT; SURFACE WATER; AND GROUND WATER DATA. "UNIQID" FIELD ENTRIES WERE USED TO CREATE THE SECONDARY STATION NAMES. THE "LASLID" FIELD ENTRIES (LAB SAMPLE NUMBERS) WERE USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LAB. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND KELLI O'CONNOR; NATIONAL PARK SERVICE WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0599

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/20/76-09/20/76	1	9.8	9.8	9.8	9.8	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/20/76-09/20/76	1	80.	80.	80.	80.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/20/76-09/20/76	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/20/76-09/20/76	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/20/76-09/20/76	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/20/76-09/20/76	1	0.44	0.44	0.44	0.44	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0599

				Total	Exceed	Prop.	6/10-10/31			11/01-4/10			4/11-6/09			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0600

NPS Station ID: ROMO0600
LAT/LON: 40.454365/-105.661115
Agency: 11NPSWRD
Date Created: 08/28/99
Location: Middle Fay Lake at the Surface--#10
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): ROMO_SM_YCMFLS
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the Trail Ridge CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0600

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/31/81-07/31/81	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	1	6.05	6.05	6.05	6.05	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/31/81-07/31/81	1	6.05	6.05	6.05	6.05	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.891	0.891	0.891	0.891	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	1	42.	42.	42.	42.	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	1	0.007	0.007	0.007	0.007	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	1	0.18	0.18	0.18	0.18	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	1	5.7	5.7	5.7	5.7	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0600

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0601

NPS Station ID: ROMO0601
LAT/LON: 40.454420/-105.667670
Agency: 11NPSWRD
Date Created: 08/28/99
Location: Upper Fay Lake Outlet---#6
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_SM_YCOUFL
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the Trail Ridge CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0601

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	1	21.	21.	21.	21.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/31/81-07/31/81	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	1	5.63	5.63	5.63	5.63	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/31/81-07/31/81	1	5.63	5.63	5.63	5.63	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	2.344	2.344	2.344	2.344	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	1	31.	31.	31.	31.	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	1	0.009	0.009	0.009	0.009	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	1	0.14	0.14	0.14	0.14	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	1	4.5	4.5	4.5	4.5	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0601

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0602

NPS Station ID: ROMO0602
LAT/LON: 40.454726/-105.669087
Agency: 11NPSWRD
Date Created: 08/28/99
Location: Upper Fay Lake Inlet--#2
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_SM_YCIUFL
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the Trail Ridge CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0602

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/31/81-07/31/81	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	1	5.9	5.9	5.9	5.9	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/31/81-07/31/81	1	5.9	5.9	5.9	5.9	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	1.259	1.259	1.259	1.259	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	1	31.	31.	31.	31.	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	1	0.009	0.009	0.009	0.009	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	1	4.	4.	4.	4.	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0602

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0603

NPS Station ID: ROMO0603
LAT/LON: 40.455031/-105.661003
Agency: 11NPSWRD
Date Created: 08/28/99
Location: Middle Fay Lake North Inlet--#9
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_SM_YCNIMFL
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the Trail Ridge CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0603

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/31/81-07/31/81	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	1	6.2	6.2	6.2	6.2	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/31/81-07/31/81	1	6.2	6.2	6.2	6.2	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.631	0.631	0.631	0.631	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	1	66.	66.	66.	66.	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	1	0.16	0.16	0.16	0.16	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0603

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0604

NPS Station ID: ROMO0604 | LAT/LON: 40.455615/-105.451892 | Agency: 11NPSWRD | Date Created: 06/18/99
Location: 105737/C04233 | FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): ROMO_NURE_020 /1073946 /1118424
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 10190006 | Depth of Water: 0 | Aquifer:
Major Basin: MISSOURI RIVER | Elevation: 0 | Water Body Id:
Minor Basin: SOUTH PLATTE RIVER | ECO Region:
RF1 Index: 10190006 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE "GLEN HAVEN COLORADO" 7.5 MINUTE SERIES QUADRANGLE. THE SITE IS AT A STREAM OUTSIDE OF ROCKY MOUNTAIN NATIONAL PARK. EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO ONE WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATA BASE: "NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SOIL; STREAM SEDIMENT; SURFACE WATER; AND GROUND WATER DATA. "UNIQID" FIELD ENTRIES WERE USED TO CREATE THE SECONDARY STATION NAMES. THE "LASLID" FIELD ENTRIES (LAB SAMPLE NUMBERS) WERE USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LAB. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND KELLI O'CONNOR; NATIONAL PARK SERVICE WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0604

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/20/76-09/20/76	1	8.9	8.9	8.9	8.9	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/20/76-09/20/76	1	27.	27.	27.	27.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/20/76-09/20/76	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/20/76-09/20/76	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/20/76-09/20/76	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/20/76-09/20/76	1	0.95	0.95	0.95	0.95	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0604

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	1	1.00	1	1	1.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0605

NPS Station ID: ROMO0605
LAT/LON: 40.458309/-105.866865
Agency: 11NPSWRD
Date Created: 08/28/99
Location: Sawmill Creek above Confluence with Grand Ditch
FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_SM_UCSCAGD
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14010001
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 0
Water Body Id:
Minor Basin: UPPER COLORADO RIVER
ECO Region:
RF1 Index: 14010001
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the Fall River Pass CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0605

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	1	73.	73.	73.	73.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/31/81-07/31/81	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	1	6.95	6.95	6.95	6.95	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/31/81-07/31/81	1	6.95	6.95	6.95	6.95	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.112	0.112	0.112	0.112	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	1	580.	580.	580.	580.	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	1	0.85	0.85	0.85	0.85	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	1	0.26	0.26	0.26	0.26	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	1	7.5	7.5	7.5	7.5	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0605

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	0	0.00	1	0	0.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0606

NPS Station ID: ROMO0606 | LAT/LON: 40.458309/-105.867198 | Agency: 11NPSWRD | Date Created: 06/18/99
Location: 105311/C04042 | FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): ROMO_NURE_220 /1073790 /1118268
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14010001 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: UPPER COLORADO RIVER | ECO Region:
RF1 Index: 14010001 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE FALL RIVER PASS CO 7.5' SERIES (TOPO.) QUAD. THE SITE IS AT A STREAM WITHIN ROCKY MOUNTAIN NATIONAL PARK (ROMO). EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN ONE WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE U.S. GEOLOGICAL SURVEY "NATIONAL GEOCHEMICAL DATA BASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND KIM BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. "UNIQID" ENTRIES WERE USED TO CREATE THE SECONDARY STATION NAMES. "LASLID" ENTRIES WERE USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LABORATORY. FOR MORE INFORMATION ABOUT THE PARK CONTACT NATURAL RESOURCES AT ROMO; ESTES PARK; CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AT NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS; CO 80525 (TEL. 970-225-3556).

Parameter Inventory for Station: ROMO0606

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/24/76-09/24/76	1	4.3	4.3	4.3	4.3	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/76-09/24/76	1	105.	105.	105.	105.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/24/76-09/24/76	1	5.6	5.6	5.6	5.6	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/24/76-09/24/76	1	5.6	5.6	5.6	5.6	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/24/76-09/24/76	1	2.512	2.512	2.512	2.512	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/24/76-09/24/76	1	3.76	3.76	3.76	3.76	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0606

Parameter				Total	Exceed	Prop.	6/10-10/31			11/01-4/10			4/11-6/09			n/a		
		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0607

NPS Station ID: ROMO0607
LAT/LON: 40.461393/-105.621421
Agency: 11NPSWRD
Date Created: 08/28/99
Location: Roaring River at Bend below Lawn Lake
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_SM_RRBEND
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the Estes Park CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0607

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/31/81-07/31/81	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	1	6.1	6.1	6.1	6.1	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/31/81-07/31/81	1	6.1	6.1	6.1	6.1	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.794	0.794	0.794	0.794	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	1	83.	83.	83.	83.	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	1	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	1	6.1	6.1	6.1	6.1	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0607

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0608

NPS Station ID: ROMO0608
LAT/LON: 40.461698/-105.861754
Agency: 11NPSWRD
Date Created: 08/28/99
Location: Box Canyon Cr. above Confl. with Grand Ditch
FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_SM_UCBCAGD
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14010001
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 0
Water Body Id:
Minor Basin: UPPER COLORADO RIVER
ECO Region:
RF1 Index: 14010001
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the Fall River Pass CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0608

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	1	47.	47.	47.	47.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	2	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/31/81-07/31/81	2	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	2	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	2	370.5	370.5	375.	366.	40.5	6.364	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	2	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	2	4.3	4.3	4.3	4.3	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	2	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	2	0.41	0.41	0.41	0.41	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	2	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	2	4.15	4.15	4.2	4.1	0.005	0.071	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	2	16.55	16.55	16.6	16.5	0.005	0.071	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	2	0.095	0.095	0.1	0.09	0.	0.007	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0608

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	0	0.00	2	0	0.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	2	0	0.00	2	0	0.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	2	0	0.00	2	0	0.00									
		Drinking Water	250.	2	0	0.00	2	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	2	0	0.00	2	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	2	0	0.00	2	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0609

NPS Station ID: ROMO0609 | LAT/LON: 40.461892/-105.861392 | Agency: 11NPSWRD | Date Created: 06/18/99
Location: 105310/C04041 | FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): ROMO_NURE_222 /1073789 /1118267
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14010001 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: UPPER COLORADO RIVER | ECO Region:
RF1 Index: 14010001 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE FALL RIVER PASS CO 7.5' SERIES (TOPO.) QUAD. THE SITE IS AT A STREAM WITHIN ROCKY MOUNTAIN NATIONAL PARK (ROMO). EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN ONE WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE U.S. GEOLOGICAL SURVEY "NATIONAL GEOCHEMICAL DATA BASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND KIM BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. "UNIQID" ENTRIES WERE USED TO CREATE THE SECONDARY STATION NAMES. "LASLID" ENTRIES WERE USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LABORATORY. FOR MORE INFORMATION ABOUT THE PARK CONTACT NATURAL RESOURCES AT ROMO; ESTES PARK; CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AT NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS; CO 80525 (TEL. 970-225-3556).

Parameter Inventory for Station: ROMO0609

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/24/76-09/24/76	1	3.9	3.9	3.9	3.9	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/76-09/24/76	1	129.	129.	129.	129.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/24/76-09/24/76	1	5.4	5.4	5.4	5.4	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/24/76-09/24/76	1	5.4	5.4	5.4	5.4	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/24/76-09/24/76	1	3.981	3.981	3.981	3.981	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/24/76-09/24/76	1	2.92	2.92	2.92	2.92	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0609

Parameter				Total	Exceed	Prop.	6/10-10/31			11/01-4/10			4/11-6/09			n/a		
		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0610

NPS Station ID: ROMO0610
LAT/LON: 40.464393/-105.627420
Agency: 11NPSWRD
Date Created: 08/28/99
Location: Roaring River Lawn Lake Outlet
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_SM_RRLLO16
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the Trail Ridge CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0610

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/31/81-07/31/81	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.126	0.126	0.126	0.126	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	1	6.2	6.2	6.2	6.2	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/31/81-07/31/81	1	6.2	6.2	6.2	6.2	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.631	0.631	0.631	0.631	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	1	83.	83.	83.	83.	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	1	0.14	0.14	0.14	0.14	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	1	5.7	5.7	5.7	5.7	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0610

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0611

NPS Station ID: ROMO0611
LAT/LON: 40.465559/-105.846115
Agency: 112WRD
Date Created: 11/07/81
Location: LADY CREEK NEAR GRAND LAKE, CO.
FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 09010100
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14010001
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 14010001049
RF1 Mile Point: 19.340
Distance from RF1: 3.20
On/Off RF1: OFF
RF3 Index: 14010001120801.88
RF3 Mile Point: 3.53
Distance from RF3: 0.05
On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0611

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/14/71-07/16/74	6	7.25	6.5	11.	1.	17.6	4.195	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: ROMO0612

NPS Station ID: ROMO0612 LAT/LON: 40.465615/-105.846392 Agency: 11NPSWRD Date Created: 06/18/99
Location: 105309/C04040 FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): ROMO_NURE_233 /1073788 /1118266
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 14010001 Depth of Water: 0 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: UPPER COLORADO RIVER ECO Region:
RF1 Index: 14010001 RF1 Mile Point: 0.000 Distance from RF1: 12.40 On/Off RF1:
RF3 Index: 10190007002218.40 RF3 Mile Point: 18.39 Distance from RF3: 0.57 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE FALL RIVER PASS CO 7.5' SERIES (TOPO.) QUAD. THE SITE IS AT A STREAM WITHIN ROCKY MOUNTAIN NATIONAL PARK (ROMO). EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN ONE WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE U.S. GEOLOGICAL SURVEY "NATIONAL GEOCHEMICAL DATA BASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND KIM BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. "UNIQID" ENTRIES WERE USED TO CREATE THE SECONDARY STATION NAMES. "LASLID" ENTRIES WERE USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LABORATORY. FOR MORE INFORMATION ABOUT THE PARK CONTACT NATURAL RESOURCES AT ROMO; ESTES PARK; CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AT NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS; CO 80525 (TEL. 970-225-3556).

Parameter Inventory for Station: ROMO0612

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/24/76-09/24/76	1	3.9	3.9	3.9	3.9	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/76-09/24/76	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/24/76-09/24/76	1	5.9	5.9	5.9	5.9	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/24/76-09/24/76	1	5.9	5.9	5.9	5.9	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/24/76-09/24/76	1	1.259	1.259	1.259	1.259	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/24/76-09/24/76	1	1.24	1.24	1.24	1.24	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0612

				Total	Exceed	Prop.	6/10-10/31			11/01-4/10			4/11-6/09			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0613

NPS Station ID: ROMO0613
LAT/LON: 40.466115/-105.630199
Agency: 11NPSWRD
Date Created: 08/28/99
Location: Lawn Lake at the Surface
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): ROMO_SM_RRLL12
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the Trail Ridge CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0613

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	1	14.	14.	14.	14.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/31/81-07/31/81	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/31/81-07/31/81	1	6.	6.	6.	6.	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	1	81.	81.	81.	81.	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	1	0.17	0.17	0.17	0.17	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	1	5.9	5.9	5.9	5.9	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0613

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0614

NPS Station ID: ROMO0614
LAT/LON: 40.466309/-105.630143
Agency: 11NPSWRD
Date Created: 06/12/99
Location: LAWN LAKE
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): ROMO_JR_CAP15
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE TRAIL RIDGE CO 7.5' SERIES (TOPO.) QUADRANGLE. THE SITE IS LOCATED AT LAWN LAKE AND IS WITHIN ROCKY MOUNTAIN NATIONAL PARK. THE DATA ARE FROM ANNUAL CAPSHELL SNAIL MONITORING PROGRAM REPORTS BY JOHN RIEBESELL OF THE DEPARTMENT OF NATURAL RESOURCES AT THE UNIVERSITY OF MICHIGAN IN DEARBORN MI. TTHE REPORTS SUMMARIZED POPULATION DATA AND WATER QUALITY CHARACTERISTICS OF THE HABITAT OF CAPSHELL SNAILS; A CANDIDATE FOR LISTING UNDER THE FEDERAL ENDANGERED SPECIES ACT. FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0614

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70975	TEMPERATURE, WATER,DAILY MINIMUM DEG C	07/11/96-07/11/96	1	9.6	9.6	9.6	9.6	0.	0.	**	**	**	**
70976	TEMPERATURE, WATER,DAILY MAXIMUM DEG C	07/11/96-07/11/96	1	13.	13.	13.	13.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: ROMO0615

NPS Station ID: ROMO0615
LAT/LON: 40.467142/-105.871503
Agency: 11NPSWRD
Date Created: 08/28/99
Location: Tributary to South Branch of Box Canyon Creek
FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_SM_UCSTRIB
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14010001
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 0
Water Body Id:
Minor Basin: UPPER COLORADO RIVER
ECO Region:
RF1 Index: 14010001
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the Fall River Pass CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0615

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	1	56.	56.	56.	56.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/31/81-07/31/81	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	1	607.	607.	607.	607.	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	1	0.88	0.88	0.88	0.88	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	1	0.31	0.31	0.31	0.31	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0615

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	0	0.00	1	0	0.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0616

NPS Station ID: ROMO0616 LAT/LON: 40.468559/-105.865866 Agency: 11NPSWRD Date Created: 08/28/99
Location: Stream blw Confl. N&S Branches of Box Canyon Cr. FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): ROMO_SM_UCBCBC
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 14010001 Depth of Water: 0 Aquifer:
Major Basin: COLORADO RIVER Elevation: 0 Water Body Id:
Minor Basin: UPPER COLORADO RIVER ECO Region:
RF1 Index: 14010001 RF1 Mile Point: 0.000 Distance from RF1: 12.40 On/Off RF1:
RF3 Index: 10190007002218.40 RF3 Mile Point: 18.39 Distance from RF3: 0.57 On/Off RF3:
Description:
The station is located on the Fall River Pass CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0616

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	1	53.	53.	53.	53.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/31/81-07/31/81	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	1	427.	427.	427.	427.	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	1	5.2	5.2	5.2	5.2	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	1	1.6	1.6	1.6	1.6	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	1	0.34	0.34	0.34	0.34	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	1	4.9	4.9	4.9	4.9	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	1	12.3	12.3	12.3	12.3	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0616

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	0	0.00	1	0	0.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0617

NPS Station ID: ROMO0617
LAT/LON: 40.469031/-105.634420
Agency: 11NPSWRD
Date Created: 08/28/99
Location: Roaring River Lawn Lake Inlet
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_SM_RRILL
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the Trail Ridge CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0617

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/31/81-07/31/81	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.079	0.079	0.079	0.079	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/31/81-07/31/81	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.079	0.079	0.079	0.079	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	1	98.	98.	98.	98.	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	1	1.9	1.9	1.9	1.9	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	1	0.17	0.17	0.17	0.17	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	1	1.9	1.9	1.9	1.9	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	1	8.5	8.5	8.5	8.5	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0617

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0618

NPS Station ID: ROMO0618
LAT/LON: 40.469809/-105.651337
Agency: 11NPSWRD
Date Created: 08/28/99
Location: Roaring River Crystal Lake Inlet
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_SM_RRCL01
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the Trail Ridge CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0618

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/31/81-07/31/81	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.316	0.316	0.316	0.316	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	1	6.2	6.2	6.2	6.2	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/31/81-07/31/81	1	6.2	6.2	6.2	6.2	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.631	0.631	0.631	0.631	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	1	26.	26.	26.	26.	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	1	0.13	0.13	0.13	0.13	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	1	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	1	0.007	0.007	0.007	0.007	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0618

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0619

NPS Station ID: ROMO0619
LAT/LON: 40.470587/-105.880977
Agency: 11NPSWRD
Date Created: 08/28/99
Location: South Branch of Box Canyon Creek
FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_SM_UCSBCC
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14010001
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 0
Water Body Id:
Minor Basin: UPPER COLORADO RIVER
ECO Region:
RF1 Index: 14010001
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the Mount Richthofen CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0619

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	1	76.	76.	76.	76.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/31/81-07/31/81	1	7.9	7.9	7.9	7.9	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.013	0.013	0.013	0.013	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	1	682.	682.	682.	682.	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	1	2.78	2.78	2.78	2.78	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	1	0.19	0.19	0.19	0.19	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	1	11.	11.	11.	11.	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0619

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	0	0.00	1	0	0.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0620

NPS Station ID: ROMO0620
LAT/LON: 40.470642/-105.646226
Agency: 11NPSWRD
Date Created: 08/28/99
Location: Roaring River Crystal Lake Outlet
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_SM_RRCLO
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the Trail Ridge CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0620

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/31/81-07/31/81	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/31/81-07/31/81	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.316	0.316	0.316	0.316	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	1	50.	50.	50.	50.	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	1	0.11	0.11	0.11	0.11	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	1	1.9	1.9	1.9	1.9	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0620

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0621

NPS Station ID: ROMO0621
LAT/LON: 40.470977/-105.649588
Agency: 11NPSWRD
Date Created: 08/28/99
Location: Crystal Lake at the Surface
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): ROMO_SM_RRCL04
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the Trail Ridge CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0621

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	1	13.	13.	13.	13.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/31/81-07/31/81	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.158	0.158	0.158	0.158	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/31/81-07/31/81	1	6.6	6.6	6.6	6.6	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.251	0.251	0.251	0.251	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	1	47.	47.	47.	47.	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	1	2.2	2.2	2.2	2.2	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0621

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0622

NPS Station ID: ROMO0622
LAT/LON: 40.471920/-105.641003
Agency: 11NPSWRD
Date Created: 08/28/99
Location: Roaring R. Trib. between Lawn and Crystal Lakes
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_SM_RRNT02
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the Trail Ridge CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0622

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	1	19.	19.	19.	19.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/31/81-07/31/81	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/31/81-07/31/81	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	1	96.	96.	96.	96.	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	1	0.004	0.004	0.004	0.004	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	1	0.14	0.14	0.14	0.14	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	1	2.1	2.1	2.1	2.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	1	8.7	8.7	8.7	8.7	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0622

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0623

NPS Station ID: ROMO0623
LAT/LON: 40.472420/-105.645004
Agency: 11NPSWRD
Date Created: 08/28/99
Location: Roaring River Little Crystal Lake Outlet
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_SM_RRLCL08
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the Trail Ridge CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0623

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/31/81-07/31/81	1	6.7	6.7	6.7	6.7	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/31/81-07/31/81	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.316	0.316	0.316	0.316	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	1	44.	44.	44.	44.	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	1	0.11	0.11	0.11	0.11	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	1	1.7	1.7	1.7	1.7	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0623

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0624

NPS Station ID: ROMO0624
LAT/LON: 40.473337/-105.831559
Agency: 11NPSWRD
Date Created: 08/28/99
Location: Bennett Creek above Confluence with Grand Ditch
FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_SM_UCBCAD
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14010001
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 0
Water Body Id:
Minor Basin: UPPER COLORADO RIVER
ECO Region:
RF1 Index: 14010001
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the Fall River Pass CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0624

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	1	9.	9.	9.	9.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	1	23.	23.	23.	23.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/31/81-07/31/81	1	7.2	7.2	7.2	7.2	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.063	0.063	0.063	0.063	0.	0.	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/31/81-07/31/81	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/31/81-07/31/81	1	6.4	6.4	6.4	6.4	0.	0.	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.398	0.398	0.398	0.398	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	1	189.	189.	189.	189.	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	1	1.44	1.44	1.44	1.44	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	1	0.36	0.36	0.36	0.36	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	1	2.1	2.1	2.1	2.1	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	1	2.	2.	2.	2.	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0624

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0625

NPS Station ID: ROMO0625
LAT/LON: 40.473531/-105.869337
Agency: 11NPSWRD
Date Created: 08/28/99
Location: North Branch of Box Canyon Creek
FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_SM_UCNBCC
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 14010001
Depth of Water: 0
Aquifer:
Major Basin: COLORADO RIVER
Elevation: 0
Water Body Id:
Minor Basin: UPPER COLORADO RIVER
ECO Region:
RF1 Index: 14010001
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the Fall River Pass CO 7.5' U.S. Geological Survey (topographic) quadrangle in Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0625

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	1	30.	30.	30.	30.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/31/81-07/31/81	1	7.6	7.6	7.6	7.6	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	1	242.	242.	242.	242.	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	1	0.009	0.009	0.009	0.009	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	1	2.4	2.4	2.4	2.4	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	1	2.03	2.03	2.03	2.03	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	1	0.54	0.54	0.54	0.54	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	1	2.3	2.3	2.3	2.3	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	1	25.9	25.9	25.9	25.9	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0625

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	0	0.00	1	0	0.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0626

NPS Station ID: ROMO0626 | LAT/LON: 40.474198/-105.831699 | Agency: 11NPSWRD | Date Created: 06/18/99
Location: 105308/C04039 | FIPS State/County: 08049 COLORADO/GRAND
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): ROMO_NURE_235 /1073787 /1118265
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 14010001 | Depth of Water: 0 | Aquifer:
Major Basin: COLORADO RIVER | Elevation: 0 | Water Body Id:
Minor Basin: UPPER COLORADO RIVER | ECO Region:
RF1 Index: 14010001 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE FALL RIVER PASS CO 7.5' SERIES (TOPO.) QUAD. THE SITE IS AT A STREAM WITHIN ROCKY MOUNTAIN NATIONAL PARK (ROMO). EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN ONE WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE U.S. GEOLOGICAL SURVEY "NATIONAL GEOCHEMICAL DATA BASE: NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND KIM BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES STREAM SEDIMENT; SOIL; SURFACE WATER; AND GROUND WATER DATA. "UNIQID" ENTRIES WERE USED TO CREATE THE SECONDARY STATION NAMES. "LASLID" ENTRIES WERE USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LABORATORY. FOR MORE INFORMATION ABOUT THE PARK CONTACT NATURAL RESOURCES AT ROMO; ESTES PARK; CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AT NPS-WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS; CO 80525 (TEL. 970-225-3556).

Parameter Inventory for Station: ROMO0626

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/24/76-09/24/76	1	6.1	6.1	6.1	6.1	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/76-09/24/76	1	65.	65.	65.	65.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/24/76-09/24/76	1	6.2	6.2	6.2	6.2	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/24/76-09/24/76	1	6.2	6.2	6.2	6.2	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/24/76-09/24/76	1	0.631	0.631	0.631	0.631	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/24/76-09/24/76	1	6.28	6.28	6.28	6.28	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0626

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0627

NPS Station ID: ROMO0627 | LAT/LON: 40.476892/-105.470615 | Agency: 11NPSWRD | Date Created: 06/18/99
Location: 105402/C04071 | FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): ROMO_NURE_018 /1073817 /1118295
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 10190006 | Depth of Water: 0 | Aquifer:
Major Basin: MISSOURI RIVER | Elevation: 0 | Water Body Id:
Minor Basin: SOUTH PLATTE RIVER | ECO Region:
RF1 Index: 10190006 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE "GLEN HAVEN COLORADO" 7.5 MINUTE SERIES QUADRANGLE. THE SITE IS AT A STREAM OUTSIDE OF ROCKY MOUNTAIN NATIONAL PARK. EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO ONE WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATA BASE: "NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SOIL; STREAM SEDIMENT; SURFACE WATER; AND GROUND WATER DATA. "UNIQID" FIELD ENTRIES WERE USED TO CREATE THE SECONDARY STATION NAMES. THE "LASLID" FIELD ENTRIES (LAB SAMPLE NUMBERS) WERE USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LAB. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND KELLI O'CONNOR; NATIONAL PARK SERVICE WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0627

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/23/76-09/23/76	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/23/76-09/23/76	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/23/76-09/23/76	1	6.3	6.3	6.3	6.3	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/23/76-09/23/76	1	6.3	6.3	6.3	6.3	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/23/76-09/23/76	1	0.501	0.501	0.501	0.501	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/23/76-09/23/76	1	4.82	4.82	4.82	4.82	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0627

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0628

NPS Station ID: ROMO0628
LAT/LON: 40.480004/-105.889503
Agency: 11NPSWRD
Date Created: 08/28/99
Location: Snow Lake Inlet
FIPS State/County: 08057 COLORADO/JACKSON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_SM_UCSLI
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 10180001
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: NORTH PLATTE RIVER
ECO Region:
RF1 Index: 10180001
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the Mount Richthofen CO 7.5' U.S. Geological Survey (topographic) quadrangle just outside Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0628

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/31/81-07/31/81	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	1	11.	11.	11.	11.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/31/81-07/31/81	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.126	0.126	0.126	0.126	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	1	85.	85.	85.	85.	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	1	0.007	0.007	0.007	0.007	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	1	0.18	0.18	0.18	0.18	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0628

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0629

NPS Station ID: ROMO0629 | LAT/LON: 40.480809/-105.818115 | Agency: 11NPSWRD | Date Created: 06/18/99
Location: 105307/C04038 | FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): ROMO_NURE_056 /1073786 /1118264
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 10190007 | Depth of Water: 0 | Aquifer:
Major Basin: MISSOURI RIVER | Elevation: 0 | Water Body Id:
Minor Basin: SOUTH PLATTE RIVER | ECO Region:
RF1 Index: 10190007 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE "FALL RIVER PASS COLORADO" 7.5 MINUTE SERIES QUADRANGLE. THE SITE IS AT A STREAM OUTSIDE OF ROCKY MOUNTAIN NATIONAL PARK. EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO ONE WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATA BASE: "NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SOIL; STREAM SEDIMENT; SURFACE WATER; AND GROUND WATER DATA. "UNIQID" FIELD ENTRIES WERE USED TO CREATE THE SECONDARY STATION NAMES. THE "LASLID" FIELD ENTRIES (LAB SAMPLE NUMBERS) WERE USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LAB. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND KELLI O'CONNOR; NATIONAL PARK SERVICE WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0629

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/24/76-09/24/76	1	4.9	4.9	4.9	4.9	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/76-09/24/76	1	34.	34.	34.	34.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/24/76-09/24/76	1	6.1	6.1	6.1	6.1	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/24/76-09/24/76	1	6.1	6.1	6.1	6.1	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/24/76-09/24/76	1	0.794	0.794	0.794	0.794	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/24/76-09/24/76	1	2.65	2.65	2.65	2.65	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0629

				Total	Exceed	Prop.	6/10-10/31			11/01-4/10			4/11-6/09			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0630

NPS Station ID: ROMO0630 | LAT/LON: 40.482199/-105.820309 | Agency: 11NPSWRD | Date Created: 06/18/99
Location: 105306/C04037 | FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): ROMO_NURE_055 /1073785 /1118263
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 10190007 | Depth of Water: 0 | Aquifer:
Major Basin: MISSOURI RIVER | Elevation: 0 | Water Body Id:
Minor Basin: SOUTH PLATTE RIVER | ECO Region:
RF1 Index: 10190007 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE "FALL RIVER PASS COLORADO" 7.5 MINUTE SERIES QUADRANGLE. THE SITE IS AT A STREAM OUTSIDE OF ROCKY MOUNTAIN NATIONAL PARK. EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO ONE WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATA BASE: "NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SOIL; STREAM SEDIMENT; SURFACE WATER; AND GROUND WATER DATA. "UNIQID" FIELD ENTRIES WERE USED TO CREATE THE SECONDARY STATION NAMES. THE "LASLID" FIELD ENTRIES (LAB SAMPLE NUMBERS) WERE USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LAB. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND KELLI O'CONNOR; NATIONAL PARK SERVICE WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0630

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/24/76-09/24/76	1	4.1	4.1	4.1	4.1	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/76-09/24/76	1	29.	29.	29.	29.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/24/76-09/24/76	1	5.8	5.8	5.8	5.8	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/24/76-09/24/76	1	5.8	5.8	5.8	5.8	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/24/76-09/24/76	1	1.585	1.585	1.585	1.585	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/24/76-09/24/76	1	1.49	1.49	1.49	1.49	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0630

				Total	Exceed	Prop.	----------6/10-10/31----------			----------11/01-4/10----------			----------4/11-6/09----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0631

NPS Station ID: ROMO0631 | LAT/LON: 40.482866/-105.672087 | Agency: 11NPSWRD | Date Created: 06/18/99
Location: TOP OF UPPER MEADOW ON HAGUE CREEK | FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): ROMO_NPS_TOPU
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 10190007 | Depth of Water: 0 | Aquifer:
Major Basin: MISSOURI RIVER | Elevation: 0 | Water Body Id:
Minor Basin: SOUTH PLATTE RIVER | ECO Region:
RF1 Index: 10190007 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE TRAIL RIDGE CO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT HAGUE CREEK AT THE UPPER END OF THE MEADOW AT THE TOP OF THE DRAINAGE AND IS WITHIN ROCKY MOUNTAIN NATIONAL PARK. THE DATA ARE FROM A STUDY CONDUCTED IN 1985 TO EXAMINE THE PRESENCE OF GIARDIA IN SOME REMOTE BACKCOUNTRY STREAMS OF ROCKY MOUNTAIN NATIONAL PARK IN AREAS OF POOR OR MARGINAL BEAVER HABITAT AND LOW HUMAN USE. DON L. MONZINGO JR. OF COLORADO STATE UNIVERSITY IN FORT COLLINS CO CONDUCTED THE STUDY. FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0631

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61229	GIARDIA CYSTS IN SURFACE WATER CATEGORIES/100L	07/19/85-07/19/85	1	0.	0.	0.	0.	0.	0.	**	**	**	**
61732	GIARDIA, FILTRATION CYSTS/100 GAL	07/19/85-07/19/85	1	0.	0.	0.	0.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: ROMO0632

NPS Station ID: ROMO0632
LAT/LON: 40.482866/-105.886254
Agency: 11NPSWRD
Date Created: 08/28/99
Location: Michigan River Snow Lake Outlet
FIPS State/County: 08057 COLORADO/JACKSON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_SM_UCSLO
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 10180001
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: NORTH PLATTE RIVER
ECO Region:
RF1 Index: 10180001
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
The station is located on the Mount Richthofen CO 7.5' U.S. Geological Survey (topographic) quadrangle just outside Rocky Mountain National Park. The data originate from a University of Virginia Department of Environmental Science Master's Thesis prepared by Sandra Lee McCarley entitled "An Evaluation of the Sensitivity of the Central Rocky Mountain Region to Acidic Deposition" published in 1983. The data also appear in an October 1983 report published by the Office of Research and Development of the Environmental Protection Agency and the U.S. Fish and Wildlife Service entitled "Rocky Mountain Acidification Study" FWS/OBS-80/40.17 Air Pollution and Acid Rain Report No. 17. For more information about Rocky Mountain National Park; contact the Chief of Resources at Rocky Mountain National Park; Estes Park CO 80517 (Tel. 970-586-1206). Data were processed and uploaded to STORET by Margaret Matter; National Park Service Water Resources Division; 1201 Oak Ridge Drive Suite 250; Fort Collins CO 80525 (Tel. 970-225-3516).

Parameter Inventory for Station: ROMO0632

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/31/81-07/31/81	1	30.	30.	30.	30.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/31/81-07/31/81	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/31/81-07/31/81	1	7.4	7.4	7.4	7.4	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/31/81-07/31/81	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	07/31/81-07/31/81	1	280.	280.	280.	280.	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/31/81-07/31/81	1	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/31/81-07/31/81	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/31/81-07/31/81	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/31/81-07/31/81	1	0.35	0.35	0.35	0.35	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/31/81-07/31/81	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/31/81-07/31/81	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/31/81-07/31/81	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/31/81-07/31/81	1	1.9	1.9	1.9	1.9	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/31/81-07/31/81	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/31/81-07/31/81	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0632

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	0	0.00	1	0	0.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0633

NPS Station ID: ROMO0633
LAT/LON: 40.486032/-105.669532
Agency: 11NPSWRD
Date Created: 06/18/99
Location: UNNAMED SIDE CREEK
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_NPS_USC
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190007
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190007
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE TRAIL RIDGE CO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT AN UNNAMED SIDE CREEK IN THE HAGUE CREEK DRAINAGE AND IS WITHIN ROCKY MOUNTAIN NATIONAL PARK. THE DATA ARE FROM A STUDY CONDUCTED IN 1985 TO EXAMINE THE PRESENCE OF GIARDIA IN SOME REMOTE BACKCOUNTRY STREAMS OF ROCKY MOUNTAIN NATIONAL PARK IN AREAS OF POOR OR MARGINAL BEAVER HABITAT AND LOW HUMAN USE. DON L. MONZINGO JR. OF COLORADO STATE UNIVERSITY IN FORT COLLINS CO CONDUCTED THE STUDY. FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0633

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61229	GIARDIA CYSTS IN SURFACE WATER CATEGORIES/100L	07/15/85-07/15/85	1	0.	0.	0.	0.	0.	0.	**	**	**	**
61732	GIARDIA, FILTRATION CYSTS/100 GAL	07/15/85-07/15/85	1	0.	0.	0.	0.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: ROMO0634

NPS Station ID: ROMO0634
LAT/LON: 40.488226/-105.672032
Agency: 11NPSWRD
Date Created: 06/18/99
Location: MIDDLE OF UPPER MEADOW
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_NPS_MUM
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190007
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190007
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE TRAIL RIDGE CO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT HAGUE CREEK IN THE MIDDLE AREA OF THE UPPER MEADOW AND IS WITHIN ROCKY MOUNTAIN NATIONAL PARK. THE DATA ARE FROM A STUDY CONDUCTED IN 1985 TO EXAMINE THE PRESENCE OF GIARDIA IN THE REMOTE BACKCOUNTRY STREAMS OF ROCKY MOUNTAIN NATIONAL PARK IN AREAS OF POOR OR MARGINAL BEAVER HABITAT AND LOW HUMAN USE. DON L. MONZINGO JR. OF COLORADO STATE UNIVERSITY IN FORT COLLINS CO CONDUCTED THE STUDY. FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0634

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61229	GIARDIA CYSTS IN SURFACE WATER CATEGORIES/100L	07/15/85-07/15/85	1	1.	1.	1.	1.	0.	0.	**	**	**	**
61732	GIARDIA, FILTRATION CYSTS/100 GAL	07/15/85-07/15/85	1	5.	5.	5.	5.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: ROMO0635

NPS Station ID: ROMO0635
LAT/LON: 40.491142/-105.673837
Agency: 11NPSWRD
Date Created: 06/18/99
Location: ABOVE ALPINE PONDS ON HAGUE CREEK
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_NPS_AAP
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190007
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190007
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE TRAIL RIDGE CO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT HAGUE CREEK UPSTREAM OF THE ALPINE PONDS BETWEEN THE UPPER AND LOWER MEADOWS AND IS WITHIN ROCKY MOUNTAIN NATIONAL PARK. THE DATA ARE FROM A STUDY CONDUCTED IN 1985 TO EXAMINE THE PRESENCE OF GIARDIA IN SOME REMOTE BACKCOUNTRY STREAMS OF ROCKY MOUNTAIN NATIONAL PARK IN AREAS OF POOR MARGINAL BEAVER HABITAT AND LOW HUMAN USE. DON L. MONZINGO JR. OF COLORADO STATE UNIVERSITY IN FORT COLLINS CO CONDUCTED THE STUDY. FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525(TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0635

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61229	GIARDIA CYSTS IN SURFACE WATER CATEGORIES/100L	07/15/85-07/15/85	1	0.	0.	0.	0.	0.	0.	**	**	**	**
61732	GIARDIA, FILTRATION CYSTS/100 GAL	07/15/85-07/15/85	1	0.	0.	0.	0.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: ROMO0636

NPS Station ID: ROMO0636
LAT/LON: 40.491893/-105.675253
Agency: 11NPSWRD
Date Created: 06/18/99
Location: BOTTOM OF UPPER MEADOW
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_NPS_BTUM
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190007
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190007
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE TRAIL RIDGE CO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT HAGUE CREEK AT THE LOWER END OF THE UPPER MEADOW AND IS WITHIN ROCKY MOUNTAIN NATIONAL PARK. THE DATA ARE FROM A STUDY CONDUCTED IN 1985 TO EXAMINE THE PRESENCE OF GIARDIA IN SOME REMOTE BACKCOUNTRY STREAMS OF ROCKY MOUNTAIN NATIONAL PARK IN AREAS OF POOR OR MARGINAL BEAVER HABITAT AND LOW HUMAN USE. DON L. MONZINGO JR. OF COLORADO STATE UNIVERSITY IN FORT COLLINS CO CONDUCTED THE STUDY. FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0636

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61229	GIARDIA CYSTS IN SURFACE WATER CATEGORIES/100L	07/19/85-07/19/85	1	2.	2.	2.	2.	0.	0.	**	**	**	**
61732	GIARDIA, FILTRATION CYSTS/100 GAL	07/19/85-07/19/85	1	7.	7.	7.	7.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: ROMO0637

NPS Station ID: ROMO0637
LAT/LON: 40.491893/-105.802504
Agency: 11NPSWRD
Date Created: 06/18/99
Location: 105305/C04036
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): ROMO_NURE_057 /1073784 /1118262
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 10190007
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190007
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE "FALL RIVER PASS COLORADO" 7.5 MINUTE SERIES QUADRANGLE. THE SITE IS AT AN ARTIFICIAL LAKE/POND OUTSIDE OF ROCKY MOUNTAIN NATIONAL PARK. EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO ONE WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATA BASE: "NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SOIL; STREAM SEDIMENT; SURFACE WATER; AND GROUND WATER DATA. "UNIQID" FIELD ENTRIES WERE USED TO CREATE THE SECONDARY STATION NAMES. THE "LASLID" FIELD ENTRIES (LAB SAMPLE NUMBERS) WERE USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LAB. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND KELLI O'CONNOR; NATIONAL PARK SERVICE WRD; 1201 OAK RIDGE DR. SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0637

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/24/76-09/24/76	1	10.	10.	10.	10.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/24/76-09/24/76	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/24/76-09/24/76	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/24/76-09/24/76	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/24/76-09/24/76	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/24/76-09/24/76	1	2.84	2.84	2.84	2.84	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0637

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0638

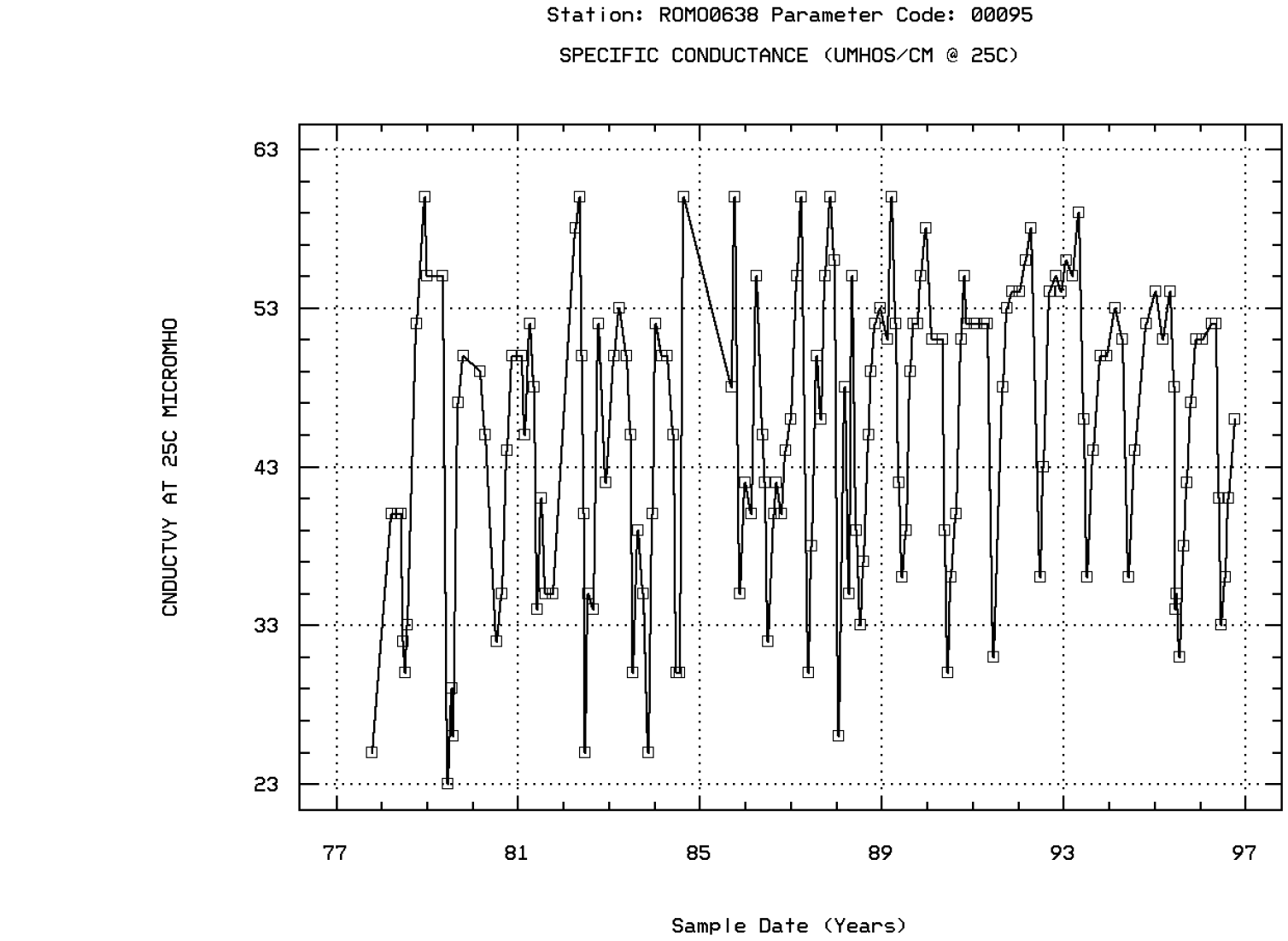
NPS Station ID: ROMO0638 LAT/LON: 40.496115/-105.864449 Agency: 112WRD Date Created: 06/29/78
Location: MICHIGAN RIVER NEAR CAMERON PASS, CO. FIPS State/County: 08057 COLORADO/JACKSON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 06614800
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 10180001 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 10180001062 RF1 Mile Point: 10.550 Distance from RF1: 0.00 On/Off RF1: OFF
RF3 Index: 10180001006100.00 RF3 Mile Point: 0.00 Distance from RF3: 0.03 On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0638

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/30/73-10/02/96	189	1.5	3.7	13.7	0.	14.57	3.817	0.5	1.	6.	10.5
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/04/83-10/02/96	115	0.8	4.381	37.	0.2	54.523	7.384	0.3	0.4	4.	18.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/17/77-10/02/96	156	46.5	44.981	60.	23.	86.574	9.305	31.7	37.25	52.	55.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********



MICHIGAN RIVER NEAR CAMERON PASS, CO.

Annual Analysis for 1973 - Station ROMO0638

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/30/73-10/02/96	1	9.	9.	9.	9.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station ROMO0638

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/30/73-10/02/96	7	8.	6.571	10.5	1.	16.202	4.025	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station ROMO0638

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/30/73-10/02/96	3	4.	3.	4.	1.	3.	1.732	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station ROMO0638

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/30/73-10/02/96	10	2.	3.55	11.	0.	15.747	3.968	0.	0.375	6.375	10.8
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/17/77-10/02/96	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station ROMO0638

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/30/73-10/02/96	11	1.5	4.409	12.5	1.	18.291	4.277	1.	1.5	7.	12.3
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/17/77-10/02/96	8	40.	40.875	60.	30.	107.268	10.357	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station ROMO0638

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/30/73-10/02/96	10	1.5	3.35	12.	0.	14.669	3.83	0.05	0.5	5.5	11.5
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/17/77-10/02/96	7	47.	40.714	55.	23.	200.238	14.151	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station ROMO0638

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/30/73-10/02/96	9	2.	4.167	12.	0.	23.938	4.893	0.	0.25	9.75	12.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/17/77-10/02/96	6	44.5	42.5	50.	32.	54.7	7.396	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station ROMO0638

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/30/73-10/02/96	8	1.5	4.875	12.	1.	23.696	4.868	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/17/77-10/02/96	8	43.	42.5	52.	34.	52.857	7.27	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station ROMO0638

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/30/73-10/02/96	10	1.	4.25	13.5	0.5	24.903	4.99	0.5	0.875	8.25	13.35
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/17/77-10/02/96	9	42.	44.	60.	25.	139.25	11.8	25.	34.5	55.	60.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station ROMO0638

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/30/73-10/02/96	9	2.	3.389	9.	0.	10.736	3.277	0.	1.	6.5	9.
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/04/83-10/02/96	3	0.6	0.7	1.	0.5	0.07	0.265	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/17/77-10/02/96	9	40.	40.778	53.	25.	92.444	9.615	25.	32.5	50.	53.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station ROMO0638

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/30/73-10/02/96	8	1.5	3.188	10.	0.5	12.281	3.504	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/04/83-10/02/96	8	3.2	7.4	23.	0.2	81.757	9.042	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/17/77-10/02/96	7	50.	45.286	60.	30.	128.905	11.354	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station ROMO0638

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/30/73-10/02/96	4	1.5	3.	8.	1.	11.333	3.367	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/04/83-10/02/96	4	0.8	0.775	1.	0.5	0.043	0.206	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/17/77-10/02/96	4	45.	46.25	60.	35.	112.25	10.595	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station ROMO0638

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/30/73-10/02/96	10	1.	3.1	10.	0.5	11.6	3.406	0.55	1.	5.75	9.8
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/04/83-10/02/96	10	1.45	4.78	18.	0.3	50.044	7.074	0.3	0.45	7.5	18.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/17/77-10/02/96	10	42.	42.6	55.	32.	34.044	5.835	32.8	40.	45.25	54.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station ROMO0638

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/30/73-10/02/96	9	2.	4.389	12.	0.	19.424	4.407	0.	0.75	8.25	12.
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/04/83-10/02/96	9	0.5	4.	20.	0.3	45.855	6.772	0.3	0.35	6.5	20.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/17/77-10/02/96	9	55.	50.	60.	30.	105.75	10.283	30.	42.	58.	60.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station ROMO0638

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/30/73-10/02/96	11	1.	3.636	11.	0.5	17.405	4.172	0.5	1.	6.	11.
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/04/83-10/02/96	11	0.5	2.518	19.	0.3	31.01	5.569	0.3	0.4	1.	16.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/17/77-10/02/96	11	45.	42.909	55.	26.	89.491	9.46	27.4	35.	52.	54.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station ROMO0638

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/30/73-10/02/96	10	1.25	2.35	8.5	0.	7.225	2.688	0.05	0.5	3.625	8.2
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/04/83-10/02/96	11	0.5	2.027	12.	0.2	12.164	3.488	0.22	0.4	2.	10.4
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/17/77-10/02/96	11	52.	49.636	60.	36.	58.255	7.632	36.6	42.	55.	59.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station ROMO0638

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/30/73-10/02/96	10	1.75	3.2	8.5	0.5	9.567	3.093	0.5	0.5	6.625	8.35
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/04/83-10/02/96	10	1.	5.41	37.	0.3	128.505	11.336	0.31	0.625	4.25	34.1
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/17/77-10/02/96	9	51.	45.	55.	30.	78.	8.832	30.	37.5	51.5	55.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station ROMO0638

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/30/73-10/02/96	9	1.5	3.757	13.7	0.01	18.663	4.32	0.01	1.3	5.5	13.7
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/04/83-10/02/96	9	0.5	4.978	25.	0.2	71.587	8.461	0.2	0.35	8.5	25.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/17/77-10/02/96	7	52.	48.857	54.	31.	65.476	8.092	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station ROMO0638

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/30/73-10/02/96	8	2.75	3.75	10.5	0.5	12.929	3.596	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/04/83-10/02/96	8	0.5	2.475	13.	0.2	19.659	4.434	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/17/77-10/02/96	8	54.	51.25	58.	36.	57.929	7.611	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station ROMO0638

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/30/73-10/02/96	8	1.	3.5	13.5	1.	19.357	4.4	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/04/83-10/02/96	8	0.7	3.438	12.	0.3	25.148	5.015	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/17/77-10/02/96	8	50.	49.5	59.	36.	55.429	7.445	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station ROMO0638

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/30/73-10/02/96	5	1.5	4.	12.5	1.	23.5	4.848	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/04/83-10/02/96	5	0.8	4.48	19.	0.3	66.367	8.147	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/17/77-10/02/96	5	51.	47.2	53.	36.	51.7	7.19	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1995 - Station ROMO0638

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/30/73-10/02/96	11	1.5	2.318	10.5	0.5	7.964	2.822	0.5	1.	2.5	9.
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/04/83-10/02/96	11	2.	8.545	31.	0.3	123.007	11.091	0.3	0.4	22.	29.2
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/17/77-10/02/96	11	47.	44.091	54.	31.	71.291	8.443	31.6	35.	51.	54.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

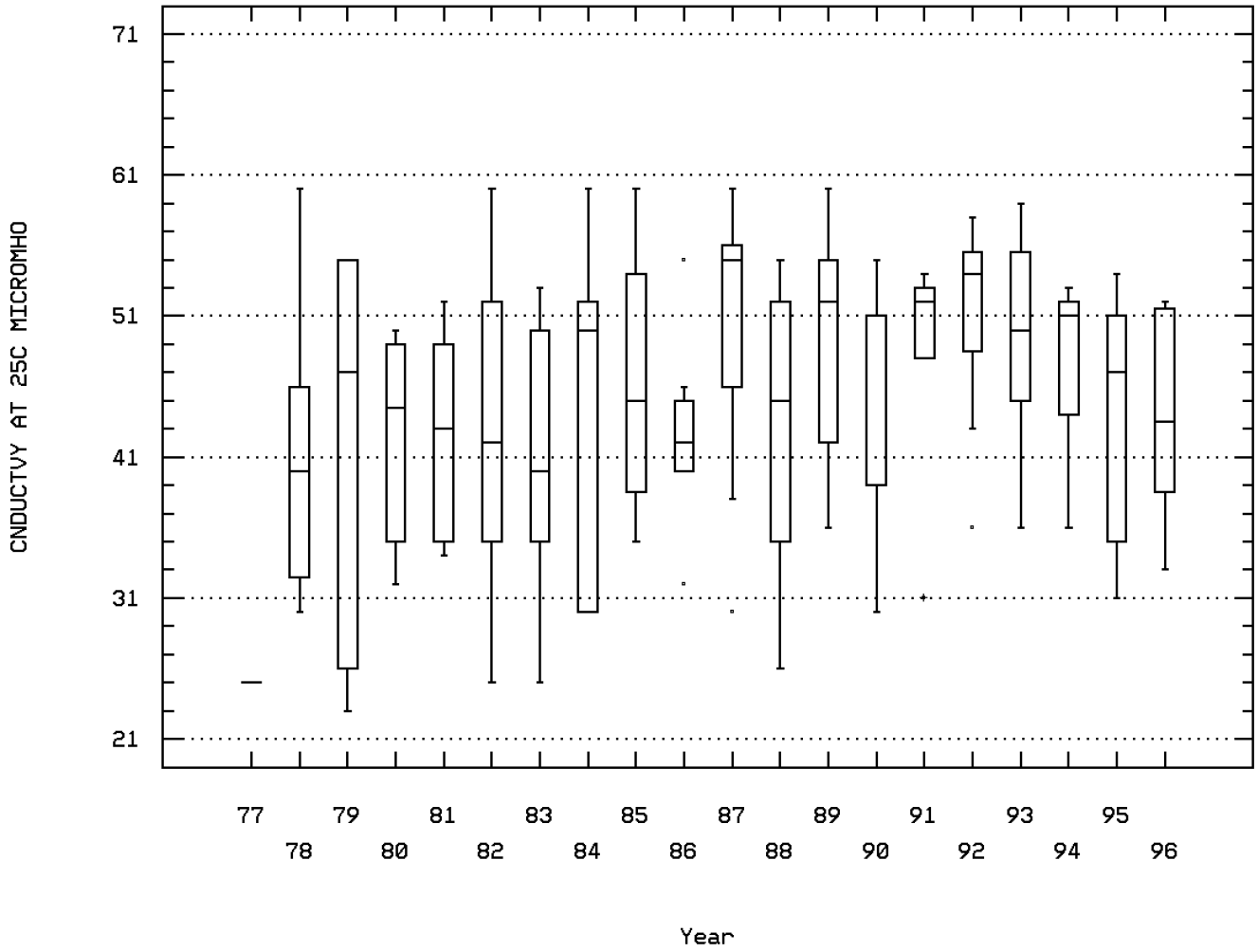
Annual Analysis for 1996 - Station ROMO0638

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/30/73-10/02/96	8	2.5	3.438	11.5	0.5	13.103	3.62	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/04/83-10/02/96	8	2.	5.375	21.	0.4	48.485	6.963	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/17/77-10/02/96	8	43.5	44.	52.	33.	54.857	7.407	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: ROMO0638 Parameter Code: 00095

SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)



MICHIGAN RIVER NEAR CAMERON PASS, CO.

Seasonal Analysis for Season #1: 6/10 to 10/31 - Station ROMO0638

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/30/73-10/02/96	90	6.5	6.63	13.7	0.5	13.681	3.699	1.55	3.5	10.	12.
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/04/83-10/02/96	52	2.	7.021	37.	0.3	83.364	9.13	0.53	1.	11.	22.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/17/77-10/02/96	75	40.	40.667	60.	23.	79.82	8.934	30.	34.	48.	52.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 11/01 to 4/10 - Station ROMO0638

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/30/73-10/02/96	62	1.	1.005	4.	0.	0.624	0.79	0.	0.5	1.35	1.85
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/04/83-10/02/96	40	0.4	0.418	1.	0.2	0.031	0.177	0.21	0.3	0.5	0.69
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/17/77-10/02/96	52	52.	50.192	60.	25.	55.766	7.468	40.	48.25	55.	58.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/11 to 6/09 - Station ROMO0638

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/30/73-10/02/96	37	1.	1.089	3.	0.5	0.23	0.48	0.5	1.	1.5	1.5
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/04/83-10/02/96	23	2.	5.304	19.	0.3	43.291	6.58	0.3	0.4	10.	18.6
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/17/77-10/02/96	29	48.	46.793	60.	30.	63.027	7.939	35.	40.	52.	58.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: ROMO0639

NPS Station ID: ROMO0639 LAT/LON: 40.497060/-105.531642 Agency: 11NPSWRD Date Created: 06/18/99
Location: NORTH FORK BIG THOMPSON RIVER-RANGER STATION FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): ROMO_NPS_BTRS
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI RIVER Elevation: 0 Water Body Id:
Minor Basin: SOUTH PLATTE RIVER ECO Region:
RF1 Index: 10190006 RF1 Mile Point: 0.000 Distance from RF1: 12.40 On/Off RF1:
RF3 Index: 10190007002218.40 RF3 Mile Point: 18.39 Distance from RF3: 0.57 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE ESTES PARK CO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT THE NORTH FORK OF THE BIG THOMPSON RIVER NEAR THE RANGER STATION AND IS WITHIN ROCKY MOUNTAIN NATIONAL PARK. THE DATA ARE FROM A STUDY CONDUCTED IN 1985 TO EXAMINE THE PRESENCE OF GIARDIA IN SOME REMOTE BACKCOUNTRY STREAMS OF ROCKY MOUNTAIN NATIONAL PARK IN AREAS OF POOR OR MARGINAL BEAVER HABITAT AND LOW HUMAN USE. DON L. MONZINGO JR. OF COLORADO STATE UNIVERSITY IN FORT COLLINS CO CONDUCTED THE STUDY. FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0639

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61229	GIARDIA CYSTS IN SURFACE WATER CATEGORIES/100L	07/01/85-07/01/85	1	0.	0.	0.	0.	0.	0.	**	**	**	**
61732	GIARDIA, FILTRATION CYSTS/100 GAL	07/01/85-07/01/85	1	0.	0.	0.	0.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: ROMO0640

NPS Station ID: ROMO0640 | LAT/LON: 40.497309/-105.526616 | Agency: 11NPSWRD | Date Created: 06/12/99
Location: KETTLE TARN NEAR THE CAMPSITE TRAIL | FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): ROMO_JR_CAP14
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006 | Depth of Water: 0 | Aquifer:
Major Basin: MISSOURI RIVER | Elevation: 0 | Water Body Id:
Minor Basin: SOUTH PLATTE RIVER | ECO Region:
RF1 Index: 10190006 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE ESTES PARK CO 7.5' SERIES (TOPO.) QUADRANGLE. THE SITE IS LOCATED AT KETTLE TARN NEAR THE CAMPSITE TRAIL AND IS WITHIN ROCKY MOUNTAIN NATIONAL PARK. THE DATA ARE FROM ANNUAL CAPSHELL SNAIL MONITORING PROGRAM REPORTS BY JOHN RIEBESELL OF THE DEPARTMENT OF NATURAL RESOURCES AT THE UNIVERSITY OF MICHIGAN IN DEARBORN MI. TTHE REPORTS SUMMARIZED POPULATION DATA AND WATER QUALITY CHARACTERISTICS OF THE HABITAT OF CAPSHELL SNAILS; A CANDIDATE FOR LISTING UNDER THE FEDERAL ENDANGERED SPECIES ACT. FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0640

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	08/04/97-08/04/97	1	26.	26.	26.	26.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: ROMO0641

NPS Station ID: ROMO0641 LAT/LON: 40.499142/-105.678366 Agency: 11NPSWRD Date Created: 06/18/99
Location: TOP OF LOWER MEADOW OF HAGUE CREEK FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): ROMO_NPS_TLM
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10190007 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI RIVER Elevation: 0 Water Body Id:
Minor Basin: SOUTH PLATTE RIVER ECO Region:
RF1 Index: 10190007 RF1 Mile Point: 0.000 Distance from RF1: 12.40 On/Off RF1:
RF3 Index: 10190007002218.40 RF3 Mile Point: 18.39 Distance from RF3: 0.57 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE TRAIL RIDGE CO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT HAGUE CREEK AT THE UPPER AREA OF THE LOWER MEADOW AND IS WITHIN ROCKY MOUNTAIN NATIONAL PARK. THE DATA ARE FROM A STUDY CONDUCTED IN 1985 TO EXAMINE THE PRESENCE OF GIARDIA IN SOME REMOTE BACKCOUNTRY STREAMS OF ROCKY MOUNTAIN NATIONAL PARK. THE STREAMS ARE IN AREAS OF POOR OR MARGINAL BEAVER HABITAT AND LOW HUMAN USE. DON L. MONZINGO JR. OF COLORADO STATE UNIVERSITY IN FORT COLLINS CO CONDUCTED THE STUDY. FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250 FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0641

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61229	GIARDIA CYSTS IN SURFACE WATER CATEGORIES/100L	07/15/85-07/15/85	2	0.	0.	0.	0.	0.	0.	**	**	**	**
61732	GIARDIA, FILTRATION CYSTS/100 GAL	07/15/85-07/15/85	2	0.	0.	0.	0.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: ROMO0642

NPS Station ID: ROMO0642 | LAT/LON: 40.501392/-105.900310 | Agency: 11NPSWRD | Date Created: 06/18/99
Location: 105958/C04413 | FIPS State/County: 08057 COLORADO/JACKSON
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): ROMO_NURE_092 /1074084 /1118562
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 10180001 | Depth of Water: 0 | Aquifer:
Major Basin: MISSOURI RIVER | Elevation: 0 | Water Body Id:
Minor Basin: NORTH PLATTE RIVER | ECO Region:
RF1 Index: 10180001 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE "CLARK PEAK COLORADO" 7.5 MINUTE SERIES QUADRANGLE. THE SITE IS AT A STREAM OUTSIDE OF ROCKY MOUNTAIN NATIONAL PARK. EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO ONE WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATA BASE: "NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SOIL; STREAM SEDIMENT; SURFACE WATER; AND GROUND WATER DATA. "UNIQID" FIELD ENTRIES WERE USED TO CREATE THE SECONDARY STATION NAMES. THE "LASLID" FIELD ENTRIES (LAB SAMPLE NUMBERS) WERE USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LAB. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND KELLI O'CONNOR; NATIONAL PARK SERVICE WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0642

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/22/76-09/22/76	1	8.2	8.2	8.2	8.2	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/22/76-09/22/76	1	50.	50.	50.	50.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/22/76-09/22/76	1	5.5	5.5	5.5	5.5	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/22/76-09/22/76	1	5.5	5.5	5.5	5.5	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/22/76-09/22/76	1	3.162	3.162	3.162	3.162	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/22/76-09/22/76	1	1.07	1.07	1.07	1.07	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0642

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0643

NPS Station ID: ROMO0643 LAT/LON: 40.505059/-105.584505 Agency: 11NPSWRD Date Created: 06/18/99
Location: LOST MEADOW (NORTH FORK OF BIG THOMPSON RIVER) FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): ROMO_NPS_LMEAD
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI RIVER Elevation: 0 Water Body Id:
Minor Basin: SOUTH PLATTE RIVER ECO Region:
RF1 Index: 10190006 RF1 Mile Point: 0.000 Distance from RF1: 12.40 On/Off RF1:
RF3 Index: 10190007002218.40 RF3 Mile Point: 18.39 Distance from RF3: 0.57 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE PINGREE PARK CO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT THE NORTH FORK OF THE BIG THOMPSON RIVER IN THE LOST MEADOW AREA AND IS WITHIN ROCKY MOUNTAIN NATIONAL PARK. THE DATA ARE FROM A STUDY CONDUCTED IN 1985 TO EXAMINE THE PRESENCE OF GIARDIA IN THE REMOTE BACKCOUNTRY STREAMS OF ROCKY MOUNTAIN NATIONAL PARK IN AREAS OF POOR OR MARGINAL BEAVER HABITAT AND LOW HUMAN USE. DON L. MONZINGO JR. OF COLORADO STATE UNIVERSITY IN FORT COLLINS CO CONDUCTED THE STUDY. FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0643

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61229	GIARDIA CYSTS IN SURFACE WATER CATEGORIES/100L	07/01/85-07/01/85	1	0.	0.	0.	0.	0.	0.	**	**	**	**
61732	GIARDIA, FILTRATION CYSTS/100 GAL	07/01/85-07/01/85	1	0.	0.	0.	0.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: ROMO0644

NPS Station ID: ROMO0644
LAT/LON: 40.507532/-105.617477
Agency: 11NPSWRD
Date Created: 06/30/99
Location: OUTLET STREAM FROM LAKE LOUISE
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_JB_LOUISO
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE PINGREE PARK CO 7.5' (TOPOGRAPHICAL) SERIES QUADRANGLE. THE SITE IS AT THE OUTLET STREAM FROM LAKE LOUISE AND IS LOCATED IN ROCKY MOUNTAIN NATIONAL PARK. DATA WERE COLLECTED FOR THE LOCH VALE WATERSHED STUDY; A LONG TERM MONITORING STUDY FOR THE NATIONAL ATMOSPHERIC DEPOSITION PROGRAM/NATIONAL ACID PRECIPITATION ASSESSMENT PROGRAM (NADP/NAPAP). THE NADP/NAPAP MONITORS WATER QUALITY OF SENSITIVE ENVIRONMENTS FOR CHANGES DUE TO ACID PRECIPITATION. JILL BARON IS THE PROJECT CONTACT FOR THE STUDY AT THE NATURAL RESOURCES ECOLOGY LABORATORY AT COLORADO STATE UNIVERSITY IN FORT COLLINS CO 80525 (TEL. 970-491-1968). FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0644

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/26/83-09/13/97	5	10.	9.6	12.	7.	3.3	1.817	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/08/82-09/13/97	11	20.	20.091	24.	17.	3.691	1.921	17.2	19.	21.	23.6
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/26/83-09/13/97	10	19.	19.3	23.	16.	4.9	2.214	16.1	17.75	21.25	22.9
00403	PH, LAB, STANDARD UNITS SU	07/26/83-09/13/97	11	6.9	7.009	7.7	6.5	0.097	0.311	6.56	6.8	7.2	7.6
00403	CONVERTED PH, LAB, STANDARD UNITS	07/26/83-09/13/97	11	6.9	6.921	7.7	6.5	0.105	0.325	6.56	6.8	7.2	7.6
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/26/83-09/13/97	11	0.126	0.12	0.316	0.02	0.006	0.079	0.029	0.063	0.158	0.285
00406	PH, FIELD, STANDARD UNITS SU	07/08/82-09/13/97	13	7.08	6.945	7.75	5.96	0.245	0.495	6.036	6.65	7.255	7.582
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/08/82-09/13/97	13	7.08	6.649	7.75	5.96	0.34	0.583	6.036	6.65	7.255	7.582
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/08/82-09/13/97	13	0.083	0.224	1.096	0.018	0.103	0.321	0.029	0.056	0.243	0.941
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	07/15/81-09/13/97	22	0.14	0.138	0.16	0.09	0.	0.019	0.103	0.13	0.15	0.16
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/08/82-08/31/91	8	0.005	0.005	0.007	0.003	0.	0.002	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/15/81-09/13/97	21	0.006	0.009	0.03	0.	0.	0.009	0.	0.003	0.02	0.02
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	08/11/87-09/13/97	7	0.9	0.929	1.4	0.5	0.116	0.34	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/15/81-09/13/97	24	2.85	2.7	3.3	1.7	0.179	0.423	1.9	2.45	2.975	3.15
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/15/81-09/13/97	24	0.3	0.292	0.3	0.2	0.001	0.028	0.25	0.3	0.3	0.3
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/15/81-09/13/97	24	0.7	0.698	0.85	0.46	0.005	0.069	0.625	0.683	0.728	0.765
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/15/81-09/13/97	24	0.18	0.182	0.26	0.11	0.001	0.03	0.135	0.163	0.2	0.21
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/15/81-09/13/97	24	0.1	0.118	0.2	0.08	0.002	0.043	0.08	0.1	0.1	0.2
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/15/81-09/13/97	24	1.3	1.321	2.	0.8	0.092	0.304	0.95	1.1	1.5	1.85

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: ROMO0644

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/26/83-09/30/93	8	0.38	0.373	0.39	0.34	0.	0.021	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/15/81-09/13/97	19	3.2	4.621	7.	2.	3.606	1.899	2.7	2.9	6.5	6.9
01046	IRON, DISSOLVED (UG/L AS FE)	07/26/83-08/31/91	6	16.5	16.167	25.	11.	26.567	5.154	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/26/83-08/31/91	6	1.	1.	1.	1.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/26/83-09/30/93	8	26.5	27.75	50.	17.	94.786	9.736	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/15/81-09/13/97	19	0.009	0.023	0.12	0.	0.001	0.03	0.001	0.008	0.04	0.07
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/15/81-09/13/97	24	1.	0.921	1.5	0.3	0.09	0.301	0.5	0.6	1.1	1.25

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0644

				Total	Exceed	Prop.	6/10-10/31			11/01-4/10			4/11-6/09			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00403	PH, LAB	Fresh Chronic	9.	11	0	0.00	11	0	0.00									
		Other-Lo Lim.	6.5	11	1	0.09	11	1	0.09									
00406	PH, FIELD	Fresh Chronic	9.	13	0	0.00	13	0	0.00									
		Other-Lo Lim.	6.5	13	3	0.23	13	3	0.23									
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	8	0	0.00	8	0	0.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	24	0	0.00	24	0	0.00									
		Drinking Water	250.	24	0	0.00	24	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	24	0	0.00	24	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	8	0	0.00	8	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	24	0	0.00	24	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 6/10 to 10/31 - Station ROMO0644

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/08/82-09/13/97	11	20.	20.091	24.	17.	3.691	1.921	17.2	19.	21.	23.6
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/26/83-09/13/97	10	19.	19.3	23.	16.	4.9	2.214	16.1	17.75	21.25	22.9
00403	PH, LAB, STANDARD UNITS SU	07/26/83-09/13/97	11	6.9	7.009	7.7	6.5	0.097	0.311	6.56	6.8	7.2	7.6
00403	CONVERTED PH, LAB, STANDARD UNITS	07/26/83-09/13/97	11	6.9	6.921	7.7	6.5	0.105	0.325	6.56	6.8	7.2	7.6
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/26/83-09/13/97	11	0.126	0.12	0.316	0.02	0.006	0.079	0.029	0.063	0.158	0.285
00406	PH, FIELD, STANDARD UNITS SU	07/08/82-09/13/97	13	7.08	6.945	7.75	5.96	0.245	0.495	6.036	6.65	7.255	7.582
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/08/82-09/13/97	13	7.08	6.649	7.75	5.96	0.34	0.583	6.036	6.65	7.255	7.582
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/08/82-09/13/97	13	0.083	0.224	1.096	0.018	0.103	0.321	0.029	0.056	0.243	0.941
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	07/15/81-09/13/97	22	0.14	0.138	0.16	0.09	0.	0.019	0.103	0.13	0.15	0.16
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/15/81-09/13/97	21	0.006	0.009	0.03	0.	0.	0.009	0.	0.003	0.02	0.02
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/15/81-09/13/97	24	2.85	2.7	3.3	1.7	0.179	0.423	1.9	2.45	2.975	3.15
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/15/81-09/13/97	24	0.3	0.292	0.3	0.2	0.001	0.028	0.25	0.3	0.3	0.3
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/15/81-09/13/97	24	0.7	0.698	0.85	0.46	0.005	0.069	0.625	0.683	0.728	0.765
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/15/81-09/13/97	24	0.18	0.182	0.26	0.11	0.001	0.03	0.135	0.163	0.2	0.21
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/15/81-09/13/97	24	0.1	0.118	0.2	0.08	0.002	0.043	0.08	0.1	0.1	0.2
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/15/81-09/13/97	24	1.3	1.321	2.	0.8	0.092	0.304	0.95	1.1	1.5	1.85
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/15/81-09/13/97	19	3.2	4.621	7.	2.	3.606	1.899	2.7	2.9	6.5	6.9
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/15/81-09/13/97	19	0.009	0.023	0.12	0.	0.001	0.03	0.001	0.008	0.04	0.07
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/15/81-09/13/97	24	1.	0.921	1.5	0.3	0.09	0.301	0.5	0.6	1.1	1.25

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: ROMO0645

NPS Station ID: ROMO0645
LAT/LON: 40.507560/-105.617560
Agency: 11NPSWRD
Date Created: 06/18/99
Location: LAKE LOUISE OUTLET
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_NPS_LOUI
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE PINGREE PARK CO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT THE OUTLET OF LAKE LOUISE IN THE DRAINAGE OF THE NORTH FORK OF THE BIG THOMPSON RIVER AND IS WITHIN ROCKY MOUNTAIN NATIONAL PARK. THE DATA ARE FROM A STUDY CONDUCTED IN 1985 TO EXAMINE THE PRESENCE OF GIARDIA IN SOME REMOTE BACKCOUNTRY STREAMS OF ROCKY MOUNTAIN NATIONAL PARK IN AREAS OF POOR OR MARGINAL BEAVER HABITAT AND LOW HUMAN USE. DON L. MONZINGO JR. OF COLORADO STATE UNIVERSITY IN FORT COLLINS CO CONDUCTED THE STUDY. FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0645

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61229	GIARDIA CYSTS IN SURFACE WATER CATEGORIES/100L	07/01/85-07/01/85	1	0.	0.	0.	0.	0.	0.	**	**	**	**
61732	GIARDIA, FILTRATION CYSTS/100 GAL	07/01/85-07/01/85	1	0.	0.	0.	0.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: ROMO0646

NPS Station ID: ROMO0646
LAT/LON: 40.507781/-105.620281
Agency: 112WRD
Date Created: 01/07/89
Location: LOUISE H
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 403028105371301
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 11.90
On/Off RF1:
RF3 Index: 10190006039800.24
RF3 Mile Point: 0.23
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0646

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/11/87-08/03/88	2	0.005	0.005	0.009	0.001	0.	0.006	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	08/11/87-08/03/88	2 ##	0.001	0.001	0.002	0.001	0.	0.001	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/11/87-08/03/88	2	0.26	0.26	0.32	0.2	0.007	0.085	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/11/87-08/03/88	2	0.25	0.25	0.3	0.2	0.005	0.071	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/11/87-08/03/88	2 ##	0.001	0.001	0.002	0.001	0.	0.001	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/11/87-08/03/88	2	0.14	0.14	0.2	0.08	0.007	0.085	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/11/87-08/03/88	2	1.	1.	1.	1.	0.	0.	**	**	**	**
71825	ACIDITY, TOTAL (MG/L AS H)	08/11/87-08/03/88	2	0.025	0.025	0.03	0.02	0.	0.007	**	**	**	**
71870	BROMIDE (MG/L AS BR)	08/11/87-08/03/88	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
72015	DEPTH TO TOP OF SAMPLE INTERVAL (FT BELOW LSD)	08/11/87-08/11/87	1	4.5	4.5	4.5	4.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0646

				Total	Exceed	Prop.	----------6/10-10/31----------			----------11/01-4/10----------			----------4/11-6/09----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	2	0	0.00	2	0	0.00									
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	2	0	0.00	2	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	2	0	0.00	2	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00	2	0	0.00									
		Drinking Water	250.	2	0	0.00	2	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	2	0	0.00	2	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0647

NPS Station ID: ROMO0647
LAT/LON: 40.507781/-105.620281
Agency: 112WRD
Date Created: 01/07/89
Location: LOUISE O
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 403028105371302
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 11.90
On/Off RF1:
RF3 Index: 10190006039800.24
RF3 Mile Point: 0.23
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0647

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	PH (STANDARD UNITS)	08/06/86-08/03/88	2	7.085	7.085	7.14	7.03	0.006	0.078	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/06/86-08/03/88	2	7.082	7.082	7.14	7.03	0.006	0.078	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/06/86-08/03/88	2	0.083	0.083	0.093	0.072	0.	0.015	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/06/86-08/03/88	2	7.05	7.05	7.1	7.	0.005	0.071	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/06/86-08/03/88	2	7.047	7.047	7.1	7.	0.005	0.071	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/06/86-08/03/88	2	0.09	0.09	0.1	0.079	0.	0.015	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/06/86-08/31/91	6	0.006	0.011	0.03	0.005	0.	0.01	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	08/06/86-08/31/91	6	0.002	0.002	0.002	0.001	0.	0.001	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/06/86-08/31/91	6	0.195	0.207	0.3	0.12	0.006	0.076	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/06/86-08/31/91	6	0.2	0.2	0.3	0.1	0.008	0.089	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/06/86-08/31/91	6 ##	0.001	0.001	0.002	0.001	0.	0.001	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/06/86-08/31/91	6	0.1	0.127	0.2	0.08	0.003	0.058	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/06/86-08/31/91	6	1.	0.983	1.	0.9	0.002	0.041	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/03/88-08/03/88	1	18.	18.	18.	18.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/03/88-08/03/88	1	23.	23.	23.	23.	0.	0.	**	**	**	**
71825	ACIDITY, TOTAL (MG/L AS H)	08/06/86-08/31/91	6	0.02	0.023	0.03	0.02	0.	0.005	**	**	**	**
71870	BROMIDE (MG/L AS BR)	08/06/86-08/31/91	6 ##	0.005	0.006	0.01	0.005	0.	0.002	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0647

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	0	0.00	2	0	0.00									
00403	PH, LAB	Fresh Chronic	9.	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	0	0.00	2	0	0.00									
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	6	0	0.00	6	0	0.00									
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	6	0	0.00	6	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	6	0	0.00	6	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	6	0	0.00	6	0	0.00									
		Drinking Water	250.	6	0	0.00	6	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	6	0	0.00	6	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0648

NPS Station ID: ROMO0648
LAT/LON: 40.507781/-105.620281
Agency: 112WRD
Date Created: 01/07/89
Location: LOUISE S
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 403028105371300
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 14.30
On/Off RF1:
RF3 Index: 10190006045101.59
RF3 Mile Point: 1.58
Distance from RF3: 0.10
On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0648

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/11/87-08/03/88	2 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	08/11/87-08/03/88	2 ##	0.001	0.001	0.002	0.001	0.	0.001	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/11/87-08/03/88	2	0.22	0.22	0.27	0.17	0.005	0.071	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/11/87-08/03/88	2	0.25	0.25	0.3	0.2	0.005	0.071	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/11/87-08/03/88	2 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/11/87-08/03/88	2	0.14	0.14	0.2	0.08	0.007	0.085	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/11/87-08/03/88	2	1.	1.	1.	1.	0.	0.	**	**	**	**
71825	ACIDITY, TOTAL (MG/L AS H)	08/11/87-08/03/88	2	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
71870	BROMIDE (MG/L AS BR)	08/11/87-08/03/88	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
72015	DEPTH TO TOP OF SAMPLE INTERVAL (FT BELOW LSD)	08/11/87-08/11/87	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0648

				Total	Exceed	Prop.	6/10-10/31			11/01-4/10			4/11-6/09			n/a		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	2	0	0.00	2	0	0.00									
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	2	0	0.00	2	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	2	0	0.00	2	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00	2	0	0.00									
		Drinking Water	250.	2	0	0.00	2	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	2	0	0.00	2	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0649

NPS Station ID: ROMO0649
LAT/LON: 40.507781/-105.620281
Agency: 112WRD
Date Created: 06/29/91
Location: Louise Lake Inlet
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 403028105371303
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC:
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 10.70
On/Off RF1:
RF3 Index: 10190006045500.00
RF3 Mile Point: 0.00
Distance from RF3: 0.03
On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0649

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00004	STREAM WIDTH (FEET)	08/25/90-08/25/90	1	70.	70.	70.	70.	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/25/90-08/31/91	2	0.01	0.01	0.013	0.006	0.	0.005	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	08/25/90-08/31/91	2	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/25/90-08/31/91	2	0.23	0.23	0.27	0.19	0.003	0.057	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/25/90-08/31/91	2	0.25	0.25	0.3	0.2	0.005	0.071	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/25/90-08/31/91	2 ##	0.001	0.001	0.002	0.001	0.	0.001	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/25/90-08/31/91	2	0.15	0.15	0.2	0.1	0.005	0.071	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/25/90-08/31/91	2	2.	2.	2.	2.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/25/90-08/31/91	2	115.	115.	120.	110.	50.	7.071	**	**	**	**
71825	ACIDITY, TOTAL (MG/L AS H)	08/25/90-08/31/91	2	0.045	0.045	0.05	0.04	0.	0.007	**	**	**	**
71870	BROMIDE (MG/L AS BR)	08/25/90-08/31/91	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0649

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	2	0	0.00	2	0	0.00									
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	2	0	0.00	2	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	2	0	0.00	2	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00	2	0	0.00									
		Drinking Water	250.	2	0	0.00	2	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	2	0	0.00	2	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0650

NPS Station ID: ROMO0650 LAT/LON: 40.507809/-105.600366 Agency: 11NPSWRD Date Created: 06/12/99
Location: LOST LAKE IN ROCKY MOUNTAIN NATIONAL PARK FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): ROMO_JR_CAP19
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI RIVER Elevation: 0 Water Body Id:
Minor Basin: SOUTH PLATTE RIVER ECO Region:
RF1 Index: 10190006 RF1 Mile Point: 0.000 Distance from RF1: 12.40 On/Off RF1:
RF3 Index: 10190007002218.40 RF3 Mile Point: 18.39 Distance from RF3: 0.57 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE PINGREE PARK CO 7.5' SERIES (TOPO.) QUADRANGLE. THE SITE IS LOCATED AT LOST LAKE AND IS WITHIN ROCKY MOUNTAIN NATIONAL PARK. THE DATA ARE FROM ANNUAL CAPSHELL SNAIL MONITORING PROGRAM REPORTS BY JOHN RIEBESELL OF THE DEPARTMENT OF NATURAL RESOURCES AT THE UNIVERSITY OF MICHIGAN IN DEARBORN MI. THE REPORTS SUMMARIZED POPULATION DATA AND WATER QUALITY CHARACTERISTICS OF THE HABITAT OF CAPSHELL SNAILS; A CANDIDATE FOR LISTING UNDER THE FEDERAL ENDANGERED SPECIES ACT. FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0650

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/10/97-08/04/97	2	30.	30.	47.	13.	578.	24.042	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/12/97-07/12/97	1	142.	142.	142.	142.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: ROMO0651

NPS Station ID: ROMO0651
LAT/LON: 40.507892/-105.622143
Agency: 11NPSWRD
Date Created: 06/30/99
Location: INLET STREAM TO LAKE LOUISE
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_JB_LOUISI
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE PINGREE PARK CO 7.5' (TOPOGRAPHICAL) SERIES QUADRANGLE. THE SITE IS AT THE INLET STREAM TO LAKE LOUISE AND IS LOCATED IN ROCKY MOUNTAIN NATIONAL PARK. DATA WERE COLLECTED FOR THE LOCH VALE WATERSHED STUDY; A LONG TERM MONITORING STUDY FOR THE NATIONAL ATMOSPHERIC DEPOSITION PROGRAM/NATIONAL ACID PRECIPITATION ASSESSMENT PROGRAM (NADP/NAPAP). THE NADP/NAPAP MONITORS WATER QUALITY OF SENSITIVE ENVIRONMENTS FOR CHANGES DUE TO ACID PRECIPITATION. JILL BARON IS THE PROJECT CONTACT FOR THE STUDY AT THE NATURAL RESOURCES ECOLOGY LABORATORY AT COLORADO STATE UNIVERSITY IN FORT COLLINS CO 8052 (TEL. 970-491-1968). FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0651

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	07/26/83-08/25/90	2	4.5	4.5	8.	1.	24.5	4.95	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/26/83-09/17/94	5	20.	18.4	22.	11.	21.3	4.615	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/26/83-09/17/94	5	20.	18.2	20.	13.	9.2	3.033	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/26/83-09/17/94	7	6.7	6.643	6.9	6.3	0.036	0.19	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/26/83-09/17/94	7	6.7	6.604	6.9	6.3	0.038	0.195	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/26/83-09/17/94	7	0.2	0.249	0.501	0.126	0.016	0.125	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/26/83-09/17/94	5	6.66	6.828	8.	6.19	0.481	0.694	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/26/83-09/17/94	5	6.66	6.567	8.	6.19	0.566	0.753	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/26/83-09/17/94	5	0.219	0.271	0.646	0.01	0.057	0.238	**	**	**	**
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	08/18/81-09/17/94	9	0.08	0.084	0.17	0.04	0.001	0.037	0.04	0.06	0.09	0.17
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	08/25/90-08/31/91	2	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	08/18/81-09/17/94	6	0.006	0.009	0.03	0.	0.	0.011	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	08/25/90-09/30/93	4	2.05	2.225	3.7	1.1	1.449	1.204	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/18/81-09/17/94	9	2.2	2.2	3.	1.4	0.195	0.442	1.4	1.95	2.45	3.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/18/81-09/17/94	9	0.3	0.267	0.3	0.1	0.005	0.071	0.1	0.25	0.3	0.3
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/18/81-09/17/94	9	0.99	0.804	1.1	0.4	0.083	0.289	0.4	0.49	1.05	1.1
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/18/81-09/17/94	9	0.21	0.209	0.28	0.14	0.003	0.054	0.14	0.15	0.26	0.28
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/18/81-09/17/94	9	0.2	0.158	0.3	0.02	0.007	0.084	0.02	0.1	0.2	0.3
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/18/81-09/17/94	9	1.7	1.656	2.3	0.9	0.185	0.43	0.9	1.35	1.95	2.3

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: ROMO0651

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/26/83-09/30/93	5	0.4	0.394	0.43	0.36	0.001	0.029	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/18/81-09/17/94	8	5.8	4.963	6.6	1.9	3.454	1.859	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/26/83-08/31/91	3	12.	19.	33.	12.	147.	12.124	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/26/83-08/31/91	3	1.	2.	4.	1.	3.	1.732	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/26/83-08/28/92	2	58.	58.	76.	40.	648.	25.456	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	08/18/81-09/17/94	8	0.014	0.036	0.09	0.	0.002	0.04	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/18/81-09/17/94	9	1.6	2.2	5.	0.7	2.783	1.668	0.7	1.	3.6	5.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0651

				Total	Exceed	Prop.	----------6/10-10/31----------			----------11/01-4/10----------			----------4/11-6/09----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00403	PH, LAB	Fresh Chronic	9.	7	0	0.00	7	0	0.00									
		Other-Lo Lim.	6.5	7	2	0.29	7	2	0.29									
00406	PH, FIELD	Fresh Chronic	9.	5	0	0.00	5	0	0.00									
		Other-Lo Lim.	6.5	5	2	0.40	5	2	0.40									
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	2	0	0.00	2	0	0.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	9	0	0.00	9	0	0.00									
		Drinking Water	250.	9	0	0.00	9	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	9	0	0.00	9	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	5	0	0.00	5	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	9	0	0.00	9	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 6/10 to 10/31 - Station ROMO0651

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	08/18/81-09/17/94	9	0.08	0.084	0.17	0.04	0.001	0.037	0.04	0.06	0.09	0.17
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/18/81-09/17/94	9	2.2	2.2	3.	1.4	0.195	0.442	1.4	1.95	2.45	3.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/18/81-09/17/94	9	0.3	0.267	0.3	0.1	0.005	0.071	0.1	0.25	0.3	0.3
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/18/81-09/17/94	9	0.99	0.804	1.1	0.4	0.083	0.289	0.4	0.49	1.05	1.1
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/18/81-09/17/94	9	0.21	0.209	0.28	0.14	0.003	0.054	0.14	0.15	0.26	0.28
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/18/81-09/17/94	9	0.2	0.158	0.3	0.02	0.007	0.084	0.02	0.1	0.2	0.3
00946	SULFATE, DISSOLVED (MG/L AS SO4)	08/18/81-09/17/94	9	1.7	1.656	2.3	0.9	0.185	0.43	0.9	1.35	1.95	2.3
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	08/18/81-09/17/94	9	1.6	2.2	5.	0.7	2.783	1.668	0.7	1.	3.6	5.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: ROMO0652

NPS Station ID: ROMO0652
LAT/LON: 40.508059/-105.601116
Agency: 11NPSWRD
Date Created: 06/12/99
Location: LOST LAKE
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): ROMO_USFW_LOST
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE PINGREE PARK CO 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT LOST LAKE AND IS WITHIN THE BOUNDARIES OF ROCKY MOUNTAIN NATIONAL PARK. THE DATA ARE FROM A REPORT BY F.A. VERTUCCI AND PAUL STEPHEN CORN; "EVALUATION OF EPISODIC ACIDIFICATION AND AMPHIBIAN DECLINES IN THE ROCKY MOUNTAINS;" 1996. THIS STUDY WAS FUNDED BY THE U.S. FISH AND WILDLIFE SERVICE TO DETERMINE THE EFFECTS OF ACID PRECIPITATION ON POND-BREEDING AMPHIBIANS IN THE WESTERN UNITED STATES. RESULTS OF THIS STUDY SHOWED NO CONCLUSIVE EVIDENCE THAT EPISODIC ACIDIFICATION IS THE CAUSE OF OBSERVED DECLINES IN AMPHIBIAN POPULATIONS. FOR MORE INFORMATION ON THE PARK CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517-8397 (970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: ROMO0652

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00154	SULFATE (AS S) WHOLE WATER, MG/L	06/22/88-06/22/88	1	1.49	1.49	1.49	1.49	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	06/22/88-06/22/88	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	06/22/88-06/22/88	1	7.	7.	7.	7.	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/22/88-06/22/88	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	06/22/88-06/22/88	1	0.16	0.16	0.16	0.16	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	06/22/88-06/22/88	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	06/22/88-06/22/88	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	06/22/88-06/22/88	1	2.4	2.4	2.4	2.4	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	06/22/88-06/22/88	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	06/22/88-06/22/88	1	1.31	1.31	1.31	1.31	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	06/22/88-06/22/88	1	0.38	0.38	0.38	0.38	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	06/22/88-06/22/88	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	06/22/88-06/22/88	1	380.	380.	380.	380.	0.	0.	**	**	**	**
61765	ANC (ACID NEUTRALIZING CAPABILITY) UEG/L	06/22/88-06/22/88	1	134.	134.	134.	134.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0652

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00154	SULFATE (AS S) WHOLE WATER	Drinking Water	250.	1	0	0.00	1	0	0.00									
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00	1	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0653

NPS Station ID: ROMO0653
LAT/LON: 40.508087/-105.620226
Agency: 11NPSWRD
Date Created: 06/30/99
Location: MIDDLE OF LAKE LOUISE AT MID-DEPTH
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): ROMO_JB_LOUISLM
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE PINGREE PARK CO 7.5' (TOPOGRAPHICAL) SERIES QUADRANGLE. THE SITE IS AT THE MIDDLE OF LAKE LOUISE AT MID-DEPTH AND IS LOCATED IN ROCKY MOUNTAIN NATIONAL PARK. DATA WERE COLLECTED FOR THE LOCH VALE WATERSHED STUDY; A LONG TERM MONITORING STUDY FOR THE NATIONAL ATMOSPHERIC DEPOSITION PROGRAM/NATIONAL ACID PRECIPITATION ASSESSMENT PROGRAM (NADP/NAPAP). THE NADP/NAPAP MONITORS WATER QUALITY OF SENSITIVE ENVIRONMENTS FOR CHANGES DUE TO ACID PRECIPITATION. JILL BARON IS THE PROJECT CONTACT FOR THE STUDY AT THE NATURAL RESOURCES ECOLOGY LABORATORY AT COLORADO STATE UNIVERSITY IN FORT COLLINS CO 80525 (TEL. 970-491-1968). FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0653

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/15/82-08/25/90	4	4.5	5.25	8.	4.	3.583	1.893	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/08/82-08/31/91	4	18.5	18.5	20.	17.	1.667	1.291	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/26/83-08/31/91	3	20.	20.	20.	20.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/26/83-08/31/91	3	6.9	6.867	7.	6.7	0.023	0.153	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/26/83-08/31/91	3	6.9	6.848	7.	6.7	0.024	0.154	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/26/83-08/31/91	3	0.126	0.142	0.2	0.1	0.003	0.052	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/08/82-08/31/91	6	6.66	6.683	7.13	6.46	0.058	0.24	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/08/82-08/31/91	6	6.66	6.638	7.13	6.46	0.06	0.245	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/08/82-08/31/91	6	0.219	0.23	0.347	0.074	0.01	0.098	**	**	**	**
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	07/08/82-08/31/91	5	0.12	0.11	0.13	0.09	0.	0.019	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/08/82-08/31/91	5	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/08/82-08/31/91	6	0.004	0.004	0.006	0.003	0.	0.002	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	08/25/90-08/31/91	2	3.2	3.2	3.7	2.7	0.5	0.707	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/08/82-08/31/91	6	2.3	2.3	2.6	2.	0.04	0.2	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/08/82-08/31/91	6	0.3	0.283	0.3	0.2	0.002	0.041	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/08/82-08/31/91	6	0.705	0.795	1.1	0.62	0.041	0.203	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/08/82-08/31/91	6	0.175	0.163	0.19	0.11	0.001	0.033	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/08/82-08/31/91	6	0.2	0.307	0.8	0.04	0.083	0.289	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/08/82-08/31/91	6	1.4	1.467	1.9	1.1	0.087	0.294	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: ROMO0653

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/26/83-08/31/91	3	0.36	0.357	0.37	0.34	0.	0.015	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/26/83-08/31/91	3	5.8	4.833	5.8	2.9	2.803	1.674	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/26/83-08/31/91	3	15.	20.	33.	12.	129.	11.358	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/26/83-08/31/91	3	1.	1.	1.	1.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/26/83-07/26/83	1	30.	30.	30.	30.	0.	0.	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/26/83-08/31/91	3	0.02	0.036	0.08	0.008	0.001	0.039	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/08/82-08/31/91	6	1.1	1.1	1.5	0.8	0.06	0.245	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0653

				Total	Exceed	Prop.	----------6/10-10/31----------			----------11/01-4/10----------			----------4/11-6/09----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00403	PH, LAB	Fresh Chronic	9.	3	0	0.00	3	0	0.00									
		Other-Lo Lim.	6.5	3	0	0.00	3	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	6	0	0.00	6	0	0.00									
		Other-Lo Lim.	6.5	6	2	0.33	6	2	0.33									
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	5	0	0.00	5	0	0.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	6	0	0.00	6	0	0.00									
		Drinking Water	250.	6	0	0.00	6	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	6	0	0.00	6	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	3	0	0.00	3	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	6	0	0.00	6	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0654

NPS Station ID: ROMO0654
LAT/LON: 40.508087/-105.620226
Agency: 11NPSWRD
Date Created: 06/30/99
Location: MIDDLE OF LAKE LOUISE AT THE BOTTOM
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): ROMO_JB_LOUISLH
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE PINGREE PARK CO 7.5' (TOPOGRAPHICAL) SERIES QUADRANGLE. THE SITE IS AT THE MIDDLE OF LAKE LOUISE AT THE BOTTOM AND IS LOCATED IN ROCKY MOUNTAIN NATIONAL PARK. DATA WERE COLLECTED FOR THE LOCH VALE WATERSHED STUDY; A LONG TERM MONITORING STUDY FOR THE NATIONAL ATMOSPHERIC DEPOSITION PROGRAM/NATIONAL ACID PRECIPITATION ASSESSMENT PROGRAM (NADP/NAPAP). THE NADP/NAPAP MONITORS WATER QUALITY OF SENSITIVE ENVIRONMENTS FOR CHANGES DUE TO ACID PRECIPITATION. JILL BARON IS THE PROJECT CONTACT FOR THE STUDY AT THE NATURAL RESOURCES ECOLOGY LABORATORY AT COLORADO STATE UNIVERSITY IN FORT COLLINS CO 80525 (TEL. 970-491-1968). FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0654

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/15/82-08/03/88	6	5.5	5.5	8.	4.	2.3	1.517	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/08/82-08/03/88	5	21.	20.	21.	18.	2.	1.414	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/26/83-08/03/88	4	21.	21.	22.	20.	0.667	0.816	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/26/83-08/03/88	3	7.	6.967	7.	6.9	0.003	0.058	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/26/83-08/03/88	3	7.	6.964	7.	6.9	0.003	0.058	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/26/83-08/03/88	3	0.1	0.109	0.126	0.1	0.	0.015	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/08/82-08/03/88	7	6.98	6.907	7.12	6.68	0.043	0.208	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/08/82-08/03/88	7	6.98	6.865	7.12	6.68	0.045	0.213	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/08/82-08/03/88	7	0.105	0.137	0.209	0.076	0.004	0.064	**	**	**	**
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	07/08/82-08/03/88	6	0.125	0.128	0.16	0.11	0.	0.019	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/08/82-08/03/88	6	0.003	0.004	0.007	0.003	0.	0.002	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/08/82-08/03/88	7	0.006	0.006	0.01	0.003	0.	0.003	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	08/11/87-08/11/87	1	1.	1.	1.	1.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/08/82-08/03/88	7	2.6	2.5	2.9	2.1	0.1	0.316	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/08/82-08/03/88	7	0.3	0.257	0.3	0.2	0.003	0.053	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/08/82-08/03/88	7	0.67	0.669	0.72	0.6	0.002	0.046	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/08/82-08/03/88	7	0.2	0.191	0.22	0.12	0.001	0.033	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/08/82-08/03/88	7	0.1	0.1	0.2	0.03	0.003	0.051	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/08/82-08/03/88	7	1.1	1.143	1.5	0.8	0.056	0.237	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: ROMO0654

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/26/83-08/03/88	4	0.365	0.362	0.38	0.34	0.	0.017	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/26/83-08/03/88	4	2.9	2.9	3.1	2.7	0.027	0.163	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/26/83-08/03/88	4	12.5	11.25	14.	6.	14.25	3.775	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/26/83-08/03/88	4	1.	1.	1.	1.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/26/83-08/03/88	4	18.	17.	20.	12.	14.667	3.83	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/26/83-08/03/88	4	0.035	0.035	0.07	0.001	0.001	0.035	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/08/82-08/03/88	7	1.	1.086	1.5	0.7	0.078	0.279	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0654

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	3	0	0.00	3	0	0.00									
		Other-Lo Lim.	6.5	3	0	0.00	3	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	7	0	0.00	7	0	0.00									
		Other-Lo Lim.	6.5	7	0	0.00	7	0	0.00									
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	6	0	0.00	6	0	0.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	7	0	0.00	7	0	0.00									
		Drinking Water	250.	7	0	0.00	7	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	7	0	0.00	7	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	4	0	0.00	4	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	7	0	0.00	7	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0655

NPS Station ID: ROMO0655
LAT/LON: 40.508087/-105.620226
Agency: 11NPSWRD
Date Created: 06/30/99
Location: MIDDLE OF LAKE LOUISE AT THE SURFACE
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): ROMO_JB_LOUISLS
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE PINGREE PARK CO 7.5' (TOPOGRAPHICAL) SERIES QUADRANGLE. THE SITE IS AT THE MIDDLE OF LAKE LOUISE AT THE SURFACE AND IS LOCATED IN ROCKY MOUNTAIN NATIONAL PARK. DATA WERE COLLECTED FOR THE LOCH VALE WATERSHED STUDY; A LONG TERM MONITORING STUDY FOR THE NATIONAL ATMOSPHERIC DEPOSITION PROGRAM/NATIONAL ACID PRECIPITATION ASSESSMENT PROGRAM (NADP/NAPAP). THE NADP/NAPAP MONITORS WATER QUALITY OF SENSITIVE ENVIRONMENTS FOR CHANGES DUE TO ACID PRECIPITATION. JILL BARON IS THE PROJECT CONTACT FOR THE STUDY AT THE NATURAL RESOURCES ECOLOGY LABORATORY AT COLORADO STATE UNIVERSITY IN FORT COLLINS CO 80525 (TEL. 970-491-1968). FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0655

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/15/82-08/03/88	6	7.	7.	10.	4.	7.6	2.757	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/08/82-10/10/95	8	20.	20.5	24.	18.	4.571	2.138	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/26/83-10/10/95	6	20.5	19.833	21.	17.	2.567	1.602	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/26/83-10/10/95	6	7.	6.983	7.2	6.7	0.046	0.214	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/26/83-10/10/95	6	6.989	6.94	7.2	6.7	0.048	0.219	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/26/83-10/10/95	6	0.103	0.115	0.2	0.063	0.003	0.056	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/08/82-10/10/95	10	7.02	7.008	7.38	6.53	0.08	0.283	6.546	6.773	7.278	7.372
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/08/82-10/10/95	10	7.017	6.924	7.38	6.53	0.088	0.296	6.546	6.772	7.277	7.372
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/08/82-10/10/95	10	0.096	0.119	0.295	0.042	0.007	0.081	0.043	0.053	0.17	0.286
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	07/09/81-10/10/95	18	0.145	0.143	0.17	0.12	0.	0.014	0.12	0.13	0.15	0.161
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/08/82-08/03/88	6	0.003	0.005	0.01	0.003	0.	0.003	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/09/81-10/10/95	18	0.01	0.012	0.03	0.	0.	0.009	0.003	0.003	0.02	0.021
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	08/11/87-10/10/95	3	1.3	1.267	2.	0.5	0.563	0.751	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/09/81-10/10/95	20	2.9	2.795	3.2	2.1	0.102	0.319	2.2	2.65	2.9	3.2
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/09/81-10/10/95	20	0.3	0.29	0.3	0.2	0.001	0.031	0.21	0.3	0.3	0.3
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/09/81-10/10/95	20	0.695	0.685	0.83	0.6	0.002	0.049	0.621	0.653	0.71	0.72
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/09/81-10/10/95	20	0.19	0.187	0.26	0.11	0.001	0.03	0.16	0.17	0.208	0.219
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/09/81-10/10/95	20	0.1	0.153	0.6	0.07	0.013	0.116	0.082	0.1	0.2	0.2
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/09/81-10/10/95	20	1.35	1.395	2.1	0.8	0.121	0.347	1.	1.1	1.575	1.99

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: ROMO0655

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/26/83-09/30/93	5	0.38	0.376	0.4	0.35	0.	0.018	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/09/81-09/30/93	15	6.2	5.167	6.5	2.7	2.964	1.722	2.7	2.9	6.4	6.5
01046	IRON, DISSOLVED (UG/L AS FE)	07/26/83-08/03/88	4	14.	14.	16.	12.	5.333	2.309	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/26/83-08/03/88	4	1.	1.	1.	1.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/26/83-09/30/93	5	23.	22.6	30.	16.	32.8	5.727	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/09/81-10/10/95	16	0.004	0.026	0.18	0.001	0.002	0.048	0.001	0.002	0.03	0.117
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/09/81-10/10/95	20	1.1	1.045	1.4	0.6	0.061	0.246	0.61	0.85	1.2	1.39

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0655

				Total	Exceed	Prop.	----------6/10-10/31----------			----------11/01-4/10----------			----------4/11-6/09----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00403	PH, LAB	Fresh Chronic	9.	6	0	0.00	6	0	0.00									
		Other-Lo Lim.	6.5	6	0	0.00	6	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	10	0	0.00	10	0	0.00									
		Other-Lo Lim.	6.5	10	0	0.00	10	0	0.00									
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	6	0	0.00	6	0	0.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	20	0	0.00	20	0	0.00									
		Drinking Water	250.	20	0	0.00	20	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	20	0	0.00	20	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	5	0	0.00	5	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	20	0	0.00	20	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 6/10 to 10/31 - Station ROMO0655

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00406	PH, FIELD, STANDARD UNITS SU	07/08/82-10/10/95	10	7.02	7.008	7.38	6.53	0.08	0.283	6.546	6.773	7.278	7.372
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/08/82-10/10/95	10	7.017	6.924	7.38	6.53	0.088	0.296	6.546	6.772	7.277	7.372
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/08/82-10/10/95	10	0.096	0.119	0.295	0.042	0.007	0.081	0.043	0.053	0.17	0.286
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	07/09/81-10/10/95	18	0.145	0.143	0.17	0.12	0.	0.014	0.12	0.13	0.15	0.161
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/09/81-10/10/95	18	0.01	0.012	0.03	0.	0.	0.009	0.003	0.003	0.02	0.021
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/09/81-10/10/95	20	2.9	2.795	3.2	2.1	0.102	0.319	2.2	2.65	2.9	3.2
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/09/81-10/10/95	20	0.3	0.29	0.3	0.2	0.001	0.031	0.21	0.3	0.3	0.3
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/09/81-10/10/95	20	0.695	0.685	0.83	0.6	0.002	0.049	0.621	0.653	0.71	0.72
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/09/81-10/10/95	20	0.19	0.187	0.26	0.11	0.001	0.03	0.16	0.17	0.208	0.219
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/09/81-10/10/95	20	0.1	0.153	0.6	0.07	0.013	0.116	0.082	0.1	0.2	0.2
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/09/81-10/10/95	20	1.35	1.395	2.1	0.8	0.121	0.347	1.	1.1	1.575	1.99
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/09/81-09/30/93	15	6.2	5.167	6.5	2.7	2.964	1.722	2.7	2.9	6.4	6.5
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/09/81-10/10/95	16	0.004	0.026	0.18	0.001	0.002	0.048	0.001	0.002	0.03	0.117
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/09/81-10/10/95	20	1.1	1.045	1.4	0.6	0.061	0.246	0.61	0.85	1.2	1.39

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: ROMO0656

NPS Station ID: ROMO0656
LAT/LON: 40.508365/-105.609781
Agency: 11NPSWRD
Date Created: 06/18/99
Location: LAKE HUSTED OUTLET
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_NPS_HUST
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE PINGREE PARK CO 7.5' SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT THE OUTLET OF LAKE HUSTED IN THE DRAINAGE OF THE NORTH FORK OF THE BIG THOMPSON RIVER AND IS WITHIN ROCKY MOUNTAIN NATIONAL PARK. THE DATA ARE FROM A STUDY CONDUCTED IN 1985 TO EXAMINE THE PRESENCE OF GIARDIA IN THE REMOTE BACKCOUNTRY STREAMS OF ROCKY MOUNTAIN NATIONAL PARK IN AREAS OF POOR OR MARGINAL BEAVER HABITAT AND LOW HUMAN USE. DON L. MONZINGO JR. OF COLORADO STATE UNIVERSITY IN FORT COLLINS CO CONDUCTED THE STUDY. FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0656

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61229	GIARDIA CYSTS IN SURFACE WATER CATEGORIES/100L	07/01/85-07/01/85	1	0.	0.	0.	0.	0.	0.	**	**	**	**
61732	GIARDIA, FILTRATION CYSTS/100 GAL	07/01/85-07/01/85	1	0.	0.	0.	0.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: ROMO0657

NPS Station ID: ROMO0657
LAT/LON: 40.509170/-105.610559
Agency: 112WRD
Date Created: 01/07/89
Location: HUSTED H
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 403033105363801
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 7.20
On/Off RF1:
RF3 Index: 10190006003800.00
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0657

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	PH (STANDARD UNITS)	08/06/86-08/06/86	1	7.11	7.11	7.11	7.11	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/06/86-08/06/86	1	7.11	7.11	7.11	7.11	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/06/86-08/06/86	1	0.078	0.078	0.078	0.078	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/06/86-08/06/86	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/06/86-08/06/86	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/06/86-08/06/86	1	0.158	0.158	0.158	0.158	0.	0.	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/06/86-08/03/88	3	0.01	0.015	0.029	0.006	0.	0.012	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	08/06/86-08/03/88	3 ##	0.001	0.002	0.005	0.001	0.	0.003	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/06/86-08/03/88	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/06/86-08/03/88	3 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/06/86-08/03/88	3 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/06/86-08/03/88	3	0.1	0.11	0.2	0.03	0.007	0.085	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/06/86-08/03/88	3	0.8	0.767	0.8	0.7	0.003	0.058	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/11/87-08/11/87	1	120.	120.	120.	120.	0.	0.	**	**	**	**
71825	ACIDITY, TOTAL (MG/L AS H)	08/06/86-08/03/88	3	0.02	0.023	0.03	0.02	0.	0.006	**	**	**	**
71870	BROMIDE (MG/L AS BR)	08/06/86-08/03/88	3 ##	0.005	0.007	0.01	0.005	0.	0.003	**	**	**	**
72015	DEPTH TO TOP OF SAMPLE INTERVAL (FT BELOW LSD)	08/06/86-08/11/87	2	13.1	13.1	19.7	6.5	87.12	9.334	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0657

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	3	0	0.00	3	0	0.00									
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	3	0	0.00	3	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	3	0	0.00	3	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	3	0	0.00	3	0	0.00									
		Drinking Water	250.	3	0	0.00	3	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	3	0	0.00	3	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0658

NPS Station ID: ROMO0658
LAT/LON: 40.509170/-105.610559
Agency: 112WRD
Date Created: 01/07/89
Location: HUSTED S
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 403033105363800
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 11.90
On/Off RF1:
RF3 Index: 10190006039800.24
RF3 Mile Point: 0.23
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0658

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00400	PH (STANDARD UNITS)	08/11/87-08/11/87	1	7.15	7.15	7.15	7.15	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/11/87-08/11/87	1	7.15	7.15	7.15	7.15	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/11/87-08/11/87	1	0.071	0.071	0.071	0.071	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/06/86-08/11/87	2	6.85	6.85	6.9	6.8	0.005	0.071	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/06/86-08/11/87	2	6.847	6.847	6.9	6.8	0.005	0.071	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/06/86-08/11/87	2	0.142	0.142	0.158	0.126	0.001	0.023	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/06/86-08/03/88	4	0.011	0.013	0.028	0.001	0.	0.011	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	08/06/86-08/03/88	4 ##	0.001	0.001	0.002	0.001	0.	0.001	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/06/86-08/03/88	4 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/06/86-08/03/88	4 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/06/86-08/03/88	4 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	08/11/87-08/11/87	1	3.2	3.2	3.2	3.2	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/06/86-08/03/88	4	0.1	0.09	0.1	0.06	0.	0.02	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/06/86-08/03/88	4	0.8	0.775	0.8	0.7	0.003	0.05	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/11/87-08/11/87	1	0.29	0.29	0.29	0.29	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/11/87-08/11/87	2	110.	110.	110.	110.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/11/87-08/11/87	1	4.2	4.2	4.2	4.2	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/11/87-08/11/87	1	18.	18.	18.	18.	0.	0.	**	**	**	**
71825	ACIDITY, TOTAL (MG/L AS H)	08/06/86-08/03/88	4	0.025	0.028	0.04	0.02	0.	0.01	**	**	**	**
71870	BROMIDE (MG/L AS BR)	08/06/86-08/03/88	4 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
72015	DEPTH TO TOP OF SAMPLE INTERVAL (FT BELOW LSD)	08/06/86-08/11/87	3	0.5	0.867	1.6	0.5	0.403	0.635	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0658

				Total	Exceed	Prop.	----------6/10-10/31----------			----------11/01-4/10----------			----------4/11-6/09----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00403	PH, LAB	Fresh Chronic	9.	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	0	0.00	2	0	0.00									
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	4	0	0.00	4	0	0.00									
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	4	0	0.00	4	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	4	0	0.00	4	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: ROMO0658

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	4	0	0.00	4	0	0.00									
		Drinking Water	250.	4	0	0.00	4	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	4	0	0.00	4	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0659

NPS Station ID: ROMO0659
LAT/LON: 40.509170/-105.610559
Agency: 112WRD
Date Created: 06/29/91
Location: Lake Husted OUtlet
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 403033105363802
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC:
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index:
RF1 Mile Point: 0.000
Distance from RF1: 11.90
On/Off RF1:
RF3 Index: 10190006039800.24
RF3 Mile Point: 0.23
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0659

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/31/91-08/31/91	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/25/90-08/31/91	2	14.	14.	14.	14.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	08/25/90-08/31/91	2	7.205	7.205	7.26	7.15	0.006	0.078	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/25/90-08/31/91	2	7.202	7.202	7.26	7.15	0.006	0.078	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/25/90-08/31/91	2	0.063	0.063	0.071	0.055	0.	0.011	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	08/25/90-08/31/91	2	7.2	7.2	7.5	6.9	0.18	0.424	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	08/25/90-08/31/91	2	7.104	7.104	7.5	6.9	0.199	0.446	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/25/90-08/31/91	2	0.079	0.079	0.126	0.032	0.004	0.067	**	**	**	**
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	08/25/90-08/31/91	2	0.013	0.013	0.015	0.011	0.	0.003	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	08/25/90-08/31/91	2	0.005	0.005	0.008	0.001	0.	0.005	**	**	**	**
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	08/25/90-08/31/91	2	0.035	0.035	0.04	0.03	0.	0.007	**	**	**	**
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	08/25/90-08/31/91	2	0.035	0.035	0.04	0.03	0.	0.007	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/25/90-08/31/91	2 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	08/25/90-08/31/91	2	2.15	2.15	2.3	2.	0.045	0.212	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/25/90-08/31/91	2	1.85	1.85	1.9	1.8	0.005	0.071	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/25/90-08/31/91	2	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	08/25/90-08/31/91	2	0.65	0.65	0.7	0.6	0.005	0.071	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	08/25/90-08/31/91	2	0.175	0.175	0.21	0.14	0.002	0.049	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/25/90-08/31/91	2	0.145	0.145	0.2	0.09	0.006	0.078	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	08/25/90-08/31/91	2	1.	1.	1.	1.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	08/25/90-08/31/91	2	0.305	0.305	0.31	0.3	0.	0.007	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/25/90-08/31/91	2	1.7	1.7	1.9	1.5	0.08	0.283	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	08/25/90-08/31/91	2	80.5	80.5	100.	61.	760.5	27.577	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	08/25/90-08/31/91	2	3.	3.	3.	3.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	08/25/90-08/31/91	2	15.5	15.5	18.	13.	12.5	3.536	**	**	**	**
71825	ACIDITY, TOTAL (MG/L AS H)	08/25/90-08/31/91	2	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
71870	BROMIDE (MG/L AS BR)	08/25/90-08/31/91	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0659

Parameter				Total	Exceed	Prop.	6/10-10/31			11/01-4/10			4/11-6/09			n/a		
		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Fresh Chronic	9.	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	0	0.00	2	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: ROMO0659

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	2	0	0.00	2	0	0.00									
		Other-Lo Lim.	6.5	2	0	0.00	2	0	0.00									
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	2	0	0.00	2	0	0.00									
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	2	0	0.00	2	0	0.00									
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	2	0	0.00	2	0	0.00									
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	2	0	0.00	2	0	0.00									
		Drinking Water	250.	2	0	0.00	2	0	0.00									
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	2	0	0.00	2	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	2	0	0.00	2	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0660

NPS Station ID: ROMO0660
LAT/LON: 40.509699/-105.609920
Agency: 11NPSWRD
Date Created: 06/30/99
Location: MIDDLE OF LAKE HUSTED AT MID-DEPTH
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): ROMO_JB_HUSTLM
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE PINGREE PARK CO 7.5' (TOPOGRAPHICAL) SERIES QUADRANGLE. THE SITE IS AT THE MIDDLE OF LAKE HUSTED AT MID-DEPTH AND IS LOCATED IN ROCKY MOUNTAIN NATIONAL PARK. DATA WERE COLLECTED FOR THE LOCH VALE WATERSHED STUDY; A LONG TERM MONITORING STUDY FOR THE NATIONAL ATMOSPHERIC DEPOSITION PROGRAM/NATIONAL ACID PRECIPITATION ASSESSMENT PROGRAM (NADP/NAPAP). THE NADP/NAPAP MONITORS WATER QUALITY OF SENSITIVE ENVIRONMENTS FOR CHANGES DUE TO ACID PRECIPITATION. JILL BARON IS THE PROJECT CONTACT FOR THE STUDY AT THE NATURAL RESOURCES ECOLOGY LABORATORY AT COLORADO STATE UNIVERSITY IN FORT COLLINS CO 80525 (TEL. 970-491-1968). FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0660

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/16/82-08/31/91	4	7.75	9.5	16.	6.5	20.167	4.491	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/08/82-08/31/91	4	13.5	12.75	14.	10.	3.583	1.893	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/25/83-08/31/91	3	14.	14.	16.	12.	4.	2.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/25/83-08/31/91	3	6.9	7.1	7.5	6.9	0.12	0.346	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/25/83-08/31/91	3	6.9	7.025	7.5	6.9	0.129	0.358	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/25/83-08/31/91	3	0.126	0.094	0.126	0.032	0.003	0.054	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/08/82-08/31/91	6	6.975	6.852	7.26	6.31	0.191	0.437	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/08/82-08/31/91	6	6.941	6.672	7.26	6.31	0.23	0.479	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/08/82-08/31/91	6	0.115	0.213	0.49	0.055	0.041	0.202	**	**	**	**
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	09/16/82-08/31/91	3	0.09	0.077	0.09	0.05	0.001	0.023	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/08/82-08/31/91	5	0.003	0.008	0.026	0.003	0.	0.01	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/08/82-08/31/91	6	0.003	0.004	0.006	0.003	0.	0.001	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	08/25/90-08/31/91	2	2.15	2.15	2.3	2.	0.045	0.212	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/08/82-08/31/91	6	1.2	1.417	1.9	1.2	0.114	0.337	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/08/82-08/31/91	6	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/08/82-08/31/91	6	0.6	0.622	0.73	0.5	0.007	0.083	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/08/82-08/31/91	6	0.125	0.137	0.21	0.1	0.002	0.043	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/08/82-08/31/91	6	0.15	0.17	0.4	0.03	0.017	0.131	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/08/82-08/31/91	6	0.95	0.917	1.1	0.7	0.022	0.147	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: ROMO0660

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/25/83-08/31/91	3	0.3	0.26	0.31	0.17	0.006	0.078	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/25/83-08/31/91	3	1.5	1.467	1.9	1.	0.203	0.451	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/25/83-08/31/91	2	69.	69.	77.	61.	128.	11.314	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/25/83-08/31/91	3	3.	3.	3.	3.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/25/83-08/31/91	3	18.	23.667	40.	13.	206.333	14.364	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/25/83-08/31/91	3	0.02	0.04	0.09	0.01	0.002	0.044	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/08/82-08/31/91	6	0.09	0.102	0.2	0.04	0.003	0.053	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0660

				Total	Exceed	Prop.	----------6/10-10/31----------			----------11/01-4/10----------			----------4/11-6/09----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00403	PH, LAB	Fresh Chronic	9.	3	0	0.00	3	0	0.00									
		Other-Lo Lim.	6.5	3	0	0.00	3	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	6	0	0.00	6	0	0.00									
		Other-Lo Lim.	6.5	6	2	0.33	6	2	0.33									
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	5	0	0.00	5	0	0.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	6	0	0.00	6	0	0.00									
		Drinking Water	250.	6	0	0.00	6	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	6	0	0.00	6	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	3	0	0.00	3	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	6	0	0.00	6	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0661

NPS Station ID: ROMO0661 | LAT/LON: 40.509699/-105.609920 | Agency: 11NPSWRD | Date Created: 06/30/99
Location: MIDDLE OF LAKE HUSTED AT THE BOTTOM | FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): ROMO_JB_HUSTLH
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006 | Depth of Water: 0 | Aquifer:
Major Basin: MISSOURI RIVER | Elevation: 0 | Water Body Id:
Minor Basin: SOUTH PLATTE RIVER | ECO Region:
RF1 Index: 10190006 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE PINGREE PARK CO 7.5' (TOPOGRAPHICAL) SERIES QUADRANGLE. THE SITE IS AT THE MIDDLE OF LAKE HUSTED AT THE BOTTOM AND IS LOCATED IN ROCKY MOUNTAIN NATIONAL PARK. DATA WERE COLLECTED FOR THE LOCH VALE WATERSHED STUDY; A LONG TERM MONITORING STUDY FOR THE NATIONAL ATMOSPHERIC DEPOSITION PROGRAM/NATIONAL ACID PRECIPITATION ASSESSMENT PROGRAM (NADP/NAPAP). THE NADP/NAPAP MONITORS WATER QUALITY OF SENSITIVE ENVIRONMENTS FOR CHANGES DUE TO ACID PRECIPITATION. JILL BARON IS THE PROJECT CONTACT FOR THE STUDY AT THE NATURAL RESOURCES ECOLOGY LABORATORY AT COLORADO STATE UNIVERSITY IN FORT COLLINS CO 80525 (TEL. 970-491-1968). FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0661

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/16/82-08/03/88	6	10.	9.383	12.	6.4	6.378	2.525	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/08/82-08/03/88	5	13.	12.8	16.	10.	4.7	2.168	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/25/83-08/03/88	4	13.5	13.5	15.	12.	1.667	1.291	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/25/83-08/03/88	3	6.9	6.833	6.9	6.7	0.013	0.115	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/25/83-08/03/88	3	6.9	6.823	6.9	6.7	0.014	0.116	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/25/83-08/03/88	3	0.126	0.15	0.2	0.126	0.002	0.043	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/08/82-08/03/88	7	7.01	6.904	7.21	6.34	0.111	0.333	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/08/82-08/03/88	7	7.01	6.779	7.21	6.34	0.129	0.36	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/08/82-08/03/88	7	0.098	0.166	0.457	0.062	0.023	0.151	**	**	**	**
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	09/16/82-08/03/88	4	0.085	0.083	0.09	0.07	0.	0.01	**	**	**	**
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/08/82-08/03/88	6	0.003	0.005	0.016	0.003	0.	0.005	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/08/82-08/03/88	7	0.003	0.003	0.006	0.003	0.	0.001	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	08/11/87-08/11/87	1	3.3	3.3	3.3	3.3	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/08/82-08/03/88	7	1.3	1.429	1.7	1.2	0.042	0.206	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/08/82-08/03/88	7	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/08/82-08/03/88	7	0.64	0.611	0.66	0.5	0.003	0.056	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/08/82-08/03/88	7	0.1	0.117	0.17	0.09	0.001	0.036	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/08/82-08/03/88	7	0.08	0.096	0.3	0.02	0.009	0.095	**	**	**	**
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/08/82-08/03/88	7	0.8	0.857	1.1	0.7	0.023	0.151	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: ROMO0661

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/25/83-08/03/88	4	0.27	0.255	0.3	0.18	0.003	0.054	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/25/83-08/03/88	4	1.5	1.45	1.7	1.1	0.063	0.252	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	07/25/83-08/03/88	3	63.	73.	97.	59.	436.	20.881	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/25/83-08/03/88	4	3.65	3.725	5.	2.6	1.049	1.024	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/25/83-08/03/88	4	22.5	26.5	40.	21.	81.667	9.037	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/25/83-08/03/88	4	0.025	0.032	0.07	0.008	0.001	0.029	**	**	**	**
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/08/82-08/03/88	7	0.04	0.061	0.09	0.04	0.001	0.027	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0661

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	3	0	0.00	3	0	0.00									
		Other-Lo Lim.	6.5	3	0	0.00	3	0	0.00									
00406	PH, FIELD	Fresh Chronic	9.	7	0	0.00	7	0	0.00									
		Other-Lo Lim.	6.5	7	1	0.14	7	1	0.14									
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	6	0	0.00	6	0	0.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	7	0	0.00	7	0	0.00									
		Drinking Water	250.	7	0	0.00	7	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	7	0	0.00	7	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	4	0	0.00	4	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	7	0	0.00	7	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0662

NPS Station ID: ROMO0662 LAT/LON: 40.509699/-105.609920 Agency: 11NPSWRD Date Created: 06/30/99
Location: MIDDLE OF LAKE HUSTED AT THE SURFACE FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): ROMO_JB_HUSTLS
RMI-Indexes: Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI RIVER Elevation: 0 Water Body Id:
Minor Basin: SOUTH PLATTE RIVER ECO Region:
RF1 Index: 10190006 RF1 Mile Point: 0.000 Distance from RF1: 12.40 On/Off RF1:
RF3 Index: 10190007002218.40 RF3 Mile Point: 18.39 Distance from RF3: 0.57 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE PINGREE PARK CO 7.5' (TOPOGRAPHICAL) SERIES QUADRANGLE. THE SITE IS AT THE MIDDLE OF LAKE HUSTED AT THE SURFACE AND IS LOCATED IN ROCKY MOUNTAIN NATIONAL PARK. DATA WERE COLLECTED FOR THE LOCH VALE WATERSHED STUDY; A LONG TERM MONITORING STUDY FOR THE NATIONAL ATMOSPHERIC DEPOSITION PROGRAM/NATIONAL ACID PRECIPITATION ASSESSMENT PROGRAM (NADP/NAPAP). THE NADP/NAPAP MONITORS WATER QUALITY OF SENSITIVE ENVIRONMENTS FOR CHANGES DUE TO ACID PRECIPITATION. JILL BARON IS THE PROJECT CONTACT FOR THE STUDY AT THE NATURAL RESOURCES ECOLOGY LABORATORY AT COLORADO STATE UNIVERSITY IN FORT COLLINS CO 80525 (TEL. 970-491-1968). FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0662

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/16/82-09/13/97	9	11.	10.778	16.	7.	7.444	2.728	7.	8.5	12.	16.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/08/82-09/13/97	14	14.	14.	18.	10.	4.	2.	11.	12.75	15.	17.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/25/83-09/13/97	12	13.5	13.417	16.	11.	2.447	1.564	11.3	12.	14.	16.
00403	PH, LAB, STANDARD UNITS SU	07/25/83-09/13/97	13	6.8	6.792	7.5	6.3	0.101	0.317	6.34	6.6	6.9	7.38
00403	CONVERTED PH, LAB, STANDARD UNITS	07/25/83-09/13/97	13	6.8	6.698	7.5	6.3	0.11	0.332	6.34	6.6	6.9	7.38
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/25/83-09/13/97	13	0.158	0.2	0.501	0.032	0.018	0.132	0.044	0.126	0.258	0.46
00406	PH, FIELD, STANDARD UNITS SU	07/08/82-09/13/97	16	6.975	6.984	7.64	6.44	0.108	0.328	6.44	6.785	7.243	7.402
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/08/82-09/13/97	16	6.974	6.87	7.64	6.44	0.122	0.349	6.44	6.785	7.243	7.402
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/08/82-09/13/97	16	0.106	0.135	0.363	0.023	0.011	0.105	0.042	0.057	0.164	0.363
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	07/09/81-09/13/97	23	0.1	0.097	0.11	0.08	0.	0.008	0.09	0.09	0.1	0.11
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/08/82-08/31/91	8	0.003	0.006	0.026	0.003	0.	0.008	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/09/81-09/13/97	24	0.003	0.008	0.02	0.	0.	0.008	0.	0.003	0.02	0.02
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	07/26/83-09/13/97	9	2.1	2.578	5.8	1.4	1.734	1.317	1.4	1.9	2.9	5.8
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/09/81-09/13/97	27	1.8	1.681	2.	1.1	0.059	0.243	1.28	1.6	1.8	1.92
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/09/81-09/13/97	27	0.2	0.207	0.3	0.2	0.001	0.027	0.2	0.2	0.2	0.22
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/09/81-09/13/97	27	0.67	0.687	1.	0.4	0.015	0.123	0.58	0.6	0.75	0.846
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/09/81-09/13/97	27	0.13	0.135	0.35	0.04	0.004	0.063	0.056	0.1	0.17	0.21
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/09/81-09/13/97	27	0.1	0.157	0.7	0.03	0.021	0.144	0.046	0.08	0.2	0.32
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/09/81-09/13/97	27	0.9	0.841	1.2	0.5	0.032	0.178	0.58	0.7	1.	1.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: ROMO0662

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/25/83-09/30/93	9	0.3	0.264	0.31	0.17	0.003	0.052	0.17	0.22	0.3	0.31
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/09/81-09/13/97	21	1.9	1.91	2.8	1.	0.303	0.55	1.1	1.5	2.3	2.78
01046	IRON, DISSOLVED (UG/L AS FE)	07/25/83-08/28/92	5	61.	65.6	78.	53.	126.8	11.261	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/25/83-08/31/91	6	3.	3.283	4.3	2.9	0.294	0.542	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/25/83-09/30/93	9	20.	24.111	40.	13.	104.361	10.216	13.	16.	34.5	40.
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/09/81-09/13/97	22	0.015	0.033	0.16	0.001	0.002	0.041	0.003	0.007	0.043	0.107
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/09/81-09/13/97	27	0.05	0.061	0.2	0.	0.002	0.05	0.008	0.04	0.08	0.12

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0662

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	13	0	0.00	13	0	0.00									
		Other-Lo Lim.	6.5	13	3	0.23	13	3	0.23									
00406	PH, FIELD	Fresh Chronic	9.	16	0	0.00	16	0	0.00									
		Other-Lo Lim.	6.5	16	2	0.13	16	2	0.13									
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	8	0	0.00	8	0	0.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	27	0	0.00	27	0	0.00									
		Drinking Water	250.	27	0	0.00	27	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	27	0	0.00	27	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	9	0	0.00	9	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	27	0	0.00	27	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 6/10 to 10/31 - Station ROMO0662

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/16/82-09/13/97	9	11.	10.778	16.	7.	7.444	2.728	7.	8.5	12.	16.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/08/82-09/13/97	14	14.	14.	18.	10.	4.	2.	11.	12.75	15.	17.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/25/83-09/13/97	12	13.5	13.417	16.	11.	2.447	1.564	11.3	12.	14.	16.
00403	PH, LAB, STANDARD UNITS SU	07/25/83-09/13/97	13	6.8	6.792	7.5	6.3	0.101	0.317	6.34	6.6	6.9	7.38
00403	CONVERTED PH, LAB, STANDARD UNITS	07/25/83-09/13/97	13	6.8	6.698	7.5	6.3	0.11	0.332	6.34	6.6	6.9	7.38
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/25/83-09/13/97	13	0.158	0.2	0.501	0.032	0.018	0.132	0.044	0.126	0.258	0.46
00406	PH, FIELD, STANDARD UNITS SU	07/08/82-09/13/97	16	6.975	6.984	7.64	6.44	0.108	0.328	6.44	6.785	7.243	7.402
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/08/82-09/13/97	16	6.974	6.87	7.64	6.44	0.122	0.349	6.44	6.785	7.243	7.402
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/08/82-09/13/97	16	0.106	0.135	0.363	0.023	0.011	0.105	0.042	0.057	0.164	0.363
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	07/09/81-09/13/97	23	0.1	0.097	0.11	0.08	0.	0.008	0.09	0.09	0.1	0.11
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/09/81-09/13/97	24	0.003	0.008	0.02	0.	0.	0.008	0.	0.003	0.02	0.02
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	07/26/83-09/13/97	9	2.1	2.578	5.8	1.4	1.734	1.317	1.4	1.9	2.9	5.8
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/09/81-09/13/97	27	1.8	1.681	2.	1.1	0.059	0.243	1.28	1.6	1.8	1.92
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/09/81-09/13/97	27	0.2	0.207	0.3	0.2	0.001	0.027	0.2	0.2	0.2	0.22
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/09/81-09/13/97	27	0.67	0.687	1.	0.4	0.015	0.123	0.58	0.6	0.75	0.846
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/09/81-09/13/97	27	0.13	0.135	0.35	0.04	0.004	0.063	0.056	0.1	0.17	0.21
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/09/81-09/13/97	27	0.1	0.157	0.7	0.03	0.021	0.144	0.046	0.08	0.2	0.32
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/09/81-09/13/97	27	0.9	0.841	1.2	0.5	0.032	0.178	0.58	0.7	1.	1.1
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/25/83-09/30/93	9	0.3	0.264	0.31	0.17	0.003	0.052	0.17	0.22	0.3	0.31
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/09/81-09/13/97	21	1.9	1.91	2.8	1.	0.303	0.55	1.1	1.5	2.3	2.78
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/25/83-09/30/93	9	20.	24.111	40.	13.	104.361	10.216	13.	16.	34.5	40.
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/09/81-09/13/97	22	0.015	0.033	0.16	0.001	0.002	0.041	0.003	0.007	0.043	0.107
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/09/81-09/13/97	27	0.05	0.061	0.2	0.	0.002	0.05	0.008	0.04	0.08	0.12

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: ROMO0663

NPS Station ID: ROMO0663
LAT/LON: 40.510142/-105.611087
Agency: 11NPSWRD
Date Created: 06/30/99
Location: INLET STREAM TO LAKE HUSTED
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_JB_HUSTI
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190006
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190006
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE PINGREE PARK CO 7.5' (TOPOGRAPHICAL) SERIES QUADRANGLE. THE SITE IS AT THE INLET STREAM TO LAKE HUSTED AND IS LOCATED IN ROCKY MOUNTAIN NATIONAL PARK. DATA WERE COLLECTED FOR THE LOCH VALE WATERSHED STUDY; A LONG TERM MONITORING STUDY FOR THE NATIONAL ATMOSPHERIC DEPOSITION PROGRAM/NATIONAL ACID PRECIPITATION ASSESSMENT PROGRAM (NADP/NAPAP). THE NADP/NAPAP MONITORS WATER QUALITY OF SENSITIVE ENVIRONMENTS FOR CHANGES DUE TO ACID PRECIPITATION. JILL BARON IS THE PROJECT CONTACT FOR THE STUDY AT THE NATURAL RESOURCES ECOLOGY LABORATORY AT COLORADO STATE UNIVERSITY IN FORT COLLINS CO 8052 (TEL. 970-491-1968). FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0663

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/16/82-07/25/83	3	6.7	5.133	6.7	2.	7.363	2.714	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/08/82-09/30/93	3	10.	11.	13.	10.	3.	1.732	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	07/25/83-09/30/93	2	11.	11.	11.	11.	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	07/25/83-09/30/93	4	6.6	6.625	6.8	6.5	0.022	0.15	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	07/25/83-09/30/93	4	6.589	6.606	6.8	6.5	0.023	0.152	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/25/83-09/30/93	4	0.258	0.248	0.316	0.158	0.007	0.081	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	07/08/82-09/30/93	5	6.43	6.414	7.1	5.85	0.263	0.512	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	07/08/82-09/30/93	5	6.43	6.21	7.1	5.85	0.315	0.561	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	07/08/82-09/30/93	5	0.372	0.617	1.413	0.079	0.33	0.575	**	**	**	**
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	07/15/81-09/30/93	14	0.08	0.08	0.1	0.05	0.	0.014	0.055	0.07	0.09	0.095
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	07/08/82-09/16/82	3	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	07/15/81-07/25/83	13	0.003	0.003	0.007	0.	0.	0.002	0.	0.001	0.004	0.007
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	08/28/92-09/30/93	2	2.7	2.7	3.	2.4	0.18	0.424	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/15/81-09/30/93	16	1.6	1.563	2.	0.9	0.093	0.305	1.04	1.35	1.8	1.86
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/15/81-09/30/93	16	0.2	0.2	0.2	0.2	0.	0.	0.2	0.2	0.2	0.2
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/15/81-09/30/93	16	0.63	0.628	0.74	0.5	0.005	0.073	0.5	0.58	0.683	0.733
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/15/81-09/30/93	16	0.02	0.044	0.11	0.01	0.002	0.039	0.01	0.01	0.093	0.103
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/15/81-09/30/93	16	0.25	0.267	1.	0.005	0.061	0.248	0.016	0.1	0.3	0.65
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/15/81-09/30/93	16	0.8	0.925	1.5	0.6	0.083	0.289	0.6	0.7	1.2	1.36

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: ROMO0663

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00950	FLUORIDE, DISSOLVED (MG/L AS F)	07/25/83-09/30/93	3	0.22	0.217	0.24	0.19	0.001	0.025	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/15/81-09/30/93	12	6.7	6.617	9.5	2.2	5.198	2.28	2.68	4.65	8.725	9.38
01046	IRON, DISSOLVED (UG/L AS FE)	07/25/83-07/25/83	1	37.	37.	37.	37.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	07/25/83-07/25/83	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	07/25/83-08/28/92	2	69.5	69.5	79.	60.	180.5	13.435	**	**	**	**
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	07/15/81-09/30/93	11	0.007	0.02	0.09	0.001	0.001	0.032	0.001	0.003	0.01	0.088
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/15/81-09/30/93	16	0.05	0.146	0.5	0.01	0.029	0.169	0.017	0.05	0.325	0.43

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0663

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00403	PH, LAB	Fresh Chronic	9.	4	0	0.00	4	0	0.00									
		Other-Lo Lim.	6.5	4	2	0.50	4	2	0.50									
00406	PH, FIELD	Fresh Chronic	9.	5	0	0.00	5	0	0.00									
		Other-Lo Lim.	6.5	5	3	0.60	5	3	0.60									
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	3	0	0.00	3	0	0.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	16	0	0.00	16	0	0.00									
		Drinking Water	250.	16	0	0.00	16	0	0.00									
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	16	0	0.00	16	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	3	0	0.00	3	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	16	0	0.00	16	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 6/10 to 10/31 - Station ROMO0663

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00413	ALKALINITY,TOTAL,LOW LEVEL GRAN ANAL MG/L(CAC03)	07/15/81-09/30/93	14	0.08	0.08	0.1	0.05	0.	0.014	0.055	0.07	0.09	0.095
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/15/81-09/30/93	16	1.6	1.563	2.	0.9	0.093	0.305	1.04	1.35	1.8	1.86
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	07/15/81-09/30/93	16	0.2	0.2	0.2	0.2	0.	0.	0.2	0.2	0.2	0.2
00930	SODIUM, DISSOLVED (MG/L AS NA)	07/15/81-09/30/93	16	0.63	0.628	0.74	0.5	0.005	0.073	0.5	0.58	0.683	0.733
00935	POTASSIUM, DISSOLVED (MG/L AS K)	07/15/81-09/30/93	16	0.02	0.044	0.11	0.01	0.002	0.039	0.01	0.01	0.093	0.103
00941	CHLORIDE, DISSOLVED IN WATER MG/L	07/15/81-09/30/93	16	0.25	0.267	1.	0.005	0.061	0.248	0.016	0.1	0.3	0.65
00946	SULFATE, DISSOLVED (MG/L AS SO4)	07/15/81-09/30/93	16	0.8	0.925	1.5	0.6	0.083	0.289	0.6	0.7	1.2	1.36
00955	SILICA, DISSOLVED (MG/L AS SI02)	07/15/81-09/30/93	12	6.7	6.617	9.5	2.2	5.198	2.28	2.68	4.65	8.725	9.38
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	07/15/81-09/30/93	16	0.05	0.146	0.5	0.01	0.029	0.169	0.017	0.05	0.325	0.43

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: ROMO0664

NPS Station ID: ROMO0664 | LAT/LON: 40.515004/-105.887198 | Agency: 11NPSWRD | Date Created: 06/18/99
Location: 105959/C04414 | FIPS State/County: 08057 COLORADO/JACKSON
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): ROMO_NURE_091 /1074085 /1118563
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 10180001 | Depth of Water: 0 | Aquifer:
Major Basin: MISSOURI RIVER | Elevation: 0 | Water Body Id:
Minor Basin: NORTH PLATTE RIVER | ECO Region:
RF1 Index: 10180001 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE "CLARK PEAK COLORADO" 7.5 MINUTE SERIES QUADRANGLE. THE SITE IS AT A STREAM OUTSIDE OF ROCKY MOUNTAIN NATIONAL PARK. EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO ONE WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATA BASE: "NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SOIL; STREAM SEDIMENT; SURFACE WATER; AND GROUND WATER DATA. "UNIQID" FIELD ENTRIES WERE USED TO CREATE THE SECONDARY STATION NAMES. THE "LASLID" FIELD ENTRIES (LAB SAMPLE NUMBERS) WERE USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LAB. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND KELLI O'CONNOR; NATIONAL PARK SERVICE WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0664

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/22/76-09/22/76	1	8.6	8.6	8.6	8.6	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/22/76-09/22/76	1	55.	55.	55.	55.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/22/76-09/22/76	1	5.6	5.6	5.6	5.6	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/22/76-09/22/76	1	5.6	5.6	5.6	5.6	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/22/76-09/22/76	1	2.512	2.512	2.512	2.512	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/22/76-09/22/76	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0664

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0665

NPS Station ID: ROMO0665
LAT/LON: 40.519448/-105.769448
Agency: 113FORS2
Date Created: 03/09/79
Location: CORRAL CREEK #9
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): FS0210057540201
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 10190007
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190007039
RF1 Mile Point: 34.250
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index: 10190007005800.00
RF3 Mile Point: 0.21
Distance from RF3: 0.14
On/Off RF3:
Description:
STATION IS LOCATED APPROXIMATELY .8 MILES FROM THE NE END OF LONG DRAW RESERVOIR BY THE INTERSECTION OF TRAIL 989 AND COLO #156; T6N, R75W, SEC. 2 NE 1/4; ROOSEVELT NATIONAL FOREST, ELEV 10020, DRAINAGE AREA 5.4 SQ MILES. STATION WAS ESTABLISHED IN 1976 TO DEVELOP BASELINE VALUES FOR THE MONITORING OF IMPACTS OF UPSTREAM AND LAND MANAGEMENT ACTIVITIES. SAMPLING INVOLVED TRANSECT AND DEPTH INTREGRATED TECHNIQUES WITH ANALYSIS BY FOREST LAB IN FT COLLINS, COLO. FREQUENCY OF SAMPLING IS 1-2 TIMES/WEEK DURING SPRING, SUMMER AND FALL. WATER USED DOWNSTREAM FOR IRRIGATION, DOMESTIC AND OTHER PURPOSES. DATA MAINTAINED BY HYDROLOGIST @ SUPERVISOR'S OFFICE IN FT COLLINS, COLO. 303 482 5155.J

Parameter Inventory for Station: ROMO0665

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/20/76-09/23/76	5	5.6	5.12	9.4	0.6	11.197	3.346	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/20/76-09/23/76	5	22.	20.8	41.	3.	295.7	17.196	**	**	**	**
00065	STAGE, STREAM (FEET)	05/20/76-09/23/76	5	4.45	4.614	5.15	4.12	0.232	0.481	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/20/76-09/23/76	5	18.	20.8	28.	15.	33.7	5.805	**	**	**	**
00400	PH (STANDARD UNITS)	05/20/76-09/23/76	5	6.4	6.52	6.7	6.4	0.027	0.164	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/20/76-09/23/76	5	6.4	6.497	6.7	6.4	0.028	0.166	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/20/76-09/23/76	5	0.398	0.319	0.398	0.2	0.012	0.109	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/20/76-09/23/76	5	13.	13.8	34.	0.	203.7	14.272	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	05/20/76-09/23/76	5	1.114	0.794	1.531	0.	0.547	0.739	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			6.216								
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	05/20/76-09/23/76	5	0.8	0.946	2.13	0.03	0.924	0.961	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0665

Parameter				Total	Exceed	Prop.	6/10-10/31			11/01-4/10			4/11-6/09			n/a		
		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Fresh Chronic	9.	5	0	0.00	4	0	0.00				1	0	0.00			
		Other-Lo Lim.	6.5	5	3	0.60	4	2	0.50				1	1	1.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	5	0	0.00	4	0	0.00				1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0666

NPS Station ID: ROMO0666
LAT/LON: 40.519698/-105.689143
Agency: 11NPSWRD
Date Created: 06/18/99
Location: MUMMY PASS CREEK-MID-BASIN
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_NPS_MPCM
RMI-Indexes:
Within Park Boundary: Yes
RMI-Miles:
HUC: 10190007
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190007
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE COMANCHE PEAK CO 7.5' SERIES (TOPO.) QUADRANGLE. THE SITE IS LOCATED AT MUMMY PASS CREEK IN THE HAGUE CREEK DRAINAGE. THE SITE IS LOCATED WITHIN ROCKY MOUNTAIN NATIONAL PARK. THE DATA ARE FROM A STUDY CONDUCTED IN 1985 TO EXAMINE THE PRESENCE OF GIARDIA IN THE REMOTE BACKCOUNTRY STREAMS OF ROCKY MOUNTAIN NATIONAL PARK. THE STREAMS ARE IN AREAS OF POOR OR MARGINAL BEAVER HABITAT AND LOW HUMAN USE. DON L. MONZINGO JR. OF COLORADO STATE UNIVERSITY IN FORT COLLINS CO CONDUCTED THE STUDY. FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0666

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
61229	GIARDIA CYSTS IN SURFACE WATER CATEGORIES/100L	07/19/85-07/19/85	2	0.	0.	0.	0.	0.	0.	**	**	**	**
61732	GIARDIA, FILTRATION CYSTS/100 GAL	07/19/85-07/19/85	2	0.	0.	0.	0.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: ROMO0667

NPS Station ID: ROMO0667
LAT/LON: 40.536115/-105.877781
Agency: 113FORS2
Date Created: 03/09/79
Location: UPPER ZIMMERMAN LAKE STATION #77
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): FS021005705030O
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 10190007
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190007
RF1 Mile Point: 0.000
Distance from RF1: 10.30
On/Off RF1:
RF3 Index: 14010001029100.00
RF3 Mile Point: 1.40
Distance from RF3: 0.05
On/Off RF3:
Description:
STATION IS LOCATED APPROXIMATELY 1.2 MILE ABOVE JOE WRIGHT RESEVOIR OFF OF HGWY #14; T7N, R76W, SEC. 35 NE 1/4, ROOSEVELT NATIONAL FOREST, ELEV. 10040, DRAINAGE AREA .85 SQ MILES. STATION WAS ESTABLISHED IN 1977 TO DEVELOP BASELINE VALUES FOR THE MONITORING OF IMPACTS OF UPSTREAM LAND MANAGEMENT ACTIVITIES. SAMPLING INVOLVED TRANSECT AND DEPTH INTREGRATED TECHNIQUES WITH ANALYSIS BY FOREST LAB IN FT COLLINS, COLO. FREQUENCY OF SAMPLING IS 1-2 TIMES/WEEK DURING SPRING, SUMMER AND FALL. WATER USED DOWNSTREAM FOR IRRIGATION, DOMESTIC, AND OTHER PURPOSES. DATA MAINTAINED BY HYDROLOGIST @ SUPERVISOR'S OFFICE IN FT COLLINS, COLO. 303 482 5155.

Parameter Inventory for Station: ROMO0667

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00065	STAGE, STREAM (FEET)	06/30/77-07/25/77	1	2.55	2.55	2.55	2.55	0.	0.	**	**	**	**
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	06/30/77-07/25/77	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
80225	BEDLOAD SEDIMENT DISCHARGE (TONS/DAY)	06/30/77-07/25/77	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: ROMO0668

NPS Station ID: ROMO0668 | LAT/LON: 40.537503/-105.697782 | Agency: 12WLS1 | Date Created: 09/03/88
Location: MIRROR LAKE | FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/LAKE | STORET Station ID(s): 4E1-053
RMI-Indexes: | Within Park Boundary: Yes
RMI-Miles:
HUC: 10190007 | Depth of Water: 85 | Aquifer:
Major Basin: | Elevation: 0 | Water Body Id:
Minor Basin: | ECO Region:
RF1 Index: 10190007 | RF1 Mile Point: 0.000 | Distance from RF1: 20.70 | On/Off RF1:
RF3 Index: 10190006001309.63 | RF3 Mile Point: 9.63 | Distance from RF3: 0.05 | On/Off RF3:
Description:
THIS DATA WAS COLLECTED DURING THE WESTERN LAKE SURVEY-PHASE I (WLS-I) AS PART OF EPA'S NATIONAL SURFACE WATER SURVEY, AQUATIC EFFECTS RESEARCH PROGRAM. THE SURVEY DESIGN, METHODS, AND DATA LIMITATIONS ARE DESCRIBED IN:
LANDERS, D.H., ET AL. 1987. CHARACTERISTICS OF LAKES IN THE WESTERN UNITED STATES. VOL. I. POPULATION DESCRIPTIONS AND PHYSICO-CHEMICAL RELATIONSHIPS. EPA/600/4-86/054A. U.S. ENVIRON. PROT. AGENCY, WASHINGTON, D.C. 176 PP.
THE DATA PRESENTED HERE ARE THOSE REPORTED IN LANDERS ET AL. (1987) WITH THE FOLLOWING EXCEPTIONS: (1) UNITS FOR CHEMICAL PARAMETERS ARE TYPICALLY IN MG/L RATHER THAN MICROEQ/L; (2) NO SUBSTITUTED VALUES ARE PROVIDED FOR SUSPECT DATA; (3) TAGS AND FLAGS USED TO IDENTIFY SUSPICIOUS DATA ARE NOT SHOWN; AND (4) CALCULATED OR DERIVED VARIABLES ARE EXCLUDED.

Parameter Inventory for Station: ROMO0668

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/04/85-10/04/85	1	3.6	3.6	3.6	3.6	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/04/85-10/04/85	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	10/04/85-10/04/85	1	20.	20.	20.	20.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	10/04/85-10/04/85	1	12.	12.	12.	12.	0.	0.	**	**	**	**
00154	SULFATE (AS S) WHOLE WATER, MG/L	10/04/85-10/04/85	1	1.148	1.148	1.148	1.148	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	10/04/85-10/04/85	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	10/04/85-10/04/85	1	6.8	6.8	6.8	6.8	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/04/85-10/04/85	1	0.158	0.158	0.158	0.158	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	10/04/85-10/04/85	1	87.3	87.3	87.3	87.3	0.	0.	**	**	**	**
00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	10/04/85-10/04/85	1	9.2	9.2	9.2	9.2	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	10/04/85-10/04/85	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	10/04/85-10/04/85	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
00910	CALCIUM (MG/L AS CACO3)	10/04/85-10/04/85	1	1.3	1.3	1.3	1.3	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	10/04/85-10/04/85	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/04/85-10/04/85	1	0.65	0.65	0.65	0.65	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/04/85-10/04/85	1	0.31	0.31	0.31	0.31	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	10/04/85-10/04/85	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/04/85-10/04/85	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	10/04/85-10/04/85	1	2.4	2.4	2.4	2.4	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/04/85-10/04/85	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	10/04/85-10/04/85	1	9.	9.	9.	9.	0.	0.	**	**	**	**
70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	10/04/85-10/04/85	1	0.073	0.073	0.073	0.073	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: ROMO0668

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	10/04/85-10/04/85	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
71885	IRON (UG/L AS FE)	10/04/85-10/04/85	1	1.	1.	1.	1.	0.	0.	**	**	**	**
72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	10/04/85-10/04/85	1	11026.8	11026.8	11026.8	11026.8	0.	0.	**	**	**	**
82047	DEPTH TO THE TOP OF THE SAMPLING INTERVAL (METERS)	10/04/85-10/04/85	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	10/04/85-10/04/85	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0668

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00154	SULFATE (AS S) WHOLE WATER	Drinking Water	250.	1	0	0.00	1	0	0.00									
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0669

NPS Station ID: ROMO0669 | LAT/LON: 40.538309/-105.881699 | Agency: 11NPSWRD | Date Created: 06/18/99
Location: 105960/C04415 | FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): ROMO_NURE_053 /1074086 /1118564
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 10190007 | Depth of Water: 0 | Aquifer:
Major Basin: MISSOURI RIVER | Elevation: 0 | Water Body Id:
Minor Basin: SOUTH PLATTE RIVER | ECO Region:
RF1 Index: 10190007 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE "CLARK PEAK COLORADO" 7.5 MINUTE SERIES QUADRANGLE. THE SITE IS AT A STREAM OUTSIDE OF ROCKY MOUNTAIN NATIONAL PARK. EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO ONE WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATA BASE: "NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SOIL; STREAM SEDIMENT; SURFACE WATER; AND GROUND WATER DATA. "UNIQID" FIELD ENTRIES WERE USED TO CREATE THE SECONDARY STATION NAMES. THE "LASLID" FIELD ENTRIES (LAB SAMPLE NUMBERS) WERE USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LAB. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND KELLI O'CONNOR; NATIONAL PARK SERVICE WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0669

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/22/76-09/22/76	1	6.5	6.5	6.5	6.5	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/22/76-09/22/76	1	75.	75.	75.	75.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/22/76-09/22/76	1	5.5	5.5	5.5	5.5	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/22/76-09/22/76	1	5.5	5.5	5.5	5.5	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/22/76-09/22/76	1	3.162	3.162	3.162	3.162	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/22/76-09/22/76	1	0.96	0.96	0.96	0.96	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0669

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0670

NPS Station ID: ROMO0670 LAT/LON: 40.538616/-105.875281 Agency: 112WRD Date Created: 06/29/78
Location: JOE WRIGHT CREEK NEAR CAMERON PASS, CO. FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 06746100
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 10190007 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 10190007 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: 10190007042200.00 RF3 Mile Point: 0.00 Distance from RF3: 0.04 On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0670

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/31/73-10/17/78	21	4.5	6.071	15.	0.	30.057	5.482	0.	1.	11.5	15.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/09/77-10/17/78	3	50.	46.667	65.	25.	408.333	20.207	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: ROMO0671

NPS Station ID: ROMO0671
LAT/LON: 40.542781/-105.661393
Agency: 12WLS1
Date Created: 09/03/88
Location: EMMALINE LAKE
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): 4E1-009
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 10190007
Depth of Water: 19
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 10190007
RF1 Mile Point: 0.000
Distance from RF1: 9.10
On/Off RF1:
RF3 Index: 10190006045400.79
RF3 Mile Point: 0.96
Distance from RF3: 0.03
On/Off RF3:
Description:
THIS DATA WAS COLLECTED DURING THE WESTERN LAKE SURVEY-PHASE I (WLS-I) AS PART OF EPA'S NATIONAL SURFACE WATER SURVEY, AQUATIC EFFECTS RESEARCH PROGRAM. THE SURVEY DESIGN, METHODS, AND DATA LIMITATIONS ARE DESCRIBED IN:
LANDERS, D.H., ET AL. 1987. CHARACTERISTICS OF LAKES IN THE WESTERN UNITED STATES. VOL. I. POPULATION DESCRIPTIONS AND PHYSICO-CHEMICAL RELATIONSHIPS. EPA/600/4-86/054A. U.S. ENVIRON. PROT. AGENCY, WASHINGTON, D.C. 176 PP.
THE DATA PRESENTED HERE ARE THOSE REPORTED IN LANDERS ET AL. (1987) WITH THE FOLLOWING EXCEPTIONS: (1) UNITS FOR CHEMICAL PARAMETERS ARE TYPICALLY IN MG/L RATHER THAN MICROEQ/L; (2) NO SUBSTITUTED VALUES ARE PROVIDED FOR SUSPECT DATA; (3) TAGS AND FLAGS USED TO IDENTIFY SUSPICIOUS DATA ARE NOT SHOWN; AND (4) CALCULATED OR DERIVED VARIABLES ARE EXCLUDED.

Parameter Inventory for Station: ROMO0671

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/11/85-09/11/85	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	09/11/85-09/11/85	1	2.05	2.05	2.05	2.05	0.	0.	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	09/11/85-09/11/85	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/11/85-09/11/85	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00154	SULFATE (AS S) WHOLE WATER, MG/L	09/11/85-09/11/85	1	1.164	1.164	1.164	1.164	0.	0.	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	09/11/85-09/11/85	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	09/11/85-09/11/85	1	7.1	7.1	7.1	7.1	0.	0.	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/11/85-09/11/85	1	0.079	0.079	0.079	0.079	0.	0.	**	**	**	**
00409	ALKALINITY,TOTAL,LOW LEVEL GRAN ANALYSIS UEQ/L	09/11/85-09/11/85	1	118.9	118.9	118.9	118.9	0.	0.	**	**	**	**
00662	PHOSPHORUS (P), WATER, TOTAL RECOVERABLE UG/L	09/11/85-09/11/85	1	22.	22.	22.	22.	0.	0.	**	**	**	**
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	09/11/85-09/11/85	1	1.2	1.2	1.2	1.2	0.	0.	**	**	**	**
00691	CARBON, DISSOLVED INORGANIC (MG/L AS C)	09/11/85-09/11/85	1	1.1	1.1	1.1	1.1	0.	0.	**	**	**	**
00910	CALCIUM (MG/L AS CACO3)	09/11/85-09/11/85	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/11/85-09/11/85	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
00930	SODIUM, DISSOLVED (MG/L AS NA)	09/11/85-09/11/85	1	0.93	0.93	0.93	0.93	0.	0.	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	09/11/85-09/11/85	1	0.24	0.24	0.24	0.24	0.	0.	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	09/11/85-09/11/85	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/11/85-09/11/85	1	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/11/85-09/11/85	1	4.3	4.3	4.3	4.3	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	09/11/85-09/11/85	1	9.	9.	9.	9.	0.	0.	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	09/11/85-09/11/85	1	14.	14.	14.	14.	0.	0.	**	**	**	**
70151	SURFACE AREA OF LAKE OR RESERVOIR SQ KM	09/11/85-09/11/85	1	0.011	0.011	0.011	0.011	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: ROMO0671

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	09/11/85-09/11/85	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
71885	IRON (UG/L AS FE)	09/11/85-09/11/85	1	5.	5.	5.	5.	0.	0.	**	**	**	**
72020	ELEVATION IN FEET ABOVE MEAN SEA LEVEL	09/11/85-09/11/85	1	11026.8	11026.8	11026.8	11026.8	0.	0.	**	**	**	**
82047	DEPTH TO THE TOP OF THE SAMPLING INTERVAL (METERS)	09/11/85-09/11/85	1	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
82079	TURBIDITY,LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	09/11/85-09/11/85	1	1.	1.	1.	1.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0671

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00154	SULFATE (AS S) WHOLE WATER	Drinking Water	250.	1	0	0.00	1	0	0.00									
00403	PH, LAB	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	0	0.00	1	0	0.00									
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1	1	1.00	1	1	1.00									
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	1	0	0.00	1	0	0.00									
		Drinking Water	250.	1	0	0.00	1	0	0.00									
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00	1	0	0.00									
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	1	0	0.00	1	0	0.00									
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0672

NPS Station ID: ROMO0672
LAT/LON: 40.551670/-105.626393
Agency: 112WRD
Date Created: 12/02/81
Location: FALL CREEK NEAR RUSTIC, CO.
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 06748200
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 10190007
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 10190007
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index: 10190006001303.48
RF3 Mile Point: 4.26
Distance from RF3: 0.02
On/Off RF3:
Description:

Parameter Inventory for Station: ROMO0672

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/14/68-06/06/73	25	5.	4.8	12.	0.	17.313	4.161	0.	0.5	8.75	11.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: ROMO0673

NPS Station ID: ROMO0673
LAT/LON: 40.554338/-105.621726
Agency: 11NPSWRD
Date Created: 04/10/99
Location: FALL CREEK-GAGING STATION
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_KUNKLE_14
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 10190007
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 9790
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190007
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE PINGREE PARK; CO 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT FALL CREEK AT THE GAGING STATION APPROXIMATELY 1 MILE UPSTREAM FROM ITS CONFLUENCE WITH THE SOUTH FORK OF THE CACHE LA POUDRE RIVER. THE SITE IS LOCATED OUTSIDE ROCKY MOUNTAIN NATIONAL PARK BOUNDARIES. THE SAMPLING SITE WAS USED TO COLLECT DATA FOR THE 1967 REPORT "WATER QUALITY OF MOUNTAIN WATERSHEDS" BY SAMUEL KUNKLE. THE REPORT WAS PAPER NO. 21 IN A SERIES OF RESEARCH PROJECTS TITLED "HYDROLOGY PAPERS" AT COLORADO STATE UNIVERSITY; FORT COLLINS COLORADO. FOR MORE INFORMATION CONTACT RESOURCE MANAGEMENT AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517-8379. TEL. 970-586-1206. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADAM HENSON; NATIONAL PARK SERVICE-WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525. TEL. 970-225-3516. FAX 970-225-9965

Parameter Inventory for Station: ROMO0673

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/21/64-07/21/64	1	38.	38.	38.	38.	0.	0.	**	**	**	**
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	07/21/64-03/20/65	4	0.6	0.575	0.6	0.5	0.002	0.05	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	03/18/65-03/20/65	3	7.1	7.2	7.4	7.1	0.03	0.173	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	03/18/65-03/20/65	3	7.1	7.179	7.4	7.1	0.031	0.175	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/18/65-03/20/65	3	0.079	0.066	0.079	0.04	0.001	0.023	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	03/19/65-03/19/65	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	03/19/65-03/19/65	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	03/18/65-03/20/65	3	4.	5.333	9.	3.	10.333	3.215	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/19/65-03/19/65	1	0.8	0.8	0.8	0.8	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	03/19/65-03/19/65	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	03/19/65-03/19/65	1	6.1	6.1	6.1	6.1	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	03/19/65-03/19/65	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	03/19/65-03/19/65	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	03/19/65-03/19/65	1	4.	4.	4.	4.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	03/19/65-03/19/65	1	4.	4.	4.	4.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/18/65-03/20/65	3	0.	3.333	10.	0.	33.333	5.774	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/18/65-03/20/65	3	0.	0.333	1.	0.	0.333	0.577	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.154								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/20/65-03/20/65	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/20/65-03/20/65	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/18/65-03/20/65	3	0.	1.333	4.	0.	5.333	2.309	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: ROMO0673

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/18/65-03/20/65	3	0.	0.201	0.602	0.	0.121	0.348	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			1.587								
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	06/09/64-10/03/64	11	130.	162.727	350.	30.	12821.818	113.233	32.	70.	270.	350.
31751	LOG PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	06/09/64-10/03/64	11	2.114	2.099	2.544	1.477	0.123	0.35	1.502	1.845	2.431	2.544
31751	GM PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	GEOMETRIC MEAN =			125.699								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/21/64-03/20/65	4	32.	51.25	120.	21.	2133.583	46.191	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0673

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00406	PH, FIELD	Fresh Chronic	9.	3	0	0.00				3	0	0.00						
		Other-Lo Lim.	6.5	3	0	0.00				3	0	0.00						
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00				1	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00				1	0	0.00						
		Drinking Water	250.	1	0	0.00				1	0	0.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00				1	0	0.00						
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	3	0	0.00				3	0	0.00						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0674

NPS Station ID: ROMO0674 LAT/LON: 40.556892/-105.788920 Agency: 11NPSWRD Date Created: 06/12/99
Location: PETERSON LAKE NEAR THE CABIN ON THE SOUTH SHORE FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/LAKE STORET Station ID(s): ROMO_JR_CAP56
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 10190007 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI RIVER Elevation: 0 Water Body Id:
Minor Basin: SOUTH PLATTE RIVER ECO Region:
RF1 Index: 10190007 RF1 Mile Point: 0.000 Distance from RF1: 12.40 On/Off RF1:
RF3 Index: 10190007002218.40 RF3 Mile Point: 18.39 Distance from RF3: 0.57 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE CHAMBERS LAKE CO 7.5' SERIES (TOPO.) QUADRANGLE. THE SITE IS LOCATED AT PETERSON LAKE ALONG THE SOUTH SHORE NEAR THE CABIN AND IS OUTSIDE OF ROCKY MOUNTAIN NATIONAL PARK. THE DATA ARE FROM ANNUAL CAPSHELL SNAIL MONITORING PROGRAM REPORTS BY JOHN RIEBESELL OF THE DEPARTMENT OF NATURAL RESOURCES AT THE UNIVERSITY OF MICHIGAN IN DEARBORN MI. THE REPORTS SUMMARIZED POPULATION DATA AND WATER QUALITY CHARACTERISTICS OF THE HABITAT OF CAPSHELL SNAILS; A CANDIDATE FOR LISTING UNDER THE FEDERAL ENDANGERED SPECIES ACT. FOR MORE INFORMATION ABOUT THE PARK; CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517 (TEL. 970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0674

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	07/10/97-07/24/97	2	73.	73.	73.	73.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	07/12/97-07/12/97	1	133.	133.	133.	133.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: ROMO0675

NPS Station ID: ROMO0675
LAT/LON: 40.558003/-105.817004
Agency: 11NPSWRD
Date Created: 06/12/99
Location: TRAP LAKE
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/LAKE
STORET Station ID(s): ROMO_USFW_TRAP
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 10190007
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 0
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190007
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE CHAMBERS LAKE CO 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT TRAP LAKE AND IS OUTSIDE THE BOUNDARIES OF ROCKY MOUNTAIN NATIONAL PARK. THE DATA ARE FROM A REPORT BY F.A. VERTUCCI AND PAUL STEPHEN CORN; "EVALUATION OF EPISODIC ACIDIFICATION AND AMPHIBIAN DECLINES IN THE ROCKY MOUNTAINS;" 1996. THIS STUDY WAS FUNDED BY THE U.S. FISH AND WILDLIFE SERVICE TO DETERMINE THE EFFECTS OF ACID PRECIPITATION ON POND-BREEDING AMPHIBIANS IN THE WESTERN UNITED STATES. RESULTS OF THIS STUDY SHOWED NO CONCLUSIVE EVIDENCE THAT EPISODIC ACIDIFICATION IS THE CAUSE OF OBSERVED DECLINES IN AMPHIBIAN POPULATIONS. FOR MORE INFORMATION ON THE PARK CONTACT THE CHIEF OF RESOURCES AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517-8397 (970-586-1206). DATA WERE PROCESSED AND UPLOADED TO STORET BY ADRIANE PETERSEN; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (970-225-3516).

Parameter Inventory for Station: ROMO0675

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00154	SULFATE (AS S) WHOLE WATER, MG/L	05/15/88-06/27/88	7	1.33	1.165	1.82	0.005	0.39	0.625	**	**	**	**
00403	PH, LAB, STANDARD UNITS SU	05/15/88-06/13/90	16	6.6	6.681	7.4	6.1	0.154	0.392	6.24	6.3	7.	7.26
00403	CONVERTED PH, LAB, STANDARD UNITS	05/15/88-06/13/90	16	6.6	6.538	7.4	6.1	0.175	0.419	6.24	6.3	7.	7.26
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/15/88-06/13/90	16	0.251	0.29	0.794	0.04	0.048	0.219	0.056	0.1	0.501	0.589
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	05/15/88-06/20/88	5	0.01	0.009	0.01	0.005	0.	0.002	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	05/15/88-06/27/88	7	0.07	0.702	4.62	0.005	2.987	1.728	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/15/88-06/20/88	5	0.03	0.028	0.04	0.02	0.	0.008	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	05/15/88-06/27/88	7	2.2	2.029	3.1	0.4	0.666	0.816	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	05/15/88-06/27/88	7	0.3	0.443	1.1	0.3	0.086	0.294	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	05/15/88-06/20/88	6	0.94	1.043	1.37	0.8	0.065	0.255	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	05/15/88-06/27/88	7	0.53	0.67	1.46	0.37	0.161	0.401	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/15/88-06/20/88	6	0.3	0.263	0.4	0.08	0.012	0.11	**	**	**	**
00951	FLUORIDE, TOTAL (MG/L AS F)	05/15/88-06/27/88	2 ##	1.633	1.633	3.26	0.005	5.298	2.302	**	**	**	**
00956	SILICA, TOTAL (MG/L AS SI02)	05/23/88-06/27/88	6	5.9	5.672	10.9	0.03	11.939	3.455	**	**	**	**
01105	ALUMINUM, TOTAL (UG/L AS AL)	05/15/88-06/27/88	7	70.	91.429	170.	20.	3114.286	55.806	**	**	**	**
61765	ANC (ACID NEUTRALIZING CAPABILITY) UEG/L	05/15/88-06/13/90	16	137.5	156.875	329.	72.	4264.65	65.304	85.3	110.25	197.	259.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0675

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00154	SULFATE (AS S) WHOLE WATER	Drinking Water	250.	7	0	0.00	3	0	0.00				4	0	0.00			
00403	PH, LAB	Fresh Chronic	9.	16	0	0.00	4	0	0.00				12	0	0.00			
		Other-Lo Lim.	6.5	16	6	0.38	4	1	0.25				12	5	0.42			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	7	0	0.00	3	0	0.00				4	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	6	0	0.00	2	0	0.00				4	0	0.00			
		Drinking Water	250.	6	0	0.00	2	0	0.00				4	0	0.00			
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	2	0	0.00	1	0	0.00				1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0676

NPS Station ID: ROMO0676 | LAT/LON: 40.567503/-105.573309 | Agency: 11NPSWRD | Date Created: 06/18/99
Location: 105692/C04190 | FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): ROMO_NURE_066 /1073912 /1118390
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 10190007 | Depth of Water: 0 | Aquifer:
Major Basin: MISSOURI RIVER | Elevation: 0 | Water Body Id:
Minor Basin: SOUTH PLATTE RIVER | ECO Region:
RF1 Index: 10190007 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE "PINGREE PARK COLORADO" 7.5 MINUTE SERIES QUADRANGLE. THE SITE IS AT A STREAM OUTSIDE OF ROCKY MOUNTAIN NATIONAL PARK. EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO ONE WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATA BASE: "NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SOIL; STREAM SEDIMENT; SURFACE WATER; AND GROUND WATER DATA. "UNIQID" FIELD ENTRIES WERE USED TO CREATE THE SECONDARY STATION NAMES. THE "LASLID" FIELD ENTRIES (LAB SAMPLE NUMBERS) WERE USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LAB. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND KELLI O'CONNOR; NATIONAL PARK SERVICE WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0676

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/20/76-09/20/76	1	9.2	9.2	9.2	9.2	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/20/76-09/20/76	1	35.	35.	35.	35.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/20/76-09/20/76	1	5.2	5.2	5.2	5.2	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/20/76-09/20/76	1	5.2	5.2	5.2	5.2	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/20/76-09/20/76	1	6.31	6.31	6.31	6.31	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/20/76-09/20/76	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0676

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0677

NPS Station ID: ROMO0677 | LAT/LON: 40.570616/-105.589199 | Agency: 11NPSWRD | Date Created: 06/18/99
Location: 105690/C04188 | FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): ROMO_NURE_067 /1073910 /1118388
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 10190007 | Depth of Water: 0 | Aquifer:
Major Basin: MISSOURI RIVER | Elevation: 0 | Water Body Id:
Minor Basin: SOUTH PLATTE RIVER | ECO Region:
RF1 Index: 10190007 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE "PINGREE PARK COLORADO" 7.5 MINUTE SERIES QUADRANGLE. THE SITE IS AT A STREAM OUTSIDE OF ROCKY MOUNTAIN NATIONAL PARK. EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO ONE WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATA BASE: "NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SOIL; STREAM SEDIMENT; SURFACE WATER; AND GROUND WATER DATA. "UNIQID" FIELD ENTRIES WERE USED TO CREATE THE SECONDARY STATION NAMES. THE "LASLID" FIELD ENTRIES (LAB SAMPLE NUMBERS) WERE USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LAB. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND KELLI O'CONNOR; NATIONAL PARK SERVICE WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0677

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/20/76-09/20/76	1	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/20/76-09/20/76	1	25.	25.	25.	25.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/20/76-09/20/76	1	5.2	5.2	5.2	5.2	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/20/76-09/20/76	1	5.2	5.2	5.2	5.2	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/20/76-09/20/76	1	6.31	6.31	6.31	6.31	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/20/76-09/20/76	1	0.99	0.99	0.99	0.99	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0677

Parameter				Total	Exceed	Prop.	6/10-10/31			11/01-4/10			4/11-6/09			n/a		
		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0678

NPS Station ID: ROMO0678 LAT/LON: 40.574366/-105.587559 Agency: 11NPSWRD Date Created: 04/10/99
Location: S FK-CACHE LA POUDRE R 2 MI US LITTLE BEAVER CK FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): ROMO_KUNKLE_11
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 10190007 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI RIVER Elevation: 8980 Water Body Id:
Minor Basin: SOUTH PLATTE RIVER ECO Region:
RF1 Index: 10190007 RF1 Mile Point: 0.000 Distance from RF1: 12.40 On/Off RF1:
RF3 Index: 10190007002218.40 RF3 Mile Point: 18.39 Distance from RF3: 0.57 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE PINGREE PARK; CO 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT THE SOUTH FORK OF THE CACHE LA POUDRE RIVER APPROXIMATELY 2 MILES UPSTREAM FROM ITS CONFLUENCE WITH LITTLE BEAVER CREEK. THE SITE IS LOCATED OUTSIDE ROCKY MOUNTAIN NATIONAL PARK BOUNDARIES. THE SAMPLING SITE WAS USED TO COLLECT DATA FOR THE 1967 REPORT "WATER QUALITY OF MOUNTAIN WATERSHEDS" BY SAMUEL KUNKLE. THE REPORT WAS PAPER NO. 21 IN A SERIES OF RESEARCH PROJECTS TITLED "HYDROLOGY PAPERS" AT COLORADO STATE UNIVERSITY; FORT COLLINS COLORADO. FOR MORE INFORMATION CONTACT RESOURCE MANAGEMENT AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517-8379. TEL. 970-586-1206. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADAM HENSON; NATIONAL PARK SERVICE-WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525. TEL. 970-225-3516. FAX 970-225-9965

Parameter Inventory for Station: ROMO0678

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/21/64-07/22/65	8	54.	50.375	54.	40.	37.696	6.14	**	**	**	**
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	07/21/64-07/22/65	12	2.05	9.275	65.	0.4	334.818	18.298	0.4	0.6	10.5	50.45
00406	PH, FIELD, STANDARD UNITS SU	04/28/64-09/26/65	51	7.2	7.214	8.3	6.4	0.152	0.39	6.7	7.	7.5	7.6
00406	CONVERTED PH, FIELD, STANDARD UNITS	04/28/64-09/26/65	51	7.2	7.044	8.3	6.4	0.182	0.426	6.7	7.	7.5	7.6
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/28/64-09/26/65	51	0.063	0.09	0.398	0.005	0.009	0.094	0.025	0.032	0.1	0.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/21/64-07/22/65	11	10.	39.818	233.	2.	4544.564	67.413	2.	4.	52.	197.2
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/18/65-03/20/65	3	0.	1.333	4.	0.	5.333	2.309	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/18/65-03/20/65	3	0.	0.201	0.602	0.	0.121	0.348	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1.587								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/20/65-03/20/65	1	4.	4.	4.	4.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/20/65-03/20/65	1	0.602	0.602	0.602	0.602	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			4.								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/18/65-03/20/65	3	2.	1.333	2.	0.	1.333	1.155	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/18/65-03/20/65	3	0.301	0.201	0.301	0.	0.03	0.174	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			1.587								
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	04/28/64-10/03/64	20	325.	1100.5	13000.	20.	8579605.	2929.096	21.	92.5	465.	3688.
31751	LOG PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	04/28/64-10/03/64	20	2.511	2.408	4.114	1.301	0.478	0.691	1.319	1.935	2.667	3.536
31751	GM PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	GEOMETRIC MEAN =			255.86								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/21/64-07/22/65	12	27.	24.333	68.	0.	590.97	24.31	0.	0.25	47.75	63.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0678

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00406	PH, FIELD	Fresh Chronic	9.	51	0	0.00	30	0	0.00	3	0	0.00	18	0	0.00			
		Other-Lo Lim.	6.5	51	3	0.06	30	1	0.03	3	1	0.33	18	1	0.06			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	3	0	0.00				3	0	0.00						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0679

NPS Station ID: ROMO0679 LAT/LON: 40.575004/-105.583338 Agency: 113FORS2 Date Created: 03/09/79
Location: LITTLE SOUTH FORK @ BENNETT CK CAMPGROUND #2 FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): FS0210059040201
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 10190007 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI RIVER Elevation: 0 Water Body Id:
Minor Basin: SOUTH PLATTE RIVER ECO Region:
RF1 Index: 10190007043 RF1 Mile Point: 5.890 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: 10190007149300.00 RF3 Mile Point: 1.07 Distance from RF3: 0.12 On/Off RF3:
Description:
STATION IS LOCATED APPROXIMATELY ONE MILE NW OF TWIN LK RESERVOIR @ TOM BENNETT CAMPGROUND OFF HGWY #145; T7N, R73W, SEC. 16 NW 1/4, ROOSEVELT NATIONAL FOREST, ELEV. 8900, DRAINAGE AREA 15.1 SQ MILES. STATION WAS ESTABLISHED IN 1976 TO DEVELOP BASELINE VALUES FOR THE MONITORING OF IMPACTS OF UPSTREAM AND LAND MANAGEMENT ACTIVITIES. SAMPLING INVOLVED TRANSECT AND DEPTH INTREGRATED TECHNIQUES WITH ANALYSIS BY FOREST LAB IN FT COLLINS, COLO. FREQUENCY OF SAMPLING IS 1-2 TIMES/WEEK DURING SPRING, SUMMER AND FALL. WATER USED DOWNSTREAM FOR IRRIGATION, DOMESTIC AND OTHER PURPOSES. DATA MAINTAINED BY HYDROLOGIST @ SUPERVISOR'S OFFICE IN FT COLLINS, COLO. 303 482 5155.

Parameter Inventory for Station: ROMO0679

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/05/76-09/03/76	9	7.8	7.789	11.1	3.9	6.491	2.548	3.9	5.55	9.75	11.1
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/05/76-09/03/76	9	58.	48.444	80.	9.	669.278	25.87	9.	19.	68.	80.
00065	STAGE, STREAM (FEET)	05/05/76-09/03/76	10	1.58	1.429	1.9	0.68	0.173	0.415	0.702	0.983	1.753	1.886
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/05/76-09/03/76	9	18.	18.667	28.	6.	35.5	5.958	6.	17.	22.	28.
00400	PH (STANDARD UNITS)	05/05/76-09/03/76	9	6.4	6.489	6.9	6.4	0.029	0.169	6.4	6.4	6.55	6.9
00400	CONVERTED PH (STANDARD UNITS)	05/05/76-09/03/76	9	6.4	6.465	6.9	6.4	0.029	0.171	6.4	6.4	6.55	6.9
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/05/76-09/03/76	9	0.398	0.342	0.398	0.126	0.009	0.097	0.126	0.284	0.398	0.398
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/01/76-09/03/76	7	1.	6.429	40.	0.	219.619	14.82	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	06/01/76-09/03/76	7	0.	0.272	1.602	0.	0.357	0.597	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.87								
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	05/05/76-09/03/76	8	1.03	2.201	6.17	0.08	6.283	2.507	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0679

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	9	0	0.00	7	0	0.00				2	0	0.00			
		Other-Lo Lim.	6.5	9	7	0.78	7	6	0.86				2	1	0.50			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	7	0	0.00	6	0	0.00				1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0680

NPS Station ID: ROMO0680 | LAT/LON: 40.575615/-105.582809 | Agency: 11NPSWRD | Date Created: 06/18/99
Location: 105691/C04189 | FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM | STORET Station ID(s): ROMO_NURE_068 /1073911 /1118389
RMI-Indexes: | Within Park Boundary: No
RMI-Miles:
HUC: 10190007 | Depth of Water: 0 | Aquifer:
Major Basin: MISSOURI RIVER | Elevation: 0 | Water Body Id:
Minor Basin: SOUTH PLATTE RIVER | ECO Region:
RF1 Index: 10190007 | RF1 Mile Point: 0.000 | Distance from RF1: 12.40 | On/Off RF1:
RF3 Index: 10190007002218.40 | RF3 Mile Point: 18.39 | Distance from RF3: 0.57 | On/Off RF3:
Description:
THE STATION IS LOCATED ON THE "PINGREE PARK COLORADO" 7.5 MINUTE SERIES QUADRANGLE. THE SITE IS AT A STREAM OUTSIDE OF ROCKY MOUNTAIN NATIONAL PARK. EACH SAMPLE WAS FILTERED THROUGH A 0.45 UM MEMBRANE FILTER AND ACIDIFIED TO A PH OF LESS THAN OR EQUAL TO ONE WITH REAGENT-GRADE NITRIC ACID. DATA ARE FROM THE U.S. GEOLOGICAL SURVEY NATIONAL GEOCHEMICAL DATA BASE: "NATIONAL URANIUM RESOURCE EVALUATION DATA FOR THE CONTERMINOUS UNITED STATES" 1994 CD-ROM BY J.D. HOFFMAN AND K. BUTTLEMAN (USGS DIGITAL DATA SERIES DDS-18-A). THE DATA BASE INCLUDES SOIL; STREAM SEDIMENT; SURFACE WATER; AND GROUND WATER DATA. "UNIQID" FIELD ENTRIES WERE USED TO CREATE THE SECONDARY STATION NAMES. THE "LASLID" FIELD ENTRIES (LAB SAMPLE NUMBERS) WERE USED TO CREATE THE STATION LOCATION. THE SAMPLES WERE ANALYZED BY LOS ALAMOS SCIENTIFIC LAB. DATA WERE PROCESSED AND UPLOADED TO STORET BY MARGARET MATTER AND KELLI O'CONNOR; NATIONAL PARK SERVICE WRD; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525 (TEL. 970-225-3516).

Parameter Inventory for Station: ROMO0680

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/20/76-09/20/76	1	11.2	11.2	11.2	11.2	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/20/76-09/20/76	1	24.	24.	24.	24.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/20/76-09/20/76	1	5.3	5.3	5.3	5.3	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/20/76-09/20/76	1	5.3	5.3	5.3	5.3	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/20/76-09/20/76	1	5.012	5.012	5.012	5.012	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	09/20/76-09/20/76	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0680

				Total	Exceed	Prop.	----------6/10-10/31----------			----------11/01-4/10----------			----------4/11-6/09----------			--------------n/a--------------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00400	PH	Fresh Chronic	9.	1	0	0.00	1	0	0.00									
		Other-Lo Lim.	6.5	1	1	1.00	1	1	1.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0681

NPS Station ID: ROMO0681 LAT/LON: 40.576559/-105.579782 Agency: 11NPSWRD Date Created: 04/10/99
Location: S FK-CACHE LA POUDRE R 1 MI US LITTLE BEAVER CK FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): ROMO_KUNKLE_10
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 10190007 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI RIVER Elevation: 8900 Water Body Id:
Minor Basin: SOUTH PLATTE RIVER ECO Region:
RF1 Index: 10190007 RF1 Mile Point: 0.000 Distance from RF1: 12.40 On/Off RF1:
RF3 Index: 10190007002218.40 RF3 Mile Point: 18.39 Distance from RF3: 0.57 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE PINGREE PARK; CO 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT THE SOUTH FORK OF THE CACHE LA POUDRE RIVER APPROXIMATELY 1 MILE UPSTREAM FROM ITS CONFLUENCE WITH LITTLE BEAVER CREEK. THE SITE IS LOCATED OUTSIDE ROCKY MOUNTAIN NATIONAL PARK BOUNDARIES. THE SAMPLING SITE WAS USED TO COLLECT DATA FOR THE 1967 REPORT "WATER QUALITY OF MOUNTAIN WATERSHEDS" BY SAMUEL KUNKLE. THE REPORT WAS PAPER NO. 21 IN A SERIES OF RESEARCH PROJECTS TITLED "HYDROLOGY PAPERS" AT COLORADO STATE UNIVERSITY; FORT COLLINS COLORADO. FOR MORE INFORMATION CONTACT RESOURCE MANAGEMENT AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517-8379. TEL. 970-586-1206. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADAM HENSON; NATIONAL PARK SERVICE-WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525. TEL. 970-225-3516. FAX 970-225-9965

Parameter Inventory for Station: ROMO0681

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/21/64-07/22/65	2	46.5	46.5	52.	41.	60.5	7.778	**	**	**	**
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	07/21/64-07/22/65	7	0.8	69.771	475.	0.6	31940.659	178.719	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	04/28/64-09/26/65	51	7.3	7.339	8.	6.8	0.069	0.262	7.	7.1	7.5	7.68
00406	CONVERTED PH, FIELD, STANDARD UNITS	04/28/64-09/26/65	51	7.3	7.266	8.	6.8	0.074	0.273	7.	7.1	7.5	7.68
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	04/28/64-09/26/65	51	0.05	0.054	0.158	0.01	0.001	0.032	0.021	0.032	0.079	0.1
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/21/64-07/22/65	7	8.	123.143	724.	2.	71232.143	266.894	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/18/65-03/20/65	3	10.	6.667	10.	0.	33.333	5.774	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/18/65-03/20/65	3	1.	0.667	1.	0.	0.333	0.577	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			4.642								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/20/65-03/20/65	1	6.	6.	6.	6.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/20/65-03/20/65	1	0.778	0.778	0.778	0.778	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			6.								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/18/65-03/20/65	3	0.	0.	0.	0.	0.	0.	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/18/65-03/20/65	3	0.	0.	0.	0.	0.	0.	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			1.								
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	04/28/64-10/03/64	18	145.	761.667	10000.	20.	5350332.353	2313.079	29.	95.	425.	1585.
31751	LOG PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	04/28/64-10/03/64	18	2.159	2.271	4.	1.301	0.353	0.594	1.46	1.976	2.626	2.932
31751	GM PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	GEOMETRIC MEAN =			186.703								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/21/64-07/22/65	7	25.	28.429	61.	2.	443.619	21.062	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0681

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00406	PH, FIELD	Fresh Chronic	9.	51	0	0.00	30	0	0.00	3	0	0.00	18	0	0.00			
		Other-Lo Lim.	6.5	51	0	0.00	30	0	0.00	3	0	0.00	18	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	3	0	0.00				3	0	0.00						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0682

NPS Station ID: ROMO0682 LAT/LON: 40.581642/-105.638421 Agency: 11NPSWRD Date Created: 04/10/99
Location: HOURGLASS CREEK ABOVE HOURGLASS RESERVOIR FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): ROMO_KUNKLE_17
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 10190007 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI RIVER Elevation: 9400 Water Body Id:
Minor Basin: SOUTH PLATTE RIVER ECO Region:
RF1 Index: 10190007 RF1 Mile Point: 0.000 Distance from RF1: 12.40 On/Off RF1:
RF3 Index: 10190007002218.40 RF3 Mile Point: 18.39 Distance from RF3: 0.57 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE COMANCHE PEAK; CO 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT HOURGLASS CREEK JUST UPSTREAM FROM HOURGLASS RESERVOIR. THE SITE IS LOCATED OUTSIDE ROCKY MOUNTAIN NATIONAL PARK BOUNDARIES. THE SAMPLING SITE WAS USED TO COLLECT DATA FOR THE 1967 REPORT "WATER QUALITY OF MOUNTAIN WATERSHEDS" BY SAMUEL KUNKLE. THE REPORT WAS PAPER NO. 21 IN A SERIES OF RESEARCH PROJECTS TITLED "HYDROLOGY PAPERS" AT COLORADO STATE UNIVERSITY; FORT COLLINS COLORADO. FOR MORE INFORMATION CONTACT RESOURCE MANAGEMENT AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517-8379. TEL. 970-586-1206. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADAM HENSON; NATIONAL PARK SERVICE-WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525. TEL. 970-225-3516. FAX 970-225-9965

Parameter Inventory for Station: ROMO0682

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	06/16/65-06/16/65	2	3.1	3.1	3.3	2.9	0.08	0.283	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	06/16/65-06/16/65	2	80.5	80.5	102.	59.	924.5	30.406	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/16/65-06/16/65	2	40.	40.	68.	12.	1568.	39.598	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: ROMO0683

NPS Station ID: ROMO0683 LAT/LON: 40.583338/-105.641670 Agency: 113FORS2 Date Created: 09/20/80
Location: BEAVER CREEK BELOW COMANCHE RES. B-2 FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): FS0210059040402
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 10190007 Depth of Water: 0 Aquifer:
Major Basin: MISSOURI RIVER Elevation: 0 Water Body Id:
Minor Basin: SOUTH PLATTE RIVER ECO Region:
RF1 Index: 10190007043 RF1 Mile Point: 9.460 Distance from RF1: 26.60 On/Off RF1: ON
RF3 Index: 10190006049100.00 RF3 Mile Point: 0.12 Distance from RF3: 0.00 On/Off RF3:
Description:
STATION IS LOCATED APPROX. 3 MILES FROM PINGREE PARK ROAD (FR 131-145) ON COMANCHE RESERVOIR ROAD (FR 145) APPROX. 300 FEET FROM ROAD. SECTION LOCATED BY REBAR,AND STAFF AT A TREE CROSSING THE CREEK ABOUT 20' UPSTREAM FROM THE TRANSECT; SE 1/4 SEC. 12, T7N, R74W, ELEV. 9340, DRAINAGE AREA 12.3 SQ MILES. STATION WAS ESTABLISHED IN 1979 TO DEVELOP BASELINE VALUES FOR THE MONITORING OF IMPACTS OF UPSTREAM LAND MANAGEMENT ACTIVITIES. SAMPLING INVOLVED TRANSECT AND DEPTH INTREGRATED TECHNIQUES WITH ANALYSIS BY LAB IN FT COLLINS, COLO. FREQUENCY OF SAMPLING IS ROUGHLY ONCE A WEEK DURING SPRING, SUMMER AND FALL. WATER USED DOWNSTREAM FOR IRRIGATION, DOMESTIC AND OTHER PURPOSES. DATA MAINTAINED BY HYDROLOGIST, SUPERVISOR'S OFFICE INJ FT COLLINS, COLO. 303 482 5155. (ROOSEVELT NATIONAL FOREST)K

Parameter Inventory for Station: ROMO0683

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00004	STREAM WIDTH (FEET)	06/11/79-07/31/79	6	14.	14.167	15.	13.	0.567	0.753	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/11/79-07/31/79	6	8.5	8.333	10.	7.	1.367	1.169	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	06/11/79-07/31/79	6	26.	47.5	172.	10.	3775.5	61.445	**	**	**	**
00065	STAGE, STREAM (FEET)	06/11/79-07/31/79	6	0.99	1.038	1.73	0.59	0.167	0.409	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/11/79-07/31/79	6	14.	14.667	19.	12.	8.267	2.875	**	**	**	**
00400	PH (STANDARD UNITS)	06/11/79-07/31/79	6	8.25	8.067	8.6	7.1	0.295	0.543	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/11/79-07/31/79	6	8.247	7.725	8.6	7.1	0.435	0.66	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/11/79-07/31/79	6	0.006	0.019	0.079	0.003	0.001	0.03	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/20/79-07/31/79	2	47.	47.	94.	0.	4418.	66.468	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	07/20/79-07/31/79	2	0.987	0.987	1.973	0.	1.947	1.395	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			9.695								
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	06/11/79-07/31/79	6	0.8	4.123	16.41	0.31	40.77	6.385	**	**	**	**
80225	BEDLOAD SEDIMENT DISCHARGE (TONS/DAY)	06/11/79-07/31/79	6	0.01	0.087	0.48	0.006	0.037	0.192	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0683

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	6	0	0.00	6	0	0.00									
		Other-Lo Lim.	6.5	6	0	0.00	6	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: ROMO0683

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	2	0	0.00	2	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: ROMO0684

NPS Station ID: ROMO0684
LAT/LON: 40.583504/-105.585031
Agency: 11NPSWRD
Date Created: 04/10/99
Location: BEAVER CREEK
FIPS State/County: 08069 COLORADO/LARIMER
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): ROMO_KUNKLE_15
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 10190007
Depth of Water: 0
Aquifer:
Major Basin: MISSOURI RIVER
Elevation: 9020
Water Body Id:
Minor Basin: SOUTH PLATTE RIVER
ECO Region:
RF1 Index: 10190007
RF1 Mile Point: 0.000
Distance from RF1: 12.40
On/Off RF1:
RF3 Index: 10190007002218.40
RF3 Mile Point: 18.39
Distance from RF3: 0.57
On/Off RF3:
Description:
THE STATION IS LOCATED ON THE PINGREE PARK; CO 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE. THE SITE IS LOCATED AT BEAVER CREEK APPROXIMATELY 2 MILES UPSTREAM FROM ITS CONFLUENCE WITH THE SOUTH FORK OF THE CACHE LA POUDRE RIVER. THE SITE IS LOCATED OUTSIDE ROCKY MOUNTAIN NATIONAL PARK BOUNDARIES. THE SAMPLING SITE WAS USED TO COLLECT DATA FOR THE 1967 REPORT "WATER QUALITY OF MOUNTAIN WATERSHEDS" BY SAMUEL KUNKLE. THE REPORT WAS PAPER NO. 21 IN A SERIES OF RESEARCH PROJECTS TITLED "HYDROLOGY PAPERS" AT COLORADO STATE UNIVERSITY; FORT COLLINS COLORADO. FOR MORE INFORMATION CONTACT RESOURCE MANAGEMENT AT ROCKY MOUNTAIN NATIONAL PARK; ESTES PARK CO 80517-8379. TEL. 970-586-1206. DATA WERE PROCESSED AND UPLOADED TO STORET BY ADAM HENSON; NATIONAL PARK SERVICE-WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525. TEL. 970-225-3516. FAX 970-225-9965

Parameter Inventory for Station: ROMO0684

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	07/21/64-07/21/64	1	38.	38.	38.	38.	0.	0.	**	**	**	**
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	07/21/64-06/16/65	6	0.75	1.183	2.9	0.5	0.862	0.928	**	**	**	**
00406	PH, FIELD, STANDARD UNITS SU	03/18/65-03/20/65	3	7.1	7.1	7.2	7.	0.01	0.1	**	**	**	**
00406	CONVERTED PH, FIELD, STANDARD UNITS	03/18/65-03/20/65	3	7.1	7.092	7.2	7.	0.01	0.1	**	**	**	**
00406	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	03/18/65-03/20/65	3	0.079	0.081	0.1	0.063	0.	0.018	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	03/19/65-03/19/65	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	03/19/65-03/19/65	1	5.	5.	5.	5.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	07/21/64-06/16/65	6	11.5	21.5	68.	2.	656.7	25.626	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	03/19/65-03/19/65	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00916	CALCIUM, TOTAL (MG/L AS CA)	03/19/65-03/19/65	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00927	MAGNESIUM, TOTAL (MG/L AS MG)	03/19/65-03/19/65	1	9.7	9.7	9.7	9.7	0.	0.	**	**	**	**
00929	SODIUM, TOTAL (MG/L AS NA)	03/19/65-03/19/65	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00937	POTASSIUM, TOTAL MG/L AS K)	03/19/65-03/19/65	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	03/19/65-03/19/65	1	2.	2.	2.	2.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	03/19/65-03/19/65	1	10.	10.	10.	10.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/18/65-03/20/65	3	0.	4.	12.	0.	48.	6.928	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/18/65-03/20/65	3	0.	0.36	1.079	0.	0.388	0.623	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			2.289								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/20/65-03/20/65	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	03/20/65-03/20/65	1	0.	0.	0.	0.	0.	0.	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1.								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/18/65-03/20/65	3	0.	0.	0.	0.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: ROMO0684

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	03/18/65-03/20/65	3	0.	0.	0.	0.	0.	0.	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			1.								
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	04/28/64-10/03/64	17	500.	1229.412	10000.	10.	6465268.382	2542.689	26.	55.	765.	6000.
31751	LOG PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	04/28/64-10/03/64	17	2.699	2.473	4.	1.	0.633	0.796	1.382	1.739	2.879	3.759
31751	GM PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	GEOMETRIC MEAN =			296.869								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	07/21/64-06/16/65	6	39.5	39.333	48.	29.	51.067	7.146	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: ROMO0684

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00406	PH, FIELD	Fresh Chronic	9.	3	0	0.00				3	0	0.00						
		Other-Lo Lim.	6.5	3	0	0.00				3	0	0.00						
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00				1	0	0.00						
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1	0	0.00				1	0	0.00						
		Drinking Water	250.	1	0	0.00				1	0	0.00						
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1	0	0.00				1	0	0.00						
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	3	0	0.00				3	0	0.00						
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Entire ROMO Study Area

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	4	0	0.00	4	0	0.00									
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	34	1	0.03	9	0	0.00	17	1	0.06	8	0	0.00			
00154	SULFATE (AS S) WHOLE WATER	Drinking Water	250.	53	0	0.00	36	0	0.00				17	0	0.00			
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	Other-Lo Lim.	4.	7	0	0.00	4	0	0.00				3	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	2761 &	413	0.15	2021	394	0.19	410	10	0.02	330	9	0.03			
00400	PH	Fresh Chronic	9.	3593	38	0.01	2472	35	0.01	518	2	0.00	603	1	0.00			
		Other-Lo Lim.	6.5	3593	406	0.11	2472	260	0.11	518	83	0.16	603	63	0.10			
00403	PH, LAB	Fresh Chronic	9.	3672	8	0.00	2232	7	0.00	610	1	0.00	830	0	0.00			
		Other-Lo Lim.	6.5	3672	867	0.24	2232	472	0.21	610	186	0.30	830	209	0.25			
00406	PH, FIELD	Fresh Chronic	9.	2287	1	0.00	1439	1	0.00	380	0	0.00	468	0	0.00			
		Other-Lo Lim.	6.5	2287	1315	0.57	1439	703	0.49	380	272	0.72	468	340	0.73			
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYS	Other-Lo Lim.	200.	1285	1251	0.97	824	800	0.97	84	76	0.90	377	375	0.99			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	2549	2	0.00	1583	2	0.00	529	0	0.00	437	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	173	0	0.00	121	0	0.00	33	0	0.00	19	0	0.00			
00618	NITRATE NITROGEN, DISSOLVED AS N	Drinking Water	10.	1132	0	0.00	754	0	0.00	223	0	0.00	155	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	187	0	0.00	124	0	0.00	21	0	0.00	42	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	641	0	0.00	378	0	0.00	181	0	0.00	82	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	1697	0	0.00	1027	0	0.00	395	0	0.00	275	0	0.00			
00723	CYANIDE, DISSOLVED STD METHOD	Fresh Acute	22.	49	0	0.00	14	0	0.00	25	0	0.00	10	0	0.00			
		Drinking Water	200.	49	0	0.00	14	0	0.00	25	0	0.00	10	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	1963	0	0.00	1219	0	0.00	429	0	0.00	315	0	0.00			
		Drinking Water	250.	1963	0	0.00	1219	0	0.00	429	0	0.00	315	0	0.00			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	4050	0	0.00	2592	0	0.00	488	0	0.00	970	0	0.00			
		Drinking Water	250.	4050	0	0.00	2592	0	0.00	488	0	0.00	970	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	1998	5	0.00	1228	3	0.00	462	0	0.00	308	2	0.01			
00946	SULFATE, DISSOLVED (AS SO4)	Drinking Water	250.	3933	0	0.00	2503	0	0.00	468	0	0.00	962	0	0.00			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	2323	1	0.00	1420	1	0.00	462	0	0.00	441	0	0.00			
00951	FLUORIDE, TOTAL AS F	Drinking Water	4.	28	0	0.00	6	0	0.00	12	0	0.00	10	0	0.00			
00998	BERYLLIUM,TOTAL RECOVERABLE IN WATER AS	Fresh Acute	130.	6	0	0.00				3	0	0.00	3	0	0.00			
		Drinking Water	4.	0 &	0	0.00												
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	21	0	0.00	14	0	0.00	4	0	0.00	3	0	0.00			
		Drinking Water	50.	15 &	0	0.00	10	0	0.00	2	0	0.00	3	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	31	0	0.00	5	0	0.00	18	0	0.00	8	0	0.00			
		Drinking Water	50.	31	0	0.00	5	0	0.00	18	0	0.00	8	0	0.00			
01005	BARIUM, DISSOLVED	Drinking Water	2000.	358	0	0.00	243	0	0.00	65	0	0.00	50	0	0.00			
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	318	0	0.00	210	0	0.00	58	0	0.00	50	0	0.00			
		Drinking Water	4.	318	0	0.00	210	0	0.00	58	0	0.00	50	0	0.00			
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	513 &	2	0.00	333	2	0.01	114	0	0.00	66	0	0.00			
		Drinking Water	5.	513 &	2	0.00	333	2	0.01	114	0	0.00	66	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	360	0	0.00	245	0	0.00	65	0	0.00	50	0	0.00			
01032	CHROMIUM, HEXAVALENT	Fresh Acute	16.	15	0	0.00	3	0	0.00	9	0	0.00	3	0	0.00			
		Drinking Water	100.	15	0	0.00	3	0	0.00	9	0	0.00	3	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	520	2	0.00	337	1	0.00	117	1	0.01	66	0	0.00			
		Drinking Water	1300.	520	0	0.00	337	0	0.00	117	0	0.00	66	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	547	0	0.00	344	0	0.00	129	0	0.00	74	0	0.00			
		Drinking Water	15.	540 &	4	0.01	339	2	0.01	127	2	0.02	74	0	0.00			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	491	0	0.00	308	0	0.00	113	0	0.00	70	0	0.00			
		Drinking Water	100.	491	0	0.00	308	0	0.00	113	0	0.00	70	0	0.00			
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00				1	0	0.00						
		Drinking Water	100.	1	0	0.00				1	0	0.00						
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI	Fresh Acute	1400.	8	0	0.00	1	0	0.00	4	0	0.00	3	0	0.00			
		Drinking Water	100.	8	0	0.00	1	0	0.00	4	0	0.00	3	0	0.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	362	6	0.02	236	2	0.01	68	0	0.00	58	4	0.07			
		Drinking Water	100.	362	0	0.00	236	0	0.00	68	0	0.00	58	0	0.00			
01077	SILVER, TOTAL	Fresh Acute	4.1	37	0	0.00	19	0	0.00				18	0	0.00			
		Drinking Water	100.	37	0	0.00	19	0	0.00				18	0	0.00			
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG	Fresh Acute	4.1	52 &	0	0.00	23	0	0.00	20	0	0.00	9	0	0.00			
		Drinking Water	100.	53	0	0.00	23	0	0.00	20	0	0.00	10	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	521	3	0.01	339	3	0.01	116	0	0.00	66	0	0.00			
		Drinking Water	5000.	521	0	0.00	339	0	0.00	116	0	0.00	66	0	0.00			
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN	Fresh Acute	120.	87	3	0.03	34	0	0.00	39	2	0.05	14	1	0.07			
		Drinking Water	5000.	87	0	0.00	34	0	0.00	39	0	0.00	14	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Entire ROMO Study Area

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	6/10-10/31 Obs	6/10-10/31 Exceed	6/10-10/31 Prop.	11/01-4/10 Obs	11/01-4/10 Exceed	11/01-4/10 Prop.	4/11-6/09 Obs	4/11-6/09 Exceed	4/11-6/09 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01095	ANTIMONY, DISSOLVED	Fresh Acute	88.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	6.	2	0	0.00	1	0	0.00				1	0	0.00			
01113	CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	Fresh Acute	3.9	87	0	0.00	34	0	0.00	40	0	0.00	13	0	0.00			
		Drinking Water	5.	87	0	0.00	34	0	0.00	40	0	0.00	13	0	0.00			
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB	Fresh Acute	82.	87	0	0.00	34	0	0.00	39	0	0.00	14	0	0.00			
		Drinking Water	15.	87	1	0.01	34	1	0.03	39	0	0.00	14	0	0.00			
01118	CHROMIUM TOTAL RECOVERABLE IN WATER AS C	Drinking Water	100.	6	0	0.00	2	0	0.00	3	0	0.00	1	0	0.00			
01119	COPPER, TOTAL RECOVERABLE IN WATER AS CU	Fresh Acute	18.	82	4	0.05	31	1	0.03	38	2	0.05	13	1	0.08			
		Drinking Water	1300.	82	0	0.00	31	0	0.00	38	0	0.00	13	0	0.00			
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	26	0	0.00	22	0	0.00	2	0	0.00	2	0	0.00			
		Drinking Water	50.	26	0	0.00	22	0	0.00	2	0	0.00	2	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	30	0	0.00	11	0	0.00	13	0	0.00	6	0	0.00			
		Drinking Water	50.	30	0	0.00	11	0	0.00	13	0	0.00	6	0	0.00			
09503	RADIUM 226, DISSOLVED	Drinking Water	5.	5	0	0.00	5	0	0.00									
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	118	0	0.00	112	0	0.00	3	0	0.00	3	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	643	20	0.03	365	14	0.04	189	0	0.00	89	6	0.07			
31503	COLIFORM,TOT,MEMBRANE FILTR,DELAY. M-END	Other-Hi Lim.	1000.	1	1	1.00				1	1	1.00						
31504	COLIFORM,TOT,MEMBRANE FILTR,IMMED. LES-E	Other-Hi Lim.	1000.	4	0	0.00	3	0	0.00	1	0	0.00						
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	98	49	0.50	69	39	0.57	24	8	0.33	5	2	0.40			
31506	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE C	Other-Hi Lim.	1000.	30	0	0.00	30	0	0.00									
31613	FECAL COLIFORM, MEMBRANE FILTER, AGAR	Other-Hi Lim.	200.	98	0	0.00	98	0	0.00									
31615	FECAL COLIFORM, MPN	Other-Hi Lim.	200.	186	55	0.30	106	42	0.40	62	12	0.19	18	1	0.06			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	303	1	0.00	149	1	0.01	112	0	0.00	42	0	0.00			
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	259	8	0.03	137	7	0.05	72	0	0.00	50	1	0.02			
50060	CHLORINE, TOTAL RESIDUAL	Fresh Acute	0.019	4	4	1.00	3	3	1.00	1	1	1.00						
61215	FECAL COLIFORM, GENERAL #/100ML	Other-Hi Lim.	200	79	0	0.00	0	0	0.00	79	0	0.00	0	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	4018	0	0.00	2541	0	0.00	501	0	0.00	976	0	0.00			
71856	NITRITE NITROGEN, DISSOLVED (AS NO2)	Drinking Water	3.3	76	0	0.00	31	0	0.00	33	0	0.00	12	0	0.00			
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	39	0	0.00	17	0	0.00	14	0	0.00	8	0	0.00			
		Drinking Water	2.	39	0	0.00	17	0	0.00	14	0	0.00	8	0	0.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	20	0	0.00	12	0	0.00	4	0	0.00	4	0	0.00			
		Drinking Water	2.	20	0	0.00	12	0	0.00	4	0	0.00	4	0	0.00			
82079	TURBIDITY, LAB	Other-Hi Lim.	50.	29	0	0.00	29	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

NPS Servicewide Inventory and Monitoring Program Level I

Water Quality Parameter Inventory Data Evaluation and Analysis:

Missing Level I Groups

There are STORET Data for Every Level I I&M Parameter Group Within the ROMO Study Area

NPS Servicewide Inventory and Monitoring Program Level I

Water Quality Parameter Inventory Data Evaluation and Analysis:

Present Level I Groups

STORET Data Within the ROMO Study Area Exist for These Groups:

Alkalinity		Total Obs.	01/01/85 to 11/12/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYSIS (UEQ/L)	1285	1172	113	0	180
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	1260	950	233	77	70
00435	ACIDITY, TOTAL (MG/L AS CACO3)	2	0	1	1	2
00440	BICARBONATE ION (MG/L AS HCO3)	160	37	68	55	33
00445	CARBONATE ION (MG/L AS CO3)	143	37	64	42	24
		2850	2196	479	175	309(252)[!]

pH		Total Obs.	01/01/85 to 11/12/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00400	PH (STANDARD UNITS)	3600	2639	593	368	231
00403	PH, LAB (STANDARD UNITS)	3672	3043	629	0	287
00406	PH, FIELD (STANDARD UNITS)	2287	1411	768	108	136
		9559	7093	1990	476	654(493)[!]

Conductivity		Total Obs.	01/01/85 to 11/12/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	2164	1373	791	0	184
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	6927	5279	1227	421	326
00096	SALINITY AT 25 DEGREES C (MG/ML)	1	1	0	0	1
		9092	6653	2018	421	511(473)[!]

Dissolved Oxygen		Total Obs.	01/01/85 to 11/12/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE (MG/L)	7	3	4	0	3
00300	OXYGEN, DISSOLVED (MG/L)	2762	1872	534	356	85
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION	48	5	0	43	12
		2817	1880	538	399	100 (88)[!]

Water Temperature		Total Obs.	01/01/85 to 11/12/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10647	7962	1959	726	427
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	118	42	52	24	5
		10765	8004	2011	750	432(432)[!]

Flow		Total Obs.	01/01/85 to 11/12/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00060	FLOW, STREAM, MEAN DAILY CFS	314	17	67	230	16
00061	FLOW, STREAM, INSTANTANEOUS CFS	2032	1495	480	57	31
00065	STAGE, STREAM (FEET)	311	163	148	0	20
		2657	1675	695	287	67 (45)[!]

[!]Since a station can have data for more than one of the parameters in the parameter group, the number in the parenthesis is the number of unique stations having data for this parameter group.

Clarity/Turbidity		Total Obs.	01/01/85 to 11/12/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00070	TURBIDITY, (JACKSON CANDLE UNITS)	4	0	4	0	2
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	38	0	0	38	8
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	34	0	25	9	1
00077	TRANSPARENCY, SECCHI DISC (INCHES)	140	105	16	19	15
00078	TRANSPARENCY, SECCHI DISC (METERS)	73	49	24	0	47
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	266	90	64	112	34
82079	TURBIDITY, LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	29	29	0	0	29
		584	273	133	178	136 (93)[1]

Nitrate/Nitrogen		Total Obs.	01/01/85 to 11/12/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00600	NITROGEN, TOTAL (MG/L AS N)	107	0	86	21	9
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	85	0	8	77	18
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	1969	1743	226	0	75
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	843	425	297	121	76
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	1132	974	153	5	88
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	187	62	25	100	48
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	56	54	2	0	5
00625	NITROGEN, KJELDAHL, TOTAL (MG/L AS N)	989	592	297	100	53
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	641	295	307	39	36
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	1697	1384	281	32	97
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	20	0	20	0	1
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	2843	2190	653	0	193
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	4018	3151	862	5	232
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	76	0	76	0	5
		14663	10870	3293	500	936(429)[1]

Phosphate/Phosphorus		Total Obs.	01/01/85 to 11/12/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	25	0	11	14	10
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	177	0	77	100	47
00665	PHOSPHORUS, TOTAL (MG/L AS P)	1282	697	534	51	74
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	675	467	141	67	27
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	1900	1415	421	64	117
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	131	131	0	0	9
		4190	2710	1184	296	284(177)[1]

Chlorophyll		Total Obs.	01/01/85 to 11/12/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
32211	CHLOROPHYLL A (UG/L) SPECTROPHOTOMETRIC ACID METH.	33	33	0	0	3
32217	CHLOROPHYLL A (UG/L) FLUOROMETRIC UNCORRECTED	10	0	10	0	5
		43	33	10	0	8 (8)[1]

Sulfates/Total Dissolved Solids/Hardness		Total Obs.	01/01/85 to 11/12/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00900	HARDNESS, TOTAL (MG/L AS CACO3)	430	125	231	74	62
00945	SULFATE, TOTAL (MG/L AS SO4)	1998	1486	449	63	106
00946	SULFATE, DISSOLVED (MG/L AS SO4)	3933	3131	802	0	201
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), (MG/L)	586	409	119	58	22
		6947	5151	1601	195	391(332)[1]

[1]Since a station can have data for more than one of the parameters in the parameter group, the number in the parenthesis is the number of unique stations having data for this parameter group.

Bacteria		Total Obs.	01/01/85 to 11/12/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00111	RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI	72	0	72	0	6
31501	COLIFORM, TOT, MEMBRANE FILTER,IMMED.M-ENDOMED,35C	674	48	435	191	46
31503	COLIFORM, TOT, MEMBRANE FILTER,DELAY,M-ENDOMED,35C	1	0	1	0	1
31504	COLIFORM, TOT, MEMBRANE FILTER, IMME,L-ENDAGAR,35C	4	4	0	0	2
31505	COLIFORM, TOT, MPN, CONFIRMED TEST,35C(TUBE 31506)	98	0	13	85	15
31506	COLIFORM, TOT, MPN, CONFIRMED TEST, TUBE CONFIG.	30	0	0	30	4
31613	FECAL COLIFORM, MEMBR, FILTER,M-FC AGAR,44.5C,24HR	98	2	96	0	8
31615	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	186	53	50	83	19
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5C	339	20	134	185	37
31625	FECAL COLIFORM, MF, M-FC, 0.7 UM	259	110	149	0	6
31673	FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	166	0	142	24	26
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	66	0	0	66	4
61214	FECAL STREPTOCOCCI, GENERAL #/100ML	81	0	81	0	9
61215	FECAL COLIFORM, GENERAL #/100ML	79	0	79	0	9
		2153	237	1252	664	192 (76)[1]

Toxic Elements		Total Obs.	01/01/85 to 11/12/98	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
01095	ANTIMONY, DISSOLVED (UG/L AS SB)	2	2	0	0	1
01000	ARSENIC, DISSOLVED (UG/L AS AS)	21	11	3	7	10
01002	ARSENIC, TOTAL (UG/L AS AS)	31	0	23	8	1
00998	BERYLLIUM, TOTAL RECOVERABLE IN WATER AS BE (UG/L)	6	0	6	0	1
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	318	318	0	0	6
01025	CADMIUM, DISSOLVED (UG/L AS CD)	518	442	65	11	25
01113	CADMIUM, TOTAL RECOVERABLE IN WATER AS CD (UG/L)	87	28	51	8	6
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	360	354	0	6	11
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	15	0	8	7	1
01118	CHROMIUM, TOTAL RECOVERABLE IN WATER AS CR (UG/L)	6	0	6	0	1
01040	COPPER, DISSOLVED (UG/L AS CU)	520	444	65	11	25
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU (UG/L)	82	23	52	7	6
01049	LEAD, DISSOLVED (UG/L AS PB)	547	444	73	30	28
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB (UG/L)	87	28	52	7	6
71890	MERCURY, DISSOLVED (UG/L AS HG)	39	13	10	16	11
71900	MERCURY, TOTAL (UG/L AS HG)	20	12	8	0	7
01065	NICKEL, DISSOLVED (UG/L AS NI)	491	401	70	20	14
01067	NICKEL, TOTAL (UG/L AS NI)	1	1	0	0	1
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI (UG/L)	8	0	8	0	1
01145	SELENIUM, DISSOLVED (UG/L AS SE)	26	23	3	0	11
01147	SELENIUM, TOTAL (UG/L AS SE)	30	7	15	8	6
01075	SILVER, DISSOLVED (UG/L AS AG)	362	362	0	0	15
01077	SILVER, TOTAL (UG/L AS AG)	37	37	0	0	5
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG (UG/L)	53	30	22	1	7
01090	ZINC, DISSOLVED (UG/L AS ZN)	521	443	64	14	26
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN (UG/L)	87	28	52	7	6
00723	CYANIDE, DISSOLVED STD METHOD (UG/L)	49	0	41	8	1
		4324	3451	697	176	239 (33)[1]

[1]Since a station can have data for more than one of the parameters in the parameter group, the number in the parenthesis is the number of unique stations having data for this parameter group.

NPS Servicewide Inventory and Monitoring Program Level I

Water Quality Parameter Inventory Data Evaluation and Analysis:

Park Summary: Level I Group Currentness and Distribution

Parameter Group	Total Obs.	Obs. Since 1985	% Obs. Since 1985	Stations Measuring This Group	% of Total Stations Measuring This Group	Obs. Per Station Measuring This Group	Period of Record For This Group	Observations Per Year of Period of Record
Alkalinity	2850	2196	77.1	252	37.1	11.3	04/21/41-09/11/98	49.7
pH	9559	7093	74.2	493	72.5	19.4	04/21/41-09/15/98	166.5
Conductivity	9092	6653	73.2	473	69.6	19.2	04/21/41-07/14/98	158.9
Dissolved Oxygen	2817	1880	66.7	88	12.9	32.0	09/27/55-05/28/98	66.0
Water Temperature	10765	8004	74.4	432	63.5	24.9	10/02/51-11/12/98	228.5
Flow	2657	1675	63.0	45	6.6	59.0	07/02/49-11/12/98	53.8
Clarity/Turbidity	584	273	46.7	93	13.7	6.3	07/21/64-09/09/97	17.6
Nitrate/Nitrogen	14663	10870	74.1	429	63.1	34.2	04/21/41-11/12/98	254.7
Phosphate/Phosphorus	4190	2710	64.7	177	26.0	23.7	08/23/65-09/09/97	130.7
Chlorophyll	43	33	76.7	8	1.2	5.4	08/26/75-07/01/96	2.1
Sulfates/Total Dissolved Solids/Hardness	6947	5151	74.1	332	48.8	20.9	04/21/41-11/12/98	120.7
Bacteria	2153	237	11.0	76	11.2	28.3	04/28/64-09/09/97	64.5
Toxic Elements	4324	3451	79.8	33	4.9	131.0	09/07/66-09/09/97	139.4

Water Quality Observations
Outside STORET Edit Criteria for ROMO

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
ROMO0034	00400	PH (STANDARD UNITS)	870716	1025	0.0000000	112WRD	09018500	X
ROMO0034	00400	PH (STANDARD UNITS)	910619	1115	0.0000000	112WRD	09018500	X
ROMO0034	00400	PH (STANDARD UNITS)	910619	1116	0.0000000	112WRD	09018500	X
ROMO0034	00400	PH (STANDARD UNITS)	910619	1117	0.0000000	112WRD	09018500	X
ROMO0034	00400	PH (STANDARD UNITS)	910619	1118	0.0000000	112WRD	09018500	X
ROMO0034	00400	PH (STANDARD UNITS)	910619	1119	0.0000000	112WRD	09018500	X
ROMO0034	00400	PH (STANDARD UNITS)	910619	1120	0.0000000	112WRD	09018500	X
ROMO0034	00400	PH (STANDARD UNITS)	910619	1121	0.0000000	112WRD	09018500	X
ROMO0034	00400	PH (STANDARD UNITS)	910619	1122	0.0000000	112WRD	09018500	X
ROMO0034	00400	PH (STANDARD UNITS)	910619	1123	0.0000000	112WRD	09018500	X
ROMO0034	00400	PH (STANDARD UNITS)	910619	1124	0.0000000	112WRD	09018500	X
ROMO0034	00400	PH (STANDARD UNITS)	910619	1125	0.0000000	112WRD	09018500	X
ROMO0034	00400	PH (STANDARD UNITS)	910619	1126	0.0000000	112WRD	09018500	X
ROMO0034	00400	PH (STANDARD UNITS)	910619	1127	0.0000000	112WRD	09018500	X
ROMO0034	00400	PH (STANDARD UNITS)	910619	1128	0.0000000	112WRD	09018500	X
ROMO0034	00400	PH (STANDARD UNITS)	910619	1129	0.0000000	112WRD	09018500	X
ROMO0060	00400	PH (STANDARD UNITS)	871120	0630	0.0000000	112WRD	09018300	X
ROMO0060	00400	PH (STANDARD UNITS)	880901	0700	0.0000000	112WRD	09018300	X
ROMO0060	00400	PH (STANDARD UNITS)	880922	0705	0.0000000	112WRD	09018300	X
ROMO0060	00400	PH (STANDARD UNITS)	911120	1830	0.0000000	112WRD	09018300	X
ROMO0223	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	910430		0.0000000	11NPSWRD	ROMO_JB_SKYLS	
ROMO0320	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	910709	1105	0.9000000	112WRD	401733105392404	
ROMO0320	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	910806	1525	0.7000000	112WRD	401733105392404	
ROMO0320	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	910910	1520	0.7000000	112WRD	401733105392404	
ROMO0320	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	911112	1705	0.9000000	112WRD	401733105392404	
ROMO0320	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	920204	1200	0.7000000	112WRD	401733105392404	
ROMO0320	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	920512	1310	0.9000000	112WRD	401733105392404	
ROMO0320	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	920512	1315	0.9000000	112WRD	401733105392404	
ROMO0325	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	890808		0.0000000	11NPSWRD	ROMO_JB_LOCHO	
ROMO0325	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	910604		0.8000000	11NPSWRD	ROMO_JB_LOCHO	
ROMO0325	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	920616		0.7000000	11NPSWRD	ROMO_JB_LOCHO	
ROMO0325	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	940712		0.9000000	11NPSWRD	ROMO_JB_LOCHO	
ROMO0351	01056	MANGANESE, DISSOLVED (UG/L AS MN)	740820	1300	5600.0000000	112WRD	401832105483700	
ROMO0410	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	920916	1250	0.0000000	112WRD	09013000	
ROMO0410	00400	PH (STANDARD UNITS)	901119	1115	0.0000000	112WRD	09013000	X
ROMO0410	00400	PH (STANDARD UNITS)	910219	1109	0.0000000	112WRD	09013000	X
ROMO0410	00400	PH (STANDARD UNITS)	910325	1100	0.0000000	112WRD	09013000	X
ROMO0410	00400	PH (STANDARD UNITS)	910513	1515	0.0000000	112WRD	09013000	X
ROMO0410	00400	PH (STANDARD UNITS)	910722	1235	0.0000000	112WRD	09013000	X
ROMO0410	00400	PH (STANDARD UNITS)	920916	1250	0.0000000	112WRD	09013000	X
ROMO0430	00095	SPECIFIC CONDUCTANCE (UMHOS/CM 25C)	870726	0905	0.9000000	112WRD	402032105314700	

Water Quality Observations
Outside STORET Edit Criteria for ROMO

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
ROMO0470	00400	PH (STANDARD UNITS)	901119	1220	0.0000000	112WRD	06734900	X
ROMO0470	00400	PH (STANDARD UNITS)	910513	1635	0.0000000	112WRD	06734900	X
ROMO0470	00400	PH (STANDARD UNITS)	910722	1430	0.0000000	112WRD	06734900	X
ROMO0517	00405	CARBON DIOXIDE (MG/L AS CO2)	850707		130.0000000	11NPSWRD	ROMO_NPS_FLD_4	
ROMO0517	00405	CARBON DIOXIDE (MG/L AS CO2)	860527		135.0000000	11NPSWRD	ROMO_NPS_FLD_4	
ROMO0517	00405	CARBON DIOXIDE (MG/L AS CO2)	860718		125.0000000	11NPSWRD	ROMO_NPS_FLD_4	
ROMO0517	00405	CARBON DIOXIDE (MG/L AS CO2)	870513		105.0000000	11NPSWRD	ROMO_NPS_FLD_4	

APPENDICES

Appendix A

Computer Files Transmitted With

Park Baseline Water Quality Data Inventory and Analysis

Computer disk(s) accompanying this report include up to seven (depending on the presence or absence of certain data elements) compressed (ZIP) files containing digital copies of nearly all the tables, figures, and other materials used to produce this report. To decompress these files, you must use the commonly available shareware program PKUNZIP. The command to type at the DOS prompt is:

PKUNZIP -E *COMPRESS.ZIP FILENAME.EXT*

where COMPRESS.ZIP is the name of one of the seven compressed (ZIP) files listed below and FILENAME.EXT is the name of the file you wish to extract. If you want to decompress all of the files in COMPRESS.ZIP, simply omit the FILENAME.EXT. To obtain a listing of all the files compressed into a particular ZIP file, type the following:

PKUNZIP -V *COMPRESS.ZIP* |MORE

where COMPRESS.ZIP is the name of one of the seven compressed ZIP files listed below. If a ZIP file spans multiple disks, use the last disk of the series (span) when obtaining a listing of all the files compressed into a particular ZIP file. Once you see the file you wish to obtain, substitute this file name for FILENAME.EXT in the first command line above to extract and decompress this particular file.

Included on one of the disk(s) accompanying this report is a program named PRINTZIP. This program will decompress ZIP files which don't span multiple disks and print certain files to a Hewlett-Packard (or compatible) Laser Printer. To use PRINTZIP, however, you must still have a copy of PKUNZIP in a directory listed in your path or in the same directory as the PRINTZIP program. PRINTZIP provides an easy, menu-driven interface for using PKUNZIP to decompress files and then send them to the printer. PRINTZIP allows you to send individual files, groups of files, or all files to the printer. PRINTZIP will not work with ZIP files that span multiple disks.

The following compressed (ZIP) files are included on the disk(s) accompanying this report:

(1) ROMOTABS.ZIP

This compressed file contains all the tables presented in the report. The files compressed into this file include:

(a) ROMOSITE.DOC - Descriptive listing of select fields from the industrial facilities discharges, drinking water intakes, and EPA-USGS stream gages databases.

(b) ROMOAGNC.DOC - Contacts for agencies whose data were retrieved within the study area.

(c) ROMOAGNQ.DOC - Number of stations, observations, and parameters retrieved by agency code within the study area and park.

(d) ROMOOV0.DOC - Overview of park and retrieved data.

(e) ROMOOV1.DOC - Station period of record table.

(f) ROMOOV2.DOC - Parameter period of record table.

(g) ROMOOV3.DOC - Station/parameter period of record table.

(h) ROMOINV.DOC - Station by station descriptive statistics over the entire period of record and comparison against EPA Water Quality Criteria for each station.

(i) ROMOSEAN.DOC - Seasonal and annual water quality descriptive statistics at stations with water quality data meeting the default seasonal and annual criteria.

(j) ROMOEPAS.DOC - EPA Water Quality Criteria comparison for data at all stations combined within the study area.

(k) ROMOIDEA.DOC - Comparison of downloaded STORET data with NPS Servicewide Inventory and Monitoring Program "Level I" water quality parameters.

(l) ROMOBAD.DOC - Water quality observation values that were outside the range of one of 190 STORET edit criteria and were either discarded or retained.

All these compressed document files are in ASCII format and contain printer codes appropriate to Hewlett-Packard (or compatible) Laser Printers. While at the DOS prompt, any of these document files may be printed directly to a Hewlett-Packard (or compatible) Laser Printer by using the PRINT command. For example, if the document ROMOOV1.DOC is in the subdirectory C:\WATER, you could type: PRINT C:\WATER\ROMOOV1.DOC. This will print the file to your local or networked Hewlett-Packard (or compatible) Laser Printer attached to parallel port one (LPT1:). Alternatively, you can use the PRINTZIP program to decompress and print any of these files provided the ZIP file doesn't span multiple disks. These ASCII files can also be imported into word-processed documents, but the printer codes will then have to be removed.

(2) ROMOFIGS.ZIP

This compressed file contains graphics files for all the statistical figures (time series plots; annual box and whiskers plots; seasonal box and whiskers plots) in the report in two different formats: Computer Graphic Metafile (CGM) and Hewlett-Packard Printer Control Language (PCL). The files are named with the last three digits of the Station Name followed by the five digit STORET code. The file name extension begins with either a 1 (time series), 2 (annual), or 3 (seasonal) and then either GM for CGM or CL for PCL. For example, 00100300.2GM would denote the file contains an annual box and whiskers plot in CGM format for parameter 00300 (dissolved oxygen) at station ROMO0001. While at the DOS prompt, any PCL file can be printed directly to a Hewlett-Packard (or compatible) Laser Printer by using the COPY command. For example, if the graphic 00100300.2CL (an annual box and whiskers plot of parameter 00300, dissolved oxygen, at station ROMO0001) is in the subirectory C:\WATER, you would type: COPY C:\WATER\00100300.2CL LPT1: /B. This will print the file to your local or networked Hewlett-Packard (or compatible) Laser Printer attached to parallel port one (LPT1:). The /B is necessary because the PCL file is in a binary format. Alternatively, you can use the PRINTZIP program to decompress and print any of the PCL files provided the ZIP file doesn't span multiple disks. The CGM files can be imported and/or edited in most graphics packages, including WordPerfect.

(3) ROMOPARM.ZIP

This file compresses ROMOPARM.DBF which contains all the actual values (raw data) of all the water quality data downloaded from STORET and summarized in the report. The detailed database structure for this file is contained in Appendix B.

(4) ROMOSITE.ZIP

This compressed file contains up to five geo-referenced, DBASE III+ compatible site (point location) files documenting the location in the study area of water quality monitoring stations, industrial facilities discharges, drinking water intakes, water gages, and water impoundments. These files include:

(a) ROMOWQ.DBF - All water quality monitoring station locations within the project's study area downloaded from STORET.

(b) ROMOIFD.DBF - All municipal and industrial facility discharges within the project's study area downloaded from the IFD database.

(c) ROMODRIN.DBF - All drinking water intakes within the project's study area downloaded from the DRINKS database.

(d) ROMOGAGE.DBF - All water gages within the project's study area downloaded from the GAGES database.

(e) ROMODAMS.DBF - All water impoundments within the project's study area downloaded from the DAMS database.

The absence of any of these files indicates that none of the particular sites were found within the study area. Detailed database structures for each of these files are contained in Appendix B.

(5) ROMOMISC.ZIP

This compressed file contains a variety of graphic and document files that are contained in the report. They are grouped into this miscellaneous compressed (ZIP) file because they don't fit neatly into any of the other compressed files. The files contained in this compressed file include:

(a) ROMOEXEC.DOC - WordPerfect Ver. 5.1 copy of the Executive Summary in the report.

(b) ROMOTOC.DOC - WordPerfect Ver. 5.1 copy of the report's Table of Contents.

(c) INTRO.DOC - WordPerfect Ver. 5.1 copy of all the text in the report from the Introduction through the Interpretive Guide to Water Quality Results.

(d) APPENDIX.DOC - WordPerfect Ver. 5.1 copy of all the Appendices in the report.

(e) ROMOREGI - PCL and CLP (Windows Clipboard) copies of map displaying the regional location of the park and study area.

(f) ROMOWQ - PCL and CLP (Windows Clipboard) copies of park maps displaying water quality station locations within the park's study area. If, due to scaling and aesthetic concerns, multiple maps were needed, these files will have alphabetically ordered suffixes (ROMOWQA, ROMOWQB, ROMOWQC, etc.) and the index map name will end with an ampersand (&).

(g) ROMOIDG - PCL and CLP (Windows Clipboard) copies of park maps displaying locations of industrial facilities discharges, drinking water intakes, and stream gages within the park's study area. If, due to scaling and aesthetic concerns, multiple maps were needed, these files will have alphabetically ordered suffixes (ROMOIDGA, ROMOIDGB, ROMOIDGC, etc.) and the index map name will end with an ampersand (&). If no industrial facilities discharges, drinking water intakes, water gages, or water impoundments exist within the park's study area, these files will not be in the compressed (ZIP) file.

(h) ROMOSEHY - PCL and CLP (Windows Clipboard) copies of the hydrographs or other materials used by WRD staff as the basis for a first attempt at a seasonal analysis of the park's water quality data.

Other materials may also be included in this miscellaneous compressed (ZIP) file as warranted by conditions at the park. As with ROMOFIGS.ZIP and ROMOTABS.ZIP, you can use the PRINTZIP program to print any of the PCL files in ROMOMISC.ZIP provided the ZIP file doesn't span multiple disks. You should not, however, use PRINTZIP to print the WordPerfect document files. The CLP (Windows Clipboard) files can be imported (pasted) and/or edited in most Windows-based word processors and graphics packages.

(6) ROMORF3.ZIP

This compressed file contains the Environmental Protection Agency's River Reach File Ver. 3.0 provisional data for the USGS catalog unit(s) encompassing the study area. The attribute data exist in both ASCII and DBASE III+ format, while the geographic traces exist in ASCII format. This compressed file contains four files for each catalog unit that touches the study area. Catalog units are identified by unique 8-character numeric names which identify the region, subregion, accounting unit, and catalog unit. Examples (your 8-character numeric names will be different) of the file types included in this compressed file are:

(a) 12345678.RF3 - ASCII formatted attribute file from the River Reach File for all hydrographic traces within the catalog unit.

(b) 12345678.DBF - DBASE III+ formatted attribute file from the River Reach File for all hydrographic traces within the catalog unit.

(c) 12345678.TRC - ASCII formatted geographic file from the River Reach File containing digital, geo-referenced descriptions of all hydrographic traces within the catalog unit at a scale of 1:100,000 suitable for import into a geographic information system.

(d) 12345678.CUB - ASCII formatted geographic file from the River Reach File containing a digital, geo-referenced description of the catalog unit boundary suitable for import into a geographic information system.

Detailed database structures for RF3-related files are contained in Appendix B.

(7) ROMOWQMW.ZIP

Between 2000 and 2002, all Baseline Water Quality Data Inventory and Analysis Reports were compiled or re-compiled in Microsoft Word 2000 (Ver. 9.0) format. This complete, digital version of the report will be made available through various means, including the Internet. Although the reports can be opened in Microsoft Word 1997 (Ver. 8.0), the time series and annual and seasonal box-plots may not be centered appropriately on a page due to discrepancies with how Word 2000 formats pictures and how Word 1997 formatted pictures. Consequently, Word 2000 is the recommended software for viewing the report. Prior to printing the report from Word, be sure to enable "Print Text as Graphics" or "Print True Type Font as Graphics" in the Printer Properties. This ensures a more faithful reproduction of the maps included in the Word document.

The Microsoft Word version of the Baseline Water Quality Data Inventory and Analysis Report may differ slightly from the original analog version. Reports issued during 1994-1996 didn't have as many "bells-and-whistles" as subsequent reports. In compiling digital Microsoft Word versions of these earlier reports, attempts were made to bring these 1994-1996 reports up to the current standard wherever feasible and practicable. Unfortunately, some changes were not feasible or practicable. For example, water quality criteria screens were added or modified over time when newer criteria became available. The digital Microsoft Word version of Appendix F presents the latest criteria screening parameters and values. Some of these parameters and/or values may not have been screened against in the EPA water quality criteria analyses for each station and the entire study area in the 1994-1996 analog versions of the report. Similarly, the Introduction, Methodology, and Interpretive Guide to Water Quality Results may mention certain features that aren't included in the 1994-1996 reports. Additionally, to prepare a Microsoft Word version of this report, data were processed through different versions of software than used originally. Consequently, some results presented in the Overview and Executive Summary may differ slightly from those presented in the analog report (eg. # of In Park and Longer Term Stations).

Appendix B

Water Quality Database File Structures

The following table provides the DBASE III+ database field structure for all the water quality parameter data downloaded from STORET. This data will allow parks or other interested parties to replicate the statistical analyses and graphics contained in this report; perform more sophisticated analyses; or to establish a baseline park water quality database.

Parameter Data File: ROMOPARM.DBF in ROMOPARM.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
NPSSTATID	1	8	8	NPS Station ID (NPS park code + 4 digit sequence number)
BEGDATE	9	14	6	Measurement Start Date [yymmdd]
BEGTIME	15	18	4	Measurement Start Time [hhmm]
PARMCODE	19	23	5	STORET Parameter Code
PARMVALU	24	39	16.7	Parameter Value
REMARK	40	40	1	Parameter Remark Value
				A=Value is Mean of 2 or More Determinations
				B=Results Based Upon Colony Counts Outside Acceptable Range
				C=Value Calculated
				D=Field Measurement
				E=Extra Sample Taken in Compositing Process
				F=Female Species
				G=Maximum of 2 or More Determinations
				H=Based on Field Kit Determination
				I=Value is Less Than Practical Quantitation Limit and Greater Than or Equal to the Method Detection Limit
				J=Estimated, Not the Result of Analytic Measurement
				K=Off-scale Low, Actual Value Not Known, But Known to be Less Than Value Shown
				L=Off-scale High, Actual Value Not Known, But Known to be Greater Than Value Shown

Parameter Data File: ROMOPARM.DBF in ROMOPARM.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
				M=Presence Verified, But Not Quantified, Below Quantification Limit; For Species, Male; For Oxygen Reduction Potential, Indicates a Negative Value
				N=Presumptive Evidence of Presence
				O=Analysis Lost
				P=Too Numerous to Count
				Q=Exceeded Normal Holding Time
				R=Significant Rain in Last 48 Hours
				S=Laboratory test
				T=Less Than Detection Criteria
				U=Analyzed For But Not Detected, Value is Detection Limit For Process Used; If Species, Undetermined
				V=Analyte was Detected in Sample and Method Blank
				W=Less Than Lowest Value Reportable Under Remark "T"
				X=Quasi Vertically-Integrated Sample
				Y=Analysis of Unpreserved Sample
				Z=Too Many Colonies Were Present to Count (TNTC), Value Represents Filtration Value
				$=Calculated By Retrieval Software
MEDIA	41	46	6	Sample Media
DEPTH	47	55	9.3	Depth of Sample [in feet]
ENDDATE	56	61	6	Measurement End Date [yymmdd] [all composite samples]
ENDTIME	62	65	4	Measurement End Time [hhmm] [all composite samples]
SAMPTYPE	66	69	4	Type of Sample ["sophisticated" composite samples]
				C=Continuous Collection
				G=Collection of Individual Grab Samples
				GNxx=xx is the Number of Individual Grab Samples
				B=N/A

Parameter Data File: ROMOPARM.DBF in ROMOPARM.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
COMPTYPE	70	70	1	Composite Value Type ["sophisticated" composite samples]
				A=Average
				H=Maximum
				L=Minimum
				N=Number of Observations
				#=Number of Observations
				S=Standard Deviation
				U=Sum of Squares
				V=Variance
				C=Coefficient of Error
				X=Coefficient of Variance
				E=Skewness
				F=Kurtosis
				Z=Number of Observations That Exceed an Established Limit
				%=Precision
				$=Accuracy
				B=N/A
				D=Indicates Replicate Sample
COMPST	71	71	1	Composite Space/Time Indicator
				S=Space
				T=Time
				B=Space and Time
				F=Flow Proportional
				1-9=Replicate Number

Note: DBASE III+ record lengths will be one greater than the last stop column displayed (71 here) because DBASE III+ reserves the first space/column of every record for a deletion flag. Hence, DBASE III+ will display a record length of 72 for this database.

The following table provides the DBASE III+ database field structure for all the water quality station locations downloaded from STORET. As this file is geo-referenced, it should import easily into the park's Geographic Information System.

Water Quality Station Data File: ROMOWQ.DBF in ROMOSITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
NPSSTATID	1	8	8	NPS Station ID (NPS park code + 4 digit sequence number)
AGENCY	9	16	8	Agency Code of Station Owner
STORIDP	17	31	15	STORET Primary Station Code
STORIDS1	32	43	12	STORET First Secondary Station Code
STORIDS2	44	55	12	STORET Second Secondary Station Code
STORIDS3	56	65	10	STORET Third Secondary Station Code
LATITUDE	66	73	8	Station Latitude [degrees:minutes:seconds]
LONGITUDE	74	82	9	Station Longitude [degrees:minutes:seconds]
LAT	83	93	11.6	Station Latitude [decimal degrees, (-) below equator]
LON	94	104	11.6	Station Longitude [decimal degrees, (-) western hemisphere]
LLPREC	105	105	1	Latitude/Longitude Precision Code
RMI	106	329	224	River Mile Index
STATLOC	330	377	48	Station Location Description
CNTYCODE	378	382	5	FIPS State/County Code
STNAME	383	398	16	State Name
CNTYNAME	399	418	20	County Name
HYDUNIT	419	426	8	Hydrologic Unit Code (MAJ/MIN/SUB = Catalog Unit)
MAJBASN	427	450	24	Major Basin Name
MINBASN	451	490	40	Minor Basin Name
STATTYPE	491	550	60	Station Type
STORDATE	551	556	6	Date Station was Stored in STORET
RF1INDEX	557	567	11	RF1 Reach Number Location [2]
RF1MILE	568	575	8.3	Mile Point on RF1 Reach [2]
RF1LOC	576	578	3	Indicates the Location as ON or OFF RF1 Reach [2]
RF1DIST	579	584	6.2	Distance From RF1 Reach

Water Quality Station Data File: ROMOWQ.DBF in ROMOSITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
RF3INDEX	585	601	17	RF3 Reach Number Location [3]
RF3MILE	602	607	6.2	Mile point on RF3 Reach [3]
RF3LOC	608	610	3	Indicates the Location as ON or OFF RF3 Reach [2]
RF3DIST	611	616	6.2	Distance From RF3 Reach
DEPH2O	617	620	4	Depth of Water at Station Location [in feet]
ELEV	621	625	5	Station Elevation
ECOREG	626	628	3	ECO Region
H2OBODY	629	678	50	Waterbody ID
AQUIFERS	679	718	40	Aquifer Description
STATDESC1	719	790	72	Station Sentence Description
STATDESC2	791	862	72	Station Sentence Description
STATDESC3	863	934	72	Station Sentence Description
STATDESC4	935	1006	72	Station Sentence Description
STATDESC5	1007	1078	72	Station Sentence Description
STATDESC6	1079	1150	72	Station Sentence Description
STATDESC7	1151	1222	72	Station Sentence Description
STATDESC8	1223	1294	72	Station Sentence Description
STATDESC9	1295	1366	72	Station Sentence Description
STATDESC10	1367	1438	72	Station Sentence Description
STATDESC11	1439	1510	72	Station Sentence Description
STATDESC12	1511	1582	72	Station Sentence Description
STATDESC13	1583	1654	72	Station Sentence Description
STATDESC14	1655	1726	72	Station Sentence Description
STATDESC15	1727	1798	72	Station Sentence Description
STATLOCKED	1799	1799	1	Station Locked (Logical) True/False

The following table provides the DBASE III+ database field structures for the EPA Industrial Facilities Discharge database. As this file is geo-referenced, it should import easily into the park's Geographic Information System.

Industrial Facilities Discharges File: ROMOIFD.DBF in ROMOSITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
SITEID	1	9	9	Site Identifier (NPDES Number)
LATITUDE	10	17	8	Facility Latitude (Degrees:Minutes:Seconds)
LONGITUDE	18	26	9	Facility Longitude (Degrees:Minutes:Seconds)
LAT	27	37	11.6	Facility Latitude (decimal degrees, (-) below equator)
LON	38	48	11.6	Facility Longitude (decimal degrees, (-) west. hem.)
RF1INDEX	49	59	11	RF1 Reach Number Location
RF1MILE	60	65	6.2	Mile Point on RF1 Reach
RF1DIST	66	71	6.2	Distance From RF1 Reach
RF3INDEX	72	88	17	RF3 Reach Number Location
RF3MILE	89	94	6.2	Mile Point on RF3 Reach
RF3DIST	95	100	6.2	Distance From RF3 Reach
ADR	101	125	25	Address
BFL	126	132	7.2	Total Direct Combined C&P Flow (1000 GPD)
CCFLG	133	133	1	Coastal County Flag "Y"/"N"/"E"=Estuary
CC1	134	138	5	City Code #1 (EPA Code)
CFL	139	145	7.2	Total Direct Cooling Flow (1000 GPD)
CNC	146	148	3	County Code (FIPS)
CTY	149	168	20	City Name
CZIP	169	177	9	Canadian Zip Code
DNB	178	186	9	Dunn & Bradstreet Number
DNBFLG	187	187	1	Dunn & Bradstreet PCS Source Flag
EGF	188	202	15.4	Flow From Effluent Guidelines (1000 GPD)
EGS	203	208	6	Effluent Guidelines Subcategory
EXPDT	209	216	8	Expiration Date (mm/dd/yy)
E308SN	217	220	4	Effluent Guidelines Survey Number
FAC	221	229	9	SCS Facility Identifier (Cross-Reference)
FDS	230	232	3	Facility Data Source

Industrial Facilities Discharges File: ROMOIFD.DBF in ROMOSITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
FFL	233	239	7.2	Total Facility Flow (1000 GPD)
FHF	240	240	1	Fac. Hit Flag (Reach File) V=Versar Assumed
FLOTYP	241	243	3	I=Blow Down, R=Bottom Ash, S=Fly Ash
FLR	244	250	7.2	Flow Recvd-Industrial (1000 GPD) Permit Data
FRDS	251	259	9	FRDS ID# - XREF To Water Supply
FRW	260	289	30	Facility Receiving Water Name
FS1	290	293	4	Facility SIC Code (From PCS)
FS2	294	297	4	Facility SIC Code #1
FS3	298	301	4	Facility SIC Code #2
FS4	302	305	4	Facility SIC Code #3
FS5	306	309	4	Facility SIC Code #4
FUD	310	317	8	Facility Level Last Date Updated (mm/dd/yy)
IACC	318	318	1	Inactive/Active Indicator ("I" or "A")
ICAT	319	320	2	WQAB Industrial Category
ICAT2	321	322	2	WQAB Industrial Category 2
ICAT3	323	324	2	WQAB Industrial Category 3
IFL	325	331	7	Total Indirect Flow (1000 GPD)
IFT	332	332	1	Illinois Facility Type (A thru Z)
IG1	333	334	2	Facility Industrial Group #1
IG2	335	336	2	Facility Industrial Group #2
IJCN	337	346	10	Canadian Record Identifier
INACT	347	353	7	Inactive/Rescinded P=Based on Permit;A=Actual
INDCNT	354	357	4	Computed Number of Indirect Dischargers
LATLON	358	372	15	Polygon Retrieval Lat/Long.
MAJ	373	373	1	Major-Minor Flag (From PCS)
MAPID	374	377	4	Map Identifier
MJMN	378	381	4	Major/Minor Basin (EPA-STORET)
NAM	382	441	60	Facility Name
NDC	442	444	3	Number of Discharges (Pipes)

Industrial Facilities Discharges File: ROMOIFD.DBF in ROMOSITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
NDSFLO	445	451	7.2	NEEDS Flow (1000 GPD)
NDSIFLO	452	458	7.2	NEEDS Industrial Flow (1000 GPD)
NID	459	462	4	Number of Indirect Dischargers
NPC	463	463	1	NEEDS Pre-Treatment Code "Y"=Yes, "N"=No
NPS	464	464	1	NPDES Facility Source/Status
NSN	465	473	9	NEEDS Survey Number
NTC	474	474	1	NEEDS Treatment Code
OCP	475	480	6	Organic Chemical Producers ID Number
ODESCC	481	481	1	ODES Coastal County "Y"=Yes; "N"=No
OFL	482	488	7.2	Total Non-Direct Other Flow (1000 GPD)
OWN	489	491	3	Ownership Code
PFL	492	498	7.2	Total Direct Process Flow (1000 GPD)
REG	499	500	2	EPA Region
REGKEY	501	504	4	Region Key
RSLOFLO	505	511	7.2	Receiving Stream Low Flow
RSMNFLO	512	518	7.2	Receiving Stream Mean Flow
STA	519	520	2	State Postal Abbreviation
STAID	521	535	15	State Identifier
STC	536	537	2	State Code (FIPS)
STCITY	538	544	7	State/City Code
TFLOW	545	551	7.2	Type Flow (1000 GPD)
UFL	552	558	7.2	Total Direct Undefined Flow (1000 GPD)
XEGS	559	561	3	Effluent Guidelines Subcat Index
XKEY	562	562	1	"1","2","3","4","5","6","7","8","9"
XNME	563	565	3	GLP,DIR,F2C,ENF,CET,LAG,PPB,M85,M86
ZIP	566	570	5	Zip Code

The following table provides the DBASE III+ database field structures for drinking water intakes from the EPA DRINKS database. As this file is geo-referenced, it should import easily into the park's Geographic Information System.

Drinking Water Intakes File: ROMODRIN.DBF in ROMOSITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
SITEID	1	20	20	Site Identifier
LATITUDE	21	28	8	Facility Latitude (Degrees:Minutes:Seconds)
LONGITUDE	29	37	9	Facility Longitude (Degrees:Minutes:Seconds)
LAT	38	48	11.6	Facility Latitude (decimal degrees, (-) below equator)
LON	49	59	11.6	Facility Longitude (decimal degrees, (-) west. hem.)
RF1INDEX	60	70	11	RF1 Reach Number Location
RF1MILE	71	76	6.2	Mile Point on RF1 Reach
RF1DIST	77	82	6.2	Distance From RF1 Reach
RF3INDEX	83	99	17	RF3 Reach Number Location
RF3MILE	100	105	6.2	Mile Point on RF3 Reach
RF3DIST	106	111	6.2	Distance From RF3 Reach
AQCD	112	115	4	Aquifer Code
ASC	116	138	23	STORET Agency/Station Code
AVGD	139	142	4	Average Depth
BUY	143	143	1	Purchase Code
CC1	144	148	5	City Code #1 (EPA Code)
CNC	149	151	3	County Code (FIPS)
CNME	152	166	15	Contact Name
CNN	167	186	20	County Name
CTITLE	187	201	15	Contact Title
CTY	202	221	20	City Name
DUD	222	229	8	Date of Update
FRDS	230	238	9	FRDS ID# - Cross-Reference
GEOAG	239	258	20	Geologic Age
GEOCDE	259	261	3	Geologic Age Code
IDAT	262	269	8	Date (mm/dd/yy)

Drinking Water Intakes File: ROMODRIN.DBF in ROMOSITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
INTAKET	270	270	1	Type Source G/S/B
INTRVWR	271	285	15	Interviewer
MAXD	286	289	4	Maximum Depth
MILES	290	296	7.2	Miles
MIND	297	300	4	Minimum Depth
NAME	301	320	20	Name
NPD	321	329	9	NPDES# XREF to IFD Database
NWLS	330	332	3	Number of Wells
OWN	333	335	3	Ownership
PAVGF	336	342	7.2	Production Avg. Daily (Gal/Day)
PCTSUP	343	345	3	%Surface / %Ground
PHONE	346	355	10	Telephone Number
PMAXF	356	362	7.2	Production Max. Daily (Gal/Day)
POPSV	363	371	9	Population Served
REG	372	373	2	EPA Region
SHLAT	374	379	6	Sitehelp Latitude (DDMMSS)
SHLNG	380	386	7	Sitehelp Longitude (DDDMMSS)
SHMILES	387	393	7.2	Sitehelp Miles
SHNME	394	403	10	Sitehelp Source Name
SHPCT	404	410	7.2	Sitehelp Percent of Reach Miles
SRC	411	413	3	Sitehelp Source Code
STA	414	415	2	State Abbreviation
STC	416	417	2	State Code (FIPS)
TUF	418	424	7.2	Total Utility Flow
TYPCDE	425	425	1	Type Code
UHF	426	426	1	Utility Hit Flag (Reach File)
VCDE	427	427	1	Versar Code='V'=>25K; '*'=<25K POPSVD
WFPC	428	428	1	Wellfield Precision Code
WFTYP	429	429	1	Well Type (Cassing,Artesian,Infiltration,etc.)

Drinking Water Intakes File: ROMODRIN.DBF in ROMOSITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
WUN	430	449	20	Water Utility Name

The following table provides the DBASE III+ database field structures for the Water Gage database. As this file is geo-referenced, it should import easily into the park's Geographic Information System.

Water Gage File: ROMOGAGE.DBF in ROMOSITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
SITEID	1	20	20	Site Identifier
LATITUDE	21	28	8	Facility Latitude (DDMMSS)
LONGITUDE	29	37	9	Facility Longitude (DDDMMSS)
LAT	38	48	11.6	Facility Latitude (decimal degrees, (-) below equator)
LON	49	59	11.6	Facility Longitude (decimal degrees, (-) west. hem.)
RF1INDEX	60	70	11	RF1 Reach Number Location
RF1MILE	71	76	6.2	Mile Point on RF1 Reach
RF1DIST	77	82	6.2	Distance From RF1 Reach
RF3INDEX	83	99	17	RF3 Reach Number Location
RF3MILE	100	105	6.2	Mile Point on RF3 Reach
RF3DIST	106	111	6.2	Distance From RF3 Reach
JAN	112	118	7.2	Monthly Flow - January
FEB	119	125	7.2	Monthly Flow - February
MAR	126	132	7.2	Monthly Flow - March
APR	133	139	7.2	Monthly Flow - April
MAY	140	146	7.2	Monthly Flow - May
JUN	147	153	7.2	Monthly Flow - June
JUL	154	160	7.2	Monthly Flow - July
AUG	161	167	7.2	Monthly Flow - August
SEP	168	174	7.2	Monthly Flow - September
OCT	175	181	7.2	Monthly Flow - October
NOV	182	188	7.2	Monthly Flow - November
DEC	189	195	7.2	Monthly Flow - December
RGN	196	197	2	Region Code
AREA	198	204	7.2	Drainage Area (SQ.MI.)
DUD	205	212	8	Date of Update

Water Gage File: ROMOGAGE.DBF in ROMOSITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
FBCF	213	213	1	Flag - Basic Characteristic File ('Y')
FDFF	214	214	1	Flag - Daily Flows File ('Y')
FQMINV	215	224	10	IHS Pt. Files Index
GHF	225	225	1	Hit Flag (Reach File)
ICDE	226	226	1	Integrity Code
LFVEL	227	233	7.2	Low Flow Velocity
METHOD	234	236	3	Calculation Method Code
MFVEL	237	243	7.2	Mean Flow Velocity
MNFLO	244	250	7.2	USGS Mean Annual Flow
NME	251	298	48	Station Name
SHLAT	299	304	6	Sitehelp Latitude (DDMMSS)
SHLNG	305	311	7	Sitehelp Longitude (DDDMMSS)
SHMILES	312	318	7.2	Sitehelp Miles
SHNME	319	328	10	Sitehelp Source Name
SHPCT	329	335	7.2	Sitehelp Percent of Reach Miles
SITE	336	337	2	Site Location
SRC	338	340	3	Sitehelp Source Code
STCTY	341	345	5	State/County Numeric Code
SVTEN	346	352	7.2	USGS 7-10 Year Flow
BEG_WYR	353	356	4	Beginning Water Year
END_WYR	357	359	4	Ending Water Year
ELEV	361	368	8.2	Elevation (Feet)
WELL_DP	369	376	8.2	Well Depth (Feet)

The following table provides the DBASE III+ database field structures for the Water Impoundment database. As this file is geo-referenced, it should import easily into the park's Geographic Information System.

Water Impoundment File: ROMODAMS.DBF in ROMOSITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
SITEID	1	7	7	Site Identifier
SOURCE	8	10	3	Source of Data
ST1	11	12	2	Primary State Code Abbreviation
STCTY1	13	17	5	State/County Numeric Code
NAME	18	47	30	Official Name of Dam
LATITUDE	48	53	6	Facility Latitude (DDMMSS)
LONGITUDE	54	60	7	Facility Longitude (DDDMMSS)
LAT	61	70	10.6	Facility Latitude (decimal degrees, (-) below equator)
LON	71	81	11.6	Facility Longitude (decimal degrees, (-) west. hem.)
INME	82	111	30	Impoundment Name
RNME	112	139	28	River, Stream, or Tributary Name on Which Dam Built
CUSEGMI	140	149	10	Catalog Unit, Segment, and Segment Length
REGN	150	151	2	Water Resources Council Region Code
RGBSN	152	155	4	Water Resources Region/Basin Code
CU	156	163	8	Catalog Unit
SEG	164	166	3	Reach Segment of Dam
SEGL	167	171	5.2	Reach Segment Length
PURP	172	172	1	Major Purpose of Dam
				I=Irrigation
				H=Hydroelectric
				N=Navigation
				S=Water Supply
				R=Recreation
				P=Stock/Farm Pond
				D=Debris Control
				F=Flood Control

Water Impoundment File: ROMODAMS.DBF in ROMOSITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
				O=Other
FRF3	173	189	17	RF3 Reach Number Location
FRF3MI	190	194	5	Mile Point on RF3 Reach
PURPKEY	195	195	1	Purpose Key
PUR2	196	196	1	Purpose of Dam 2 (See Above)
PUR3	197	197	1	Purpose of Dam 3 (See Above)
PUR4	198	198	1	Purpose of Dam 4 (See Above)
PUR5	199	199	1	Purpose of Dam 5 (See Above)
PUR6	200	200	1	Purpose of Dam 6 (See Above)
PUR7	201	201	1	Purpose of Dam 7 (See Above)
PUR8	202	202	1	Purpose of Dam 8 (See Above)
PUR9	203	203	1	Purpose of Dam 9 (See Above)
PUR10	204	204	1	Purpose of Dam 10 (See Above)
TYPDAM	205	206	2	Major Dam Portion Type
				RE=Earth
				VA=Vaulted Arch
				CD=Buttress
				PG=Gravity
				ER=Rockfill
				MV=Multi-Arch
				OT=Other
YRCMP	207	210	4	Year Dam Completed
SHGT	211	214	4	Structural Height (Feet)
HHGT	215	218	4	Hydraulic Height (Feet)
VNORM	219	236	8	Normal Storage of Impoundment (Acre-Feet)
VMAX	227	234	8	Maximum Storage of Impoundment (Acre-Feet)
LCRST	235	239	5	Crest Length of Dam (Feet)
TSPL	240	240	1	Spillway Type
				C=Controlled

Water Impoundment File: ROMODAMS.DBF in ROMOSITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
				U=Uncontrolled
				N=None
				X=Unknown
WSPL	241	244	4	Dam Spillway Width (Feet)
QMAX	245	251	7	Maximum Spillway Discharge (CFS)
PINS	252	258	7.2	Quantity of Installed Power (Megawatts)
PPRO	259	265	7.2	Quantity of Proposed Power (Megawatts)
LOCK	266	266	1	Number of Navigational Locks
OWNR	267	290	24	Name of Impoundment Owner
PFOWN	291	291	1	Ownership Code
				N=Non-Federal
				G=Federal Government Agency
				C=Corps of Engineers
				X=Unknown
FEDR	292	292	1	Federally Regulated (Y=Yes, N=No, X=Unknown)
FLND	293	293	1	Private Dam on Federal Land (Y=Yes, N=No, X=Unknown)
SCSA	294	294	1	Type of Soil Conservation Service Assistance
				N=No Assistance
				T=Technical Assistance
				F=Financial Assistance
				B=Both Technical and Financial Assistance
				X=Unknown
DHAZ	295	295	1	Degree of Downstream Hazard
				1=High (More than a Few Lives Lost; Excessive Economic Loss)
				2=Significant (A Few Lives Lost; Appreciable Economic Loss)
				3=Low (No Lives Expected Lost; Minimal Economic Loss)
DCITY	296	319	24	Nearest Downstream City

Water Impoundment File: ROMODAMS.DBF in ROMOSITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
POP	320	326	7	Population of Downstream City
DMILE	327	331	5.2	Distance of Downstream City From Dam (Miles)
RET	332	342	11.2	Retention Coefficient (Dimensionless)
MIX	343	353	11.2	Mixing Coefficient (Dimensionless)
SAREA	354	361	8	Surface Area of Impoundment (Acres)
SAFLG	362	362	1	Surface Area Flag (C=Calc., M=Measured, O=Other)
ILNTH	363	367	5	Length of Impoundment (Feet)
ILFLG	368	368	1	Impoundment Length Flag (C=Calc., M=Measured, O=Other)
UPKEY	369	374	6	Update Key (YYMMDD)

The following table provides the ASCII and DBASE III+ database field structures for the EPA River Reach File Ver. 3.0 (1:100,000 scale hydrography) attributes. The actual numeric file names will vary depending on the catalog unit(s). This information can be readily incorporated into the park's Geographic Information System.

RF3 Structure File: 12345678.RF3 and 12345678.DBF in ROMORF3.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
CATUNIT	1	8	8	Cataloging Unit (CU)
SEGM	9	12	4	Segment Number (SEG)
MI	13	17	5.2	Mile Point (MI)
UPMI	18	22	5.2	Upstream Mile Pt.
SEQNO	23	33	11.6	Hydro Sequence No.
RFLAG	34	34	1	Reach Flag (0,1)
OWFLAG	35	35	1	Open Water Flag (0,1)
TFLAG	36	36	1	Terminal Flag (0,1)
SFLAG	37	37	1	Start Flag (0,1)
RCHTYPE	38	38	1	Reach Type Code
LEV	39	40	2	Stream Level
JUNC	41	42	2	Level of Downstream Reach
DIVERGENCE	43	43	1	Divergence Code
STARTCU	44	51	8	Start CU
STRTSG	52	55	4	Start SEG
STOPCU	56	63	8	Stop CU
STOPSG	64	67	4	Stop SEG
USDIR	68	68	1	Upstream Direction
TERMID	69	73	5	Terminal Stream ID
TRMBLV	74	74	1	Terminal Base Level
PNAME	75	104	30	Primary Name
PNMCD	105	115	11	Primary Name Code
CNAME	116	145	30	Complement Name
CNMCD	146	156	11	Complement Name Code

RF3 Structure File: 12345678.RF3 and 12345678.DBF in ROMORF3.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
OWNAME	157	186	30	Open Water Name
OWNMCD	187	197	11	Open Water Name Code
DSCU	198	205	8	Downstream CU
DSSEG	206	209	4	Downstream SEG
DSMI	210	214	5.2	Downstream MI
CCU	215	222	8	Complement CU
CSEG	223	226	4	Complement SEG
CMILE	227	231	5.2	Complement MI
CDIR	232	232	1	Complement Direction
ULCU	233	240	8	Upstream Left CU
ULSEG	241	244	4	Upstream Left SEG
ULMI	245	249	5.2	Upstream Left MI
URCU	250	257	8	Upstream Right CU
URSEG	258	261	4	Upstream Right SEG
URMI	262	266	5.2	Upstream Right MI
SEGL	267	272	6.2	Reach Length (Miles)
RFORGFLAG	273	273	1	RF Orgin flag(1,2,3)
ALTPNMCD	274	281	8	Alt. Primary Name Code
ALTOWNMC	282	289	8	Alt. OW Name Code
DLAT	290	297	8.4	Downstream Latitude
DLONG	298	305	8.4	Downstream Longitude
ULAT	306	313	8.4	Upstream Latitude
ULONG	314	321	8.4	Upstream Longitude
MINLAT	322	329	8.4	Minimum Latitude
MINLONG	330	337	8.4	Minimum Longitude
MAXLAT	338	345	8.4	Maximum Latitude
MAXLONG	346	353	8.4	Maximum Longitude
NDLGREC	354	357	4	No. of DLG Records
LL1KEY1	358	367	10	Starting DLG LL Key1

RF3 Structure File: 12345678.RF3 and 12345678.DBF in ROMORF3.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
LL2KEY1	368	377	10	Ending DLG LL Key1
LL1KEY2	378	387	10	Starting DLG LL Key2
LL2KEY2	388	497	10	Ending DLG LL Key2
LL1KEY3	398	407	10	Starting DLG LL Key3
LL2KEY3	408	417	10	Ending DLG LL Key3
LL1KEY4	418	427	10	Starting DLG LL Key4
LL2KEY4	428	437	10	Ending DLG LL Key4
LL1KEY5	438	447	10	Starting DLG LL Key5
LL2KEY5	448	457	10	Ending DLG LL Key5
LL1KEY6	458	467	10	Starting DLG LL Key6
LL2KEY6	468	477	10	Ending DLG LL Key6
LL1KEY7	478	487	10	Starting DLG LL Key7
LL2KEY7	488	597	10	Ending DLG LL Key7
LL1KEY8	498	507	10	Starting DLG LL Key8
LL2KEY8	508	517	10	Ending DLG LL Key8
LL1KEY9	518	527	10	Starting DLG LL Key9
LL2KEY9	528	537	10	Ending DLG LL Key9
LL1KEY10	538	547	10	Start DLG LL Key 10
LL2KEY10	548	557	10	Ending DLG LL Key10
LN1AT2	558	561	4	DLG Line Attr. 1
LN2AT2	562	565	4	DLG Line Attr. 2
AREA1	566	569	4	DLG Area ID 1
AREA2	570	573	4	DLG Area ID 2
AR1AT2	574	577	4	DLG Area Attribute
AR1AT4	578	581	4	DLG Area Attribute
AR2AT2	582	585	4	DLG Area Attribute
AR2AT4	586	589	4	DLG Area Attribute
UPDATE1	590	595	6	Update Date #1 (mmddyy)
UPDTCD1	596	603	8	Update Type Code #1

RF3 Structure File: 12345678.RF3 and 12345678.DBF in ROMORF3.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
UPDTSRC1	604	611	8	Update Source #1
UPDATE2	612	617	6	Update Date #2 (mmddyy)
UPDTCD2	618	625	8	Update Type Code#2
UPDTSRC2	626	633	8	Update Source #2
UPDATE3	634	639	6	Update Date #3 (mmddyy)
UPDTCD3	640	647	8	Update Type Code #3
UPDTSRC3	648	655	8	Update Source #3
DIVCU	656	663	8	Divergent CU
DIVSEG	664	667	4	Divergent SEG
DIVMILE	668	672	5.2	Divergent MI
DLGID	673	678	6	DLG Number Special Use For Internal State Codes
FILLER	678	685	7	Filler: Future Use

Note: The structure for the .DBF file varies slightly from the RF3 structure displayed here in that the fields UPDATE1, UPDATE2, and UPDATE3 have a width of 8 and the last two fields, DLGID and FILLER, have been replaced with a field named ID of length 17. This ID field combines the CATUNIT, SEGM, and MI fields.

The following table provides the ASCII database field structures for the EPA River Reach File Ver. 3.0 (1:100,000 scale hydrography) traces. The actual numeric file names will vary depending on the catalog unit(s). This file contains the actual hydrographic network and is suitable for conversion into a variety of Geographic Information System formats.

RF3 Trace File: 12345678.TRC in ROMORF3.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
(Header Record)				
CATUNIT	1	8	8	Cataloging Unit
SEGM	9	12	4	Segment Number
MI	13	17	5.2	Mile Point
NPTS	18	21	4	Number of Lat/Lon Coordinates
(Coordinate Record)				
LATITUDE	1	8	8.4	Latitude in Decimal
LONGITUDE	9	16	8.4	Longitude in Decimal
FILLER	17	21	5	

The following table provides the ASCII database field structures for the EPA River Reach File Ver. 3.0 (1:100,000 scale hydrography) catalog unit boundary file. The actual numeric file names will vary depending on the catalog unit(s). This file contains the actual catalog unit boundary and is suitable for conversion into a variety of Geographic Information System formats.

Catalog Unit Boundary File: 12345678.CUB in ROMORF3.ZIP
First Line = Catalog Unit Number (8 Characters)
Subsequent Lines:
L=DDMMSS,L=DDDMMSS,L=DDMMSS,L=DDDMMSS,L=DDMMSS,L=DDDMMSS, ...
Example:
02070010
L=391259,L=0770809,L=391220,L=0770749,L=391147,L=0770715,L=391120,L=0770633,
L=391058,L=0770535,L=391042,L=0770520,L=391016,L=0770427,L=390948,L=0770416,
L=390526,L=0765331,L=390500,L=0765149,L=390456,L=0765139,L=390357,L=0765123,
...
L=390744,L=0771007,L=390826,L=0771022,L=390910,L=0771022,L=390950,L=0771003,
L=391107,L=0770922,
There can be as many as four latitude/longitude pairs per line.

The following table provides the DBASE III+ database field structure of the Water Resources Division's "encyclopedia" file that documents the minimum and maximum parameter values found and the park(s) where they occurred. This file is intended for Water Resources Division internal use, but will be available to anyone upon request after Baseline Water Quality Data Inventory and Analysis reports have been completed for all parks.

Encyclopedia File: WRD File For Internal Use Only				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
PARM	1	5	5	STORET Parameter Code
PARMNAME	6	45	40	Parameter Name
MINVAL	46	61	16.7	Minimum Value
MINVALPARK	62	65	4	Park Unit with Minimum Value
MAXVAL	66	71	16.7	Maximum Value
MAXVALPARK	72	75	4	Park Unit with Maximum Value

Appendix C

STORET Water Quality Control/Edit Checking

The following table provides the high and low values used by STORET since November 1983 for 190 common water quality parameters to screen or error check data. Data entered into STORET prior to November 1983, however, were not subjected to this edit/bounds check. Additionally, data from the USGS WATSTORE system that is loaded into STORET is never subjected to these edit criteria and agencies entering data in STORET can override these edit criteria to enter data values that fall outside a range. As a consequence, all data downloaded from STORET for the purposes of this project were filtered through these edit criteria to document values outside the generally accepted ranges. Decisions were then made on a case-by-case basis to retain or discard obviously incorrect data. Refer to the Water Quality Observations Outside STORET Edit Criteria section of the Interpretive Guide To Water Quality Results chapter for more information on this subject.

STORET Code	STORET Parameter Description	High Value	Low Value
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	37.0	-2.0
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	98.0	31.0
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	52.0	-40.0
00021	TEMPERATURE, AIR (DEGREES FAHRENHEIT)	125.0	-40.0
00026	TOXICS-IDENTIFY DATA COLLECTION BY EPA DIRECTIVE	1990.9	1977.0
00032	CLOUD COVER (PERCENT)	101.0	0.0
00035	WIND VELOCITY (MILES PER HOUR)	85.0	0.0
00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	361.0	0.0
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	15.0	0.0
00070	TURBIDITY, (JACKSON CANDLE UNITS)	1500.0	0.0
00074	TURBIDITY, TRANSMISSOMETER, PERCENT TRANSMISSION	101.0	0.0
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	500.0	0.0
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	1000.0	0.0
00077	TRANSPARENCY, SECCHI DISC (INCHES)	600.0	0.0
00080	COLOR (PLATINUM-COBALT UNITS)	500.0	0.0
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	500.0	0.0
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	250.0	0.0
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	60000.0	1.0
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	60000.0	1.0
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE (MG/L)	30.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
00300	OXYGEN, DISSOLVED (MG/L)	30.0	0.0
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION%	200.0	0.0
00310	BOD, 5 DAY, 20 DEG C (MG/L)	150.0	0.0
00335	COD, .025N K2CR2O7 (MG/L)	1000.0	0.0
00340	COD, .25N K2CR2O7 (MG/L)	1000.0	0.0
00365	CHLORINE DEMAND, 15 MINUTE (MG/L)	15.0	0.0
00400	PH (STANDARD UNITS)	12.0	0.9
00403	PH, LAB, STANDARD UNITS, (STANDARD UNITS)	12.0	0.9
00405	CARBON DIOXIDE (MG/L AS CO2)	100.0	0.0
00406	PH, FIELD (STANDARD UNITS)	12.0	0.9
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	1000.0	0.0
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	750.0	0.0
00435	ACIDITY, TOTAL (MG/L AS CACO3)	1000.0	0.0
00436	ACIDITY, MINERAL (METHYL ORANGE) (MG/L AS CACO3)	1000.0	0.0
00437	ACIDITY, CO2 (PHENOLPHTHALEIN) (MG/L AS CACO3)	750.0	0.0
00440	BICARBONATE ION (MG/L AS HCO3)	450.0	0.0
00445	CARBONATE ION (MG/L AS CO3)	100.0	0.0
00480	SALINITY - PARTS PER THOUSAND	40.0	0.0
00500	RESIDUE, TOTAL (MG/L)	15000.0	0.0
00505	RESIDUE, TOTAL VOLATILE (MG/L)	10000.0	0.0
00510	RESIDUE, TOTAL FIXED (MG/L)	10000.0	0.0
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C), (MG/L)	20000.0	0.0
00520	RESIDUE, VOLATILE FILTRABLE (MG/L)	10000.0	0.0
00525	RESIDUE, FIXED FILTRABLE (MG/L)	10000.0	0.0
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10000.0	0.0
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10000.0	0.0
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	10000.0	0.0
00545	RESIDUE, SETTLEABLE (ML/L)	1000.0	0.0
00546	RESIDUE, SETTLEABLE (MG/L)	1000.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC., (MG/L)	250.0	0.0
00600	NITROGEN, TOTAL (MG/L AS N)	100.0	0.0
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	15.0	0.0
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	25.0	0.0
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	20.0	0.0
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	5.0	0.0
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	50.0	0.0
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	50.0	0.0
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	55.0	0.0
00635	NITROGEN, AMMONIA & ORG., TOTAL 1 DET (MG/L AS N)	70.0	0.0
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	30.0	0.0
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	30.0	0.0
00655	PHOSPHATE, POLY (MG/L AS PO4)	30.0	0.0
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	30.0	0.0
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10.0	0.0
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10.0	0.0
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	100.0	0.0
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	100.0	0.0
00685	CARBON, TOTAL INORGANIC (MG/L AS C)	100.0	0.0
00690	CARBON, TOTAL (MG/L AS C)	150.0	0.0
00720	CYANIDE, TOTAL (MG/L AS CN)	10.0	0.0
00745	SULFIDE, TOTAL (MG/L AS S)	1500.0	0.0
00746	SULFIDE, DISSOLVED (MG/L AS S)	1500.0	0.0
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	150.0	0.0
00900	HARDNESS, TOTAL (MG/L AS CACO3)	5000.0	0.0
00910	CALCIUM (MG/L AS CACO3)	3000.0	0.0
00915	CALCIUM, DISSOLVED (MG/L AS CA)	1000.0	0.0
00916	CALCIUM, TOTAL (MG/L AS CA)	1000.0	0.0
00920	MAGNESIUM (MG/L AS CACO3)	3000.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	1000.0	0.0
00927	MAGNESIUM, TOTAL (MG/L AS MG)	1000.0	0.0
00929	SODIUM, TOTAL (MG/L AS NA)	5000.0	0.0
00930	SODIUM, DISSOLVED (MG/L AS NA)	5000.0	0.0
00931	SODIUM ADSORPTION RATIO	50.0	0.0
00935	POTASSIUM, DISSOLVED (MG/L AS K)	175.0	0.0
00937	POTASSIUM, TOTAL MG/L AS K)	175.0	0.0
00940	CHLORIDE, TOTAL IN WATER, (MG/L)	22000.0	0.0
00945	SULFATE, TOTAL (MG/L AS SO4)	2500.0	0.0
00946	SULFATE, DISSOLVED (MG/L AS SO4)	2500.0	0.0
00950	FLUORIDE, DISSOLVED (MG/L AS F)	15.0	0.0
00951	FLUORIDE, TOTAL (MG/L AS F)	15.0	0.0
00955	SILICA, DISSOLVED (MG/L AS SI02)	2000.0	0.0
00956	SILICA, TOTAL (MG/L AS SI02)	2000.0	0.0
01000	ARSENIC, DISSOLVED (UG/L AS AS)	5000.0	0.0
01002	ARSENIC, TOTAL (UG/L AS AS)	5000.0	0.0
01005	BARIUM, DISSOLVED (UG/L AS BA)	2000.0	0.0
01007	BARIUM, TOTAL (UG/L AS BA)	2000.0	0.0
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	2000.0	0.0
01012	BERYLLIUM, TOTAL (UG/L AS BE)	2000.0	0.0
01020	BORON, DISSOLVED (UG/L AS B)	5000.0	0.0
01022	BORON, TOTAL (UG/L AS B)	5000.0	0.0
01025	CADMIUM, DISSOLVED (UG/L AS CD)	500.0	0.0
01027	CADMIUM, TOTAL (UG/L AS CD)	500.0	0.0
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	2000.0	0.0
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	2000.0	0.0
01033	CHROMIUM, TRI-VAL (UG/L AS CR)	2000.0	0.0
01034	CHROMIUM, TOTAL (UG/L AS CR)	2000.0	0.0
01040	COPPER, DISSOLVED (UG/L AS CU)	2000.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
01042	COPPER, TOTAL (UG/L AS CU)	5000.0	0.0
01045	IRON, TOTAL (UG/L AS FE)	56000.0	0.0
01046	IRON, DISSOLVED (UG/L AS FE)	56000.0	0.0
01047	IRON, FERROUS (UG/L AS FE)	56000.0	0.0
01049	LEAD, DISSOLVED (UG/L AS PB)	1000.0	0.0
01051	LEAD, TOTAL (UG/L AS PB)	1000.0	0.0
01055	MANGANESE, TOTAL (UG/L AS MN)	5000.0	0.0
01056	MANGANESE, DISSOLVED (UG/L AS MN)	5000.0	0.0
01065	NICKEL, DISSOLVED (UG/L AS NI)	2000.0	0.0
01067	NICKEL, TOTAL (UG/L AS NI)	2000.0	0.0
01075	SILVER, DISSOLVED (UG/L AS AG)	5000.0	0.0
01077	SILVER, TOTAL (UG/L AS AG)	5000.0	0.0
01090	ZINC, DISSOLVED (UG/L AS ZN)	25000.0	0.0
01092	ZINC, TOTAL (UG/L AS ZN)	25000.0	0.0
01105	ALUMINUM, TOTAL (UG/L AS AL)	20000.0	0.0
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	20000.0	0.0
01145	SELENIUM, DISSOLVED (UG/L AS SE)	100.0	0.0
01501	ALPHA, TOTAL	200.0	0.0
01503	ALPHA, DISSOLVED	75.0	0.0
01505	ALPHA, SUSPENDED	150.0	0.0
03501	BETA, TOTAL	3500.0	0.0
03503	BETA, DISSOLVED	3000.0	0.0
03505	BETA, SUSPENDED	1500.0	0.0
09503	RADIUM 226, DISSOLVED	500.0	0.0
13501	STRONTIUM 90, TOTAL	500.0	0.0
22703	URANIUM, NATURAL, DISSOLVED	500.0	0.0
31501	COLIFORM, TOT,MEMBRANE FILTER,IMMED.M-ENDO MED, 35C	24000000.0	0.0
31502	COLIFORM, TOTAL, 10/ML	24000000.0	0.0
31503	COLIFORM, TOT,MEMBR FILTER, DELAYED,M-ENDO MED, 35C	24000000.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
31504	COLIFORM, TOT,MEMBR FILTER,IMMED,LES ENDO AGAR, 35C	24000000.0	0.0
31613	FECAL COLIFORM, MEMBR FILTER, M-FC AGAR,44.5C, 24HR	10000000.0	0.0
31615	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	10000000.0	0.0
31616	FECAL COLIFORM, MEMBR FILTER,M-FC BROTH, 44.5C	10000000.0	0.0
31672	FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C48HR	500000.0	0.0
31673	FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	500000.0	0.0
31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	500000.0	0.0
31679	FECAL STREPTOCOCCI, MF M-ENTEROCOCCUS AGAR,35C,48H	500000.0	0.0
31749	PLATE COUNT, TOTAL, TPC AGAR, 20C, 48 HRS	99999999.0	0.0
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	99999999.0	0.0
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	500.0	0.0
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	750.0	0.0
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	1000.0	0.0
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	200.0	0.0
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	500.0	0.0
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	200.0	0.0
32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	2.0	0.0
32221	CHLOROPHYLL A,% OF(PHEOPHYTIN A+CHL A),SPEC-ACID.	101.0	0.0
32230	CHLOROPHYLL A (MG/L)	0.5	0.0
32231	CHLOROPHYLL B (MG/L)	0.8	0.0
32232	CHLOROPHYLL C (MG/L)	0.2	0.0
32234	CHLOROPHYLL, TOTAL (A+B+C) (MG/L)	1.0	0.0
32270	CHLOROFORM EXTRACTABLES TOTAL IN MG PER LITER	5.0	0.0
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	1500.0	0.0
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	10.0	0.0
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39340	GAMMA-BHC(LINDANE),WHOLE WATER, (UG/L)	20.0	0.0
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER, (UG/L)	20.0	0.0
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	5.0	0.0
60050	ALGAE, TOTAL (CELLS/ML)	700000.0	0.0
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), (MG/L)	4000.0	0.0
70505	PHOSPHATE, TOTAL,COLORIMETRIC METHOD (MG/L AS P)	10.0	0.0
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10.0	0.0
71850	NITRATE NITROGEN, TOTAL (MG/L AS NO3)	65.0	0.0
71886	PHOSPHORUS, TOTAL, AS PO4 - (MG/L)	30.0	0.0
71890	MERCURY, DISSOLVED (UG/L AS HG)	10.0	0.0
71895	MERCURY, SUSPENDED (UG/L AS HG)	10.0	0.0
71900	MERCURY, TOTAL (UG/L AS HG)	10.0	0.0
74010	IRON, TOTAL (MG/L AS FE)	56000.0	0.0

Appendix D

STORET Administrative Parameters

STORET Code	Description of STORET Administrative Parameters
00022	LENGTH OF EXPOSURE OF SAMPLE OR TEST - DAYS
00026	TOXICS-IDENTIFY DATA COLLECTION BY EPA DIRECTIVE
00027	CODE NO FOR AGENCY COLLECTING SAMPLE
00028	CODE NO FOR AGENCY ANALYZING SAMPLE
00029	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE
00063	SAMPLING POINTS, NUMBER OF IN A CROSS SECTION
00073	SAMPLE LOC CODE DEFINED BY THERMAL STRUCT & DEPTH
00111	RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI
00115	SAMPLE TREATMENT CODE (1=RAW,2=TREATED)
00116	INTENSIVE SURVEY IDENTIFICATION NUMBER
00145	TOTAL PRODUCTION OF PRODUCT MANUFACTURED TONS/DAY
01273	TOTAL ACID PRIORITY POLLUTANTS MG/L
01274	TOTAL BASE-NEUTRAL PRIORITY POLLUTANTS MG/L
01275	TOTAL VOLATILE PRIORITY POLLUTANTS MG/L
01365	ANALYSIS DATE (DIOXIN) (YYMMDD)
04177	SAMPLE STABILIZATION, RECOVERY TEST CODE
04178	FIELD PROTOCOL(CONFDNCE ASSIGNED FIELD SAMPLE) CODE
04179	SAMPLE STATION LOCKED CODE
04180	CONDITION OF STATION SITE CODE
04181	LABORATORY QA/QC PLAN CONFIDENCE CODE
04182	SAMPLE TYPE CODE
04183	SAMPLE REMARKS CODE
30333	BAG MESH SIZE, BEDLOAD SAMPLER, MM
34772	NPDES NUMBER, CROSS REFERENCE CODE
34785	GAGE TYPE, METHOD CODE

STORET Code	Description of STORET Administrative Parameters
45575	GC MAKE AND MODEL INFORMATION CODE
45576	GC DETECTOR TYPE CODE
45577	GC COLUMN TYPE CODE
45580	METHOD OF ANALYSIS CODE
45581	LABORATORY LOCATION CODE
46107	SAMPLE LOCATION CODE (TREATMENT PLANT OPERATION)
46390	TOXICITY CHARACTERISTIC LEACHING PROCEDURE P OR F
46396	PROCESS TO SIGNIFICANTLY REDUCE PATHOGENS YES OR NO
46397	PROCESS TO FURTHER REDUCE PATHOGENS YES OR NO
47001	PERMIT EXPIRATION DATE (JULIAN CALENDAR)
47044	OBSERVATIONS,WASTE SITE-SEVERITY OF PROBLEMS CODE
47460	SUBSAMPLE - DECIMAL FRACTION OF WHOLE NUMBER
47477	COMPOSITION AND/OR DISPOSITION OF CATCH NUM CODE
70231	CURRENT DIRECTION (DEGREES FROM DOWNSTREAM FLOW)
71999	SAMPLE PURPOSE CODE
72032	NUMBER OF SPILLWAY GATES OPEN
73672	DATE OF ANALYSIS YYMMDD
73673	DATE OF EXTRACTION YYMMDD
74031	GRANT, PROJECT COST ELIGIBLE FOR CONSTRUCTION
74032	GRANT, AMOUNT OF PL 660 GRANT FOR THIS PROJECT
74033	GRANT, FEDERAL, OTHER THAN PL 660 GRANT
74034	GRANT, FUTURE PL 660 WHICH MAY APPLY TO THIS PROJ
74035	GRANT, TOTAL FEDERAL, WHICH APPLIES TO THIS PROJ
74036	GRANT, PROJ NUMBER ASSIGNED TO THIS APPLICATION
74037	GRANT, TYPE OF PROJECT TO WHICH GRANT APPLIES
74038	GRANT, STATUS OF PROJECT TO WHICH GRANT APPLIES
74039	PCS/STORET WATER QUALITY FILE INTERFACE YR/MO/DAY
74040	SURVEY NUMBER YYMMNO
74041	STORET STORAGE TRANSACTION DATE YR/MO/DAY

STORET Code	Description of STORET Administrative Parameters
74050	RADIOACTIVITY, GENERAL (PERMIT)
74051	ALGICIDES, GENERAL (PERMIT)
74052	CHLORINATED HYDROCARBONS, GENERAL (PERMIT)
74053	PESTICIDES, GENERAL (PERMIT)
74056	COLIFORM, TOTAL, GENERAL (PERMIT)
74065	STREAM FLOW CLASS
74066	ANNUAL RUNOFF
74067	SOIL CLASSIFICATION
74068	WATER QUALITY DESIGNATED USE CLASSIFICATION (IA)
74100	PRIMARY 1972 SIC CODE
74101	SECONDARY 1972 SIC CODE
74102	SECONDARY 1972 SIC CODE
74103	SECONDARY 1972 SIC CODE
74200	SAMPLE PRESERVATION METHODS ONE OR MORE IN COMB.
74205	LAND RESOURCE AREA (IOWA)
74206	SOIL EROSION POTENTIAL (IOWA)
74209	WATER QUALITY INDEX - STATE OF ILLINOIS, EPA
74210	FOREST STREAM WATER QUALITY INDEX CALC. NUMBER
74990	FISH SPECIES NUMERIC CODE - F&W SERVICE
74995	ANATOMY CODE
75000	SPECIES CODE-REMARK=SEX (M=MALE,F=FEMALE,U=UNK.)
81028	WITHDRAWAL OF GROUNDWATER (MILLION GAL/DAY)
82258	WATER CLASSIFICATION CODE (1-9) CODE
82292	DATA RELAY GROUND STATION SOURCE NODE CODE, CODE
82309	CONTAMINATION SOURCE POSSIBLE CODES NUMERIC CODE
82310	DEPTH CONFIDENCE IN REPORTED VALUES NUMERIC CODES
82373	FREQUENCY OF SAMPLING M=MON,Q=QUAR,Y=YR,R=RNFFCODE
82519	DRILLER REGISTRATION NUMBER ALPHA-NUMERIC CODE
82562	NARRATIVE REQUIREMENT EXCEEDANCES INTEGER

STORET Code	Description of STORET Administrative Parameters
82576	DAILY EXCURSION TIME, WATER MIN
82577	MONTHLY EXCURSION TIME, WATER TOTAL MIN
82578	DAY/MAXIMUM EXCURSION TIME, WATER MIN
82579	CODE NUMBER FOR PERSON COLLECTING SAMPLE
84002	CODE, GENERAL INFORMATION - ALPHA, NUMERIC CODE
84003	WATER SHED ID NUMBER (IOWA)
84005	FISH SPECIES CODE-FISH & WILDLIFE SER
84006	OWNERSHIP CLASSIFICATION OF LAKE, ILLINOIS SYSTEM
84010	PUBLIC ACCESS TO LAKE ILLINOIS SYSTEM
84011	CONFIDENCE CODE FOR GLC CONFIRMATION CODE
84012	PATIENT PARAMETERS (AGE, SEX, WT, ETC.) CODE
84013	SAMPLE PARAMETERS D=DESIGN SPECIMEN, S=SURPLUS
84027	CODE NUMBER FOR AGENCY COLLECTING SAMPLE
84028	CODE NO FOR AGENCY ANALYZING SAMPLE
84029	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE FIELD
84033	EGD ANALYTICAL DATA COMPLETENESS Y=YES N=NO CODE
84034	EGD SMPL NO.(SMPL.IDENT) NUMERIC=SCS ALPH+4NUM=JRB
84035	EGD SAMPLE CLASSIFICATION CATEGORY ALPHA CODE
84036	EGD INDUSTRIAL CATEGORY NUMERIC CODE
84037	EGD INDUSTRIAL CATEGORY NAME ALPHA CODE
84038	EGD LABORATORY NUMERIC CODE
84039	EGD LABORATORY NAME ALPHA CODE
84040	EGD SAMPLE STATUS (1-5,9,AND BLANK) NUMERIC CODE
84041	EGD ACID STATUS (1-5,9,AND BLANK) NUMERIC CODE
84042	EGD BASE STATUS (1-5,9AND BLANK) NUMERIC CODE
84043	EGD PESTICIDE STATUS (1-5,9,AND BLANK) NUMERIC CODE
84044	EGD VOA FRACT. STATUS INDICATOR (1-5,9,BLANK) CODE
84045	EGD ACID EXTRACT DATE (YYMMDD) NUMERIC CODE
84046	EGD BASE EXTRACTION DATE (YYMMDD) NUMERIC CODE

STORET Code	Description of STORET Administrative Parameters
84047	EGD PESTICIDE EXTRACTION DATE (YYMMDD) NUMERIC CODE
84048	EGD VOA FRACTION INJECTION DATE YYMMDD NUMERIC CODE
84049	EGD ACID CONC. FACTOR (FIVE NUMERIC DIGITS) CODE
84050	EGD BASE CONC.FACTOR (FIVE NUMERIC DIGITS) CODE
84051	EGD PESTICIDE CONC.FACTOR (FIVE NUMERIC DIGITS) CODE
84052	EGD VOA FRACTION CONC. FACTOR (5 NUMERIC DIGITS) CODE
84053	SAMPLE TYPE AND FREQUENCY OF COLLECTION CODE
84054	LITHOLOGY ALPHA-NUMERIC CODE
84055	AVAILABLE LOGS ALPHA-NUMERIC CODE
84056	WATER USE CATEGORY ALPHA-NUMERIC CODE
84057	INSPECTION TYPE ALPHA-NUMERIC CODE
84058	HYDROGEOLOGIC SYSTEM ALPHA-NUMERIC CODE
84059	WELL OWNERSHIP ALPHA-NUMERIC CODE
84060	TOPOGRAPHY ALPHA-NUMERIC CODE
84061	WELL USE ALPHA-NUMERIC CODE
84062	MEASURING POINT DESCRIPTION ALPHA-NUMERIC CODE
84063	DRILLING METHOD ALPHA-NUMERIC CODE
84064	WELL DATA AVAILABILITY ALPHA-NUMERIC CODE
84065	PERMIT COMPLIANCE DATA ALPHA-NUMERIC CODE
84067	NATURE OF MONITORING ALPHA-NUMERIC CODE
84073	REPLACES EXISTING WELL ALPHA-NUMERIC CODE
84074	AQUIFER TYPE (SEE USGS HANDBOOK) ALPHA CODE
84075	WELL PERMIT NUMBER ALPHA-NUMERIC CODE
84076	TSD MONITORING WELL TYPE ALPHA CODE
84077	TSD MONITORING WELL SAMPLING METHOD ALPHA CODE
84083	POLLUTION VERIFICATION ALPHA CODE
84084	WELL SAMPLE PURPOSE ALPHA CODE
84090	SAMPLE FILE CONTROL PROJECT IDENTIFICATION A-CODE
84091	INFILTRATION DATE/BEGINNING 'YYMMDD'

STORET Code	Description of STORET Administrative Parameters
84092	INFILTRATION DATE/ENDING 'YYMMDD'
84093	ENFORCEMENT FORM #2-C,DATA IDENTIFICATION CODE
84102	SAMPLE SPECIES-SUB ID ALPHA CODE
84103	DIOXIN LABORATORY ALPHA CODE
84104	DIOXIN STUDY ALPHA CODE
84112	SOURCE OF GEOHYDROLOGIC DATA CODE
84119	SOURCE OF EVACUATION DATA CODE
84121	REGULATING AGENCY CODE
84122	SAMPLE PURPOSE CODE
84126	SOURCE OF DEPTH DATA CODE
84127	METHOD OF DEPTH MEASUREMENT CODE
84128	SOURCE OF WATER-LEVEL DATA CODE
84129	DATA QUALITY
84141	LAKE, PHYSICAL CONDITION AT SAMPLE TIME, 1-5, CODE
84142	LAKE,RECREATIONAL SUITABILITY @ SMPL TIME,1-5, CODE
84164	SAMPLER TYPE, CODE
85300	PROBLEM CODE NES SURVEY
85327	WATER LEVEL AT SAMPLE COLLECTION TIME-CODE-NES
85332	CLOUD COVER AT SAMPLE COLLECTION TIME-CODE-NES
85553	WELL COMPLETION DATE (MONTH/YEAR)
85554	WELL WORKOVER DATE, LATEST (MONTH/YEAR)

Appendix E

STORET Parameters Not Suitable for Statistical Analysis

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
00001	X-SEC. LOC., HORIZ (FT. FROM R BANK LOOK UPSTR.)
00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)
00005	X-SEC. LOC., VERTICAL (PERCENT OF TOTAL DEPTH)
00006	DISTANCE FROM LOCATION IN X MILES
00007	DISTANCE FROM LOCATION IN Y MILES
00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE
00009	X-SEC. LOC.(FT FROM LEFT BANK LOOKING DOWNSTRM)
00027	CODE NO FOR AGENCY COLLECTING SAMPLE
00028	CODE NO FOR AGENCY ANALYZING SAMPLE
00033	WEATHER CODE FOR OCEAN-OBSERV. (WMO CODE 4677)
00037	WIND FORCE (BEAUFORT UNITS)
00038	WIND DIRECTION (WMO CODES 0885 + 0887)
00041	WEATHER (WMO CODE 4501)
00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL
00043	CLOUD TYPE (WMO CODE 0500)
00044	CLOUD AMOUNT (WMO CODE 2700)
00047	TOTAL PARTIAL PRESSURE DISSOLVED GASES (MM HG)
00048	TOTAL PARTIAL PRESSURE DISSOLVED GASES (% SAT)
00049	SURFACE AREA IN SQUARE MILES
00050	EVAPORATION, TOTAL (INCHES PER DAY)
00051	SURFACE AREA IN SQUARE FEET
00053	SURFACE AREA, ACRES
00054	RESERVOIR STORAGE - ACRE FEET
00063	SAMPLING POINTS, NUMBER OF IN A CROSS SECTION
00067	TIDE STAGE

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
00069	SEA WAVES(0=NONE;1=0-3";2=4-20";3=21-48";4=4-8')
00097	SAMPLING STATION LOCATION, VERTICAL (FEET)
00098	SAMPLING STATION LOCATION, VERTICAL (METERS)
00111	RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI
00115	SAMPLE TREATMENT CODE (1=RAW,2=TREATED)
01300	OIL-GREASE (SEVERITY)
01305	DETERGENT SUDS (SEVERITY)
01310	GAS BUBBLES (SEVERITY)
01315	SLUDGE, FLOATING (SEVERITY)
01320	GARBAGE, FLOATING (SEVERITY)
01325	ALGAE, FLOATING MATS (SEVERITY)
01330	ODOR, ATMOSPHERIC (SEVERITY)
01331	TASTE (SEVERITY)
01335	SEWAGE SOLIDS, FRESH, FLOATING (SEVERITY)
01340	FISH, DEAD (SEVERITY)
01345	DEBRIS, FLOATING (SEVERITY)
01350	TURBIDITY (SEVERITY)
01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE
01355	ICE COVER, FLOATING OR SOLID (SEVERITY)
03595	BIOASSAY (96 HR), EFFLUENT, TOTAL CODE
03596	BIOASSAY (48 HR), EFFLUENT, TOTAL CODE
03597	BIOASSAY (24 HR), EFFLUENT, TOTAL CODE
03598	TOXICITY, EFFLUENT, TOTAL CODE
03599	TOXICITY, CHOICE OF SPECIES, EFFLUENT CODE
03600	TOXICITY, TROUT, EFFLUENT, TOTAL CODE
03601	TOXICITY, SAND DOLLAR, EFFLUENT CODE
03602	BIOCHEMICAL OXYGEN DEMAND, EFFLUENT, TOTAL CODE
03603	SOLIDS, TOTAL SUSPENDABLE, EFFLUENT, TOTAL CODE
03605	FLOW METER CALIBRATION, WATER CODE

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
03717	ONCORHYNCHUS MYKISS, WATER CODE
04117	TETHER LINE USED FOR COLLECTING SAMPLE CODE
04160	HALOCARBONS, PURGEABLE, SCAN, EFFLUENT CODE
04161	HALOCARBONS, PURGEABLE, SCAN, SLUDGE CODE
04162	AROMATIC, PURGEABLE, SCAN, EFFLUENT CODE
04163	AROMATIC, PURGEABLE, SCAN, SLUDGE CODE
04164	PHENOLIC, TOTAL, SCAN, EFFLUENT CODE
04165	PHENOLIC, TOTAL, SCAN, SLUDGE CODE
04166	PCB, TOTAL, SCAN, EFFLUENT CODE
04167	PCB, TOTAL, SCAN, SLUDGE CODE
04174	FREE LIQUIDS IN SEWAGE SLUDGE CODE
34765	AVIAN NUMERICAL SPECIES CODE (BIRDS)
34766	MAMMALIAN NUMERICAL SPECIES CODE
34771	MACROPHYTE, INSTREAM, VISUAL SIGHTING CODE
34773	ODOR, AMBIENT WATER CODE
34774	FISH, INSTREAM, VISUAL SIGHTING CODE
34775	STREAMBANK CHANNEL ALTERATIONS CODE
34776	HYDRAULIC STRUCTURES, INSTREAM CODE
34780	LAND USE, ADJACENT STREAM CODE
34781	SAMPLE POINTS, # OF LONGTDNL TRANSECTS, REACH CODE
34782	STREAM STAGE TREND CODE
34789	HABITATS, TYPES SAMPLED CODE
45613	FLOATING SOLIDS/VISIBLE FOAM, VISUAL, YES=1, NO=0, CODE
45614	SANITARY WASTE DISCHARGE ASSESSMENT, YES=1, NO=0, CODE
45615	INTERMITTENT DISCHARGE ASSESSMENT, YES=1, NO=0,CODE
46001	WATER APPEARANCE CODE (BASED ON FIELD ASSESSMENT)
46478	EQUIPMENT INSPECTION, VISUAL CODE
46486	TOXICITY,ACUTE 24HR(STATIC)CERIODAPHNIA (P/F) CODE
47454	FLOW METER REVOLUTIONS NUMBER

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
47455	LATITUDE, STARTING, OF A SAMPLE TOW DDMMSS
47456	LONGITUDE, STARTING, OF A SAMPLE TOW DDDMMSS
47457	LATITUDE, FINISHING, OF A SAMPLE TOW DDMMSS
47458	LONGITUDE, FINISHING, OF A SAMPLE TOW DDDMMSS
47459	LENGTH FREQUENCY NUMBER
47461	TIME THAT THE EQUIPMENT WAS SAMPLING MINUTES
47476	DIRECTION OF TOW IN RELATION TO CURRENT NUM CODE
50044	HYDROGRAPH LIMB, 1BASE, 2RISING, 3PEAK, 4FALLING, CODE
61390	DIATOMS,FIRST DOMINANT SPECIES OF UNITS - CODE
61391	DIATOMS,SECOND DOMINANT SPECIES OF UNITS - CODE
61392	DIATOMS,THIRD DOMINANT SPECIES OF UNITS - CODE
61393	DIATOMS,FOURTH DOMINANT SPECIES OF UNITS - CODE
70220	WAVE DIRECTION (WMO CODES 0885 + 0887)
70222	WAVE HEIGHT (WMO CODE 1555)
70223	WAVE PERIOD (WMO CODE 3155)
71090	BIVALVE SPECIES CODE
71500	EQUITABILITY INDEX,BENTHIC MACROINVER CODE
72000	ELEVATION OF LAND SURFACE DATUM (FT. ABOVE MSL)
72001	DEPTH, TOTAL OF HOLE (FT BELOW LAND SURFACE DATUM)
72002	DEPTH TO TOP OF WATER-BEARING ZONE SAMPLED (FT)
72003	DEPTH TO BOTTOM OF WATER-BEARING ZONE SAMPLED (FT)
72004	PUMP OR FLOW PERIOD PRIOR TO SAMPLING MINUTES
72005	SAMPLE SOURCE CODE (BM WELL DATA)
72006	SAMPLING CONDITION CODE (BM WELL DATA)
72007	FORMATION NAME CODE (BM WELL DATA)
72017	SERIES CODE (BM WELL DATA)
72018	SYSTEM CODE (BM WELL DATA)
72111	DIRECT READOUT GROUND STATN TRANSMIT EROR CODE NUM
74054	FECAL STREPTOCOCCI, GENERAL (PERMIT)

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
74055	FECAL COLIFORM, GENERAL (PERMIT)
80889	ACTIVATED SLUDGE PROCESS MODIFICATION CODE
81024	DRAINAGE AREA IN SQUARE MILES (SQ. MI.)
81637	SHELLFISH SPECIES NUMERIC CODE
82289	LAGOON OBSERVATION, VISUAL, Y=YES N=NO CODE
82398	SAMPLING METHOD (CODES)
82524	STORAGE COEFFICIENT NUMERICAL CODE
82923	ATMOSPHERIC DEPOSITION TYPE, WET CODE
83205	ATMOSPHERIC DEPOSITION TYPE, BULK CODE
84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)
84001	AQUIFER NAME CODE (SEE USGS CATALOG)
84004	LAKE TYPE ILLINOIS CLASSIFICATION SYSTEM
84007	ANATOMY ALPHA CODE
84008	LIFE STYLE/HABITAT OF THE INDIVIDUALS IN THE SAMPLE
84009	SHELLFISH SPECIES ALPHANUMERIC CODE
84014	SPECIES SEX CODE
84030	CLOUD AMOUNT ALPHA WEATHER CODES
84031	PHYSICAL WEATHER ALPHA WEATHER CODES
84032	STREAM CONDITION ALPHA WEATHER CODES
84066	OIL AND GREASE, VISUAL, ALPHA-NUMERIC CODE
84068	SERIES CODE ALPHA-NUMERIC CODE
84069	FORMATION CODE ALPHA-NUMERIC CODE
84070	METHOD OF TESTING WELL YIELD ALPHA-NUMERIC CODE
84071	WATER LEVEL MEASUREMENT CONDITIONS ALPHA-NUM CODE
84072	WATER LEVEL MEASUREMENT METHOD ALPHA-NUMERIC CODE
84078	GIARDIA LAMBLIA, 2HSO4 OR SUC GRAD, MICRO, CODE
84079	BACTERIA, CELLUOLYTIC, AEROBIC-ANAEROBIC, RT 5-7, CODE
84080	BACTERIA, HYDROCARBONOCLASTIC, SHAKE INC 32C/WK, CODE
84081	YERSINIA ENTEROCOLITICA, SB BROTH, MAC AGAR,22C, CODE

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
84082	SALMONELLA/SHIGELLA, QUANT OR QUAL, HVF OR SWAB, CODE
84085	ORGANICS, VOLATILE, DETECTED, NUMERIC CODE, CODE
84086	MACROINVERTEBRATE SPECIES NUMERIC CODE
84087	MACROINVERTEBRATE HABITAT CODE
84088	BIOLOGY 1 MACROINVERTEBRATE CODE
84089	BIOLOGY 2 MACROINVERTEBRATE CODE
84094	PHYTOPLANKTON SPECIES CODE, NUMERIC
84095	PHYTOPLANKTON SPECIES CODE, ALPHA
84096	SEVERITY OF NON-PLANKTON ALGAE-MAT COVERAGE CODE
84097	LAGOON MOUTH CONDITION CODE
84098	COLOR OF NON-PLANKTONIC ALGAE CODE
84099	WATER - RELATIVE WATER LEVEL CODE
84100	SEX(1-MALE,2-FEMALE,3-MIXED,4-UNKNOWN) NUM CODE
84101	METAFORM, BENTHIC, ADULT(A), PUPAE(P), LARVAE(L) CODE
84105	OIL-SEPARATOR OBSERVATION ASSESS (0=DID NOT,1=DID)
84106	EVAPORAT/BED OBS ASSESS (0=DID NOT LOOK, 1=DID LOOK)
84107	AREA INSPECTION, VISUAL (0=DID NOT, 1=DID) CODE
84108	DRAIN FIELD INSPECTION ASSESS (0=DID NOT, 1=DID) CODE
84109	SLUDGE BUILD-UP IN WATER (0=DID NOT OBS, 1=OBS) CODE
84110	POND OBSERVATION ASSESS WATER (0=DID NOT, 1=DID) CODE
84111	LITHOLOGIC MODIFIER CODE
84113	WELL INTAKE FINISH CODE
84114	WELL CASING MATERIAL CODE
84115	TYPE OF MATERIAL FROM WHICH OPENING IS MADE CODE
84116	DRILLING FLUID CODE
84117	TYPE OF SURFACE SEAL CODE
84118	METHOD OF DEVELOPMENT CODE
84120	PACKING MATERIAL CODE
84124	METHOD OF EVACUTAION CODE

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
84125	METHOD OF WATER-LEVEL MEASUREMENT CODE
84130	OUTFALL OBSERVATION, VISUAL, Y=YES N=NO CODE
84131	SAMPLING METHOD, CONFIDENCE CODE (A,B,C,D) CODE
84132	STREAMBANK, VEGETATIVE STABILITY RATING CODE
84133	STREAMBANK, STABILITY (BANK EROSION) RATING CODE
84134	PARTICLES, DEGREE SURROUNDED BY FINE SEDIMENT, CODE
84135	STREAMSIDE, (SHORELINE) COVER RATING CODE
84136	CANOPY TYPE CODE
84137	CHANNEL STABILITY RATING CODE (E,G,F,P) CODE
84138	COLIFORM, TOTAL, WATER, WHOLE, MPN, PRES=1, ABSNT=2, CODE
84139	ENTEROBACTER AGGLOMERANS, WTR, MF, PRES=1, ABSNT=2, CODE
84140	KLEBSIELLA PNEUMONIAE, WTR, WH, MF, PRES=1, ABSNT=2, CODE
84143	WELL, PURGING CONDITION CODE
84144	WELL, SELECTION CRITERIA CODE
84145	PROJECT COMPONENT CODE
84146	LAND USE, PREDOMINANT, WITHIN 100 FT OF WELL, CODE
84147	LAND USE, PREDOMINANT, 1/4 MI.RADIUS OF WELL, CODE
84148	LAND USE, PREDMNT., FRAC., WITHIN 1/4 MI OF WELL, CODE
84149	LAND USE, CHANGE, LAST 10 YRS, WITHIN 1/4MI WELL, CODE
84150	HABITAT QUALITY INDEX RATING CODE
84151	AQUATIC LIFE, USE CLASSES CODE
84152	STREAM, STAGE CLASS CODE
84153	STREAMBANKS, GRAZING DAMAGE CODE
84154	CHANNEL, MAJOR ALTERATIONS CODE
84155	RIFFLE/RUNS, OCCURRENCE CODE
84156	POOL, DESCRIPTION CODE
84157	SANDBARS, LARGE, OCCURRENCE CODE
84158	LAND USE, NEAR STREAM, PREDOMINANT CODE
84159	STREAM,COVER (INSTREAM SHELTER FOR ADULT FISH), CODE

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
84160	STREAM, DEGRADATION RATING CODE
84161	STREAM, ORDER CODE
84162	LAND RESOURCE AREA CODE
84163	FLOW, STREAM, CLASSIFICATION CODE
84165	DISCHARGE EVENT OBSERVATION, YES=1 NO=0, CODE
84166	STORM HYDROGRAPH, DIRECTION, (RISE,FALL), CODE
84167	MICROSCOPIC EXAMINATION CODE
84168	AVIAN SPECIES ALPHA CODE (BIRDS)
84169	MAMMALIAN ALPHA SPECIES CODE
84170	ALPHA AGE TEXT CODE
84200	LATITUDE/LONGITUDE COORDINATES OF WELL, METHOD CODE
84201	NATIONAL REFERENCE DATUM, ALTITUDE(VERTICAL) CODE
84202	ALTITUDE METHOD CODE
85000	STREAM MILE, ACTUAL MILES
85014	HABITAT, 1970 ACRES THIS TYPE FOR THIS STATION
85015	HAB., ESTIMATED ACRES THIS TYPE THIS STATION
85016	HAB., ESTIMATED ACRES THIS TYPE THIS STA. BY 1990
85017	HAB., ESTIMATED ACRES THIS TYPE THIS STA. BY 2000
85018	TYPE CODES: 1=CLEAR CUT/2=SELECT CUT/3=RNGE DEVLP
85019	ACRES, NO. ALTERED FROM 1965-1970 (0-5 YEARS OLD)
85020	ACRES, NO. ALTERED 1960-1965 (5-10 YEARS OLD)
85021	ACRES, NO. ALTERED 1955-1960 (10-15 YEARS OLD)
85022	ACRES, NO. ALTERED 1950-1955 (15-20 YEARS OLD)
85023	ACRES, NO. ALTERED BEFORE 1950 (20+ YEARS OLD)
85024	ACRES,PREDICTED YRLY.AVE.TO BE ALTERED IN FUTURE
85025	LANDOWNERS, CODES FOR ALL IN STATE OF OREGON
85026	ACRES, CURRENT OWNED THIS LANDOWNER THIS STATION
85027	ACRES, ESTIMATED OWNED BY L-O THIS STA. BY 1980
85028	ACRES, ESTIMATED OWNED BY L-O THIS STA. BY 1990

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
85029	ACRES, ESTIMATED OWNED BY L-O THIS STA. BY 2000
85030	LAND USES, CODES FOR ALL IN STATE OF OREGON
85031	ACRES, CURRENT DEDICATED TO THIS USE THIS STATION
85032	ACRES, ESTM. DEDICTD TO THIS USE THIS STA BY 1980
85033	ACRES, ESTM. DEDICTD TO THIS USE THIS STA BY 1990
85034	ACRES, ESTM. DEDICTD TO THIS USE BY YR.2000 --STA.
85035	HAB., INDICATED ANIMAL USES THIS TYPE IN WINTER
85036	HAB., INDICATED ANIMAL USES THIS TYPE IN SPRING
85037	HAB., INDICATED ANIMAL USES THIS TYPE IN SUMMER
85038	HAB., INDICATED ANIMAL USES THIS TYPE IN FALL
85039	HAB., INDICATED ANML USES THIS TYPE FOR WINTERING
85040	HAB., INDICATED ANML USES THIS TYPE FOR FEEDING
85041	HAB., INDICATED ANML USES TYPE FOR REARING YOUNG
85042	HAB., INDICATED BIRD USES THIS TYPE FOR NESTING
85043	HAB., INDICATED ANML USES THIS TYPE FOR SHELTER
85044	HAB., INDICATED ANML USES THIS TYPE FOR REST AREA
85045	ANML, SHOWS PRESENCE/ABSNC OF COMMENTS ON THIS ANML
85046	HAB.,ACRES OCCUPIED BY THIS ANML THIS UNIT & CO.
85050	ANIMALS ARE NOT PRESENT THIS STATION
85051	ANIMALS, ONLY A FEW ARE PRESENT THIS STATION
85052	ANIMALS COMMONLY SEEN; USE MODERATE THIS STATION
85053	ANIMALS FREQUENTLY SEEN; USE HEAVY THIS STATION
85070	OWNERSHIP (.1) AND ACCESS (.2) BY YEAR
85071	PRIVATE OWNERSHIP AND ACCESS MILEAGE
85072	FEDERAL OWNERSHIP AND ACCESS MILEAGE
85073	STATE OWNERSHIP AND ACCESS MILEAGE
85074	COUNTY OWNERSHIP AND ACCESS MILEAGE
85075	CITY OWNERSHIP AND ACCESS MILEAGE
85076	WATER YEAR DATA REFERS TO

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
85077	CALENDAR YEAR DATA REFERS TO
85088	MONTHS POLLUTION IS A PROBLEM JAN THRU JUNE
85089	MONTHS POLLUTION IS A PROBLEM JULY TO DECEMBER
85090	MAN-CAUSED CHANNEL CHANGE IN MILES
85091	STREAM BANK HABITAT DESTROYED IN MILES
85092	STREAMBED SILTED IN MILES
85093	TURBIDITY PROBLEM IN MILES
85094	SEVERITY: 1=ELIMINATES 2=INTERFERES 3=NO PROBLEM
85095	DURATION OF TURBIDITY PROBLEM IN MONTHS
85096	SEASON OF NATURAL DRY CHANNEL 1=SP 2=SU 3=F 4=W
85097	NATURAL DRY CHANNEL IN MILES
85098	MAN-CAUSED DRY CHANNEL SEASON 1=SP 2=SU 3=F 4=W
85099	MAN-CAUSED DRY CHANNEL IN MILES
85100	YEAR BARRIER IS PRESENT
85101	NUMBER OF NATURAL BARRIERS
85102	MILES BLOCKED BY NATURAL BARRIERS
85103	NUMBER OF NATURAL BARRIERS TO BE REMOVED
85104	NUMBER OF DAMS AND MAN CAUSED OBSTRUCTIONS
85105	MILES BLOCKED BY DAMS OR MAN CAUSED OBSTRUCTIONS
85106	NUMBER OF DAMS TO BE ALTERED
85107	MILES OF STREAM OCCUPIED BY IMPOUNDMENT
85108	LOWER END OF SECTION COVERED BY THIS FORM
85109	UPPER END OF SECTION COVERED BY THIS FORM
85110	LOWER LIMIT THIS SPECIES THIS FORM BY RIVER MILE
85111	UPPER LIMIT THIS SPECIES THIS FORM BY RIVER MILE
85112	STREAM SURVEY:1=COMPLETE 2=INCOMPLETE 3=NONE
85113	ABUNDANCE: 1=FSHWY/TAG&R 2=SURVEY 3=EST PLUS 4=EST
85114	ABUNDANCE: N=S&ST 1=ABUNDANT 4=SCARCE RGH FSH 3=SCARCE
85116	SQUARE YARDS OF SPAWNING AREA IN 1970

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
85117	SQUARE YARDS OF SPAWNING AREA IN 1980
85118	SQUARE YARDS OF SPAWNING AREA IN 1990
85119	SQUARE YARDS OF SPAWNING AREA IN 2000
85120	MILES OF REARING AREA IN 1970
85121	MILES OF REARING AREA IN 1980
85122	MILES OF REARING AREA IN 1990
85123	MILES OF REARING AREA IN 2000
85124	CATCH BY SPORT ANGLING IN 1970
85125	RECREATION DAYS SPENT ANGLING IN 1970
85126	RECREATION DAYS SPENT ANGLING IN 1980
85127	RECREATION DAYS SPENT ANGLING IN 1990
85128	RECREATION DAYS SPENT ANGLING IN 2000
85129	CONTRIBUTION TO COMMERCIAL CATCH IN 1970
85130	PERCENT OF TOTAL FISHING DONE FROM BOAT IN 1970
85131	PERCENT OF TOTAL FISHING DONE FROM BANK IN 1970
85132	PERCENT OF TOTAL FISHING DONE WITH LURE IN 1970
85133	PERCENT OF TOTAL FISHING DONE WITH BAIT IN 1970
85134	PERCENT OF TOTAL FISHING DONE WITH A FLY IN 1970
85146	YEAR THIS FACTOR HAS A LIMITING EFFECT
85157	MAN DAYS OF WATER SKIING
85158	SEVERITY: 1=INTERFERES 2=NO INTER. 3=NO ACTIVITY
85159	MAN DAYS OF BOATING OTHER THAN ANGLING
85160	SEVERITY: 1=INTERFERES 2=NO INTER. 3=NO ACTIVITY
85161	MAN DAYS OF SWIMMING
85162	SEVERITY: 1=INTERFERES 2=NO INTER. 3=NO ACTIVITY
85163	SEVERITY: 1=INTERFERES 2=NO INTER. 3=NOT PRESENT
85165	NUMBER OF MONTHS SUSPENDED SOLIDS ARE A PROBLEM
85167	NUMBER OF MONTHS PLANKTON IS A PROBLEM
85168	1=ELIMINATE PROD 2=REDUCE 3=NO INTER. 4=NOT PRES

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
85169	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85170	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85171	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85172	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85173	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85174	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85175	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85176	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85177	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85178	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85179	YEAR THIS NUMBER OF FACILITIES PRESENT
85180	NUMBER OF BOAT RAMPS
85181	NUMBER OF MOORAGES
85182	NUMBER OF PICNIC AREAS
85183	NUMBER OF CAMP AREAS
85184	NUMBER OF RESORTS
85185	YEAR THIS ZONED AREA PRESENT
85186	ACRES SET ASIDE FOR OTHER BOATING
85187	ACRES SET ASIDE FOR WATER SKIING
85188	MILES OF SHORE LOST TO ACCESS BY HOME SITES
85189	TOTAL MILES OF SHORELINE
85193	WILL RECR BE INC BY RELEASE OF FINGERL 0=NO 1=YES
85195	CATCH AND RECREATION ESTIMATE 1=BEST 4=POOREST
85333	PRECIPITATION-SAMPLE COLLECTION TIME-CODE- NES
85538	GAMMA SCAN DATE (YR,MO,DAY)
85539	DATE OF REPORT (YR,MO,DAY)
85658	TIME NIGHT CO2 HR
85661	TIME, INTERVAL DAY CO2 HR

Appendix F

National EPA Water Quality Criteria Summary[1]

The following table presents the national water quality criteria that were used to assess water quality data on a station-by-station basis and within the entire study area. Criteria are, for the most part, maximum values (except for dissolved oxygen, pH, and as noted). Criteria exist in any of four categories: Fresh Acute, Drinking Water, Marine Acute, and Other. Acute criteria are the highest 1-hour average concentrations which should not result in unacceptable impacts to aquatic organisms in either fresh or marine waters, respectively. The Drinking Water criteria are intended for human consumption; while the Other criteria represents National Park Service or other concerns. Parameters are listed in ascending order by STORET code. It is important to note that similar parameters often have non-consecutive codes. Consequently, scanning the entire list is necessary to obtain the criteria for all parameters of a particular type (eg. lead, copper, etc.). Refer to the Parameter Period of Record Tabulation to obtain the STORET code for any parameter measured in the park.

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
	00070				50[t]	TURBIDITY, JACKSON CANDLE UNITS	JTU	Physical
	00076				50[t]	TURBIDITY, HACH TURBIDIMETER, FORMAZIN TUR. UNITS	FTU	Physical
14808798	00154		250[s]			SULFATE (AS S) WHOLE WATER	MG/L	General Inorganic
7782447	00299				4.0[u]	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	MG/L	Dissolved Oxygen
7782447	00300				4.0[u]	OXYGEN, DISSOLVED	MG/L	Dissolved Oxygen
	00400				≤6.5, ≥9.0[#]	PH	SU	Physical
	00403				≤6.5, ≥9.0[#]	PH, LAB	SU	Physical
	00406				≤6.5, ≥9.0[#]	PH, FIELD	SU	Physical

[1]Sources: (1) U.S. Environmental Protection Agency, Quality Criteria for Water 1995, Final Draft; (2) U.S. Environmental Protection Agency, 40 CFR 141 - National Primary Drinking Water Regulations, and 40 CFR 143 - National Secondary Drinking Water Regulations, July 1, 1994; and (3) Others as Noted in Footnotes.

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
471341	00409				<200[=]	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYSIS	UEQ/L	General Inorganic
17778880	00613		1			NITRITE NITROGEN, DISSOLVED AS N	MG/L	Nitrogen
17778880	00615		1			NITRITE NITROGEN, TOTAL AS N	MG/L	Nitrogen
17778880	00618		10			NITRATE NITROGEN, DISSOLVED AS N	MG/L	Nitrogen
17778880	00620		10			NITRATE NITROGEN, TOTAL AS N	MG/L	Nitrogen
17778880	00628		10			NITRITE + NITRATE, SUSPENDED AS N	MG/L	Nitrogen
17778880	00630		10			NITRITE PLUS NITRATE, TOTAL 1 DET.	MG/L	Nitrogen
17778880	00631		10			NITRITE PLUS NITRATE, DISSOLVED 1 DET.	MG/L	Nitrogen
57125	00718	22	200	1.0		CYANIDE, WEAK ACID, DISSOCIABLE, WATER, WHOLE	UG/L	General Inorganic
57125	00719	22	200	1.0		CYANIDE, FREE,IN WATER&WASTEWATERS, HBG METHOD	UG/L	General Inorganic
57125	00720	0.022	0.2	0.001		CYANIDE, TOTAL	MG/L	General Inorganic
57125	00722	0.022	0.2	0.001		CYANIDE, FREE (AMENABLE TO CHLORINATION)	MG/L	General Inorganic
57125	00723	22	200	1.0		CYANIDE, DISSOLVED STD METHOD	UG/L	General Inorganic
57125	00724	22	200	1.0		CYANIDE COMPLEXED TO A RANGE OF COMPNDS, WATER	UG/L	General Inorganic
16887006	00940	860	250[s]			CHLORIDE,TOTAL IN WATER	MG/L	General Inorganic
16887006	00941	860	250[s]			CHLORIDE, DISSOLVED IN WATER	MG/L	General Inorganic
14808798	00945		250[s]			SULFATE, TOTAL (AS SO4)	MG/L	General Inorganic
14808798	00946		250[s]			SULFATE, DISSOLVED (AS SO4)	MG/L	General Inorganic
1332214	00948		7000000			ASBESTOS, WHOLE SAMPLE	CNT/L	General Inorganic
16984488	00950		4.0			FLUORIDE, DISSOLVED AS F	MG/L	General Inorganic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
16984488	00951		4.0			FLUORIDE, TOTAL AS F	MG/L	General Inorganic
7782414	00953		4000			FLUORINE, TOTAL	UG/L	General Inorganic
7440382	00978	360	50	69		ARSENIC, TOTAL RECOVERABLE IN WATER AS AS	UG/L	Metal
7782492	00981	20	50	300		SELENIUM,TOTAL RECOVERABLE IN WATER AS SE	UG/L	Metal
7440280	00982	1400*	2.0	2130*		THALLIUM, TOTAL RECOVERABLE IN WATER AS TL	UG/L	Metal
7782492	00990	20	50	300		SELENITE, TOTAL RECOVERABLE INORGANIC	UG/L	Metal
7440382	00991	360	50	69		ARSENIC, TOTAL RECOVERABLE TRIVALENT INORGANIC	UG/L	Metal
7440382	00995	360	50	69		ARSENIC, INORGANIC DISS	UG/L	Metal
7440382	00996	360	50	69		ARSENIC, INORGANIC SUSP	UG/L	Metal
7440382	00997	360	50	69		ARSENIC, INORGANIC TOT	UG/L	Metal
7440417	00998	130*	4.0			BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE	UG/L	Metal
7440382	01000	360	50	69		ARSENIC, DISSOLVED	UG/L	Metal
7440382	01001	360	50	69		ARSENIC, SUSPENDED	UG/L	Metal
7440382	01002	360	50	69		ARSENIC, TOTAL	UG/L	Metal
7440393	01005		2000			BARIUM, DISSOLVED	UG/L	Metal
7440393	01006		2000			BARIUM, SUSPENDED	UG/L	Metal
7440393	01007		2000			BARIUM, TOTAL	UG/L	Metal
7440393	01009		2000			BARIUM,TOTAL RECOVERABLE IN WATER AS BA	UG/L	Metal
7440417	01010	130*	4.0			BERYLLIUM, DISSOLVED	UG/L	Metal
7440417	01011	130*	4.0			BERYLLIUM, SUSPENDED	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7440417	01012	130*	4.0			BERYLLIUM, TOTAL	UG/L	Metal
7440439	01025	3.9+	5.0	43		CADMIUM, DISSOLVED	UG/L	Metal
7440439	01026	3.9+	5.0	43		CADMIUM, SUSPENDED	UG/L	Metal
7440439	01027	3.9+	5.0	43		CADMIUM, TOTAL	UG/L	Metal
7440473	01030		100			CHROMIUM, DISSOLVED	UG/L	Metal
7440473	01031		100			CHROMIUM, SUSPENDED	UG/L	Metal
7440473	01032	16	100	1100		CHROMIUM, HEXAVALENT	UG/L	Metal
16065831	01033	1700+	100	10300*		CHROMIUM, TRI-VAL	UG/L	Metal
7440473	01034		100			CHROMIUM, TOTAL	UG/L	Metal
7440508	01040	18+	1300a	2.9		COPPER, DISSOLVED	UG/L	Metal
7440508	01041	18+	1300a	2.9		COPPER, SUSPENDED	UG/L	Metal
7440508	01042	18+	1300a	2.9		COPPER, TOTAL	UG/L	Metal
7439921	01049	82+	15a	220		LEAD, DISSOLVED	UG/L	Metal
7439921	01050	82+	15a	220		LEAD, SUSPENDED	UG/L	Metal
7439921	01051	82+	15a	220		LEAD, TOTAL	UG/L	Metal
7440280	01057	1400*	2.0	2130*		THALLIUM, DISSOLVED	UG/L	Metal
7440280	01058	1400*	2.0	2130*		THALLIUM, SUSPENDED	UG/L	Metal
7440280	01059	1400*	2.0	2130*		THALLIUM, TOTAL	UG/L	Metal
7440020	01065	1400+	100	75		NICKEL, DISSOLVED	UG/L	Metal
7440020	01066	1400+	100	75		NICKEL, SUSPENDED	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7440020	01067	1400[+]	100	75		NICKEL, TOTAL	UG/L	Metal
7440020	01074	1400[+]	100	75		NICKEL, TOTAL RECOVERABLE IN WATER AS NI	UG/L	Metal
7440224	01075	4.1[+]	100[s]	0.12		SILVER, DISSOLVED	UG/L	Metal
7440224	01076	4.1[+]	100[s]	0.12		SILVER, SUSPENDED	UG/L	Metal
7440224	01077	4.1[+]	100[s]	0.12		SILVER, TOTAL	UG/L	Metal
7440224	01079	4.1[+]	100[s]	0.12		SILVER, TOTAL RECOVERABLE IN WATER AS AG	UG/L	Metal
7440508	01089	0.018[+]	1.3[a]	0.0029		COPPER AS SUSPENDED BLACK OXIDE IN WATER	MG/L	General Inorganic
7440666	01090	120[+]	5000[s]	95		ZINC, DISSOLVED	UG/L	Metal
7440666	01091	120[+]	5000[s]	95		ZINC, SUSPENDED	UG/L	Metal
7440666	01092	120[+]	5000[s]	95		ZINC, TOTAL	UG/L	Metal
7440666	01094	120[+]	5000[s]	95		ZINC, TOTAL RECOVERABLE IN WATER AS ZN	UG/L	Metal
7440360	01095	88[p]	6.0	1500[p]		ANTIMONY, DISSOLVED	UG/L	Metal
7440360	01096	88[p]	6.0	1500[p]		ANTIMONY, SUSPENDED	UG/L	Metal
7440360	01097	88[p]	6.0	1500[p]		ANTIMONY, TOTAL	UG/L	Metal
7440439	01113	3.9[+]	5.0	43		CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	UG/L	Metal
7439921	01114	82[+]	15[a]	220		LEAD, TOTAL RECOVERABLE IN WATER AS PB	UG/L	Metal
7440473	01118		100			CHROMIUM TOTAL RECOVERABLE IN WATER AS CR	UG/L	Metal
7440508	01119	18[+]	1300[a]	2.9		COPPER, TOTAL RECOVERABLE IN WATER AS CU	UG/L	Metal
7440280	01124	1400[*]	2.0	2130[*]		THALLIUM, ACID SOLUBLE, WATER, WHOLE	UG/L	Metal
7440280	01128	1400[*]	2.0	2130[*]		THALLIUM, TOTAL RECOVERABLE <95%	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7782492	01145	20	50	300		SELENIUM, DISSOLVED	UG/L	Metal
7782492	01146	20	50	300		SELENIUM, SUSPENDED	UG/L	Metal
7782492	01147	20	50	300		SELENIUM, TOTAL	UG/L	Metal
7782492	01167	20	50	300		SELENIUM, ACID SOLUBLE, WATER, WHOLE	UG/L	Metal
18540299	01220	16	100	1100		CHROMIUM, HEXAVALENT, DISSOLVED	UG/L	Metal
7440360	01268	88[p]	6.0	1500[p]		ANTIMONY (SB), WATER, TOTAL RECOVERABLE	UG/L	Metal
57125	01291	22	200	1.0		CYANIDE, FILTERABLE, TOTAL IN WATER	UG/L	General Inorganic
7440666	01303	0.120[+]	5.0[s]	0.095		ZINC, POTENTIALLY DISSOLVED WATER	MG/L	Metal
7440224	01304	0.0041[+]	0.1[s]	0.00012		SILVER, POTENTIALLY DISSOLVED WATER	MG/L	Metal
7440508	01306	0.018[+]	1.3[a]	0.0029		COPPER, POTENTIALLY DISSOLVED WATER	MG/L	Metal
18540299	01307	0.016	0.1	1.1		CHROMIUM, HEXAVALENT, POTENTIALLY DISSOLVED	MG/L	Metal
7440382	01309	0.36	0.05	0.069		ARSENIC, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7440393	01311		2.0			BARIUM, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7440417	01312	0.13[*]	0.004			BERYLLIUM, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7440439	01313	0.0039[+]	0.005	0.043		CADMIUM, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
16065831	01314	1.7[+]	0.1	10.3[*]		CHROMIUM, TRIVALENT, POTENTIALLY DISSOLVED	MG/L	Metal
7439921	01318	0.082[+]	0.015[a]	0.220		LEAD, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7439976	01321	0.0024	0.002	0.0021		MERCURY, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7440020	01322	1.4[+]	0.1	0.075		NICKEL, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7782492	01323	0.020	0.050	0.300		SELENIUM, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7440280	01324	1.4*	0.002	2.13*		THALLIUM, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7440611	01326		0.020c			URANIUM, POTENTIALLY DISSOLVED, WATER	MG/L	Metal
7440224	01523	4.1+	100s	0.12		SILVER, IONIC	UG/L	Metal
50328	03648		0.2			BENZO (A) PYRENE, LIQUID FRACTION, ELUTRIATE	UG/L	General Organic
122349	04035		4.0			SIMAZINE, DISSOLVED, WATER, TOTAL RECOVERABLE	UG/L	Pesticide
10028178	04124		20r			TRITIUM, TOTAL, WATER	PC/ML	Radiological
10028178	07000		20000r			TRITIUM, TOTAL	PC/L	Radiological
10028178	07005		20000r			TRITIUM, DISSOLVED	PC/L	Radiological
10028178	07010		20000r			TRITIUM, SUSPENDED	PC/L	Radiological
	09501		5.0			RADIUM 226, TOTAL	PC/L	Radiological
	09503		5.0			RADIUM 226, DISSOLVED	PC/L	Radiological
	09505		5.0			RADIUM 226, SUSPENDED	PC/L	Radiological
	11500		5.0			RADIUM 226 + RADIUM 228, DISSOLVED	PC/L	Radiological
	11501		5.0			RADIUM 228, TOTAL	PC/L	Radiological
	11503		5.0			RADIUM 226 + RADIUM 228, TOTAL	PC/L	Radiological
10098972	13501		8.0r			STRONTIUM 90, TOTAL	PC/L	Radiological
10098972	13503		8.0r			STRONTIUM 90, DISSOLVED	PC/L	Radiological
10098972	13505		8.0r			STRONTIUM 90, SUSPENDED	PC/L	Radiological
7782492	22675	20	50	300		SELENIUM, DISSOLVED ORGANIC	UG/L	Metal
7782492	22676	20	50	300		SELENIUM, HEXAVALENT, DISSOLVED	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7782492	22677	20	50	300		SELENIUM, TETRAVALENT, DISSOLVED	UG/L	Metal
7440382	22678	360	50	69		ARSENIC, DISSOLVED ORGANIC	UG/L	Metal
7440382	22679	850*	50	2319*		ARSENIC, PENTAVALENT,DISSOLVED	UG/L	Metal
7440382	22680	360	50	69		ARSENIC, TRIVALENT, DISSOLVED	UG/L	Metal
7440611	22703		20[c]			URANIUM, NATURAL DISSOLVED	UG/L	Metal
7440611	22705		20[c]			URANIUM, NATURAL SUSPENDED	UG/L	Metal
7440611	22706		20[c]			URANIUM, TOTAL AS U308	UG/L	Metal
7440611	22708		0.020[c]			URANIUM, NATURAL, TOTAL	MG/L	Radiological
7440611	28011		20[c]			URANIUM, NATURAL, TOTAL	UG/L	Radiological
88857	30191		7.0			DINOSEB, WATER, WHOLE RECOVERABLE	UG/L	Pesticide
75990	30200		200			DALAPON, WATER, WHOLE RECOVERABLE	UG/L	Pesticide
106934	30203		0.05			ETHANE, 1,2-DIBROMO-, WATER, WHOLE, RECOVERABLE	UG/L	Pesticide
	31501		1.0[n]		1000[b]	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	CFU/100ML	Bacteriological
	31503		1.0[n]		1000[b]	COLIFORM, TOTAL, MEMBRANE FILTER, DELAY. M-ENDO	CFU/100ML	Bacteriological
	31504		1.0[n]		1000[b]	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED. LES-ENDO	CFU/100ML	Bacteriological
	31505		1.0[n]		1000[b]	COLIFORM, TOTAL, MPN, CONF. TEST 35C (TUBE 31506)	MPN/100ML	Bacteriological
	31506		1.0[n]		1000[b]	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE CONFIG	MPN/100ML	Bacteriological
	31507		1.0[n]		1000[b]	COLIFORM, TOTAL, MPN, COMP. TEST 35C (TUBE 31508)	MPN/100ML	Bacteriological
	31508		1.0[n]		1000[b]	COLIFORM, TOTAL, MPN, COMP. TEST, TUBE CONFIG	MPN/100ML	Bacteriological
	31613				200^	FECAL COLIFORM, MEMBRANE FILTER, AGAR	CFU/100ML	Bacteriological

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
	31614				200^	FECAL COLIFORM, MPN, TUBE CONFIGURATION	MPN/100ML	Bacteriological
	31615				200^	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	MPN/100ML	Bacteriological
	31616				200^	FECAL COLIFORM, MEMBRANE FILTER, BROTH, 44.5C	CFU/100ML	Bacteriological
	31617				200^	FECAL COLIFORM, MPN, EIJKMAN, 44.5C (TUBE 31618)	MPN/100ML	Bacteriological
	31625				200^	FECAL COLIFORM, MF, M-FC, 0.7 UM	CFU/100ML	Bacteriological
	31648				126^	E. COLI, MTEC, MF	CFU/100ML	Bacteriological
	31649				33^	ENTEROCOCCI, ME, MF	CFU/100ML	Bacteriological
67663	32003	28900*	100[t]			CARBON CHLOROFORM AND CARBON ALCOHOL EXTRS.,TOTAL	UG/L	General Organic
67663	32005	28900*	100[t]			CARBON CHLOROFORM EXTRACTABLES	UG/L	General Organic
67663	32021	28900*	100[t]			CARBON CHLOROFORM EXTRACTS, ETHER INSOLUBLES OF	UG/L	General Organic
67663	32022	28900*	100[t]			CARBON CHLOROFORM EXTRACTS, WATER SOLUBLES OF	UG/L	General Organic
75274	32101		100[t]			BROMODICHLOROMETHANE, WHOLE WATER	UG/L	General Organic
56235	32102	35200*	5.0	50000*		CARBON TETRACHLORIDE, WHOLE WATER	UG/L	General Organic
107062	32103	118000*	5.0	113000*		1,2-DICHLOROETHANE,WHOLE WATER	UG/L	General Organic
75252	32104		100[t]			BROMOFORM, WHOLE WATER	UG/L	General Organic
124481	32105		100[t]			DIBROMOCHLOROMETHANE, WHOLE WATER	UG/L	General Organic
67663	32106	28900*	100[t]			CHLOROFORM, WHOLE WATER	UG/L	General Organic
56235	32260	35.2*	0.005	50*		CARBON TETRACHLORIDE EXTRACTABLES	MG/L	General Organic
67663	32270	28.9*	0.1[t]			CHLOROFORM EXTRACTABLES TOTAL	MG/L	General Organic
108883	34010	17500*	1000	6300*		TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
1330207	34020		10000			XYLENES IN WTR SMPLE GC-MS, HEXADECONE EXTR.	UG/L	General Organic
83329	34205	1700*		970*		ACENAPHTHENE, TOTAL	UG/L	General Organic
83329	34206	1700*		970*		ACENAPHTHENE, DISSOLVED	UG/L	General Organic
83329	34207	1700*		970*		ACENAPHTHENE, SUSPENDED	UG/L	General Organic
107028	34210	68*		55*		ACROLEIN, TOTAL	UG/L	Pesticide
107028	34211	68*		55*		ACROLEIN, DISSOLVED	UG/L	Pesticide
107028	34212	68*		55*		ACROLEIN, SUSPENDED	UG/L	Pesticide
107131	34215	7550*				ACRYLONITRILE, TOTAL	UG/L	General Organic
107131	34216	7550*				ACRYLONITRILE, DISSOLVED	UG/L	General Organic
107131	34217	7550*				ACRYLONITRILE, SUSPENDED	UG/L	General Organic
71432	34235	5300*	5.0	5100*		BENZENE, DISSOLVED	UG/L	General Organic
71432	34236	5300*	5.0	5100*		BENZENE, SUSPENDED	UG/L	General Organic
92875	34239	2500*				BENZIDINE, DISSOLVED	UG/L	General Organic
92875	34240	2500*				BENZIDINE, SUSPENDED	UG/L	General Organic
58899	34265	2.0	0.2	0.16		R-BHC (LINDANE) GAMMA, DISSOLVED	UG/L	Pesticide
58899	34266	2.0	0.2	0.16		R-BHC (LINDANE) GAMMA, SUSPENDED	UG/L	Pesticide
75252	34288		100[t]			BROMOFORM, DISSOLVED	UG/L	General Organic
75252	34289		100[t]			BROMOFORM, SUSPENDED	UG/L	General Organic
56235	34297	35200*	5.0	50000*		CARBON TETRACHLORIDE, DISSOLVED	UG/L	General Organic
56235	34298	35200*	5.0	50000*		CARBON TETRACHLORIDE, SUSPENDED	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
108907	34301		100			CHLOROBENZENE, TOTAL	UG/L	General Organic
108907	34302		100			CHLOROBENZENE, DISSOLVED	UG/L	General Organic
108907	34303		100			CHLOROBENZENE, SUSPENDED	UG/L	General Organic
124481	34306		100[t]			CHLORODIBROMOMETHANE, TOTAL	UG/L	General Organic
124481	34307		100[t]			CHLORODIBROMOMETHANE, DISSOLVED	UG/L	General Organic
124481	34308		100[t]			CHLORODIBROMOMETHANE, SUSPENDED	UG/L	General Organic
67663	34316	28900[*]	100[t]			CHLOROFORM, DISSOLVED	UG/L	General Organic
67663	34317	28900[*]	100[t]			CHLOROFORM, SUSPENDED	UG/L	General Organic
57125	34325	0.022	0.2	0.001		CYANIDE, SUSPENDED	MG/L	General Inorganic
75274	34328		100[t]			DICHLOROBROMOMETHANE, DISSOLVED	UG/L	General Organic
75274	34329		100[t]			DICHLOROBROMOMETHANE, SUSPENDED	UG/L	General Organic
122667	34346	270[*]				1,2-DIPHENYLHYDRAZINE, TOTAL	UG/L	General Organic
122667	34347	270[*]				1,2-DIPHENYLHYDRAZINE, DISSOLVED	UG/L	General Organic
122667	34348	270[*]				1,2-DIPHENYLHYDRAZINE, SUSPENDED	UG/L	General Organic
33213659	34356	0.22		0.034		ENDOSULFAN, BETA, TOTAL	UG/L	Pesticide
33213659	34357	0.22		0.034		ENDOSULFAN, BETA, DISSOLVED	UG/L	Pesticide
33213659	34358	0.22		0.034		ENDOSULFAN, BETA, SUSPENDED	UG/L	Pesticide
959988	34361	0.22		0.034		ENDOSULFAN, ALPHA, TOTAL	UG/L	Pesticide
959988	34362	0.22		0.034		ENDOSULFAN, ALPHA, DISSOLVED	UG/L	Pesticide
959988	34363	0.22		0.034		ENDOSULFAN, ALPHA, SUSPENDED	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
100414	34371	32000*	700	430*		ETHYLBENZENE, TOTAL	UG/L	General Organic
100414	34372	32000*	700	430*		ETHYLBENZENE, DISSOLVED	UG/L	General Organic
100414	34373	32000*	700	430*		ETHYLBENZENE, SUSPENDED	UG/L	General Organic
206440	34376	3980*		40*		FLUORANTHENE, TOTAL	UG/L	General Organic
206440	34377	3980*		40*		FLUORANTHENE, DISSOLVED	UG/L	General Organic
206440	34378	3980*		40*		FLUORANTHENE, SUSPENDED	UG/L	General Organic
77474	34386	7.0*	50	7.0*		HEXACHLOROCYCLOPENTADIENE, TOTAL	UG/L	General Organic
77474	34387	7.0*	50	7.0*		HEXACHLOROCYCLOPENTADIENE, DISSOLVED	UG/L	General Organic
77474	34388	7.0*	50	7.0*		HEXACHLOROCYCLOPENTADIENE, SUSPENDED	UG/L	General Organic
87683	34391	90*		32*		HEXACHLOROBUTADIENE, TOTAL	UG/L	General Organic
87683	34392	90*		32*		HEXACHLOROBUTADIENE, DISSOLVED	UG/L	General Organic
87683	34393	90*		32*		HEXACHLOROBUTADIENE, SUSPENDED	UG/L	General Organic
67721	34396	980*		940*		HEXACHLOROETHANE, TOTAL	UG/L	General Organic
67721	34397	980*		940*		HEXACHLOROETHANE, DISSOLVED	UG/L	General Organic
67721	34398	980*		940*		HEXACHLOROETHANE, SUSPENDED	UG/L	General Organic
118741	34401	6.0[p]	1.0			HEXACHLOROBENZENE, DISSOLVED	UG/L	General Organic
118741	34402	6.0[p]	1.0			HEXACHLOROBENZENE, SUSPENDED	UG/L	General Organic
193395	34403		0.40[c]			INDENO (1,2,3-CD) PYRENE, TOTAL	UG/L	General Organic
193395	34404		0.40[c]			INDENO (1,2,3-CD) PYRENE, DISSOLVED	UG/L	General Organic
193395	34405		0.40[c]			INDENO (1,2,3-CD) PYRENE, SUSPENDED	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
78591	34408	117000*		12900*		ISOPHORONE, TOTAL	UG/L	Pesticide
78591	34409	117000*		12900*		ISOPHORONE, DISSOLVED	UG/L	Pesticide
78591	34410	117000*		12900*		ISOPHORONE, SUSPENDED	UG/L	Pesticide
75092	34423		5.0			METHYLENE CHLORIDE, TOTAL	UG/L	General Organic
75092	34424		5.0			METHYLENE CHLORIDE, DISSOLVED	UG/L	General Organic
75092	34425		5.0			METHYLENE CHLORIDE, SUSPENDED	UG/L	General Organic
91203	34443	2300*		2350*		NAPHTHALENE, DISSOLVED	UG/L	General Organic
91203	34444	2300*		2350*		NAPHTHALENE, SUSPENDED	UG/L	General Organic
98953	34447	27000*		6680*		NITROBENZENE, TOTAL	UG/L	General Organic
98953	34448	27000*		6680*		NITROBENZENE, DISSOLVED	UG/L	General Organic
98953	34449	27000*		6680*		NITROBENZENE, SUSPENDED	UG/L	General Organic
59507	34452	30*				PARACHLOROMETA CRESOL, TOTAL	UG/L	General Organic
59507	34453	30*				PARACHLOROMETA CRESOL, DISSOLVED	UG/L	General Organic
59507	34454	30*				PARACHLOROMETA CRESOL, SUSPENDED	UG/L	General Organic
87865	34459	20***	1.0	13		PCP (PENTACHLOROPHENOL), DISSOLVED	UG/L	Pesticide
87865	34460	20***	1.0	13		PCP (PENTACHLOROPHENOL), SUSPENDED	UG/L	Pesticide
85018	34461	30p		7.7p		PHENANTHRENE, TOTAL	UG/L	General Organic
85018	34462	30p		7.7p		PHENANTHRENE, DISSOLVED	UG/L	General Organic
85018	34463	30p		7.7p		PHENANTHRENE, SUSPENDED	UG/L	General Organic
108952	34466	10200*		5800*		PHENOL, DISSOLVED	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
108952	34467	10200*		5800*		PHENOL, SUSPENDED	UG/L	General Organic
127184	34475	5280*	5.0	10200*		TETRACHLOROETHYLENE, TOTAL	UG/L	General Organic
127184	34476	5280*	5.0	10200*		TETRACHLOROETHYLENE, DISSOLVED	UG/L	General Organic
127184	34477	5280*	5.0	10200*		TETRACHLOROETHYLENE, SUSPENDED	UG/L	General Organic
108883	34481	17500*	1000	6300*		TOLUENE, DISSOLVED	UG/L	General Organic
108883	34482	17500*	1000	6300*		TOLUENE, SUSPENDED	UG/L	General Organic
79016	34485	45000*	5.0	2000*		TRICHLOROETHYLENE, DISSOLVED	UG/L	General Organic
79016	34486	45000*	5.0	2000*		TRICHLOROETHYLENE, SUSPENDED	UG/L	General Organic
75014	34493		2.0			VINYL CHLORIDE, DISSOLVED	UG/L	General Organic
75014	34494		2.0			VINYL CHLORIDE, SUSPENDED	UG/L	General Organic
75354	34501		7.0			1,1-DICHLOROETHYLENE, TOTAL	UG/L	General Organic
75354	34502		7.0			1,1-DICHLOROETHYLENE, DISSOLVED	UG/L	General Organic
75354	34503		7.0			1,1-DICHLOROETHYLENE, SUSPENDED	UG/L	General Organic
71556	34506		200	31200*		1,1,1-TRICHLOROETHANE, TOTAL	UG/L	General Organic
71556	34507		200	31200*		1,1,1-TRICHLOROETHANE, DISSOLVED	UG/L	General Organic
71556	34508		200	31200*		1,1,1-TRICHLOROETHANE, SUSPENDED	UG/L	General Organic
79005	34511		5.0			1,1,2-TRICHLOROETHANE, TOTAL	UG/L	General Organic
79005	34512		5.0			1,1,2-TRICHLOROETHANE, DISSOLVED	UG/L	General Organic
79005	34513		5.0			1,1,2-TRICHLOROETHANE, SUSPENDED	UG/L	General Organic
79345	34516			9020*		1,1,2,2-TETRACHLOROETHANE, TOTAL	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
79345	34517			9020*		1,1,2,2-TETRACHLOROETHANE, DISSOLVED	UG/L	General Organic
79345	34518			9020*		1,1,2,2-TETRACHLOROETHANE, SUSPENDED	UG/L	General Organic
107062	34531	118000*	5.0	113000*		1,2-DICHLOROETHANE, TOTAL	UG/L	General Organic
107062	34532	118000*	5.0	113000*		1,2-DICHLOROETHANE, DISSOLVED	UG/L	General Organic
107062	34533	118000*	5.0	113000*		1,2-DICHLOROETHANE, SUSPENDED	UG/L	General Organic
95501	34536		600			1,2-DICHLOROBENZENE, TOTAL	UG/L	General Organic
95501	34537		600			1,2-DICHLOROBENZENE, DISSOLVED	UG/L	General Organic
95501	34538		600			1,2-DICHLOROBENZENE, SUSPENDED	UG/L	General Organic
78875	34541		5.0			1,2-DICHLOROPROPANE, TOTAL	UG/L	General Organic
78875	34542		5.0			1,2-DICHLOROPROPANE, DISSOLVED	UG/L	General Organic
78875	34543		5.0			1,2-DICHLOROPROPANE, SUSPENDED	UG/L	General Organic
156605	34546		100			TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER	UG/L	General Organic
156605	34547		100			TRANS-1,2-DICHLOROETHENE, DISSOLVED	UG/L	General Organic
156605	34548		100			TRANS-1,2-DICHLOROETHENE, SUSPENDED	UG/L	General Organic
120821	34551		70			1,2,4-TRICHLOROBENZENE, TOTAL	UG/L	General Organic
120821	34552		70			1,2,4-TRICHLOROBENZENE, DISSOLVED	UG/L	General Organic
120821	34553		70			1,2,4-TRICHLOROBENZENE, SUSPENDED	UG/L	General Organic
541731	34566		600			1,3-DICHLOROBENZENE, TOTAL	UG/L	General Organic
541731	34567		600			1,3-DICHLOROBENZENE, DISSOLVED	UG/L	General Organic
541731	34568		600			1,3-DICHLOROBENZENE, SUSPENDED	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
106467	34571		75			1,4-DICHLOROBENZENE, TOTAL	UG/L	General Organic
106467	34572		75			1,4-DICHLOROBENZENE, DISSOLVED	UG/L	General Organic
106467	34573		75			1,4-DICHLOROBENZENE, SUSPENDED	UG/L	General Organic
95578	34586	4380*				2-CHLOROPHENOL, TOTAL	UG/L	General Organic
95578	34587	4380*				2-CHLOROPHENOL, DISSOLVED	UG/L	General Organic
95578	34588	4380*				2-CHLOROPHENOL, SUSPENDED	UG/L	General Organic
120832	34601	2020*				2,4-DICHLOROPHENOL, TOTAL	UG/L	General Organic
120832	34602	2020*				2,4-DICHLOROPHENOL, DISSOLVED	UG/L	General Organic
120832	34603	2020*				2,4-DICHLOROPHENOL, SUSPENDED	UG/L	General Organic
105679	34606	2120*				2,4-DIMETHYLPHENOL, TOTAL	UG/L	General Organic
105679	34607	2120*				2,4-DIMETHYLPHENOL, DISSOLVED	UG/L	General Organic
105679	34608	2120*				2,4-DIMETHYLPHENOL, SUSPENDED	UG/L	General Organic
121142	34611	330*		590*		2,4-DINITROTOLUENE, TOTAL	UG/L	General Organic
121142	34612	330*		590*		2,4-DINITROTOLUENE, DISSOLVED	UG/L	General Organic
121142	34613	330*		590*		2,4-DINITROTOLUENE, SUSPENDED	UG/L	General Organic
72548	34651	0.6*		3.6*		P,P'-DDD, DISSOLVED	UG/L	Pesticide
72548	34652	0.6*		3.6*		P,P'-DDD, SUSPENDED	UG/L	Pesticide
72559	34653	1050*		14*		P,P'-DDE, DISSOLVED	UG/L	Pesticide
72559	34654	1050*		14*		P,P'-DDE, SUSPENDED	UG/L	Pesticide
50293	34655	1.1		0.13		P,P'-DDT, DISSOLVED	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
50293	34656	1.1		0.13		P,P'-DDT, SUSPENDED	UG/L	Pesticide
1746016	34675	0.01*	0.00003			2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN(TCDD), TOT	UG/L	General Organic
1746016	34676	0.01*	0.00003			2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN(TCDD), DISS	UG/L	General Organic
1746016	34677	0.01*	0.00003			2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN(TCDD), SUSP	UG/L	General Organic
108952	34694	10200*		5800*		PHENOL (C6H5OH) - SINGLE COMPOUND, TOTAL	UG/L	General Organic
91203	34696	2300*		2350*		NAPHTHALENE, TOTAL	UG/L	General Organic
75990	38432		200			DALAPON, WATER, TOTAL	UG/L	Pesticide
75990	38433		200			DALAPON, WATER, DISSOLVED	UG/L	Pesticide
75990	38434		200			DALAPON, WATER, SUSPENDED	UG/L	Pesticide
96128	38437		0.2			DIBROMOCHLOROPROPANE, WATER, TOTAL	UG/L	Pesticide
96128	38438		0.2			DIBROMOCHLOROPROPANE, WATER, DISSOLVED	UG/L	Pesticide
96128	38439		0.2			DIBROMOCHLOROPROPANE WATER, SUSPENDED	UG/L	Pesticide
96128	38760		0.2			DBCP, WATER, TOTAL	UG/L	Pesticide
96128	38761		0.2			DBCP, WATER, DISSOLVED	UG/L	Pesticide
96128	38762		0.2			DBCP, WATER, SUSPENDED	UG/L	Pesticide
88857	38779		7.0			DINOSEB, DISSOLVED	UG/L	Pesticide
88857	38780		7.0			DINOSEB, SUSPENDED	UG/L	Pesticide
23135220	38865		200			OXAMYL, TOTAL	UG/L	Pesticide
23135220	38866		200			OXAMYL, DISSOLVED	UG/L	Pesticide
23135220	38867		200			OXAMYL, SUSPENDED	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
145733	38926		100			ENDOTHALL, WHOLE WATER SAMPLE	UG/L	Pesticide
2921882	38932	0.083		0.011		CHLORPYRIFOS, TOTAL RECOVERABLE	UG/L	Pesticide
2921882	38933	0.083		0.011		CHLORPYRIFOS, DISSOLVED	UG/L	Pesticide
2163806	38935		50			MONOSODIUM METHANEARSONATE (MSMA)	UG/L	Pesticide
2921882	39012	0.083		0.011		DURSBAN, FLAME PHOTOMETRIC, WATER SAMPLE	UG/L	Pesticide
56382	39015	0.065				ETHYLPARATHION, FLAME IONIFATION, WATER SAMPLE	UG/L	Pesticide
122349	39025		4.0			SIMAZINE, COULSON CONDUCTIVITY WATER SAMPLE	UG/L	Pesticide
87865	39032	20***	1.0	13		PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE	UG/L	Pesticide
1912249	39033		3.0			ATRAZINE IN WHOLE WATER SAMPLE	UG/L	Pesticide
118741	39039	6.0[P]	1.0			HEXACHLOROBENZENE WATER SAMPLE, ELECTRON CPT	UG/L	Pesticide
93721	39045		50			2,4,5-TP INCLUDES ACIDS & SALTS WATER SAMPLE	UG/L	Pesticide
116063	39053		3.0			ALDICARB IN WHOLE WATER	UG/L	Pesticide
122349	39055		4.0			SIMAZINE IN WHOLE WATER	UG/L	Pesticide
117817	39100	2000*	6.0			BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER	UG/L	General Organic
117817	39103	2000*	6.0			BIS(2-ETHYLHEXYL) PHTHALATE, DISSOLVED	UG/L	General Organic
117817	39104	2000*	6.0			BIS(2-ETHYLHEXYL) PHTHALATE, SUSPENDED	UG/L	General Organic
	39117	0.94*		2.994*		PHTHLATE ESTERS IN WATER	MG/L	General Organic
75014	39175		2.0			VINYL CHLORIDE-WHOLE WATER SAMPLE	UG/L	General Organic
79016	39180	45000*	5.0	2000*		TRICHLOROETHYLENE-WHOLE WATER SAMPLE	UG/L	General Organic
50293	39300	1.1		0.13		P,P' DDT IN WHOLE WATER SAMPLE	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
72548	39310	0.6*		3.6*		P,P' DDD IN WHOLE WATER SAMPLE	UG/L	Pesticide
72559	39320	1050*		14*		P,P' DDE IN WHOLE WATER SAMPLE	UG/L	Pesticide
309002	39330	3.0		1.3		ALDRIN IN WHOLE WATER SAMPLE	UG/L	Pesticide
309002	39331	3.0		1.3		ALDRIN IN FILT. FRAC. OF WAT. SAMP.	UG/L	Pesticide
309002	39332	3.0		1.3		ALDRIN IN SUSP. FRAC. OF WAT. SAMP.	UG/L	Pesticide
58899	39340	2.0	0.2	0.16		GAMMA-BHC(LINDANE), WHOLE WATER	UG/L	Pesticide
58899	39341	2.0	0.2	0.16		GAMMA-BHC(LINDANE), DISSOLVED	UG/L	Pesticide
58899	39342	2.0	0.2	0.16		GAMMA-BHC(LINDANE), SUSPENDED	UG/L	Pesticide
57749	39350	2.4	2.0	0.09		CHLORDANE(TECH MIX & METABS), WHOLE WATER	UG/L	Pesticide
57749	39352	2.4	2.0	0.09		CHLORDANE(TECH MIX & METABS), DISSOLVED	UG/L	Pesticide
57749	39353	2.4	2.0	0.09		CHLORDANE(TECH MIX & METABS), SUSPENDED	UG/L	Pesticide
72548	39360	0.6*		3.6*		DDD IN WHOLE WATER SAMPLE	UG/L	Pesticide
72548	39361	0.6*		3.6*		DDD IN FILT. FRAC. OF WATER SMAPLE	UG/L	Pesticide
72548	39362	0.6*		3.6*		DDD IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
72559	39365	1050*		14*		DDE IN WHOLE WATER SAMPLE	UG/L	Pesticide
72559	39366	1050*		14*		DDE IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
72559	39367	1050*		14*		DDE IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
50293	39370	1.1		0.13		DDT IN WHOLE WATER SAMPLE	UG/L	Pesticide
50293	39371	1.1		0.13		DDT IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
50293	39372	1.1		0.13		DDT IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
60571	39380	2.5		0.71		DIELDRIN IN WHOLE WATER SAMPLE	UG/L	Pesticide
60571	39381	2.5		0.71		DIELDRIN IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
60571	39382	2.5		0.71		DIELDRIN IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
115297	39388	0.22		0.034		ENDOSULFAN IN WHOLE WATER SAMPLE	UG/L	Pesticide
72208	39390	0.18	2.0	0.037		ENDRIN IN WHOLE WATER SAMPLE	UG/L	Pesticide
72208	39391	0.18	2.0	0.037		ENDRIN IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
72208	39392	0.18	2.0	0.037		ENDRIN IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
8001352	39400	0.73	3.0	0.21		TOXAPHENE IN WHOLE WATER SAMPLE	UG/L	Pesticide
8001352	39401	0.73	3.0	0.21		TOXAPHENE IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
8001352	39402	0.73	3.0	0.21		TOXAPHENE IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
76448	39410	0.52	0.4	0.053		HEPTACHLOR IN WHOLE WATER SAMPLE	UG/L	Pesticide
76448	39411	0.52	0.4	0.053		HEPTACHLOR IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
76448	39412	0.52	0.4	0.053		HEPTACHLOR IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
1024573	39420	0.52	0.2	0.053		HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	UG/L	Pesticide
1024573	39421	0.52	0.2	0.053		HEPTACHLOR EPOXIDE IN FILT. FRAC. WATER SAMPLE	UG/L	Pesticide
1024573	39422	0.52	0.2	0.053		HEPTACHLOR EPOXIDE IN SUSP. FRAC. WATER SAMPLE	UG/L	Pesticide
72435	39478		40			METHOXYCHLOR IN WHOLE WATER DISSOLVED	UG/L	Pesticide
72435	39479		40			METHOXYCHLOR IN WHOLE WATER SUSPENDED	UG/L	Pesticide
72435	39480		40			METHOXYCHLOR IN WHOLE WATER SAMPLE	UG/L	Pesticide
56382	39540	0.065				PARATHION IN WHOLE WATER SAMPLE	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
56382	39542	0.065				PARATHION IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
56382	39543	0.065				PARATHION IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
1912249	39630		3.0			ATRAZINE(AATREX) IN WHOLE WATER SAMPLE	UG/L	Pesticide
1912249	39632		3.0			ATRAZINE DISSOLVED IN WATER	PPB	Pesticide
118741	39700	6.0[P]	1.0			HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	UG/L	General Organic
87683	39702	90[*]		32[*]		HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE	UG/L	General Organic
1918021	39720		500			PICLORAM IN WHOLE WATER SAMPLE	UG/L	Pesticide
94757	39730		70			2,4-D IN WHOLE WATER SAMPLE	UG/L	Pesticide
94757	39732		70			2,4-D IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
94757	39733		70			2,4-D IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
93721	39760		50			SILVEX IN WHOLE WATER SAMPLE	UG/L	Pesticide
93721	39762		50			SILVEX IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
93721	39763		50			SILVEX IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
58899	39782	2.0	0.2	0.16		LINDANE IN WHOLE WATER SAMPLE	UG/L	Pesticide
1071836	39941		700			ROUNDUP IN WHOLE WATER SAMPLE (GLYPHOSATE)	UG/L	Pesticide
7782505	45650	0.019		0.013		CHLORINE, IN ORGANIC COMPOUNDS, WATER, WHOLE	MG/L	General Inorganic
56382	46315	0.065				ETHYL PARATHION IN WHOLE WATER SAMPLE	UG/L	Pesticide
58899	46322	2.0	0.2	0.16		LINDANE PLUS ISOMERS IN WHOLE WATER SAMPLE	UG/L	Pesticide
76448	46326	0.52	0.4	0.053		HEPTACHLOR AND METABOLITES IN WHOLE H2O SAMPLE	UG/L	Pesticide
15972608	46342		2.0			ALACHLOR (LASSO), WATER, DISSOLVED	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7782505	46472	0.019		0.013		CHLORINE, TOTAL RESIDUAL, AVERAGE VALUE, WATER	MG/L	General Inorganic
7782505	46473	0.019		0.013		CHLORINE, FREE AVAILABLE, AVERAGE VALUE, WATER	MG/L	General Inorganic
57125	46479	22	200	1.0		CYANIDE, DISSOLVED, WATER	UG/L	General Inorganic
7440382	46551	360	50	69		ARSENIC, FIELD ACIDIFIED W/HNO3, LAB FILTERED	UG/L	Metal
7440393	46558		2000			BARIUM, FIELD ACIDIFIED W/HNO3-LAB FILT	UG/L	Metal
7440439	46559	3.9[+]	5.0	43		CADMIUM,FIELD ACIDIFIED-HNO3-LAB FILTER	UG/L	Metal
7440473	46560		100			CHROMIUM, FIELD ACIDIFIED-HNO3-LAB FILT.	UG/L	Metal
7440508	46562	18[+]	1300[a]	2.9		COPPER, FIELD ACIDIFIED-HNO3- LAB FILTER.	UG/L	Metal
7439921	46564	82[+]	15[a]	220		LEAD, FIELD ACIDIFIED-HNO3-LAB FILTERED	UG/L	Metal
7440224	46566	4.1[+]	100[s]	0.12		SILVER, FIELD ACIDIFIED-HNO3-LAB FILTER.	UG/L	Metal
7440666	46567	120[+]	5000[s]	95		ZINC, EXTRACTABLE, FIELD ACID W/HNO3,LAB FILTR	UG/L	Metal
56382	49011	0.065				UNKNOWNS AS PARATHION IN WHOLE WATER SAMPLE	UG/L	Pesticide
7782505	50058	0.019		0.013		CHLORINE DOSE	MG/L	General Inorganic
7782505	50060	0.019		0.013		CHLORINE, TOTAL RESIDUAL	MG/L	General Inorganic
7782505	50064	0.019		0.013		CHLORINE, FREE AVAILABLE	MG/L	General Inorganic
7782505	50066	0.019		0.013		CHLORINE, COMBINED AVAILABLE	MG/L	General Inorganic
7782505	50074	0.019		0.013		CHLORITE, WHOLE WATER	MG/L	General Inorganic
	61215				200[^]	FECAL COLIFORM, GENERAL #/100ML	#/100ML	Bacteriological
16887006	70352	860	250[s]			CHLORIDE, ORGANIC	MG/L	General Organic
14797558	71850		44			NITRATE NITROGEN, TOTAL (AS NO3)	MG/L	Nitrogen

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
14797558	71851		44			NITRATE NITROGEN, DISSOLVED (AS NO3)	MG/L	Nitrogen
14797650	71855		3.3			NITRITE NITROGEN, TOTAL (AS NO2)	MG/L	Nitrogen
14797650	71856		3.3			NITRITE NITROGEN, DISSOLVED (AS NO2)	MG/L	Nitrogen
7439976	71890	2.4	2.0	2.1		MERCURY, DISSOLVED	UG/L	Metal
7439976	71895	2.4	2.0	2.1		MERCURY, SUSPENDED	UG/L	Metal
7439976	71900	2.4	2.0	2.1		MERCURY, TOTAL	UG/L	Metal
7439976	71901	2.4	2.0	2.1		MERCURY,TOTAL RECOVERABLE IN WATER AS HG	UG/L	Metal
7440439	71946	3.9[+]	5.0	43		CADMIUM, EXTRACTABLE	UG/L	Metal
7440473	71947		100			CHROMIUM, EXTRACTABLE	UG/L	Metal
7439921	71949	82[+]	15[a]	220		LEAD, EXTRACTABLE	UG/L	Metal
7440666	71950	120[+]	5000[s]	95		ZINC, EXTRACTABLE	UG/L	Metal
7440508	71951	18[+]	1300[a]	2.9		COPPER, EXTRACTABLE	UG/L	Metal
1336363	76011	2000	500	10000		PCBS, SUSPENDED, WATER	NG/L	General Organic
1336363	76012	2000	500	10000		PCBS, TOTAL RECOVERABLE, WATER	NG/L	General Organic
156592	77093		70			CIS-1,2-DICHLOROETHYLENE, WHOLE WATER	UG/L	General Organic
100425	77128		100			STYRENE, WHOLE WATER	UG/L	General Organic
106489	77296			29700[*]		P-CHLOROPHENOL, WHOLE WATER	UG/L	General Organic
106934	77651		0.05			1,2-DIBROMOETHANE, WHOLE WATER	UG/L	General Organic
95954	77687	100[p]		240[p]		2,4,5-TRICHLOROPHENOL, WHOLE WATER	UG/L	General Organic
935955	77769			440[*]		2,3,5,6-TETRACHLOROPHENOL, WHOLE WATER	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
103231	77903		400			BIS (2-ETHYLHEXYL) ADIPATE, WHOLE WATER	UG/L	General Organic
18540299	78247	16	100	1100		CHROMIUM, HEXAVALENT, TOTAL RECOVERABLE	UG/L	Metal
57125	78248	22	200	1.0		CYANIDE, TOTAL RECOVERABLE, WATER, WHOLE	UG/L	Metal
	78456	11*		12*		HALOMETHANES, SUMMATION, WHOLE WATER	MG/L	General Organic
14808798	78462		250[s]			SULFATE, WATER, DISSOLVED AS S	MG/L	Metal
85007	78885		20			DIQUAT DIBROMIDE (REGLONE) WHOLE WATER SAMPLE	UG/L	Pesticide
7440611	80020		20[c]			URANIUM, DISS. BY EXTRACTION FLUOROMETRIC	UG/L	Radiological
16065831	80357	1700	100	10300*		CHROMIUM, TRIVALENT, DISSOLVED	UG/L	Metal
57125	81208	0.022	0.2	0.001		CYANIDE,FREE (NOT AMENABLE TO CHLORINATION)	MG/L	General Inorganic
608731	81283	100*		0.34*		BENZENEHEXACHLORIDE, WHOLE WATER	UG/L	Pesticide
88857	81287		7.0			DNBP(C10H12N2O5), WHOLE WATER SAMPLE	UG/L	Pesticide
26638197	81327	23000*	5.0	10300*		DICHLOROPROPANE, WHOLE WATER SAMPLE	UG/L	General Organic
25321226	81333	1120*		1970*		DICHLOROBENZENE ISOMER, WHOLE WATER SAMPLE	UG/L	General Organic
2921882	81403	0.083		0.011		DURSBAN (CHLOROPYRIFOS) WHOLE WATER SAMPLE	UG/L	Pesticide
1563662	81405		40			CARBOFURAN (EURADAN) WHOLE WATER SAMPLE	UG/L	Pesticide
76017	81501	7240*		390*		PENTACHLOROETHANE, WHOLE WATER SAMPLE	UG/L	General Organic
25321226	81524	1120*		1970*		DICHLOROBENZENE, WHOLE WATER SAMPLE	UG/L	General Organic
25322207	81549	9320*				TETRACHLOROETHANE, WHOLE WATER SAMPLE	UG/L	General Organic
26638197	81703	23*	0.005*	10.3*		DICHLOROPROPANE, WHOLE WATER SAMPLE	MG/L	General Organic
7440508	81750	18+	1300[a]	2.9		COPPER, INTERSTITIAL WATERFROM SEDIMENTS	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7440020	81752	1400[+]	100	75		NICKEL, INTERSTITIAL WATER FROM SEDIMENTS	UG/L	Metal
7440666	81754	120[+]	5000[s]	95		ZINC, INTERSTITIAL WATER FROM SEDIMENTS	UG/L	Metal
25323891	81853	18000[*]				TRICHLOROETHANE, WHOLE WATER SAMPLE	UG/L	General Organic
7439976	81931	2.4	2.0	2.1		MERCURY (HG) SUSPENDED FRACTION OF WATER	UG/G	Metal
7440666	81933	120[+]	5000[s]	95		ZINC (ZN) SUSPENDED FRACTION OF WATER	UG/G	Metal
7439921	81936	82[+]	15[a]	220		LEAD (PB) DISSOLVED CATIONIC SPECIES	UG/L	Metal
7440439	81937	3.9[+]	5.0	43		CADMIUM (CD) DISSOLVED CATIONIC SPECIES	UG/L	Metal
7440473	81938		100			CHROMIUM (CR) DISSOLVED CATIONIC SPECIES	UG/L	Metal
7440508	81939	18[+]	1300[a]	2.9		COPPER (CU) DISSOLVED CATIONIC SPECIES	UG/L	Metal
7440666	81940	120[+]	5000[s]	95		ZINC (ZN) DISSOLVED CATIONIC SPECIES	UG/L	Metal
7440473	81941		100			CHROMIUM (CR) DISSOLVED ANIONIC SPECIES	UG/L	Metal
7440508	81942	18[+]	1300[a]	2.9		COPPER (CU) DISSOLVED ANIONIC SPECIES	UG/L	Metal
7440666	81943	120[+]	5000[s]	95		ZINC (ZN) DISSOLVED ANIONIC SPECIES	UG/L	Metal
	82078				50[t]	TURBIDITY, FIELD	NTU	Physical
	82079				50[t]	TURBIDITY, LAB	NTU	Physical
88857	82226		7.0			2 SECONDARY BUTYL 4,6-DINITROPHENOL	UG/L	Pesticide
16887006	82295	860000	250000[s]			CHLORIDE DISSOLVED AS CL IN WATER	UG/L	General Inorganic
72435	82350		40			METHOXYCHLOR, DISSOLVED IN WATER	UG/L	Pesticide
72435	82351		40			METHOXYCHLOR, SUSPENDED IN WATER	UG/L	Pesticide
115297	82354	0.22		0.034		ENDOSULFAN, DISSOLVED IN WATER	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
115297	82355	0.22		0.034		ENDOSULFAN, SUSPENDED IN WATER	UG/L	Pesticide
57125	82573	0.022	0.2	0.001		CYANIDE/CHLORINATION IN WATER	MG/L	General Inorganic
1646873	82586		4.0			ALDICARB SULFOXIDE, WATER, TOTAL RECOVERABLE	UG/L	General Organic
1646884	82587		2.0			ALDICARB SULFONE, WHOLE WATER, TOTAL RECOVERABLE	UG/L	General Organic
23135220	82613		200			OXAMYL, WHOLE WATER, TOTAL RECOVERABLE	UG/L	Pesticide
1563662	82615		40			CARBOFURAN, WHOLE WATER, TOTAL RECOVERABLE	UG/L	Pesticide
116063	82619		3.0			ALDICARB, WHOLE WATER, TOTAL RECOVERABLE	UG/L	Pesticide
33213659	82624	0.22		0.034		ENDOSULFAN, BETA, WH WATER, TOTAL RECOVERABLE	UG/L	Pesticide
96128	82625		0.2			DIBROMOCHLOROPROPANE, WATER, TOTAL RECOVERABLE	UG/L	Pesticide
7440382	82702	360	50	69		ARSENIC, FIELD ACIDIFIED, DECANTED, WATER	UG/L	Metal
7440393	82703		2			BARIUM, FIELD ACIDIFIED, DECANTED, WATER	MG/L	Metal
7440417	82704	130*	4.0			BERYLLIUM, FIELD ACIDIFIED, DECANTED, WATER	UG/L	Metal
7440439	82705	3.9+	5.0	43		CADMIUM, FIELD ACIDIFIED, DECANTED, WATER	UG/L	Metal
7440473	82706		100			CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER	UG/L	Metal
7440508	82708	18+	1300[a]	2.9		COPPER, FIELD ACIDIFIED, DECANTED, WATER	UG/L	Metal
7439921	82711	82+	15[a]	220		LEAD, FIELD ACIDIFIED, DECANTED, WATER	UG/L	Metal
7439976	82713	2.4	2.0	2.1		MERCURY, FIELD ACIDIFIED, DECANTED, WATER	UG/L	Metal
7440020	82715	1400+	100	75		NICKEL, FIELD ACIDIFIED, DECANTED, WATER	UG/L	Metal
7440224	82716	4.1+	100[s]	0.12		SILVER, FIELD ACIDIFIED, DECANTED, WATER	UG/L	Metal
7440666	82719	120+	5000[s]	95		ZINC, FIELD ACIDIFIED, DECANTED, WATER	UG/L	Metal

Footnote Key:

[*]Insufficient Data to Develop Criteria. Value Presented is the L.O.E.L. - Lowest Observed Effect Level.

[+]Hardness Dependent Criteria (100 mg/L $CaCO_3$ Used).

[***]pH Dependent Criteria (7.8 pH Used).

[=]Rule of thumb criterion used by the NPS Air Quality Division for determining sensitivity to acid deposition.

[^]Freshwater bathing criterion, EPA geometric mean based on at least 5 samples equally spaced over a 30-day period; Enterococci marine water bathing criterion 35 CFU/100 ml.

[#]EPA freshwater aquatic life chronic criterion; marine criterion is ≤6.5, ≥8.5.

[!]Arizona state standard.

[a]EPA action level, 40 CFR 141.80.

[b]California and Florida state bathing water standards.

[c]A Compilation of Water Quality Goals, California Regional Water Quality Control Board Central Valley Region, Sacramento, California, September, 1991.

[n]Total coliform drinking water maximum contaminant level (1 cfu/100ml or 1 mpn/100ml) was not used in water quality criteria comparisons.

[p]Proposed Criterion.

[r]Average annual concentration assumed to produce a total body or organ dose of 4 mrem/year, 40 CFR 141.16.

[s]EPA National Secondary Drinking Water Regulation, 40 CFR 143.

[t]The maximum contaminant level for the sum of the concentrations of trihalomethanes is 100 µg/L, 40 CFR 141.12.

[u]Coldwater criterion one day minimum; warmwater criterion seven day mean minimum.

Appendix G

Inventory Data Evaluation and Analysis (IDEA)
Servicewide Inventory and Monitoring Program "Level I"
Parameter Groups

The following table provides the Servicewide Inventory and Monitoring Program's "Level I" water quality inventory parameter groups (National Park Service 1993). In order to determine the presence and/or absence of data for each of these parameter groups in the park, the parameter groups had to be defined by STORET parameter codes. This table provides the STORET codes and parameter descriptions for each parameter comprising one of the Servicewide Inventory and Monitoring Program's "Level I" water quality parameter groups. Additional parameters could have been incorporated into each group, but an effort was made to represent each group with the parameters deemed to most likely occur in STORET and parks. The Toxic Elements Parameter Group was defined as the EPA's Clean Water Act Section 304(a) Priority Toxic Pollutants (40 CFR 131.36). Parameters are listed in ascending order of STORET code within each parameter group. It is important to note that similar parameters often have non-consecutive codes. Consequently, scanning the entire list is necessary to find all the parameters of a particular type (eg. lead, copper, etc.). Refer to the Parameter Period of Record Tabulation to obtain the STORET code for any parameter measured in the park.

STORET Code	Water Temperature Parameter Group	C.A.S. Number
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	-
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	-
STORET Code	**Flow Parameter Group[1]**	**C.A.S. Number**
00056	FLOW RATE, GALLONS/DAY	-
00058	FLOW RATE, GALLONS/MIN.	-
00059	FLOW RATE, INSTANTANEOUS, GALLONS/MINUTE	-
00060	FLOW, STREAM, MEAN DAILY CFS	-
00061	FLOW, STREAM, INSTANTANEOUS CFS	-
00065	STAGE, STREAM (FEET)	-
00067	TIDE STAGE CODE	-
00072	STAGE, STREAM (METERS)	-

[1]Tide stage is included in the Flow Parameter Group for coastal parks.

STORET Code	Clarity/Turbidity Parameter Group	C.A.S. Number
00070	TURBIDITY, (JACKSON CANDLE UNITS)	-
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	-
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	-
00077	TRANSPARENCY, SECCHI DISC (INCHES)	-
00078	TRANSPARENCY, SECCHI DISC (METERS)	-
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	-
82078	TURBIDITY, FIELD NEPHELOMETRIC TURBIDITY UNITS NTU	-
82079	TURBIDITY, LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	-

STORET Code	Conductivity Parameter Group	C.A.S. Number
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	-
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	-
00096	SALINITY AT 25 DEGREES C (MG/ML)	-
00480	SALINITY - PARTS PER THOUSAND	-

STORET Code	Dissolved Oxygen Parameter Group	C.A.S. Number
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE (MG/L)	7782447
00300	OXYGEN, DISSOLVED (MG/L)	7782447
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION	7782447
00389	OXYGEN, DISSOLVED, LAB ANAL. BY PROBE OF FIELD SAMPLE (MG/L)	7782447

STORET Code	pH Parameter Group	C.A.S. Number
00400	PH (STANDARD UNITS)	-
00403	PH, LAB (STANDARD UNITS)	-
00406	PH, FIELD (STANDARD UNITS)	-

STORET Code	Alkalinity Parameter Group	C.A.S. Number
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYSIS (μEQ/L)	471341
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	471341
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	77098
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	471341
00435	ACIDITY, TOTAL (MG/L AS CACO3)	471341
00440	BICARBONATE ION (MG/L AS HCO3)	71523
00445	CARBONATE ION (MG/L AS CO3)	3812326

STORET Code	Nitrate/Nitrogen Parameter Group	C.A.S. Number
00600	NITROGEN, TOTAL (MG/L AS N)	17778880
00602	NITROGEN, DISSOLVED (MG/L AS N)	17778880
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	17778880
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	17778880
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	17778880
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	17778880
00612	AMMONIA, UNIONZED (MG/L AS N)	7664417
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	17778880
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	17778880
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	17778880
00625	NITROGEN, KJELDAHL, TOTAL (MG/L AS N)	17778880
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	17778880
00631	NITRITE PLUS NITRATE, DISSOLVED 1 DET. (MG/L AS N)	17778880
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	14798039
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	14798039
71850	NITRATE NITROGEN, TOTAL (MG/L AS NO3)	14797558
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	14797558
71855	NITRITE NITROGEN, TOTAL (MG/L AS NO2)	14797650
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	14797650

STORET Code	Phosphate/Phosphorus Parameter Group	C.A.S. Number
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	14265442
00655	PHOSPHATE, POLY (MG/L AS PO4)	14265442
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	14265442
00665	PHOSPHORUS, TOTAL (MG/L AS P)	7723140
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	7723140
00670	PHOSPHORUS, TOTAL ORGANIC (MG/L AS P)	7723140
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	7723140
70505	PHOSPHORUS, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	7723140
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	7723140

STORET Code	Sulfates/Total Dissolved Solids/Hardness Parameter Group	C.A.S. Number
00900	HARDNESS, TOTAL (MG/L AS CACO3)	471341
00945	SULFATE, TOTAL (MG/L AS SO4)	14808798
00946	SULFATE, DISSOLVED (MG/L AS SO4)	14808798
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), (MG/L)	-

STORET Code	Chlorophyll Parameter Group	C.A.S. Number
32209	CHLOROPHYLL A (UG/L) FLUOROMETRIC CORRECTED	479618
32210	CHLOROPHYLL A (UG/L) TRICHROMATIC UNCORRECTED	479618
32211	CHLOROPHYLL A (UG/L) SPECTROPHOTOMETRIC ACID METH.	479618
32217	CHLOROPHYLL A (UG/L) FLUOROMETRIC UNCORRECTED	479618
32223	CHLOROPHYLL A (MG/M2) SPECTROPHOTOMETRIC CORRECTED	479618
32228	CHLOROPHYLL A (MG/M2) PERIPHYTON SPECTRO.	479618
32229	CHLOROPHYLL A (MG/M2) FLUOR. CORRECTED, SUBSTRATER	479618
32230	CHLOROPHYLL A (MG/L)	479618

STORET Code	Bacteria Parameter Group	C.A.S. Number
00111	RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI	-
31501	COLIFORM, TOT, MEMBRANE FILTER, IMMED., M-ENDO MED,35C	-
31503	COLIFORM, TOT, MEMBRANE FILTER, DELAY, M-ENDO MED, 35C	-
31504	COLIFORM, TOT, MEMBRANE FILTER, IMMED., LES-ENDO AGAR, 35C	-
31505	COLIFORM, TOT, MPN, CONFIRMED TEST,35C(TUBE 31506)	-
31506	COLIFORM, TOT, MPN, CONFIRMED TEST, TUBE CONFIG.	-
31507	COLIFORM, TOT, MPN, COMPLETED TEST,35C(TUBE 31508)	-
31508	COLIFORM, TOT, MPN, COMPLETED TEST, TUBE CONFIG.	-
31613	FECAL COLIFORM, MEMBR, FILTER,M-FC AGAR,44.5C,24HR	-
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	-
31615	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	-
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5C	-
31617	FECAL COLIFORM, MPN,EIJKMAN TEST,44.5C(TUBE 31618)	-
31625	FECAL COLIFORM, MF, M-FC, 0.7 UM	-
31648	E. COLI - MTEC-MF	-
31649	ENTEROCOCCI- ME-MF	-
31673	FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	-
31676	FECAL STREPTOCOCCI, MPN, KF BROTH, TUBE CONFIG.	-
31677	FECAL STREPTOCOCCI, MPN, AD-EVA, 35C (TUBE 31678)	-
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	-
61214	FECAL STREPTOCOCCI, GENERAL #/100ML	-
61215	FECAL COLIFORM, GENERAL #/100ML	-

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants)	C.A.S. Number
00718	CYANIDE, WEAK ACID, DISSOC. WATER, WHOLE (UG/L)	57125
00719	CYANIDE, FREE, IN WATER & WASTEWATERS, HBG (UG/L)	57125
00720	CYANIDE, TOTAL (MG/L AS CN)	57125
00722	CYANIDE, FREE (AMENABLE TO CHLORINATION) (MG/L)	57125

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
00723	CYANIDE, DISSOLVED STD METHOD (UG/L)	57125
00724	CYANIDE COMPLEXED TO A RANGE OF COMPNDS (UG/L)	57125
00969	CHRYSOTILE ASBESTOS FIBERS/LITER	1332214
00973	AMPHIBOLE ASBESTOS FIBERS/LITER	1332214
00976	AMBIGUOUS ASBESTOS FIBERS/LITER	1332214
00977	NON-AMPHIBOLE NON-CHRYSOTILE ASBESTOS FIBERS/LITER	1332214
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS AS	7440382
00981	SELENIUM, TOTAL RECOVERABLE IN WATER AS SE (UG/L)	7782492
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS (UG/L)	7440280
00990	SELENITE, TOTAL RECOVERABLE INORGANIC (UG/L)	7782492
00991	ARSENIC, TOTAL RECOVER. TRIVALENT INORGANIC (UG/L)	7440382
00995	ARSENIC, INORGANIC DISSOLVED (UG/L AS AS)	7440382
00996	ARSENIC, INORGANIC SUSPENDED (UG/L AS AS)	7440382
00997	ARSENIC, INORGANIC TOTAL (UG/L AS AS)	7440382
00998	BERYLLIUM, TOTAL RECOVERABLE IN WATER AS BE (UG/L)	7440417
01000	ARSENIC, DISSOLVED (UG/L AS AS)	7440382
01001	ARSENIC, SUSPENDED (UG/L AS AS)	7440382
01002	ARSENIC, TOTAL (UG/L AS AS)	7440382
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	7440417
01011	BERYLLIUM, SUSPENDED (UG/L AS BE)	7440417
01012	BERYLLIUM, TOTAL (UG/L AS BE)	7440417
01025	CADMIUM, DISSOLVED (UG/L AS CD)	7440439
01026	CADMIUM, SUSPENDED (UG/L AS CD)	7440439
01027	CADMIUM, TOTAL (UG/L AS CD)	7440439
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	7440473
01031	CHROMIUM, SUSPENDED (UG/L AS CR)	7440473
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	7440473
01033	CHROMIUM, TRI-VAL (UG/L AS CR)	16065831
01034	CHROMIUM, TOTAL (UG/L AS CR)	7440473

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
01040	COPPER, DISSOLVED (UG/L AS CU)	7440508
01041	COPPER, SUSPENDED (UG/L AS CU)	7440508
01042	COPPER, TOTAL (UG/L AS CU)	7440508
01049	LEAD, DISSOLVED (UG/L AS PB)	7439921
01050	LEAD, SUSPENDED (UG/L AS PB)	7439921
01051	LEAD, TOTAL (UG/L AS PB)	7439921
01057	THALLIUM, DISSOLVED (UG/L AS TL)	7440280
01058	THALLIUM, SUSPENDED (UG/L AS TL)	7440280
01059	THALLIUM, TOTAL (UG/L AS TL)	7440280
01065	NICKEL, DISSOLVED (UG/L AS NI)	7440020
01066	NICKEL, SUSPENDED (UG/L AS NI)	7440020
01067	NICKEL, TOTAL (UG/L AS NI)	7440020
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI (UG/L)	7440020
01075	SILVER, DISSOLVED (UG/L AS AG)	7440224
01076	SILVER, SUSPENDED (UG/L AS AG)	7440224
01077	SILVER, TOTAL (UG/L AS AG)	7440224
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG (UG/L)	7440224
01089	COPPER AS SUSPENDED BLACK OXIDE IN WATER (MG/L)	7440508
01090	ZINC, DISSOLVED (UG/L AS ZN)	7440666
01091	ZINC, SUSPENDED (UG/L ZN)	7440666
01092	ZINC, TOTAL (UG/L AS ZN)	7440666
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN (UG/L)	7440666
01095	ANTIMONY, DISSOLVED (UG/L AS SB)	7440360
01096	ANTIMONY, SUSPENDED (UG/L AS SB)	7440360
01097	ANTIMONY, TOTAL (UG/L AS SB)	7440360
01113	CADMIUM, TOTAL RECOVERABLE IN WATER AS CD (UG/L)	7440439
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB (UG/L)	7439921
01118	CHROMIUM, TOTAL RECOVERABLE IN WATER AS CR (UG/L)	7440473
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU (UG/L)	7440508

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
01124	THALLIUM, ACID SOLUBLE, WATER, WHOLE (UG/L)	7440280
01128	THALLIUM,TOTAL RECOVERABLE <95%, UG/L AS TL	7440280
01138	SELENIUM, IN WATER, LBS/DAY	7782492
01145	SELENIUM, DISSOLVED (UG/L AS SE)	7782492
01146	SELENIUM, SUSPENDED (UG/L AS SE)	7782492
01147	SELENIUM, TOTAL (UG/L AS SE)	7782492
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE (UG/L)	7782492
01220	CHROMIUM, HEXAVALENT, DISSOLVED IN (UG/L AS CR)	18540299
01252	ARSENIC, LB/DAY/CFS STREAM FLOW	7440382
01253	CADMIUM, LB/DAY/CFS STREAM FLOW	7440439
01254	CHROMIUM, TOTAL (LBS/DAY/CFS STREAM FLOW)	7740473
01255	CHROMIUM, HEXAVALENT, LB/DAY/CFS STREAM FLOW	18540299
01256	COPPER, LB/DAY/CFS STREAM FLOW	7440508
01257	CYANIDE LB/DAY/CFS STREAM FLOW	57125
01259	LEAD, LB/DAY/CFS STREAM FLOW	7439921
01260	MERCURY, LB/DAY/CFS STREAM FLOW	7439976
01261	NICKEL, LB/DAY/CFS STREAM FLOW	7440020
01263	SILVER, LB/DAY/CFS STREAM FLOW	7440224
01264	ZINC LB/DAY/CFS STREAM FLOW	7440666
01268	ANTIMONY, (SB), WATER, TOTAL RECOVERABLE (UG/L)	7440360
01291	CYANIDE, FILTERABLE, TOTAL IN WATER (UG/L)	57125
01303	ZINC, POTENTIALLY DISSOLVED WATER (MG/L)	7440666
01304	SILVER, POTENTIALLY DISSOLVED WATER (MG/L)	7440224
01306	COPPER, POTENTIALLY DISSOLVED WATER (MG/L)	7440508
01307	CHROMIUM, HEXAVALENT, POTENT. DISS. WATER (MG/L)	18540299
01309	ARSENIC, POTENTIALLY, DISSOLVED, WATER (MG/L)	7440382
01312	BERYLLIUM, POTENTIALLY, DISSOLVED, WATER (MG/L)	7440417
01313	CADMIUM, POTENTIALLY, DISSOLVED, WATER (MG/L)	7440439

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
01314	CHROMIUM, TRIVALENT, POTENT., DISS., WATER (MG/L)	16065831
01318	LEAD, POTENTIALLY, DISSOLVED, WATER (MG/L)	7439921
01321	MERCURY, POTENTIALLY, DISSOLVED, WATER (MG/L)	7439976
01322	NICKEL, POTENTIALLY, DISSOLVED, WATER (MG/L)	7440020
01323	SELENIUM, POTENTIALLY, DISSOLVED, WATER (MG/L)	7782492
01324	THALLIUM, POTENTIALLY, DISSOLVED, WATER (MG/L)	7440280
01523	SILVER, IONIC (UG/L)	7440224
22675	SELENIUM, DISSOLVED ORGANIC (UG/L)	7782492
22676	SELENIUM, HEXAVALENT, DISSOLVED (UG/L)	7782492
22677	SELENIUM, TETRAVALENT, DISSOLVED	7782492
22678	ARSENIC, DISSOLVED ORGANIC (UG/L)	7440382
22679	ARSENIC, PENTAVALENT, DISSOLVED (UG/L)	7440382
22680	ARSENIC, TRIVALENT, DISSOLVED (UG/L)	7440382
30197	2-CHLOROETHYLVINYL ETHER,WATER,WHL,RECOVER (UG/L)	110758
30201	CHLOROMETHANE, WATER, WHOLE, RECOVERABLE (UG/L)	74873
30202	BROMOMETHANE, WATER, WHOLE, RECOVERABLE (UG/L)	74839
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXT. (UG/L)	67663
32005	CARBON CHLOROFORM EXTRACTABLES (UG/L)	67663
32021	CARBON CHLOROFORM EXTRACTS, ETHER INSOLUBLE (UG/L)	67663
32022	CARBON CHLOROFORM EXTRACTS, WATER SOLUBLES (UG/L)	67663
32101	BROMODICHLOROMETHANE, WHOLE WATER (UG/L)	75274
32102	CARBON TETRACHLORIDE, WHOLE WATER, (UG/L)	56235
32103	1,2-DICHLOROETHANE, WHOLE WATER (UG/L)	107062
32104	BROMOFORM, WHOLE WATER, (UG/L)	75252
32105	DIBROMOCHLOROMETHANE, WHOLE WATER, (UG/L)	124481
32106	CHLOROFORM, WHOLE WATER (UG/L)	67663
32260	CARBON TETRACHLORIDE EXTRACTABLES (MG/L)	56235
32270	CHLOROFORM EXTRACTABLES TOTAL IN MG PER LITER	67663

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXT. (UG/L)	108883
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXT. (UG/L)	71432
34198	BHC-DELTA, WATER, WHOLE (LBS/DAY)	319868
34200	ACENAPHTHYLENE, TOTAL (UG/L)	208968
34201	ACENAPHTHYLENE, DISSOLVED (UG/L)	208968
34202	ACENAPHTHYLENE, SUSPENDED (UG/L)	208968
34205	ACENAPHTHENE, TOTAL (UG/L)	83329
34206	ACENAPHTHENE, DISSOLVED (UG/L)	83329
34207	ACENAPHTHENE, SUSPENDED (UG/L)	83329
34210	ACROLEIN, TOTAL (UG/L)	107028
34211	ACROLEIN, DISSOLVED (UG/L)	107028
34212	ACROLEIN, SUSPENDED (UG/L)	107028
34215	ACRYLONITRILE, TOTAL (UG/L)	107131
34216	ACRYLONITRILE, DISSOLVED (UG/L)	107131
34217	ACRYLONITRILE, SUSPENDED (UG/L)	107131
34220	ANTHRACENE, TOTAL (UG/L)	120127
34221	ANTHRACENE, DISSOLVED (UG/L)	120127
34222	ANTHRACENE, SUSPENDED (UG/L)	120127
34225	ASBESTOS (FIBROUS) TOTAL (UG/L)	1332214
34226	ASBESTOS (FIBROUS) DISSOLVED (UG/L)	1332214
34227	ASBESTOS (FIBROUS) SUSPENDED (UG/L)	1332214
34230	BENZO(B)FLUORANTHENE, WHOLE WATER (UG/L)	205992
34231	BENZO(B)FLUORANTHENE, DISSOLVED (UG/L)	205992
34232	BENZO(B)FLUORANTHENE, SUSPENDED (UG/L)	205992
34235	BENZENE, DISSOLVED (UG/L)	71432
34236	BENZENE, SUSPENDED (UG/L)	71432
34239	BENZIDINE, DISSOLVED (UG/L)	92875
34240	BENZIDINE, SUSPENDED (UG/L)	92875

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34242	BENZO(K)FLUORANTHENE, TOTAL (UG/L)	207089
34243	BENZO(K)FLUORANTHENE, DISSOLVED (UG/L)	207089
34244	BENZO(K)FLUORANTHENE, SUSPENDED (UG/L)	207089
34247	BENZO-A-PYRENE, TOTAL (UG/L)	50328
34248	BENZO-A-PYRENE, DISSOLVED (UG/L)	50328
34249	BENZO-A-PYRENE, SUSPENDED (UG/L)	50328
34253	A-BHC-ALPHA, DISSOLVED (UG/L)	319846
34254	A-BHC-ALPHA, SUSPENDED (UG/L)	319846
34255	B-BHC-BETA, DISSOLVED (UG/L)	319857
34256	B-BHC-BETA, SUSPENDED (UG/L)	319857
34259	DELTA BENZENE HEXACHLORIDE, TOTAL (UG/L)	319868
34260	DELTA BENZENE HEXACHLORIDE, DISSOLVED (UG/L)	319868
34261	DELTA BENZENE HEXACHLORIDE, SUSPENDED (UG/L)	319868
34265	R-BHC (LINDANE) GAMMA, DISSOLVED (UG/L)	58899
34266	R-BHC (LINDANE) GAMMA, SUSPENDED (UG/L)	58899
34273	BIS (2-CHLOROETHYL) ETHER, TOTAL (UG/L)	111444
34274	BIS (2-CHLOROETHYL) ETHER, DISSOLVED (UG/L)	111444
34275	BIS (2-CHLOROETHYL) ETHER, SUSPENDED (UG/L)	111444
34278	BIS (2-CHLOROETHOXY) METHANE, TOTAL (UG/L)	111911
34279	BIS (2-CHLOROETHOXY) METHANE, DISSOLVED (UG/L)	111911
34280	BIS (2-CHLOROETHOXY) METHANE, SUSPENDED (UG/L)	111911
34288	BROMOFORM, DISSOLVED (UG/L)	75252
34289	BROMOFORM, SUSPENDED (UG/L)	75252
34292	N-BUTYL BENZYL PHTHALATE, WHOLE WATER (UG/L)	85687
34293	N-BUTYL BENZYL PHTHALATE, DISSOLVED (UG/L)	85687
34294	N-BUTYL BENZYL PHTHALATE, SUSPENDED (UG/L)	85687
34297	CARBON TETRACHLORIDE, DISSOLVED (UG/L)	56235
34298	CARBON TETRACHLORIDE, SUSPENDED (UG/L)	56235

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34301	CHLOROBENZENE, TOTAL (UG/L)	108907
34302	CHLOROBENZENE, DISSOLVED (UG/L)	108907
34303	CHLOROBENZENE, SUSPENDED (UG/L)	108907
34306	CHLORODIBROMOMETHANE, TOTAL (UG/L)	124481
34307	CHLORODIBROMOMETHANE, DISSOLVED (UG/L)	124481
34308	CHLORODIBROMOMETHANE, SUSPENDED (UG/L)	124481
34311	CHLOROETHANE, TOTAL (UG/L)	75003
34312	CHLOROETHANE, DISSOLVED (UG/L)	75003
34313	CHLOROETHANE, SUSPENDED (UG/L)	75003
34316	CHLOROFORM, DISSOLVED (UG/L)	67663
34317	CHLOROFORM, SUSPENDED (UG/L)	67663
34320	CHRYSENE, TOTAL (UG/L)	218019
34321	CHRYSENE, DISSOLVED (UG/L)	218019
34322	CHRYSENE, SUSPENDED (UG/L)	218019
34325	CYANIDE, SUSPENDED (MG/L)	57125
34327	DI-N-BUTYL PHTHALATE, DISSOLVED (UG/L)	84742
34328	DICHLOROBROMOMETHANE, DISSOLVED (UG/L)	75274
34329	DICHLOROBROMOMETHANE, SUSPENDED (UG/L)	75274
34336	DIETHYL PHTHALATE, TOTAL (UG/L)	84662
34337	DIETHYL PHTHALATE, DISSOLVED (UG/L)	84662
34338	DIETHYL PHTHALATE, SUSPENDED (UG/L)	84662
34341	DIMETHYL PHTHALATE, TOTAL (UG/L)	131113
34342	DIMETHYL PHTHALATE, DISSOLVED (UG/L)	131113
34343	DIMETHYL PHTHALATE, SUSPENDED (UG/L)	131113
34346	1,2-DIPHENYLHYDRAZINE, TOTAL (UG/L)	122667
34347	1,2-DIPHENYLHYDRAZINE, DISSOLVED (UG/L)	122667
34348	1,2-DIPHENYLHYDRAZINE, SUSPENDED (UG/L)	122667
34351	ENDOSULFAN SULFATE, TOTAL (UG/L)	1031078

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34352	ENDOSULFAN SULFATE, DISSOLVED (UG/L)	1031078
34353	ENDOSULFAN SULFATE, SUSPENDED (UG/L)	1031078
34356	ENDOSULFAN, BETA, TOTAL (UG/L)	33213659
34357	ENDOSULFAN, BETA, DISSOLVED (UG/L)	33213659
34358	ENDOSULFAN, BETA, SUSPENDED (UG/L)	33213659
34361	ENDOSULFAN, ALPHA, TOTAL (UG/L)	959988
34362	ENDOSULFAN, ALPHA, DISSOLVED (UG/L)	959988
34363	ENDOSULFAN, ALPHA, SUSPENDED (UG/L)	959988
34371	ETHYLBENZENE, TOTAL (UG/L)	100414
34372	ETHYLBENZENE, DISSOLVED (UG/L)	100414
34373	ETHYLBENZENE, SUSPENDED (UG/L)	100414
34376	FLUORANTHENE, TOTAL (UG/L)	206440
34377	FLUORANTHENE, DISSOLVED (UG/L)	206440
34378	FLUORANTHENE, SUSPENDED (UG/L)	206440
34381	FLUORENE, TOTAL (UG/L)	86737
34382	FLUORENE, DISSOLVED (UG/L)	86737
34383	FLUORENE, SUSPENDED (UG/L)	86737
34386	HEXACHLOROCYCLOPENTADIENE, TOTAL (UG/L)	77474
34387	HEXACHLOROCYCLOPENTADIENE, DISSOLVED (UG/L)	77474
34388	HEXACHLOROCYCLOPENTADIENE, SUSPENDED (UG/L)	77474
34391	HEXACHLOROBUTADIENE, TOTAL (UG/L)	87683
34392	HEXACHLOROBUTADIENE, DISSOLVED (UG/L)	87683
34393	HEXACHLOROBUTADIENE, SUSPENDED (UG/L)	87683
34396	HEXACHLOROETHANE, TOTAL (UG/L)	67721
34397	HEXACHLOROETHANE, DISSOLVED (UG/L)	67721
34398	HEXACHLOROETHANE, SUSPENDED (UG/L)	67721
34401	HEXACHLOROBENZENE, DISSOLVED (UG/L)	118741
34402	HEXACHLOROBENZENE, SUSPENDED (UG/L)	118741

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34403	INDENO (1,2,3-CD) PYRENE, TOTAL (UG/L)	193395
34404	INDENO (1,2,3-CD) PYRENE, DISSOLVED (UG/L)	193395
34405	INDENO (1,2,3-CD) PYRENE, SUSPENDED (UG/L)	193395
34408	ISOPHORONE, TOTAL (UG/L)	78591
34409	ISOPHORONE, DISSOLVED (UG/L)	78591
34410	ISOPHORONE, SUSPENDED (UG/L)	78591
34413	METHYL BROMIDE, TOTAL (UG/L)	74839
34414	METHYL BROMIDE, DISSOLVED (UG/L)	74839
34415	METHYL BROMIDE, SUSPENDED (UG/L)	74839
34418	METHYL CHLORIDE, TOTAL (UG/L)	74873
34419	METHYL CHLORIDE, DISSOLVED (UG/L)	74873
34420	METHYL CHLORIDE, SUSPENDED (UG/L)	74873
34423	METHYLENE CHLORIDE, TOTAL (UG/L)	75092
34424	METHYLENE CHLORIDE, DISSOLVED (UG/L)	75092
34425	METHYLENE CHLORIDE, SUSPENDED (UG/L)	75092
34428	N-NITROSODI-N-PROPYLAMINE, TOTAL (UG/L)	621647
34429	N-NITROSODI-N-PROPYLAMINE, DISSOLVED (UG/L)	621647
34430	N-NITROSODI-N-PROPYLAMINE, SUSPENDED (UG/L)	621647
34433	N-NITROSODIPHENYLAMINE, TOTAL (UG/L)	86306
34434	N-NITROSODIPHENYLAMINE, DISSOLVED (UG/L)	86306
34435	N-NITROSODIPHENYLAMINE, SUSPENDED (UG/L)	86306
34438	N-NITROSODIMETHYLAMINE, TOTAL (UG/L)	62759
34439	N-NITROSODIMETHYLAMINE, DISSOLVED (UG/L)	62759
34440	N-NITROSODIMETHYLAMINE, SUSPENDED (UG/L)	62759
34443	NAPHTHALENE, DISSOLVED (UG/L)	91203
34444	NAPHTHALENE, SUSPENDED (UG/L)	91203
34447	NITROBENZENE, TOTAL (UG/L)	98953
34448	NITROBENZENE, DISSOLVED (UG/L)	98953

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34449	NITROBENZENE, SUSPENDED (UG/L)	98953
34452	PARACHLOROMETA CRESOL, TOTAL (UG/L)	59507
34453	PARACHLOROMETA CRESOL, DISSOLVED (UG/L)	59507
34454	PARACHLOROMETA CRESOL, SUSPENDED (UG/L)	59507
34457	PCB - 1242, DISSOLVED (UG/L)	53469219
34458	PCB - 1242, SUSPENDED (UG/L)	53469219
34459	PCP (PENTACHLOROPHENOL), DISSOLVED (UG/L)	87865
34460	PCP (PENTACHLOROPHENOL), SUSPENDED (UG/L)	87865
34461	PHENANTHRENE, TOTAL (UG/L)	85018
34462	PHENANTHRENE, DISSOLVED (UG/L)	85018
34463	PHENANTHRENE, SUSPENDED (UG/L)	85018
34466	PHENOL, DISSOLVED (UG/L)	108952
34467	PHENOL, SUSPENDED (UG/L)	108952
34469	PYRENE, TOTAL (UG/L)	129000
34470	PYRENE, DISSOLVED (UG/L)	129000
34471	PYRENE, SUSPENDED (UG/L)	129000
34475	TETRACHLOROETHYLENE, TOTAL (UG/L)	127184
34476	TETRACHLOROETHYLENE, DISSOLVED (UG/L)	127184
34477	TETRACHLOROETHYLENE, SUSPENDED (UG/L)	127184
34481	TOLUENE, DISSOLVED (UG/L)	108883
34482	TOLUENE, SUSPENDED (UG/L)	108883
34485	TRICHLOROETHYLENE, DISSOLVED (UG/L)	79016
34486	TRICHLOROETHYLENE, SUSPENDED (UG/L)	79016
34493	VINYL CHLORIDE, DISSOLVED (UG/L)	75014
34494	VINYL CHLORIDE, SUSPENDED (UG/L)	75014
34496	1,1-DICHLOROETHANE, TOTAL (UG/L)	75343
34497	1,1-DICHLOROETHANE, DISSOLVED (UG/L)	75343
34498	1,1-DICHLOROETHANE, SUSPENDED (UG/L)	75343

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34501	1,1-DICHLOROETHYLENE, TOTAL (UG/L)	75354
34502	1,1-DICHLOROETHYLENE, DISSOLVED (UG/L)	75354
34503	1,1-DICHLOROETHYLENE, SUSPENDED (UG/L)	75354
34506	1,1,1-TRICHLOROETHANE, TOTAL (UG/L)	71556
34507	1,1,1-TRICHLOROETHANE, DISSOLVED (UG/L)	71556
34508	1,1,1-TRICHLOROETHANE, SUSPENDED (UG/L)	71556
34511	1,1,2-TRICHLOROETHANE, TOTAL (UG/L)	79005
34512	1,1,2-TRICHLOROETHANE, DISSOLVED (UG/L)	79005
34513	1,1,2-TRICHLOROETHANE, SUSPENDED (UG/L)	79005
34516	1,1,2,2-TETRACHLOROETHANE, TOTAL (UG/L)	79345
34517	1,1,2,2-TETRACHLOROETHANE, DISSOLVED (UG/L)	79345
34518	1,1,2,2-TETRACHLOROETHANE, SUSPENDED (UG/L)	79345
34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE, TOTAL (UG/L)	191242
34522	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE, DISS. (UG/L)	191242
34523	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE, SUSP. (UG/L)	191242
34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE, TOTAL (UG/L)	56553
34527	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE, DISS. (UG/L)	56553
34528	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE, SUSP. (UG/L)	56553
34531	1,2-DICHLOROETHANE, TOTAL (UG/L)	107062
34532	1,2-DICHLOROETHANE, DISSOLVED (UG/L)	107062
34533	1,2-DICHLOROETHANE, SUSPENDED (UG/L)	107062
34536	1,2-DICHLOROBENZENE, TOTAL (UG/L)	95501
34537	1,2-DICHLOROBENZENE, DISSOLVED (UG/L)	95501
34538	1,2-DICHLOROBENZENE, SUSPENDED (UG/L)	95501
34541	1,2-DICHLOROPROPANE, TOTAL (UG/L)	78875
34542	1,2-DICHLOROPROPANE, DISSOLVED (UG/L)	78875
34543	1,2-DICHLOROPROPANE, SUSPENDED (UG/L)	78875
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER (UG/L)	156605

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34547	TRANS-1,2-DICHLOROETHENE, DISSOLVED (UG/L)	156605
34548	TRANS-1,2-DICHLOROETHENE, SUSPENDED (UG/L)	156605
34551	1,2,4-TRICHLOROBENZENE, TOTAL (UG/L)	120821
34552	1,2,4-TRICHLOROBENZENE, DISSOLVED (UG/L)	120821
34553	1,2,4-TRICHLOROBENZENE, SUSPENDED (UG/L)	120821
34556	1,2,5,6-DIBENZANTHRACENE, TOTAL (UG/L)	53703
34557	1,2,5,6-DIBENZANTHRACENE, DISSOLVED (UG/L)	53703
34558	1,2,5,6-DIBENZANTHRACENE, SUSPENDED (UG/L)	53703
34561	1,3-DICHLOROPROPENE, TOTAL (UG/L)	542756
34562	1,3-DICHLOROPROPENE, DISSOLVED (UG/L)	542756
34563	1,3-DICHLOROPROPENE, SUSPENDED (UG/L)	542756
34566	1,3-DICHLOROBENZENE, TOTAL (UG/L)	541731
34567	1,3-DICHLOROBENZENE, DISSOLVED (UG/L)	541731
34568	1,3-DICHLOROBENZENE, SUSPENDED (UG/L)	541731
34571	1,4-DICHLOROBENZENE, TOTAL (UG/L)	106467
34572	1,4-DICHLOROBENZENE, DISSOLVED (UG/L)	106467
34573	1,4-DICHLOROBENZENE, SUSPENDED (UG/L)	106467
34576	2-CHLOROETHYL VINYL ETHER, TOTAL (UG/L)	110758
34577	2-CHLOROETHYL VINYL ETHER, DISSOLVED (UG/L)	110758
34578	2-CHLOROETHYL VINYL ETHER, SUSPENDED (UG/L)	110758
34581	2-CHLORONAPHTHALENE, TOTAL (UG/L)	91587
34582	2-CHLORONAPHTHALENE, DISSOLVED (UG/L)	91587
34583	2-CHLORONAPHTHALENE, SUSPENDED (UG/L)	91587
34586	2-CHLOROPHENOL, TOTAL (UG/L)	95578
34587	2-CHLOROPHENOL, DISSOLVED (UG/L)	95578
34588	2-CHLOROPHENOL, SUSPENDED (UG/L)	95578
34591	2-NITROPHENOL, TOTAL (UG/L)	88755
34592	2-NITROPHENOL, DISSOLVED (UG/L)	88755

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34593	2-NITROPHENOL, SUSPENDED (UG/L)	88755
34596	DI-N-OCTYL PHTHALATE, TOTAL (UG/L)	117840
34597	DI-N-OCTYL PHTHALATE, DISSOLVED (UG/L)	117840
34598	DI-N-OCTYL PHTHALATE, SUSPENDED (UG/L)	117840
34601	2,4-DICHLOROPHENOL, TOTAL (UG/L)	120832
34602	2,4-DICHLOROPHENOL, DISSOLVED (UG/L)	120832
34603	2,4-DICHLOROPHENOL, SUSPENDED (UG/L)	120832
34606	2,4-DIMETHYLPHENOL, TOTAL (UG/L)	105679
34607	2,4-DIMETHYLPHENOL, DISSOLVED (UG/L)	105679
34608	2,4-DIMETHYLPHENOL, SUSPENDED (UG/L)	105679
34611	2,4-DINITROTOLUENE, TOTAL (UG/L)	121142
34612	2,4-DINITROTOLUENE, DISSOLVED (UG/L)	121142
34613	2,4-DINITROTOLUENE, SUSPENDED (UG/L)	121142
34616	2,4-DINITROPHENOL, TOTAL (UG/L)	51285
34617	2,4-DINITROPHENOL, DISSOLVED (UG/L)	51285
34618	2,4-DINITROPHENOL, SUSPENDED (UG/L)	51285
34621	2,4,6-TRICHLOROPHENOL, TOTAL (UG/L)	88062
34622	2,4,6-TRICHLOROPHENOL, DISSOLVED (UG/L)	88062
34623	2,4,6-TRICHLOROPHENOL, SUSPENDED (UG/L)	88062
34626	2,6-DINITROTOLUENE, TOTAL (UG/L)	606202
34627	2,6-DINITROTOLUENE, DISSOLVED (UG/L)	606202
34628	2,6-DINITROTOLUENE, SUSPENDED (UG/L)	606202
34631	3,3'-DICHLOROBENZIDINE, TOTAL (UG/L)	91941
34632	3,3'-DICHLOROBENZIDINE, DISSOLVED (UG/L)	91941
34633	3,3'-DICHLOROBENZIDINE, SUSPENDED (UG/L)	91941
34636	4-BROMOPHENYL PHENYL ETHER, TOTAL (UG/L)	101553
34637	4-BROMOPHENYL PHENYL ETHER, DISSOLVED (UG/L)	101553
34638	4-BROMOPHENYL PHENYL ETHER, SUSPENDED (UG/L)	101553

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34641	4-CHLOROPHENYL PHENYL ETHER, TOTAL (UG/L)	7005723
34642	4-CHLOROPHENYL PHENYL ETHER, DISSOLVED (UG/L)	7005723
34643	4-CHLOROPHENYL PHENYL ETHER, SUSPENDED (UG/L)	7005723
34646	4-NITROPHENOL, TOTAL (UG/L)	100027
34647	4-NITROPHENOL, DISSOLVED (UG/L)	100027
34648	4-NITROPHENOL, SUSPENDED (UG/L)	100027
34651	P,P'-DDD, DISSOLVED (UG/L)	72548
34652	P,P'-DDD, SUSPENDED (UG/L)	72548
34653	P,P'-DDE, DISSOLVED (UG/L)	72559
34654	P,P'-DDE, SUSPENDED (UG/L)	72559
34655	P,P'-DDT, DISSOLVED (UG/L)	50293
34656	P,P'-DDT, SUSPENDED (UG/L)	50293
34657	DNOC (4,6-DINITRO-ORTHO-CRESOL), TOTAL (UG/L)	534521
34658	DNOC (4,6-DINITRO-ORTHO-CRESOL), DISSOLVED (UG/L)	534521
34659	DNOC (4,6-DINITRO-ORTHO-CRESOL), SUSPENDED (UG/L)	534521
34662	PCB - 1221, DISSOLVED (UG/L)	11104282
34663	PCB - 1221, SUSPENDED (UG/L)	11104282
34665	PCB - 1232, DISSOLVED (UG/L)	11141165
34666	PCB - 1232, SUSPENDED (UG/L)	11141165
34671	PCB - 1016, TOTAL (UG/L)	12674112
34672	PCB - 1016, DISSOLVED (UG/L)	12674112
34673	PCB - 1016, SUSPENDED (UG/L)	12674112
34675	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD),TOT(UG/L)	1746016
34676	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD)DISS(UG/L)	1746016
34677	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD)SUSP(UG/L)	1746016
34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTAL (UG/L)	108952
34696	NAPHTHALENE, TOTAL (UG/L)	91203
34750	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD)TOT(PG/L)	1746016

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34751	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD)DISS(PG/L)	1746016
34752	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD)SUSP(PG/L)	1746016
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE (UG/L)	87865
39039	HEXACHLOROBENZENE WATER SAMPLE,ELECTRON CPT (UG/L)	118741
39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER (UG/L)	117817
39103	BIS(2-ETHYLHEXYL) PHTHALATE, DISSOLVED, (UG/L)	117817
39104	BIS(2-ETHYLHEXYL) PHTHALATE, SUSPENDED, (UG/L)	117817
39107	PHTHALATES,DIETHYLHEXYL SUS.FRAC.WTR DWT (MG/KG)	117817
39110	DI-N-BUTYL PHTHALATE, WHOLE WATER (UG/L)	84742
39114	DI-N-BUTYL PHTHALATE, SUSPENDED (UG/L)	84742
39115	PHTHALATES,DIBUTYL SUS.FRAC.WATER DWT (UG/KG)	84742
39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	92875
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE (UG/L)	75014
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE (UG/L)	79016
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	50293
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	72548
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	72559
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	309002
39331	ALDRIN IN FILT. FRAC. OF WAT. SAMP. (UG/L)	309002
39332	ALDRIN IN SUSP. FRAC. OF WAT. SAMP. (UG/L)	309002
39336	BHC-ALPHA, WATER, WHOLE (LBS/DAY)	319846
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER (UG/L)	319846
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER (UG/L)	319857
39340	GAMMA-BHC(LINDANE), WHOLE WATER (UG/L)	58899
39341	GAMMA-BHC(LINDANE), DISSOLVED (UG/L)	58899
39342	GAMMA-BHC(LINDANE), SUSPENDED (UG/L)	58899
39344	BHC-GAMMA, WATER, WHOLE (LBS/DAY)	58899
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATER (UG/L)	57749

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
39352	CHLORDANE(TECH MIX & METABS), DISSOLVED (UG/L)	57749
39353	CHLORDANE(TECH MIX & METABS), SUSPENDED (UG/L)	57749
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	72548
39361	DDD IN FILT. FRAC. OF WATER SMAPLE (UG/L)	72548
39362	DDD IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	72548
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	72559
39366	DDE IN FILT. FRAC. OF WATER SAMPLE (UG/L)	72559
39367	DDE IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	72559
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	50293
39371	DDT IN FILT. FRAC. OF WATER SAMPLE (UG/L)	50293
39372	DDT IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	50293
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	60571
39381	DIELDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	60571
39382	DIELDRIN IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	60571
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	72208
39391	ENDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	72208
39392	ENDRIN IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	72208
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	8001352
39401	TOXAPHENE IN FILT. FRAC. OF WATER SAMPLE (UG/L)	8001352
39402	TOXAPHENE IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	8001352
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	76448
39411	HEPTACHLOR IN FILT. FRAC. OF WATER SAMPLE (UG/L)	76448
39412	HEPTACHLOR IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	76448
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	1024573
39421	HEPTACHLOR EPOXIDE IN FILT. FRAC. WAT. SAM. (UG/L)	1024573
39422	HEPTACHLOR EPOXIDE IN SUSP. FRAC. WAT. SAM. (UG/L)	1024573
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE (UG/L)	11104282
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE (UG/L)	11141165

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE (UG/L)	53469219
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE (UG/L)	12672296
39501	PCB - 1248 IN FILT. FRAC. OF WATER SAMPLE (UG/L)	12672296
39502	PCB - 1248 IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	12672296
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE (UG/L)	11097691
39505	PCB - 1254 IN FILT. FRAC. OF WATER SAMPLE (UG/L)	11097691
39506	PCB - 1254 IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	11097691
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE (UG/L)	11096825
39509	PCB - 1260 IN FILT. FRAC. OF WATER SAMPLE (UG/L)	11096825
39510	PCB - 1260 IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	11096825
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	118741
39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE (UG/L)	87683
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	58899
39920	DNOC IN WHOLE WATER SAMPLE (UG/L)	534521
46322	LINDANE PLUS ISOMERS IN WHOLE WATER SAMPLE (UG/L)	58899
46323	DELTA-BHC IN WHOLE WATER SAMPLE (UG/L)	319868
46326	HEPTACHLOR AND METABOLITES IN WH. H2O SAMP. (UG/L)	76448
46479	CYANIDE, DISSOLVED, WATER (UG/L)	57125
46551	ARSENIC, FIELD ACIDIFIED W/HNO3, LAB FILT. (UG/L)	7440382
46559	CADMIUM, FIELD ACIDIFIED-HNO3-LAB FILTER (UG/L-CD)	7440439
46560	CHROMIUM, FIELD ACIDIFIED-HN03-LAB FILT. (UG/L-CR)	7440473
46562	COPPER, FIELD ACIDIFIED-HNO3-LAB FILTER. (UG/L-CU)	7440508
46564	LEAD, FIELD ACIDIFIED-HNO3-LAB FILTERED (UG/L-PB)	7439921
46566	SILVER, FIELD ACIDIFIED-HNO3-LAB FILTER.(UG/L-AG)	7440224
46567	ZINC, EXTRACT. FIELD ACID W/HNO3, LAB FILT. (UG/L)	7440666
70012	PARACHLOROMETA CRESOL, WATER, WHOLE (LBS/DAY)	59507
70017	HEXACHLOROCYCLOPENTADIENE, WATER, WHOLE (LBS/DAY)	77474
70021	LEAD, (TCLP), WATER, TOTAL (MG/L)	7439921

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
71890	MERCURY, DISSOLVED (UG/L AS HG)	7439976
71895	MERCURY, SUSPENDED (UG/L AS HG)	7439976
71900	MERCURY, TOTAL (UG/L AS HG)	7439976
71901	MERCURY, TOTAL RECOVERABLE IN WATER AS HG (UG/L)	7439976
71946	CADMIUM, EXTRACTABLE (UG/L AS CD)	7440439
71947	CHROMIUM, EXTRACTABLE (UG/L AS CR)	7440473
71949	LEAD, EXTRACTABLE (UG/L AS PB)	7439921
71950	ZINC, EXTRACTABLE (UG/L AS ZN)	7440666
71951	COPPER, EXTRACTABLE (UG/L AS CU)	7440508
73063	CHLOROGUAIACOL,4-, TOTAL, WATER (UG/L)	16766306
73522	PROPANE, 2,2'-OXYBIS(1-CHLORO)- TOTAL (UG/L)	108601
77163	1,3-DICHLOROPROPENE-1, WHOLE WATER (UG/L)	542756
77354	1,1-DICHLORO-2,2-DIFLUOROETHANE WHOLE WATER (UG/L)	471432
77771	3-CHLORO-4-HYDROXYBENZOPHENONE, WHOLE WATER (UG/L)	55191203
78113	ETHYL BENZENE WHOLE WATER SAMPLE (UG/L)	100414
78124	BENZENE IN WATER (VOLATILE ANALYSIS) (UG/L)	71432
78131	TOLUENE IN WHOLE WATER (VOLATILE ANALYSIS) (UG/L)	108883
78208	2,4-DINITRO-O-CRESOL IN WHOLE WATER SAMPLE (UG/L)	534521
78247	CHROMIUM, HEXAVALENT, TOTAL RECOVERABLE, WT (UG/L)	18540299
78248	CYANIDE, TOTAL RECOVERABLE, WATER, WHOLE (UG/L)	57125
80357	CHROMIUM, TRIVALENT, DISSOLVED, AS CR	16065831
81208	CYANIDE, FREE (NOT AMEN. TO CHLORINATION) (MG/L)	57125
81210	CYANIDE - STATE OF ILLINOIS (MG/L)	57125
81214	CADMIUM - STATE OF ILLINOIS (MG/L)-COLD	7440439
81215	CHROMIUM - STATE OF ILLINOIS (MG/L), COLD DIGEST	18540299
81216	CHROMIUM(TRI)-STATE OF ILLINOIS (MG/L)-COLD DIGEST	16065831
81217	CHROMIUM, TOTAL - STATE OF ILLINOIS (MG/L) COLD DIGEST	7440473
81218	COPPER, STATE OF ILLINOIS, MG/L, COLD DIGEST	7440508

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
81220	LEAD, STATE OF ILLINOIS, MG/L, COLD DIGEST	7439921
81222	NICKEL - STATE OF ILLINOIS, MG/L, COLD DIGEST	7440020
81223	SILVER, STATE OF ILLINOIS, MG/L, COLD DIGEST	7440224
81224	ZINC - STATE OF ILLINOIS, MG/L, COLD DIGEST	7440666
81642	SILVER (AG) IN WATER POUNDS PER DAY (LBS/DAY)	7440224
81750	COPPER, INTERSTITIAL WATER FROM SEDIMENTS (UG/L)	7440508
81751	LEAD, INTERSTITIAL WATER FROM SEDIMENTS (UG/L)	7439921
81752	NICKEL, INTERSTITIAL WATER FROM SEDIMENTS (UG/L)	7440020
81753	CADMIUM, INTERSTITIAL WATER FROM SEDIMENT	7440439
81754	ZINC, INTERSTITIAL WATER FROM SEDIMENTS (UG/L)	7440666
81766	HEPTACHLOR EPOXIDE IN EPILITHIC ALGAE SED. (UG/KG)	1024573
81931	MERCURY (HG) SUSPENDED FRACTION OF WATER (UG/G)	7439976
81932	CADMIUM (CD) SUSPENDED FRACTION OF WATER (UG/G)	7440439
81933	ZINC (ZN) SUSPENDED FRACTION OF WATER (UG/G)	7440666
81934	LEAD (PB) SUSPENDED FRACTION OF WATER (UG/G)	7439921
81936	LEAD (PB) DISSOLVED CATIONIC SPECIES (UG/L)	7439921
81937	CADMIUM (CD) DISSOLVED CATIONIC SPECIES (UG/L)	7440439
81938	CHROMIUM, DISSOLVED CATIONIC SPECIES (UG/L)	7440473
81939	COPPER (CU) DISSOLVED CATIONIC SPECIES (UG/L)	7440508
81940	ZINC (ZN) DISSOLVED CATIONIC SPECIES (UG/L)	7440666
81941	CHROMIUM, DISSOLVED ANIONIC SPECIES (UG/L)	7440473
81942	COPPER (CU) DISSOLVED ANIONIC SPECIES (UG/L)	7440508
81943	ZINC (ZN) DISSOLVED ANIONIC SPECIES (UG/L)	7440666
82058	CHROMIUM, TOTAL, PERCENT REMOVAL	7440473
82399	CHROMIUM, HEXAVALENT (KG/BATCH)	18540299
82512	M,P-DICHLOROBENZENE (MEASURES 1,3&1,4) TOT. (UG/L)	541731
82573	CYANIDE/CHLORINATION IN WATER (MG/L)	57125
82621	HEXACHLOROBENZENE, WATER, TOTAL RECOVER. (UG/L)	118741

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
82622	ENDRIN ALDEHYDE, WH. WATER, TOTAL RECOVER. (UG/L)	7421934
82623	ENDOSULFAN SULFATE, WATER, TOTAL RECOVER. (UG/L)	1031078
82624	ENDOSULFAN, BETA, WH. WATER, TOTAL RECOVER. (UG/L)	33213659
82626	1,2-DIPHENYLHYDRAZINE, WATER, TOTAL RECOVER. (UG/L)	122667
82627	PARACHLOROMETA CRESOL, WATER, TOTAL RECOVER. (UG/L)	59507
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	7440382
82704	BERYLLIUM, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	7440417
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	7440439
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	7440473
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	7440508
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	7439921
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	7439976
82715	NICKEL, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	7440020
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	7440224
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	7440666
85006	ZINC, TOTAL - (#/DAY)	7440666
85007	CHROMIUM, TOTAL (#/DAY)	7440473
85010	NICKEL, TOTAL - (#/DAY)	7440020
85013	MERCURY, TOTAL - (#/DAY)	7439976

Appendix H

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As the nation's principal conservation agency, the Department of the Interior has the responsibility for most of our nationally owned public lands and natural and cultural resources. This includes fostering wise use of our land and water resources, protecting our fish and wildlife, preserving the environmental and cultural values of our national parks and historical places, and providing for enjoyment of life through outdoor recreation. The Department assesses our energy and mineral resources and works to ensure that their development is in the best interests of all our people. The Department also promotes the goals of the Take Pride in America campaign by encouraging stewardship and citizen responsibility for the public lands and promoting citizen participation in their care. The Department also has a major responsibility for American Indian reservation communities and for people who live in island territories under U.S. administration.

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